

AC

Item No. 3  
Hon'ble Vice-Chancellor  
Meeting Date 13/1/2020

Item No. 3

(Acad)

Actions taken by the Hon'ble Vice-Chancellor under  
section 12(7) of the Maharashtra Public Universities Act, 2016

Approved the actions taken by the Hon'ble Vice-Chancellor under provision of sub-section (7) of section 12 of the Maharashtra Public Universities Act, 2016 on behalf of the Academic Council which were circulated vide page Nos. A-5871 to A-5898 in Book No. 1 of 2020. After detailed discussion the following correction were suggested by the Registrar & accepted by the Council.

In Book No. 1/2019, On Page No. A-5876, Sr.No. 11, in line No. 2, Sem-IV & V be read as Sem-V & VI.

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Beers Ad-hoc. committee in  
comp. sc. & Eng.

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7.9.2020.

Sant Gadge Baba Amravati University, Amravati

Minutes of the emergency meeting of the Ad-hoc Committee in Computer Science & Engineering in the Faculty of Science & Technology regarding adoption of A.I.C.T.E. Model Curriculum for bridge Courses for the Course B.Tech. (Chem.Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Technology) held on 07/09/2019 on 12.00 noon in Room No. 206, 2<sup>nd</sup> floor, main administrative building, Sant Gadge Baba Amravati University Campus in the University.

The following members were present at the meeting.

- 1) Dr.G.R.Bamnate
- 2) Dr.P.M.Jawandhiya
- 3) Dr.Smt.S.S.Sherekar

At the outset of the meeting, Deputy Registrar (Acad.) welcomed all the members of the Ad-hoc Committee present at the meeting and requested the Ad-hoc Committee to start the business of the meeting.

The members present of the Ad-hoc unanimously resolved and requested Dr.G.R.Bamnate to act as Working Chairperson for the meeting of the Ad-hoc Committee and he accepted the request.

Item-wise recommendations of the Ad-hoc Committee are as under :

ITEM NO. : 2

- (A) The Ad-hoc Committee considered and noted the letters received from the A.I.C.T.E. & D.T.E. regarding adoption of A.I.C.T.E. Model Curriculum for Engg. & Tech. Courses and in view of the recommendations of the Committee as constituted by the Hon'ble Vice-Chancellor dated 09/07/2019.
- (B) The Ad-hoc Committee recommended that the syllabi of the ISCT4 Computer Programming and ISCT8 Computer Programming - Lab shall be same as per 1A4 Computer Programming and 1A8 Computer Programming - Lab. which is in line with the A.I.C.T.E. Model Curriculum and the guidelines. Hence the Subject Codes 1A4/ISCT4 and 1A8/ISCT8 are recommended to be equivalent. The Ad-hoc Committee unanimously resolved to accept and recommend the same to be implemented from the academic session 2019-2020 & onwards in phase-wise manner.
- (C) The existing direction No. 30 of 2010 regarding Schemes of teaching & examination of Sem. I to II of the Course to be amended according as per the recommendations given as per Direction No. 26/2019 of B.E./B. Text./B.Tech.(Chem.) [common to all branches].
- (D) The Ad-hoc Committee resolved to accept and recommend chances for the Old Course failure students of Sem. I & II of B.Tech. (Chemical Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.) i.e. from Winter-2019 upto Winter-2019 and from Winter-2020 and from Summer-2021 they will have to appear for the new syllabi as per A.I.C.T.E Model Curriculum.

Cancelled

Item by permission of the Chair :

- (1) Preparation of the Panels of paper setters and examiners of the subject ISCT4/1A4 Computer Programming and ISCT8/1A8 Computer Programming -Lab.

The Ad-hoc Committee prepared and submitted the panels for paper setters & examiners and submitted to the office as per Appendix -A as per the subject as mentioned above.

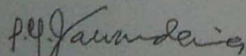
- (2) To prescribe and recommend the Draft schemes of teaching of Sem. I & II along with the draft syllabus and other related provisions of the Course P.G.Diploma in Computer Science regarding.

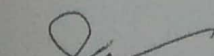
The Ad-hoc Committee submitted the Draft schemes of teaching of Sem. I & II along with the draft syllabus of which the syllabi of Semester I & II is common with the Course M.C.A. The Ad-hoc Committee further resolved that the draft provisions of the Course of P.G.D.C.S. are remain unchanged as per existing Direction.


The Ad-hoc Committee further resolved to recommend to give two (2) chances to the Old Course failure students of P.G.D.C.S. Sem. I & II i.e. Winter-2019 & Summer-2020 for Sem. I and Summer-2020 & Winter-2020 for Sem. II respectively.

After confirmation of the minutes, the Chairman of the Ad-hoc Committee thanked the members present at the meeting and declared that the meeting is over.

Amravati.  
Date : 07/09/2019

  
Dr. P.M. Jawandhiya

  
Dr. Smt. S.S. Sherekar

  
(Dr. G.R. Bamnate)  
W. Chairman



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2.1

Beers Ad-hoc. committee in  
comp. sc. & Eng.

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7.9.2020.

Sant Gadge Baba Amravati University, Amravati

Minutes of the emergency meeting of the Ad-hoc Committee in Computer Science & Engineering in the Faculty of Science & Technology regarding adoption of A.I.C.T.E. Model Curriculum for bridge Courses for the Course B.Tech. (Chem.Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Technology) held on 07/09/2019 on 12.00 noon in Room No. 206, 2<sup>nd</sup> floor, main administrative building, Sant Gadge Baba Amravati University Campus in the University.

The following members were present at the meeting.

- 1) Dr.G.R.Bamnate
- 2) Dr.P.M.Jawandhiya
- 3) Dr.Smt.S.S.Sherekar

At the outset of the meeting, Deputy Registrar (Acad.) welcomed all the members of the Ad-hoc Committee present at the meeting and requested the Ad-hoc Committee to start the business of the meeting.

The members present of the Ad-hoc unanimously resolved and requested Dr.G.R.Bamnate to act as Working Chairperson for the meeting of the Ad-hoc Committee and he accepted the request.

Item-wise recommendations of the Ad-hoc Committee are as under :

ITEM NO. : 2

- (A) The Ad-hoc Committee considered and noted the letters received from the A.I.C.T.E. & D.T.E. regarding adoption of A.I.C.T.E. Model Curriculum for Engg. & Tech. Courses and in view of the recommendations of the Committee as constituted by the Hon'ble Vice-Chancellor dated 09/07/2019.
- (B) The Ad-hoc Committee recommended that the syllabi of the ISCT4 Computer Programming and ISCT8 Computer Programming - Lab shall be same as per 1A4 Computer Programming and 1A8 Computer Programming - Lab. which is in line with the A.I.C.T.E. Model Curriculum and the guidelines. Hence the Subject Codes 1A4/ISCT4 and 1A8/ISCT8 are recommended to be equivalent. The Ad-hoc Committee unanimously resolved to accept and recommend the same to be implemented from the academic session 2019-2020 & onwards in phase-wise manner.
- (C) The existing direction No. 30 of 2010 regarding Schemes of teaching & examination of Sem. I to II of the Course to be amended according as per the recommendations given as per Direction No. 26/2019 of B.E./B. Text./B.Tech.(Chem.) [common to all branches].
- (D) The Ad-hoc Committee resolved to accept and recommend chances for the Old Course failure students of Sem. I & II of B.Tech. (Chemical Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.) i.e. from Winter-2019 upto Winter-2019 and from Winter-2020 and from Summer-2021 they will have to appear for the new syllabi as per A.I.C.T.E Model Curriculum.

Cancelled

Item by permission of the Chair :

- (1) Preparation of the Panels of paper setters and examiners of the subject ISCT4/1A4 Computer Programming and ISCT8/1A8 Computer Programming -Lab.

The Ad-hoc Committee prepared and submitted the panels for paper setters & examiners and submitted to the office as per Appendix -A as per the subject as mentioned above.

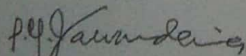
- (2) To prescribe and recommend the Draft schemes of teaching of Sem. I & II along with the draft syllabus and other related provisions of the Course P.G.Diploma in Computer Science regarding.

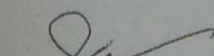
The Ad-hoc Committee submitted the Draft schemes of teaching of Sem. I & II along with the draft syllabus of which the syllabi of Semester I & II is common with the Course M.C.A. The Ad-hoc Committee further resolved that the draft provisions of the Course of P.G.D.C.S. are remain unchanged as per existing Direction.


The Ad-hoc Committee further resolved to recommend to give two (2) chances to the Old Course failure students of P.G.D.C.S. Sem. I & II i.e. Winter-2019 & Summer-2020 for Sem. I and Summer-2020 & Winter-2020 for Sem. II respectively.

After confirmation of the minutes, the Chairman of the Ad-hoc Committee thanked the members present at the meeting and declared that the meeting is over.

Amravati.  
Date : 07/09/2019

  
Dr. P.M. Jawandhiya

  
Dr. Smt. S.S. Sherekar

  
(Dr. G.R. Bamnate)  
W. Chairman

Don't forget to check the Church  
Meeting on 4/12/2020

(Acad.)

Considered and approved recommendations of the committee No. 2/2020 alongwith Faculties mentioned in column No. 2 of the following table of their meetings held on the dates mentioned in column No. 3 of the said table against each faculty.

Sr.No.	Faculty	Date of Meeting	Recommendations circulated vide page Nos. <u>in Book No. 11 of 2020.</u>
1.	2.	3.	4.
1.	Faculty of Science and Technology	8.9.2020	A-7146 to A-7148
2.	Faculty of Commerce and Management	9.9.2020	A-7148 to A-7150
3.	Faculty of Humanities	10.9.2020	A-7150 to A-7153
4.	Faculty of Inter-disciplinary Studies	11.9.2020	A-7153 to A-7155

तथापि पुस्तक क्र. ११/२०२० मधील पान क्र. A-7150 वर R-6 मध्ये जाणिज्या व व्यवस्थापन या विद्याशाखेने व A-7151, R-2 यांमध्ये मानवविज्ञान विद्याशाखेने केलेल्या शिफारशीवर विद्यार विनियम करण्यात आला. विद्यापीठातील विविध विद्याशाखांच्या परीक्षेच्या विषयांचे Passing Head मध्ये समानता आणण्याची बाब परसंतीवर आतारीत श्रेयांक पद्धतीमध्ये समाविष्ट असल्यामुळे सदर विषय मगळण्यात आला.

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Academic Council Meeting Dates: ① 6<sup>th</sup> June, 2017  
② 15<sup>th</sup> Nov., 2018.

Item / Minute No. 43 .....  
Item/Minute to Academic Council  
Meeting Date.. 6.6.17.....

Item No. 43

(Acad)

**Recommendations of various Faculties**

To consider recommendations of the Faculties mentioned in column No. 2 of the following table of their meetings held on the dates mentioned in column No. 3 of the said table against each Faculty.

TABLE

Sr. No.	Faculty	Date of Meeting/ Action date u/s 12(7)	Recommendations circulated vide page Nos.	Book No.
1.	2.	3.	4.	5.
1.	Science & Technology	26.5.2017	A-4096 to A-4099	9/2017
2.	Commerce & Mgt.	22.5.2017	A-4099	
3.	Humanities	26.5.2017	A-4094 to A-4096	
4.	Inter-disciplinary Studies	26.5.2017	A-4099	

(Note: Recommendations of Board of Studies at Sr. Nos. 1, 2 & 4 are accepted & recommended to Academic Council by the Hon'ble Vice Chancellor u/s 12(7) of the Maharashtra Public Universities Act, 2016 on behalf of respective Faculties.)

*[Signature]*  
By, Registrar (Acad.)  
Smt. Sangeeta Amavali University  
Aurangabad

*[Handwritten signature]*  
Acad.  
Faculty  
Sh. Pant

Sh. Pant - 43(3)

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Item No. 51  
Meeting Date... 4/12/2020

(Acad)

**Item No. 51**  
**Actions taken by the Hon'ble Vice-Chancellor under**  
**section 12(7) of the Maharashtra Public Universities Act, 2016**

Approved the actions taken by the Hon'ble Vice-Chancellor under provision of sub-section (7) of section 12 of the Maharashtra Public Universities Act, 2016 on behalf of the **Academic Council** which were circulated vide page Nos. A-7119 to A-7139 in Book No. 13 of 2020 and reference pages, if any, regarding actions taken by the Hon'ble Vice-Chancellor are circulated in Books as shown below.

Book No.	Page Nos.
13/2020	A-6588 to A-6591, A-6593 to A-6594, A-6854 to A-6856, D-3427 to D-3440, W-2727 to W-2738 and Z-2202 to Z-2205
10/2020	C-3285 to C-3294(A), C-3392 to C-3401, C-3810 to C-3819 C-4131 to C-4135, C-4151 to C-4194, C-5115 to C-5222 C-5244 to C-5287, C-5361 to C-5368 C-5381 to C-5387
14/2020	C-5230(A), C-5231 to C-5243, C-5368(A), C-5369 to C-5380

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Hon'ble Minute No. 3  
Hon'ble Minute to Academic Council  
Meeting Date: 13/2/2016

**Item No. 3**

**(Acad)**

**Actions taken by the Hon'ble Vice-Chancellor under  
section 14(7) of the Maharashtra Universities Act, 1994**

The Council approved the actions taken by the Hon'ble Vice-Chancellor under provision of sub-section (7) of section 14 of the Maharashtra Universities Act, 1994, on behalf of the Academic Council, which were circulated vide page Nos. A-2700 to A-2749 and Z-7970 to Z-7988 in Book No. 1 of 2016.

सदस्यांनी खालील Actions तपासण्यात याव्यात असे सुचविले.

- 1) Page No. 2737 – Action No.59- College No.8 regarding..... What about BE (IT)
- 2) Page No. 2739-Action No.59- College No.11.... what about BE.(IT)

Page No. 2747-Action No.61-... Academic Calender संदर्भात डॉ. टी.आर.देशमुख यांनी अभियांत्रिकी महाविद्यालयांना सुट्या कमी झाल्याबाबत तसेच सार्वजनिक सुट्या रविवारी किंवा सुट्यांमध्ये आल्याबाबत मुद्दा उपस्थित केला त्यावर अध्यक्षांनी शैक्षणिक सत्रात १८० च्या वर Teaching Days होणे आवश्यक आहे तसेच यासंदर्भात आपल्या काही सूचना असल्यास त्या कार्यालयाला कळविण्यात याव्यात. म्हणजे पुढील वर्षाच्या शैक्षणिक नियमिका तयार करतांना त्याचा विचार करता येईल.

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Hon'ble Vice-Chancellor No. 3  
Hon'ble Vice-Chancellor to Academic Council  
Meeting Date.....15/11/2018

**Item No. 3**

**(Acad)**

**Actions taken by the Hon'ble Vice-Chancellor under  
section 12(7) of the Maharashtra Public Universities Act, 2016**

The Council approved the actions taken by the Hon'ble Vice-Chancellor under provision of sub-section (7) of section 12 of the Maharashtra Public Universities Act, 2016 on behalf of the Academic Council which were circulated vide page Nos. A-5118 to A-5203 in Book No. 1 of 2018 and Z- 1210 to 1228 in Book No. 18/2018.



AC - M.Sc. Applied Electronics

13/07/2016

Item / Minute No. 47(3)  
Item Minute to Academic Council  
Meeting Date 13/7/16

9) Faculty of Engineering & Technology

A) Board of Studies in Civil Engineering (incl. Construction Technology)

✓ R-1: Changes in the syllabi of B.E. Civil (Sem. I to VIII) (at U.G. level) resolved to accept the changes in the Syllabi of B.E. (Civil) (C.G.S.) Semester I to VIII, which were circulated vide Page Nos. A-1988 to A-2065 in Book No. 5 of 2016 to be implemented in phase wise manner from the academic session 2016-2017 and onwards.

✓ R-2: Changes in the syllabi of M.E. Civil (Structural Engineering) resolved to accept the changes in the Syllabi of M.E. (Civil) (Structural Engineering) (C.G.S.) which were circulated vide Page Nos. A-2236 to A-2241 in Book No. 5 of 2016 to be implemented in phase wise manner from the academic session 2016-2017.

B) Board of Studies in Electronics, ind. Electro. & Applied Electronics

R-1: Draft Ordinance No. 4 of 2010.

resolved to accept the provisions for Draft Ordinance regarding examinations relating to the Degree of M.Sc. (Applied Electronics) which was circulated vide Page Nos. A-2340 to A-2341 in Book No. 5 of 2016.

- 2 -

Revised syllabi from 2016-17

UG	Civil (UG & PG)	Electrical Engg	UG & PG
I	2016-17 - I	→ 2016-17 - I	
II	2017-18 - II	→ 2017-18 - II	
III	2018-19 - III	→ 2018-19 - III	
IV	2019-20 - IV	→ 2019-20 - IV	

AC - M.Sc. Applied Electronics

13/07/2016

Item / Minute No. 47(3)  
Item Minute to Academic Council  
Meeting Date 13/7/16

9) Faculty of Engineering & Technology

A) Board of Studies in Civil Engineering (incl. Construction Technology)

✓ R-1: Changes in the syllabi of B.E. Civil (Sem. I to VIII) (at U.G. level) resolved to accept the changes in the Syllabi of B.E. (Civil) (C.G.S.) Semester I to VIII, which were circulated vide Page Nos. A-1988 to A-2065 in Book No. 5 of 2016 to be implemented in phase wise manner from the academic session 2016-2017 and onwards.

✓ R-2: Changes in the syllabi of M.E. Civil (Structural Engineering) resolved to accept the changes in the Syllabi of M.E. (Civil) (Structural Engineering) (C.G.S.) which were circulated vide Page Nos. A-2236 to A-2241 in Book No. 5 of 2016 to be implemented in phase wise manner from the academic session 2016-2017.

B) Board of Studies in Electronics, ind. Electro. & Applied Electronics

R-1: Draft Ordinance No. 4 of 2010.

resolved to accept the provisions for Draft Ordinance regarding examinations relating to the Degree of M.Sc. (Applied Electronics) which was circulated vide Page Nos. A-2340 to A-2341 in Book No. 5 of 2016.

- 2 -

Revised syllabi from 2016-17

UG	Civil (UG & PG)	Electrical Engg	UG & PG
I	2016-17 - I	→ 2016-17 - I	
II	2017-18 - II	→ 2017-18 - II	
III	2018-19 - III	→ 2018-19 - III	
IV	2019-20 - IV	→ 2019-20 - IV	



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A.C. dt. 13/7/18  
P. 10-11 (C)

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B.Tech Chemical Technology

C) Board of Studies in Electrical Engineering (E & P)

- R-1 : **Changes in the syllabi of B.E. Electrical (Sem. I to VIII)**  
resolved to accept the changes in the Syllabi of B.E. Electrical (E & P) and B.E. (Electrical & Electronics) (C.G.S.) Semester I to VIII which were circulated vide Page Nos. A-2066 to A-2095 in Book No. 5 of 2016 to be implemented in phase wise manner from the academic session 2016-2017.
- R-2 : **Changes in the syllabi of M.E. Electrical (incl. E.P.S.)**  
resolved to accept the changes in the scheme of examination of M.E. Electrical (Electrical Power System) (C.G.S.) along with the eligibility criteria for admission to M.E. Electrical (E.P.S.) and the Syllabi which were circulated vide Page Nos. A-2157 to A-2167 in Book No. 5 of 2016 to be implemented from the academic session 2016-2017 and onwards.

The Council further resolved to refer the scheme of examination of M.E. Electrical (Electrical Power System) (C.G.S.) along with the eligibility criteria for admission to M.E. Electrical (E.P.S.) to the Ordinance Committee for framing the Regulation.

D) Board of Studies in Chemical & Polymer Technology

- R-1 : **Inclusion of Chemical Weapons in the University Syllabi.**  
resolved to accept to incorporate the topics such as Weapons of Mass Destruction, Disarmament, peaceful uses of Chemistry in the syllabus of 6<sup>th</sup> Unit of Nuclear Energy in the subject 8CH04, Prof. Elect.-II Energy & Environment of Sem. VIII of the course B.Tech. (Chemical Engg.) which was circulated on page No. A-1662 in Book No. 5/2016, to be implemented from the academic session 2016-2017.
- R-2 : **Transfer of Credits of Basic Science Subjects to Core Engg. Subjects in the Scheme of B.Tech. (Chem. Tech.) (FPOPC)**  
resolved to accept to transfer the Credits of Basic Science subjects to Core Engg. subjects under the schemes of examination of Sem. I, II, III, V & VII of B.Tech. (Chem. Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.) which were circulated vide Page Nos. A-2342 to A-2346 in Book No. 5 of 2016 to be implemented from the academic session 2016-2017.
- The Council further resolved to refer the scheme of examination of Sem. I, II, III, V & VII of B.Tech. (Chem. Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.) to the Ordinance Committee for framing the Regulation.

E) Ad-Hoc Committee in Environmental Studies

- R-1 : **Recommended Book/s received from publisher**  
resolved to accept the Text Book "Environmental Studies", 2<sup>nd</sup> Edition, by author Benny Joseph, published by McGraw Hills Edn. (India) Pvt. Ltd. be prescribed as a reference book.

F)

The Faculty also recommended to A.C. as per under :-

(While considering the Item, Dean of the Faculty of Engg. & Tech. has requested to consider the following recommendation of the Faculty. The Academic Council accepted the request and resolved as under.)

accepted to replace the foot note "Students will have to opt the Free Electives offered from other courses of the college / Institution / University Department" in the schemes of teaching & examinations of Semesters V & VI of all the courses of B.E./B.Text./B.Tech. by the following foot note :

" Students will have to opt the free electives offered from other courses of the college / Institution / University Department OR from any Course in the Faculty of Engineering & Technology, for which regular teaching faculty is available with the College / Institution / University Department. "

The Council further resolved to refer the matter to Ordinance Committee for framing the Regulation.

Sh. S.P. Mohadarkate

Dy. Registrar (Acad.)  
Sant Gadge Baba Amteva University,  
Amravati.



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A.C. dt. 13/7/18  
210-47-CA

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B.Tech Chemical Technology

C) Board of Studies in Electrical Engineering (E & P)

- R-1 : **Changes in the syllabi of B.E. Electrical (Sem. I to VIII)**  
resolved to accept the changes in the Syllabi of B.E. Electrical (E & P) and B.E. (Electrical & Electronics) (C.G.S.) Semester I to VIII which were circulated vide Page Nos. A-2066 to A-2095 in Book No. 5 of 2016 to be implemented in phase wise manner from the academic session 2016-2017.
- R-2 : **Changes in the syllabi of M.E. Electrical (incl.E.P.S.)**  
resolved to accept the changes in the scheme of examination of M.E. Electrical (Electrical Power System) (C.G.S.) along with the eligibility criteria for admission to M.E. Electrical (E.P.S.) and the Syllabi which were circulated vide Page Nos. A-2157 to A-2167 in Book No. 5 of 2016 to be implemented from the academic session 2016-2017 and onwards.

The Council further resolved to refer the scheme of examination of M.E. Electrical (Electrical Power System) (C.G.S.) along with the eligibility criteria for admission to M.E. Electrical (E.P.S.) to the Ordinance Committee for framing the Regulation.

D) Board of Studies in Chemical & Polymer Technology

- R-1 : **Inclusion of Chemical Weapons in the University Syllabi.**  
resolved to accept to incorporate the topics such as Weapons of Mass Destruction, Disarmament, peaceful uses of Chemistry in the syllabus of 6<sup>th</sup> Unit of Nuclear Energy in the subject 8CH04, Prof. Elect.-II Energy & Environment of Sem. VIII of the course B.Tech. (Chemical Engg.) which was circulated on page No. A-1662 in Book No. 5/2016, to be implemented from the academic session 2016-2017.
- R-2 : **Transfer of Credits of Basic Science Subjects to Core Engg. Subjects in the Scheme of B.Tech. (Chem. Tech.) (FPOPC)**  
resolved to accept to transfer the Credits of Basic Science subjects to Core Engg. subjects under the schemes of examination of Sem. I, II, III, V & VII of B.Tech. (Chem. Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.) which were circulated vide Page Nos. A-2342 to A-2346 in Book No. 5 of 2016 to be implemented from the academic session 2016-2017.

The Council further resolved to refer the scheme of examination of Sem. I, II, III, V & VII of B.Tech. (Chem. Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.) to the Ordinance Committee for framing the Regulation.

E) Ad-Hoc Committee in Environmental Studies

- R-1 : **Recommended Book/s received from publisher**  
resolved to accept the Text Book "Environmental Studies", 2<sup>nd</sup> Edition, by author Benny Joseph, published by McGraw Hills Edn. (India) Pvt. Ltd. be prescribed as a reference book.

F)

The Faculty also recommended to A.C. as per under :-

(While considering the Item, Dean of the Faculty of Engg. & Tech. has requested to consider the following recommendation of the Faculty. The Academic Council accepted the request and resolved as under.)

accepted to replace the foot note "Students will have to opt the Free Electives offered from other courses of the college / Institution / University Department" in the schemes of teaching & examinations of Semesters V & VI of all the courses of B.E./B.Text./B.Tech. by the following foot note :

" Students will have to opt the free electives offered from other courses of the college / Institution / University Department OR from any Course in the Faculty of Engineering & Technology, for which regular teaching faculty is available with the College / Institution / University Department. "

The Council further resolved to refer the matter to Ordinance Committee for framing the Regulation.

Sh. S.P. Mohadarkate

Dy. Registrar (Acad.)  
Sant Gadge Baba Amteva University,  
Amravati



# AC - B.Tech Chemical Technology

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Sant Gadge Baba Amravati University, Amravati

47

## ITEM BY PERMISSION OF THE THE CHAIR :

(ii) Proposal submitted by the Board of Studies : The B.O.S. in Chemical & Polymer Technology has submitted the proposal regarding changes in the schemes i.e. transfer of workload and credits of the basic Science subjects i.e. Engg. Maths I,II, Computer Programming, Electrical Engg.-II to core subjects of B.Tech.(Chem.Tech.) (Food,Pulp & Paper, Oil & Paint and Petrochemical) Course and resolved to recommend to the Faculty as under :

"One (1) Credit each of basic science subjects i.e. Engg. Maths - I,II, Comp.Programming, Electrical Engg.-II be transferred to core subjects i.e. Heat Transfer, Mechanical Operation, Chem. Engg. Thermodynamics and Chemical Reaction Engg. This will match the workload of the same subjects of chemical Engg. and Polymer Tech. Courses of the University." The proposed changes as recommended by the B.O.S. in the schemes of semesters I,II,IV,V & VII of the Course B.Tech.(Chem.Tech.) (FPOPC) are shown which are attached herewith vide Appendices A,B,C,D,E.

sd/  
(Dr.P.V.Thorat)  
Chairman, B.O.S. in  
Chemical & Polymer Technology

Cr- I  
2.1  
(9)

SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI

Ad-hoc. com

29/5/2018

MINUTES

Minutes of the Adjourned Meeting of Ad-hoc Committee in Economics held on Tuesday, the 29<sup>th</sup> May, 2018 at 12.00 Noon in Room No. 206, 11<sup>th</sup> Floor, Main Administrative Building, Sant Gadge Baba Amravati University, Amravati.

The Following members were present for the Meeting.

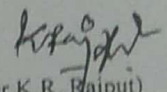
1. Dr. K.R. Rajput	"	Chairperson
2. Dr. S.T. Kute	"	Member
3. Dr. S.R. Gurjar	"	Member
4. Dr. R.B. Bhandwalkar	"	Invitee
5. Dr. K.V. Sable	"	Invitee
6. Dr. R.R. Gawhale	"	Invitee
7. Dr. V.M. Gawande	"	Invitee

At the beginning of the meeting, Chairperson welcomed the members present for the meeting and initiate the agenda of the meeting.

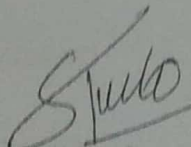
The following business has been transacted in the Meeting.


The Ad-hoc Committee in Economics prepared and submitted final draft syllabi of all Compulsory and Optional Papers of M.A. Part-II (Economics) for Semester-III and Semester-IV as per Semester and Credit Grade System appended herewith as appendices - A to P which is implemented or to be implemented from 2018-2019 Session.

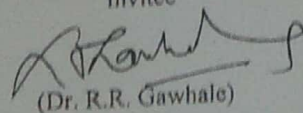
The meeting ended with the vote of thanks to the Chair.

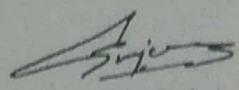
  
(Dr. K.R. Rajput)  
Chairperson


Ad-hoc Committee in Economics

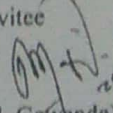
  
(Dr. S.T. Kute)  
Member

  
(Dr. R.B. Bhandwalkar)  
Invitee

  
(Dr. R.R. Gawhale)  
Invitee

  
(Dr. S.R. Gurjar)  
Member

  
(Dr. K.V. Sable)  
Invitee

  
(Dr. V.M. Gawande)  
Invitee



Criteria  
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Ac - Cm. Sc. Biotechnology / 28/05/2010

(30)

*Minute No. 36*

Minutes of Academic Council

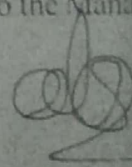
Meeting Dt. 28/5/2010

Item No. 36

(Acad.)

Draft Regulation regarding Schemes for Choice Based Credit System (CBCS) and Awarding grades to the Post Graduate students in the faculty of Science

Considered Draft Regulation regarding Schemes for Choice Based Credit System (CBCS) and awarding Grades to the Post Graduate students in the faculty of science as circulated vide Page No. A-4002 to A-4014 in Book No. 13 of 2010 and the Council resolved to refer the said Draft Regulation to Ordinance Committee for its onward submission to the Management Council



Deputy Registrar (Acad.)  
Sant Gadge Baba Amravati University  
Amravati.

Sh. Sawai

AC - (M.Sc. Biotechnology)

30-A

18/4/2013

*Minute No. 29*

Minutes of Academic Council

Meeting Dt. 18/4/2013

Item No. : 29

(Acad.)

Separate ordinance for M.Sc. Biotechnology

Consideration regarding framing of a separate Ordinance for M.Sc. Biotechnology under C.B.C.S. system which was recommended by the Faculty of Science of its meeting held on 1/3/2013 and which was circulated vide page Nos. A-8607 to A-8608 in Book No. 1 of 2013 was dropped by the Academic Council. Further Council also opined that there shall be a uniform policy for all M.Sc. programmes under C.B.C.S. system.

Consideration Dropped.

By, Registrar (Acad.)  
Sri. Ganga Bala Agrawal University  
Amritsar

Sh. A. D. Kale



(I) FACULTY OF HUMANITIES :

29

The Council considered and approved the syllabus of Semester and Credit Grade System of the courses in the Faculty of Humanities with resolution under Para A including computation of C.G.P.A. and three (3) additional chances to failure students.

Accepted and recommended the draft schemes of teaching & examination along with provisions of Draft Ordinances / Regulations for B.A. and M.A. Courses in Semester pattern with Credit Grade System which are circulated vide page Nos. A-3237 to A-3245 in Book No. 10 of 2017.

(i) Board of Studies previously in the Faculty of ARTS :

a) **Board of Studies in English**

**R-1 Draft syllabi :**

accepted draft syllabi as per Semester Pattern and Credit Grade System for B.A.Part-I (Compulsory English, English Literature, Supplementary English & Functional English) and M.A.Part-I (English) to be implemented from the session 2017-2018, which are circulated vide page Nos. A-3605 to A-3634 in Book No. 10 of 2017.

b) **Board of Studies in Marathi**

**R-1 Draft syllabi :**

accepted draft syllabi as per Semester Pattern and Credit Grade System for B.A.Part-I, II & Final (Compulsory Marathi, Marathi Literature, and M.A.Part-I & II (Marathi)) to be implemented from the session 2017-18 & Onwards, which are circulated vide page Nos. A-3565 to A-3603 in Book No. 10 of 2017.

c) **Board of Studies in Sanskrit**

**R-1 Draft syllabi :**

accepted draft Syllabi as per Semester Pattern and Credit Grade System for B.A.Part-I, II and final (Compulsory Sanskrit, Sanskrit Literature) from the session 2017-18 and onwards and M.A.Part-I (Sanskrit) to be implemented from the session 2017-2018, which are circulated vide page Nos. A-3157 to A-3168 and A-4049 to A-4052 in Book No. 10 of 2017.

d) **Board of Studies in Hindi**

**R-1 Draft syllabi:**

accepted draft Syllabi as per Semester Pattern and Credit Grade System for B.A.Part-I, (Compulsory Hindi, Hindi Literature and Proyojan Mulak Hindi), M.A.I (Hindi) and M.A.Part-I (Translation Hindi) to be implemented from the session 2017-2018 which are circulated vide page Nos. A-3123 to A-3156 in Book No. 10 of 2017.

e) **Board of Studies in Music**

**R-1 Draft syllabi :**

accepted draft Syllabi as per Semester Pattern and Credit Grade System for B.A.Part-I, II & Final (Music) and M.A.Part-I & II (Music), to be implemented from the session 2017-18 & onwards which are circulated vide page Nos. A-3169 to A-3184 in Book No. 10 of 2017.

f) **Board of Studies in Pali & Prakrit**

**R-1 Draft syllabi :**

accepted draft Syllabi as per Semester Pattern and Credit Grade System for B.A. Part-I, (Compulsory Pali & Prakrit, Pali & Prakrit Literature), and M.A.Part-I (Pali & Prakrit), to be implemented from the session 2017-2018, which are circulated vide page Nos. A-3185 to A-3197 in Book No. 10 of 2017.

g) **Board of Studies in Urdu**

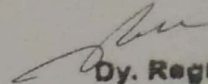

**R-1 Draft syllabi :**

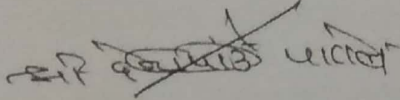
accepted draft syllabi as per Semester Pattern and Credit Grade System for B.A.Part-I, II & Final (Compulsory Urdu and Urdu Literature) and M.A.Part-I & II (Urdu), to be implemented from the session 2017-18 & Onwards which are circulated vide page Nos. A-3198 to A-3226 in Book No 10 of 2017.

**h) Board of Studies in Persian & Arabic**

**R-1 Draft syllabi :**

accepted draft syllabi as per Semester Pattern and Credit Grade System for B.A.Part-I, II & Final (Persian Literature), to be implemented from the session 2017-18 & Onwards, which are circulated vide page Nos. A-3227 to A-3235 in Book No. 10 of 2017.

  
**Dy. Registrar (Acad.)**  
Sant Gadge Baba Amravati University  
Amravati  






Cr-I

1.1

3/5/2018

Ad-hoc committee (Political Sci.)  
SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI

4

MINUTES

Minutes of the Adjourned Meeting of Ad-hoc Committee in Political Science held on Thursday, the 3<sup>rd</sup> May, 2018 at 12.00 Noon in Room No. 206, IInd Floor, Main Administrative Building, Sant Gadge Baba Amravati University, Amravati.

The Following members were present for the meeting.

- |                      |    |             |
|----------------------|----|-------------|
| 1. Dr.S.S. Gawai     | .. | Chairperson |
| 2. Dr.N.R. Nimbalkar | .. | Member      |
| 3. Dr.S.B. Chakwe    | .. | Member      |
| 4. Dr.S.P. Chavan    | .. | Invitee     |
| 5. Dr. K.H. Wasnik   | .. | Invitee     |

At the beginning of the meeting, Chairman welcomed the members present for the meeting and initiate the agenda of the meeting.

The following business has been transacted in the Meeting.

The Ad-hoc Committee in Political Science Peruse and finalized the draft Syllabi of all Papers (Compulsory and Optional) of M.A. Part-II (Sem-III & Sem-IV) as per Semester and Credit Grade System and submitted it to the Office herewith as appendices A to L. (Total 12 Papers).

The Ad-hoc Committee considered the letter received from Dr.Ku. P.A. Bhorjar, G.V.I.S.H., Amravati. The committee peruse the said letter and at the end of large discussion in the meeting, the committee resolved to revise/correct the syllabi of M.A. Part-I (Sem-I & Sem-II) which was prepared as per Semester and Credit Grade System for 2017-2018 Session. The final copy of revise/correct syllabi is submitted herewith as appendices A, B, C. & D.

The meeting ended with the vote of thanks to the Chair.

(Prin.Dr.S.S. Gawai)

Chairperson

Ad-hoc Committee in Pol.Sci.

(Dr. N.R. Nimbalkar)

Member

(Dr.S.B. Chakwe)

Member

(Dr.S.P. Chavan)

Invitee

(Dr.K.H. Wasnik)

Invitee

MINUTES

19

Minutes of the Meeting of Ad-hoc Committee in Dr. Babasaheb Ambedkar Thought held on Friday, the 15<sup>th</sup> June, 2018 at 12.00 Noon in Room No. 206, II<sup>nd</sup> Floor, Main Administrative Building, Sant Gadge Baba Amravati University, Amravati.

The Following members were present for the Meeting.

- |                         |    |             |
|-------------------------|----|-------------|
| 1. Dr. M.H. Tayade      | .. | Chairperson |
| 2. Prin.Dr. S.S. Gawai  | .. | Member      |
| 3. Dr. Ravindra Mundre  | .. | Member      |
| 4. Dr. Milind D. Jadhao | .. | Member      |

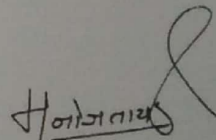
Prin.Dr. S.S. Gawai, Karanja (Lad) has telephonically informed his inability to attend the meeting. The committee granted him a leave of absence.

At the beginning of the meeting, Chairperson welcomed the members present for the meeting and initiate the agenda of the meeting.

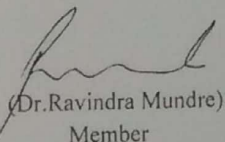
The following business has been transacted in the Meeting.

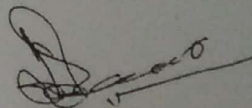
The Ad-hoc Committee in Dr. Babasaheb Ambedkar Thought prepared the draft syllabi of Paper I & II of III Semester and Paper-I of IV Semester as per Semester and Credit Grade System which is to be implemented from the Academic Session 2018-2019 and onwards. Final recommendations will be made in the next meeting of the Committee which is to be held on 19<sup>th</sup> & 20<sup>th</sup> June, 2018 till then, the meeting is adjourned.

The meeting ended with the vote of thanks to the Chair.

  
(Dr. M.H. Tayade)

~~Working~~ Chairperson  
Ad-hoc Committee in Dr.B.A. Thought

  
(Dr. Ravindra Mundre)  
Member

  
(Dr. M.D. Jadhao)  
Member

FN/BOS/Min/25

BOS (M.A. Dr. Babasaheb Ambedkar Thoughts)

15<sup>th</sup> June - 2018



मुद्रा ५.५१

(23)

दिनांक ११, १२ व १३ मे, १०१७ रोजी झालेल्या मराठी अभ्यासमंडळाच्या सभा संपन्न झाल्यात सभेमध्ये खालीलप्रमाणे सदस्य उपस्थित होते.

		दि. ११.५.२०१७	दि. १२.४.२०१७	दि. १३.५.२०१७
१) डॉ. जी. बी. जाधव	(अध्यक्ष)	उपस्थित	उपस्थित	उपस्थित
२) डॉ. मनोज तायडे	(सदस्य)	उपस्थित	उपस्थित	उपस्थित
३) डॉ. केशव फाले	(सदस्य)	उपस्थित	उपस्थित	उपस्थित
४) डॉ. अ. एच. कांबळे	(सदस्य)	उपस्थित	उपस्थित	उपस्थित
५) डॉ. के. व्ही. बन्हाते	(सदस्य)	उपस्थित	उपस्थित	अनुपस्थित
६) डॉ. आर. एस. हावरे	(सदस्य)	अनुपस्थित	उपस्थित	उपस्थित
७) डॉ. एस. डब्ल्यू. चव्हाण	(सदस्य)	उपस्थित	उपस्थित	उपस्थित

बी.ए. भाग-१, २ व ३ मराठी अनिवार्य व मराठी वाङ्मय व तसेच एम.ए. भाग-१ व २ (मराठी) या विषयाच्या अभ्यासक्रम तयार करण्यासाठी सविस्तर चर्चा करून बी.ए. भाग-१, २ व ३ मराठी अनिवार्य व मराठी वाङ्मय या विषयाच्या अभ्यासक्रम पुनर्रचनेसाठी सविस्तर चर्चा करून अभ्यासक्रमाचे प्रारूप, प्रश्नपत्रिकेचे स्वरूप आणि गुणविभागणी, आदी कामे पूर्ण करून त्यास मान्यता देण्यात आली. तसेच बी.ए. आवश्यक मराठी सत्र एक ते सहाची संपादित पुस्तके, बी.ए. मराठी वाङ्मय सत्र एक व दोन साठी संपादित केलेले "अर्वाचीन मराठी कविता" हे पुस्तक बी.ए. मराठी वाङ्मय सत्र तीन करिता संपादित केलेले 'निवडक मराठी कथा' ही पाच पुस्तके राघव पब्लिशर्स अँड डिस्ट्रीब्युटर्स, नागपूर यांना प्रकाशनार्थ देण्याचा निर्णय सर्वानुमते घेण्यात आला. सदर अभ्यासक्रम कला विद्याशाखेसमोर शिफारशीकरीता पाठविण्यात यावेत.

अध्यक्षांनी सर्व सभासदांचे आभार मानून सभा संपली.

डॉ. जी. बी. जाधव  
(अध्यक्ष)

२) डॉ. मनोज तायडे

३) डॉ. अ. एच. कांबळे

४) डॉ. के. व्ही. बन्हाते

५) डॉ. आर. एस. हावरे

६) डॉ. केशव फाले

७) डॉ. एस. डब्ल्यू. चव्हाण



cn. 1.1

B.O.S (Computer Science & Engg.)

3

cn 1.1.

held on 6/8/2020

Sant Gadge Baba Amravati University, Amravati

Minutes of the emergency On-line meeting of the Board of Studies in Computer Science & Engineering Faculty of Science & Technology regarding preparation of the syllabi of Semester III & IV of B.E. (Computer Science & Engg.) as per A.I.C.T.E. Model Curriculum held on 6<sup>th</sup> August, 2020 at 3.00 p.m.

The following members were present for the meeting.

- 1) Dr.G.R. Bamnote (Chairperson)
- 2) Dr.S.S.Agrawal
- 3) Dr.S.Y.Amdani
- 4) Dr.S.P.Deshpande
- 5) Dr.(ku) S.S. Dhande
- 6) Dr.P.M.Jawandhiya
- 7) Dr. S.L.Satarkar
- 8) Dr.Smt.R.R. Shelke
- 9) Dr. Smt. S.S. Sherekar
- 10) Dr.M.M. Potey
- 11) Dr.S.A. Bhura
- 12) Dr.G. Harkut
- 13) Dr.(Ku.) A.B. Raut
- 14) Shri Dinesh Motey

At the outset of the meeting, the Chairman welcomed all the members present for the emergent meeting of the Board of Studies and started the business of the meeting.

Following items had been transacted in the meeting.

Item No. 1 : To prepare and recommend the draft syllabus of Sem. III & IV of B.E. (Computer Science & Engg. / Comp.Engg.) as per A.I.C.T.E. Model Curriculum.

The Board of Studies prepared the syllabi of Sem. III & IV of B.E. (Computer Science & Engg. / Comp.Engg.) as per A.I.C.T.E. Model Curriculum and recommended the same to the Faculty of Science & Technology to be implemented from the session 2020-21 & onwards.

Item No.2 : To recommend the chances / Scheme of Equivalence & Absorption for the Old Course failure students

The Board of Studies prepared the chances & scheme of Equivalence & Absorption for the Old Course failure students of Sem. III & IV of B.E. (Computer Science & Engg./Comp.Engg.) and recommended the same to the Faculty of Science & Technology to be implemented from Winter - 2020 examination & onwards.

The Chairman of the B.O.S. is authorized to submit the syllabi and the Scheme of equivalence on behalf of the B.O.S.

\* Item by the permission of the Chair :

The Board of Studies also prepared and submitted the draft syllabus of II & III year of Three year M.C.A. Course in line with the Two year M.C.A. Course which is to be implemented from the session 2020-21 & onwards in phase wise manner. The B.O.S. recommended the same to the Faculty of Science & Technology for implementation of it from the session 2020-21 & onwards. (Aty-A)

Record of the proceedings of the meeting :

The meeting started at 3.00 p.m. and completed the business by 6.00 p.m. with considering Item nos. 1 and 2 on the agenda regarding preparation of the syllabi of Sem. III & IV of B.E. (Computer Science & Engg. / Comp.Engg.), II & III year of three year M.C.A. Course and Chances / scheme of Equivalence & Absorption for the Old course failure students.



Minutes of the adjourned meeting of the Board of Studies in Chemical & Polymer Technology in the Faculty of Engineering & Technology held on Tuesday, 25.8.2015 at 11.30 a.m. in the University.

16

1) The following members were present at the meeting

1. Dr.P.V.Thorat (Chairman)
2. Dr.V.S.Sapkal
3. Dr.S.D.Dawande

Dr.A.N.Vaidya & Dr.J.P.Kaware conveyed their inability to attend the B.O.S.meeting and the B.O.S. accepted their leave of absence.

2) Following business has been transacted in the meeting.

#### PROPOSALS REGARDING CHANGES IN SYLLABI.

Item No. 41:- Since no proposals were received by the members of B.O.S., B.O.S. noted the item.

#### RECOMMENDED BOOK/BOOKS RECEIVED FROM PUBLISHERS.

Item No. 42:- Since no books were received, the B.O.S. noted the item.

#### ORGANISATION OF ORIENTATION AND REFRESHER COURSES.

Item No. 43:- The B.O.S. resolved to recommend to B.C.U.D. to send the proposal to A.S.C. and requested Academic Staff College to organize Orientation & Refresher Courses in the interdisciplinary subjects pertaining to Chemical Engg. & chemical Technology such as Waste Management, Air Pollution Control, Environment Management disaster Management, Industrial Safety & Mgmt., Energy Management, renewable Energy Sources, Research Methodology, Interpreneurship etc.

#### REQUIREMENTS IN RESPECT OF TEACHING OF THE SUBJECT.

Item No. 44:- The requirements in respect of Teaching of the subjects shall be as per the norms & standards of A.I.C.T.E. and the University.

विद्यापीठ अनुदान आयोगाने निर्देशित केल्याप्रमाणे विद्यापीठमध्ये Choice Based Credit System पद्धती लागू करण्याबाबत.

Item No.45 :- The enclosureS vide Page No.S.A-1349 to A-1357 & A-1415 has been circulated to the B.O.S.members and the B.O.S. resolved to accept and recommend the item to the Faculty for detail discussion and taking a policy decision.

#### 46- ITEM BY PERMISSION OF THE THE CHAIR :

i) Letter received from the Secretary, U.G.C. New Delhi : The office circulated the letter received from the Secretary, U.G.C. New Delhi bearing No. A-1662 to the B.O.S. members and it is decided by the B.O.S. to incorporate the topics such as Weapons of Mass Destruction, Disarmment, peaceful uses of Chemistry in the syllabus of 6<sup>th</sup> Unit of Nuclear Energy of Chemical Engg. Course in the subject Prof.Elect.-II 8CH04 Energy & Environment of B.E.Sem.VIII B.Tech. (Chemical Engg.). It is further recommended to Faculty for accord of onward approval.

Record of the proceedings of the meeting :

The meeting started at 11.30 a.m. the consideration of item nos.41 to 45 was over by 5.00 p.m. Appendix-A (Containing page Nos.1 to 12) in two copies were circulated amongst the members and were shown to each member. Every page containing in the appendix was signed by the Chairman and all pages were sealed in a large sized cover by the deputy registrar under his seal in the meeting itself.

#### Confirmation of minutes :

Copy of the minutes of the meeting on pages (Board of Studies -2015- Chemical & Polymer Technology.- Minutes) 3 to 4 were circulated amongst the members, were read and confirmed at 2.30 p.m. after confirmation of minutes chairman thanked the members for extending co-operation in the conduct of business of the meeting and declared that the meeting is over.

Amravati  
Dated : 25/08/2015

*[Signature]*  
25/8/2015

*[Signature]*  
25/08/15

(Dr.P.V.Thorat)  
Chairman,  
B.O.S. in Chemical & Polymer Technology

3 Dr.S.D.Dawande

BOS B. Tech chemical Tech.

25/08/2015



(B.O.S) - B-Tech (Chem.)  
28/8/2019

(2)

Sant Gadge Baba Amravati University, Amravati

Minutes of the emergency meeting of the Committee as constituted by the Hon'ble Vice-Chancellor regarding adoption of A.I.C.T.E. Model Curriculum held on 28/08/2019 on 12.00 noon in Room No. 206 2<sup>nd</sup> floor, main administrative building, Sant Gadge Baba Amravati University Campus in the University.

The following members were present at the meeting.

- 1) Dr.V.S.Sapkal (Chairman)
- 2) Dr.P.V.Thorat (Member)
- 3) Dr.A.B.Naik (Member)

At the outset of the meeting, the office welcomed the Chairman and the members of the Committee as constituted by the Hon'ble Vice-Chancellor present at the meeting and requested the Chairman to start the business of the meeting.

The Chairman informed the Committee that Dr.P.B.Shingwekar, member of the Committee communicated his absenty and requested to take leave of absence and the Committee accepted it.

Item No. 1

- (A) The Committee considered and noted the letters received from the Member Secretary, A.I.C.T.E. New Delhi Director, D.T.E. M.S., Mumbai dated 8/6/2018 and 16/04/2018, regarding to adopt and to implement A.I.C.T.E. Model Curriculum for Engineering & Technology Courses.
- (B) The Committee discussed in detail on the A.I.C.T.E. Model Curriculum Guidelines of B.Tech. (Chemical Tech.) and the earlier existing Schemes and syllabi and prepared and the submitted the Schemes of teaching & examination of along with the syllabus of Sem. I & II of B.Tech. (Chemical Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.) as per A.I.C.T.E. Model Curriculum Guidelines regarding implementation of A.I.C.T.E. Model Curriculum for Engineering & Technology Courses. Committee unanimously accepted and resolved to recommend not to change the syllabi as recommended by the earlier respective Board of Studies and as approved by the Academic Council of its meeting held on 28/5/2010 vide Item No.49 (I) (R1) to be implemented from the academic session 2019-2020 & onwards in phase wise manner as under :

(Sem. - I) Theory

Practical

1SCT1 Applied Inorganic Chemistry  
1SCT2 Engineering Physics  
1SCT3 Engineering Maths - I  
1SCT4 Computer Programming  
1SCT5 Mechanical Technology

1SCT6 Applied Inorganic Chemistry- LAB.  
1SCT7 Engineering Physics - lab.  
1SCT8 Computer Programming- Lab.

(Sem. - II) Theory

Practical

2SCT1 Applied Physical Chemistry  
2SCT2 Basic Electrical Engineering  
2SCT3 Engineering Mechanics  
2SCT4 Engineering Graphics

2SCT6 Applied Physical Chemistry- LAB.  
2SCT7 Basic Electrical Engineering - lab.  
2SCT8 Engineering Mechanics - Lab.  
2SCT9 Engineering Graphics - Lab.  
2SCT5 Workshop  
2SCT10 English Communication Skills

- (C) The Committee unanimously resolved to accept and recommend that the draft provisions as provided by the Ad-hoc Committees in respect of the syllabi of B.E./B.Text/B.Tech. (Polymer) Plastic shall remain unchanged except the inclusion of the branches which are in the University Deptt. i.e. (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.).
- (D) The Committee unanimously resolved to accept and recommend to give 1 +2 i.e. Three (3) chances for the failure students of Old Course subjects of B.Tech. (Chemical Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.) to be implemented from Winter-2019 examination & onwards.

After confirmation of the minutes, the Chairman of the Committee thanked the members present at the meeting and declared that the meeting is over.

Dr.P.V.Thorat

Dr.A.B.Naik

(Dr.V.S.Sapkal)  
Chairman



Minutes of the adjourned meeting of the Board of Studies in Chemical & Polymer Technology in the Faculty of Engineering & Technology held on Tuesday, 25.8.2015 at 11.30 a.m. in the University.

16

1) The following members were present at the meeting

1. Dr.P.V.Thorat (Chairman)
2. Dr.V.S.Sapkal
3. Dr.S.D.Dawande

Dr.A.N.Vaidya & Dr.J.P.Kaware conveyed their inability to attend the B.O.S.meeting and the B.O.S. accepted their leave of absence.

2) Following business has been transacted in the meeting.

#### PROPOSALS REGARDING CHANGES IN SYLLABI.

Item No. 41:- Since no proposals were received by the members of B.O.S., B.O.S. noted the item.

#### RECOMMENDED BOOK/BOOKS RECEIVED FROM PUBLISHERS.

Item No. 42:- Since no books were received, the B.O.S. noted the item.

#### ORGANISATION OF ORIENTATION AND REFRESHER COURSES.

Item No. 43:- The B.O.S. resolved to recommend to B.C.U.D. to send the proposal to A.S.C. and requested Academic Staff College to organize Orientation & Refresher Courses in the interdisciplinary subjects pertaining to Chemical Engg. & chemical Technology such as Waste Management, Air Pollution Control, Environment Management disaster Management, Industrial Safety & Mgmt., Energy Management, renewable Energy Sources, Research Methodology, Interpreneurship etc.

#### REQUIREMENTS IN RESPECT OF TEACHING OF THE SUBJECT.

Item No. 44:- The requirements in respect of Teaching of the subjects shall be as per the norms & standards of A.I.C.T.E. and the University.

विद्यापीठ अनुदान आयोगाने निर्देशित केल्याप्रमाणे विद्यापीठमध्ये Choice Based Credit System पद्धती लागू करण्याबाबत.

Item No.45 :- The enclosureS vide Page No.S.A-1349 to A-1357 & A-1415 has been circulated to the B.O.S.members and the B.O.S. resolved to accept and recommend the item to the Faculty for detail discussion and taking a policy decision.

#### 46- ITEM BY PERMISSION OF THE THE CHAIR :

i) Letter received from the Secretary, U.G.C. New Delhi : The office circulated the letter received from the Secretary, U.G.C. New Delhi bearing No. A-1662 to the B.O.S. members and it is decided by the B.O.S. to incorporate the topics such as Weapons of Mass Destruction, Disarmment, peaceful uses of Chemistry in the syllabus of 6<sup>th</sup> Unit of Nuclear Energy of Chemical Engg. Course in the subject Prof.Elect.-II 8CH04 Energy & Environment of B.E.Sem.VIII B.Tech. (Chemical Engg.). It is further recommended to Faculty for accord of onward approval.

Record of the proceedings of the meeting :

The meeting started at 11.30 a.m. the consideration of item nos.41 to 45 was over by 5.00 p.m. Appendix-A (Containing page Nos.1 to 12) in two copies were circulated amongst the members and were shown to each member. Every page containing in the appendix was signed by the Chairman and all pages were sealed in a large sized cover by the deputy registrar under his seal in the meeting itself.

#### Confirmation of minutes :

Copy of the minutes of the meeting on pages (Board of Studies -2015- Chemical & Polymer Technology.- Minutes) 3 to 4 were circulated amongst the members, were read and confirmed at 2.30 p.m. after confirmation of minutes chairman thanked the members for extending co-operation in the conduct of business of the meeting and declared that the meeting is over.

Amravati  
Dated : 25/08/2015

*[Signature]*  
25/8/2015

*[Signature]*  
25/08/15

(Dr.P.V.Thorat)  
Chairman,  
B.O.S. in Chemical & Polymer Technology

3 Dr.S.D.Dawande

BOS

B. Tech chemical Tech.

25/08/2015



BOS - B. Tech Chemical Technology

7/9/2019

(17)

Sant Gadge Baba Amravati University, Amravati

Minutes of the emergency meeting of the Ad-hoc Committee in Humanities & Applied Science, General Engineering in the Faculty of Science & Technology regarding adoption of A.I.C.T.E. Model Curriculum for bridge Courses for the Course B.Tech. (Chem.Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Technology) held on 07/09/2019 on 12.00 noon in Room No. 206, 2<sup>nd</sup> floor, main administrative building, Sant Gadge Baba Amravati University Campus in the University.

The following members were present at the meeting.

- 1) Dr.R.S.Bobade
- 2) Dr.N.A.Patil
- 3) Dr.(Ku.) M.R.Ugale
- 4) Dr.G.G.Muley

At the outset of the meeting, Deputy Registrar (Acad.) welcomed the members of the Ad-hoc Committee present at the meeting and requested the Ad-hoc Committee to start the business of the meeting.

The members present of the Ad-hoc unanimously resolved and requested Dr. R.S.Bobade to act as Working Chairperson for the meeting of the Ad-hoc Committee and he accepted the request.

Item-wise recommendations of the Ad-hoc Committee are as under :

ITEM NO. : 1

- (A) The Ad-hoc Committee considered and noted the letters received from the A.I.C.T.E. & D.T.E. regarding adoption of A.I.C.T.E. Model Curriculum for Engg. & Tech. Courses.
- (B) The Ad-hoc Committee recommended that the syllabi of the subjects ISCT2 Engg. Physics, ISCT7 Engg. Physics- Lab., ISCT3 Eng. Maths - I, shall be same as per the syllabi of the subjects 1A2 Engg. Physics, 1A6- Engg. Physics- Lab. and 1A1 Engg Maths- I in line with the A.I.C.T.E. Model Curriculum and the guidelines as per Appendix-A. The Ad-hoc Committee unanimously resolved to accept and recommend the same to be implemented from the academic session 2019-2020 & onwards in phase-wise manner. *respectively*
- (C) The existing direction No. 30 of 2010 regarding Schemes of teaching & examination of Sem. I to II of the Course to be amended according as per the recommendations given as per Direction No. 26/2019 of B.E./B. Text./B.Tech.(Chem.) [common to all branches].
- (D) The Ad-hoc Committee resolved to accept and recommend Four (4) chances for the Old Course failure students of of Sem. I & II of B.Tech. (Chemical Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.) i.e. from Winter-2019 upto Winter-2021 and from Summer-2022 they will have to appear for the new syllabi as per A.I.C.T.E Model Curriculum.

Item by permission of the Chair :

Preparation of the panels of paper setters and examiners of the subjects of Sem. I & II B.Tech. (C.T.)

The Ad-hoc Committee unanimously resolved to recommend that as the syllabi of the subjects ISCT2 Engg. Physics, ISCT7 Engg. Physics- Lab., ISCT3 Eng. Maths - I and 1A2 Engg. Physics, 1A6- Engg. Physics- Lab. and 1A1 Engg Maths- I are same which are recommended by the Ad-hoc Committee, Committee resolved that the panels of the subjects which are submitted earlier shall be used for the subjects of Sem. I & II of B.Tech. (Chem.Tech.) of the University Dept. *The Committee also prepared & submitted the syllabi of 2SCT10 - Eng. Communication Skills which will be same*  
The Ad-hoc Committee further resolved that the Working Chairman will submit the recommendation of the subject ISCT1 App. Inorganic Chemistry and ISCT6 App. Inorganic Chemistry - lab. and 2SCT1 App. Physical Chemistry and 2SCT6 App. Physics Chemistry-lab. to the office as early as possible. *done*

After confirmation of the minutes, the Chairman of the Ad-hoc Committee thanked the members present at the meeting and declared that the meeting is over.

Amravati.

Date : 07/09/2019

Dr.(Ku.)M.R.Ugale

Dr.N.A.Patil

Dr.G.G.Muley

(Dr.R.S.Bobade)  
Working Chairman

[⊗] as per the syllabi of 1B2 - Eng. Comm. Skills as recommended by in the earlier meeting dtd. 11-8-19 by the Ad-hoc Committee



cn. 1.1

B.O.S (Computer Science & Engg.)

3

cn 1.1.

held on 6/8/2020

Sant Gadge Baba Amravati University, Amravati

Minutes of the emergency On-line meeting of the Board of Studies in Computer Science & Engineering Faculty of Science & Technology regarding preparation of the syllabi of Semester III & IV of B.E. (Computer Science & Engg.) as per A.I.C.T.E. Model Curriculum held on 6<sup>th</sup> August, 2020 at 3.00 p.m.

The following members were present for the meeting.

- 1) Dr.G.R. Bamnote (Chairperson)
- 2) Dr.S.S.Agrawal
- 3) Dr.S.Y.Amdani
- 4) Dr.S.P.Deshpande
- 5) Dr.(ku) S.S. Dhande
- 6) Dr.P.M.Jawandhiya
- 7) Dr. S.L.Satarkar
- 8) Dr.Smt.R.R. Shelke
- 9) Dr. Smt. S.S. Sherekar
- 10) Dr.M.M. Potey
- 11) Dr.S.A. Bhura
- 12) Dr.G. Harkut
- 13) Dr.(Ku.) A.B. Raut
- 14) Shri Dinesh Motey

At the outset of the meeting, the Chairman welcomed all the members present for the emergent meeting of the Board of Studies and started the business of the meeting.

Following items had been transacted in the meeting.

Item No. 1 : To prepare and recommend the draft syllabus of Sem. III & IV of B.E. (Computer Science & Engg. / Comp.Engg.) as per A.I.C.T.E. Model Curriculum.

The Board of Studies prepared the syllabi of Sem. III & IV of B.E. (Computer Science & Engg. / Comp.Engg.) as per A.I.C.T.E. Model Curriculum and recommended the same to the Faculty of Science & Technology to be implemented from the session 2020-21 & onwards.

Item No.2 : To recommend the chances / Scheme of Equivalence & Absorption for the Old Course failure students

The Board of Studies prepared the chances & scheme of Equivalence & Absorption for the Old Course failure students of Sem. III & IV of B.E. (Computer Science & Engg./Comp.Engg.) and recommended the same to the Faculty of Science & Technology to be implemented from Winter - 2020 examination & onwards.

The Chairman of the B.O.S. is authorized to submit the syllabi and the Scheme of equivalence on behalf of the B.O.S.

\* Item by the permission of the Chair :

The Board of Studies also prepared and submitted the draft syllabus of II & III year of Three year M.C.A. Course in line with the Two year M.C.A. Course which is to be implemented from the session 2020-21 & onwards in phase wise manner. The B.O.S. recommended the same to the Faculty of Science & Technology for implementation of it from the session 2020-21 & onwards. (Aty-A)

Record of the proceedings of the meeting :

The meeting started at 3.00 p.m. and completed the business by 6.00 p.m. with considering Item nos. 1 and 2 on the agenda regarding preparation of the syllabi of Sem. III & IV of B.E. (Computer Science & Engg. / Comp.Engg.), II & III year of three year M.C.A. Course and Chances / scheme of Equivalence & Absorption for the Old course failure students.



(10)

20/5/2017

MINUTES

Minutes of the Adjourned Meeting of Board of Studies in Economics held on Saturday, the 20<sup>th</sup> May, 2017 at 12.00 Noon in Room No. 206, IInd Floor, Main Administrative Building, Sant Gadge Baba Amravati University, Amravati for the preparation of the Syllabi for B.A. & M.A. Courses.

The Following members were present for the meeting.

1. Dr. S.T. Kute	..	Chairman
2. Dr.P.J. Katole	..	Member
3. Dr. R.R. Gawhale	..	Member
4. Dr.P.R. Rajput	..	Member
5. Dr.S.S. Naik	..	Member
6. Dr. R.B. Bhandwalkar	..	Member
7. Dr. T.V. Munde	..	Member
8. Dr. H.R. Tiwari	..	Member
9. Dr. V.M.Gawande	..	Spl. Invitee

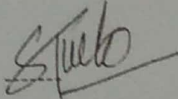
At the beginning of the meeting, Chairman welcomed the members present for the meeting and initiate the agenda of the meeting.

The following business has been transacted in the Meeting.

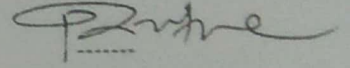
The Board of Studies Prepare and finalized the syllabus of Sem.-I to VI of B.A. Part-I, II & III & Sem-I and Sem-II of M.A. Part-I prepared and submitted herewith as appendices A, B. & C. which is to be implemented form Academic Session, 2017-2018 Session as per Semester and Credit Grade System.

The meeting ended with the vote of thanks to the Chair.

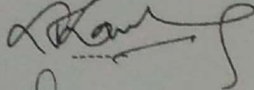
(Dr.S.T. Kute)



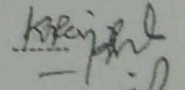
(Dr.P.J. Katole)



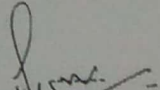
(Dr. R.R. Gawhale)



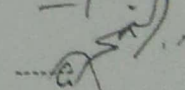
(Dr.P.R. Rajput)



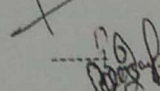
(Dr. T.V. Munde)



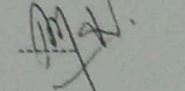
(Dr. H.R. Tiwari)



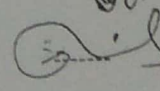
(Dr.R.B. Bhandwalkar)



(Dr.V.M. Gawande)



(Dr.S.S. Naik)





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B.O.S English.

17.5.2017

Sant Gadge Baba Amravati University,

### MINUTES

Minutes of the Emergent Meeting of Board of Studies in English held on Wednesday, the 17<sup>th</sup> May, 2017 at 12.00 Noon in Room No.206, 11<sup>nd</sup> Floor, Main Administrative Building, Sant Gadge Baba Amravati University, Amravati for the preparation of the Syllabi for B.A. and M.A. Courses.

The Following members were present for the meeting.

- 1) Dr. Kulat A.L. (Chairman)
- 2) Dr. Joshi S.P.
- 3) Dr. Smt. A.G. Vaidya
- 4) Dr. K.V. Mehare
- 5) Dr. S.D. Chavan
- 6) Dr. Sau. Madhuri K Phule

At the beginning of the meeting, Chairman welcomed the members present for the meeting and initiate the agenda of the meeting.

The following business has been transacted in the meeting.

Item No 56

The content, marking scheme and model paper of M.A. Part-I (English) are finalized and submitted to the Academic Section.

Semester I and II

Special Invitee for the said works Dr. Avinash Deshmukh, ~~Shri Vivek Deshmukh~~ <sup>was</sup> invited.

~~They were~~ present and participated in the said meeting

He was

The meeting is ended with the vote of thanks to the chair.

Dr. Kulat A.L.  
(Chairman)

2) Dr. Joshi S.P.

3) Dr. Smt. A.G. Vaidya

4) Dr. K.V. Mehare

5) Dr. S.D. Chavan

6) Dr. Sau. Madhuri K Phule

7) Dr. Avinash Deshmukh (Special Invitee)

8) ~~Shri Vivek Deshmukh (Special Invitee)~~



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B.O.S (History) 24/4/2017

SANT GADGE BABA AMRAVATI UNIVERSITY

MINUTES

Minutes of the Emergent Meeting of Board of Studies in History held on Monday, the 24<sup>th</sup> April, 2017 at 12.00 Noon in Room No. 206, IInd Floor, Main Administrative Building, Sant Gadge Baba Amravati University, Amravati for preparation of the syllabi of U.G. & P.G. Courses as per Semester Pattern.

The Following members were present for the meeting.

1. Dr.R.T. Vaidya	...	Chairman
2. Dr.N.A. Bhorjar	..	Member
3. Dr.S.P. Bansod	..	Member
4. Dr.N.V. Changole	..	Member
5. Dr.N.W. Dhale	..	Member
6. Dr.Mrs.S.K. Umale	..	Member
7. Dr.G.S. Mahadik	..	Member
8. Shri Manojkumar Kurmi	..	Member
9. Dr.P.P. Yeole,	..	Special Invitee
10. Dr.Sachitanand S. Bichewar,	..	Special Invitee

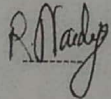
At the outset, Chairman welcomed the members present for the meeting.

The following business has been transacted in the Meeting.

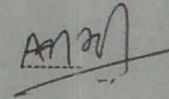
The healthy discussion was held on the decision of the Faculty regarding implementation of Semester and Credit Grade System in Under Graduate and Post Graduate Courses. Taking into consideration the Board of Studies decided to prepare and recommended the new draft syllabi for Semester-I to Semester-IV of B.A Part-I & II and Semester-I to Semester-IV of M.A. Part-I and II as per Semester and Credit Grade System and submitted the above mentioned syllabi of Sem-I to IV for B.A. and M.A. Course as appendix-A & B appended herewith.

The meeting ended with the vote of thanks to the Chair.

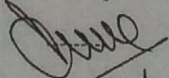
(Dr.R.T. Vaidya)  
Chairman



(Dr.N.A. Bhorjar)



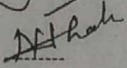
(Dr.S.P. Bansod)



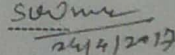
(Dr.N.V. Changole)

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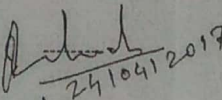
(Dr.N.W. Dhale)



(Dr.Mrs.S.K. Umale)

  
24/4/2017

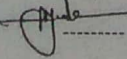
Dr.G.S. Mahadik

  
24/4/2017

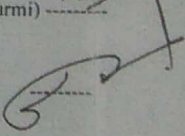
(Sh. Manojkumar Kurmi)



(Dr.P.P. Yeole)



(Dr.S. S. Bichewar)





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CRS - I  
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SANT GADGE BABA AMRAVATI UNIVERSITY

MINUTES

B.O.S. - Lib & Inform. Sc.

21/5/2017

Minutes of the Adjourned Meeting of Board of Studies in Library and Information Science held on 21<sup>st</sup> May, 2017 at 12.00 Noon in Room No. 206, IInd Floor, Main Administrative Building, Sant Gadge Baba Amravati University, Amravati for preparation of the syllabi of U.G. & P.G. Courses as per Semester Pattern.

The Following members were present for the meeting.

- |                         |   |              |
|-------------------------|---|--------------|
| 1. Dr.N.N. Gawande      | " | Chairman     |
| 2. Dr.Mrs. V.P. Gudadhe | " | Member       |
| 3. Dr.Ravindra Sarode   | " | Spl. Invitee |
| 4. Dr.S.N. Wagh         | " | Spl. Invitee |

At the outset, Chairman welcomed the members present for the meeting.

The following business has been transacted in the Meeting.

The healthy discussion was held on the decision of the Faculty regarding implementation of Semester and Credit Grade System in Under Graduate and Post Graduate Courses. Taking into consideration the Board of Studies decided to prepare and recommended Scheme of Teaching and Examination of B.A. (Optional Subject), B.Lib. and M.Lib. and draft syllabi for Semester-I to Semester-VI of B.A Part-I, II & Final (Optional Subject), B.Lib and Information Science and M.Lib. and Information Science Semester-I & II respectively as per Semester and Credit Grade System and submitted the above mentioned syllabi of B.A., B.Lib. & M.Lib. Courses as appendix-A & B & C appended herewith which will be implemented from 2017-2018 Session.

After confirmation of Minutes, the meeting ended with the vote of thanks to the Chair.

(Dr.N.N. Gawande)

Chairman

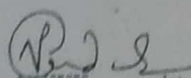
(Dr.Mrs. V.P. Gudadhe)

(Dr.Ravindra Sarode)

Spl.Invitee

(Dr. S.N. Wagh)

Spl.Invitee

-----  


Cr. I  
1.1 (15)

B.O.S. (Lib & Inf. Sc.)

SANT GADGE BABA AMRAVATI UNIVERSITY

B.O.S.

MINUTES

19/20105/2017

Minutes of the Emergent Meeting of Board of Studies in Library and Information Science held on 19<sup>th</sup> & 20<sup>th</sup> May, 2017 at 12.00 Noon in Room No. 206, IInd Floor, Main Administrative Building, Sant Gadge Baba Amravati University, Amravati for preparation of the syllabi of U.G. & P.G. Courses as per Semester Pattern.

The Following members were present for the meeting.

			19.5.2017	20.5.2017
1.	Dr.N.N. Gawande	Chairman	P	P
2.	Dr.Mrs. V.P. Gudadhe	Member	P	P
3.	Dr. S.M. Rokade	Member	P	P

At the outset, Chairman welcomed the members present for the meeting.

The following business has been transacted in the Meeting.

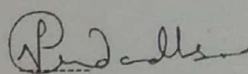
The healthy discussion was held on the decision of the Faculty regarding implementation of Semester and Credit Grade System in Under Graduate and Post Graduate Courses. Taking into consideration the Board of Studies decided to prepare and recommended Scheme of Teaching and Examination of B.A. (Optional Subject), B.Lib. and M.Lib. and draft syllabi for Semester-I to Semester-VI of B.A Part-I, II & Final (Optional Subject), B.Lib and Information Science and M.Lib. and Information Science Semester-I & II respectively as per Semester and Credit Grade System and finally the above mentioned syllabi of B.A., B.Lib. & M.Lib. Courses as appendix-A & B & C appended herewith will be submitted on 21.5.2017. Hence the meeting is adjourned. The board resolved to call Dr. Ravindra Sarode, SGBAU & Dr. S.N.Wagh, Gadge Maharaj Mahavidyalaya, Walgaon as a special invitee for adjourned meeting.

After confirmation of Minutes, the meeting ended with the vote of thanks to the Chair.

(Dr.N.N. Gawande)  
Chairman

(Dr.Mrs. V.P. Gudadhe)

(Dr.S.M.Rokade)





BOS (M. Com) 24/10/2018

27

संत गाडगे बाबा अमरावती विद्यापीठ, अमरावती.

P.O. (M. Com) & ~~अभ्यासक्रम~~ अभ्यासक्रम तदर्थ समितीचे कार्यवृत्त

तदर्थ समितीची सभा सोमवार दिनांक २४ ऑक्टोबर, २०१८ रोजी दुपारी १२.०० वाजता संपन्न झाली, सदर सभेला खालील सदस्य उपस्थित होते.

- |                                 |   |           |
|---------------------------------|---|-----------|
| १. डॉ. डी. डब्लू. निधित, वलगांव | - | अध्यक्ष   |
| २. डॉ. अविनाश जुमळे, दर्यापूर   | - | सदस्य     |
| ३. डॉ. एस. पी. काळे, वलगांव     | - | सदस्य     |
| ४. डॉ. प्रसाद खानझोडे, वणी      | - | सदस्य     |
| ५. डॉ. आर. पी. चौधरी, केळापूर   | - | सदस्य     |
| ६. डॉ. जे. डी. गुप्ता, अमरावती  | - | निमंत्रित |
| ७. डॉ. एस. वी. कडु, अमरावती     | - | निमंत्रित |

वरील सर्व सदस्यांचे स्वागत करून अध्यक्षांचे परवानगीने सभेला सुरुवात झाली व खालील प्रमाणे निर्णय घेण्यात आला.

विषय क्र. १ :-

**B.Com.(Accounting and Finance)** या नविन अभ्यासक्रमाचे **Semester I and II** चे पॅनेल घेणे.


उराव :- **B.Com.(Accounting and Finance)** या नविन अभ्यासक्रमाचे **Semester I and II** चे विविध बोर्डातील विषयांचे पॅनेल घेण्यात आले.

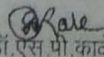
विषय क्र. २ :-

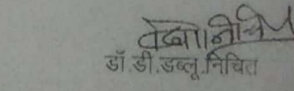
**M.Com. Semester-IV**, मधील (i) Entrepreneurship and Skill Development, (ii) Sales and Distribution Management, (iii) Saving and investment planning, IV) International Financing या विषयांचे अभ्यासक्रमिका तयार करणे.

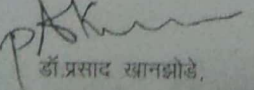
उराव :- **M.Com. Semester-IV**, मधील (i) Entrepreneurship and Skill Development, (ii) Sales and Distribution Management या विषयांचे अभ्यासक्रमिका तयार करण्यात आल्यात. व (iii) Saving and investment planning, IV) International Financing या विषयांचे अभ्यासक्रमिका तयार होवु न शकल्यामुळे, सदर अभ्यासक्रमिका तातडीने तयार करून तीन-चार दिवसात सादर करण्यासाठी समितीचे सदस्य डॉ. प्रसाद खानझोडे व डॉ. जे. डी. गुप्ता यांना सादर करण्याचे अधिकार समितीचे अध्यक्षांनी दिलेले.


उपस्थित सर्व सन्माननीय सदस्यांचे आभार मानुन अध्यक्षांचे परवानगीने सभा संपली.

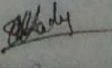
  
डॉ. अविनाश जुमळे,  
सदस्य

  
डॉ. एस. पी. काळे,  
सदस्य

  
डॉ. आर. पी. चौधरी,  
सदस्य

  
डॉ. प्रसाद खानझोडे,  
सदस्य  
PM/Vilas/Agenda-Notice/48

  
डॉ. जे. डी. गुप्ता,  
निमंत्रित

  
डॉ. एस. वी. कडु,  
निमंत्रित

Bos (Med. 7)

13/07/2015

मुद्दा क्र० 41

संत गाडगे बाबा अमरावती विद्यापीठ, अमरावती.

कार्यवृत्त

(26)

दि. १३.७.२०१५ रोजी सकाळी ११.३० वाजता शिक्षण अभ्यासमंडळाची सभा संपन्न झाली. सभेमध्ये खालील सदस्य उपस्थित होते.

- |                             |             |
|-----------------------------|-------------|
| १) डॉ.जी.एल.गुलहाने         | (अध्यक्ष)   |
| २) डॉ.एस.टी.कोटवाणी         | (सदस्य)     |
| ३) डॉ.वाय.जी.सींग           | (सदस्य)     |
| ४) डॉ.श्रीमती मिना के रोकडे | (सदस्य)     |
| ५) डॉ.एस.डी.मोरोडे          | (सदस्य)     |
| ६) डॉ.वनिता काळे            | (निमंत्रित) |
| ७) डॉ.अमित गावंडे           | (निमंत्रित) |

सर्व प्रथम अभ्यासमंडळाच्या मा.अध्यक्षांनी उपस्थित सर्व सदस्यांचे स्वागत करून सभेला सुरुवात करण्यात आली. सभेमध्ये खालीलप्रमाणे निर्णय घेण्यात आले.

- सत्र २०१५-२०१६ पासून बी.एड. दोन वर्षीय अभ्यासक्रम लागू करण्यात येत असल्यामुळे अभ्यासक्रमाचे परीक्षा योजनेसह प्रारूप, अध्यादेश व अध्यादेशामध्ये करावयाच्या तरतुदी व इतर बाबी तयार करून शिक्षण विद्याशाखेला शिफारसी करण्यात आल्या.
- सत्र २०१५-२०१६ पासून एम.एड. दोन वर्षीय अभ्यासक्रम लागू करण्यात येत असून अभ्यासक्रमाचे प्रारूप अध्यादेश व अध्यादेशामध्ये करावयाच्या तरतुदी व इतर बाबी तयार करून शिक्षण विद्याशाखेला शिफारसी सादर करण्यात आल्या.
- बी.एड. विशेष शिक्षण (कर्णवधीर) अभ्यासक्रम दोन वर्षांचा करण्याकरिता अभ्यासक्रमाचे परीक्षा योजनेसह, अध्यादेशामध्ये करावयाच्या तरतुदी व इतर बाबी तयार करून शिक्षण विद्याशाखेला शिफारसी सादर करण्यात आल्या.
- बी.एड. व एम.एड. सुधारित अभ्यासक्रमानुसार विषयनिहाय शिक्षकांची अद्यावत यादी संबंधित प्राचार्याद्वारा खालील विहीत प्रपत्रात तातडीने दि. ३०.७.२०१५ पर्यंत मागविण्यात यावी.

Name of College :-

## List of Approved Teacher

Sr. No.	Name of Teacher	Address & Mob. No.	Date of Appointment & Total Teaching Approved Experience	Teaching Subjects (As per New Syllabus-2015-2017)	Date of Approval with Approval Letter No.	Remark
1	2	3	4	5	6	7

Seal &amp; Signature of Principal

- ५) सत्र २०१५-२०१६ पासून बी.एड. व एम.एड. दोन वर्षीय अभ्यासक्रम नव्याने सुरू करण्यात येत असल्यामुळे जुन्या अभ्यासक्रमानुसार परीक्षेत अनुत्तीर्ण झालेल्या विद्यार्थ्यांकरिता परीक्षेच्या अतिरीक्त चार संधी बी.एड. अभ्यासक्रमाकरिता (हिवाळी-२०१५, उन्हाळी-२०१६, हिवाळी-२०१६ व उन्हाळी-२०१७) तसेच एम.एड. या जुन्या अभ्यासक्रमिकेनुसार अनुत्तीर्ण विद्यार्थ्यांकरिता परीक्षेच्या दोन अतिरीक्त संधी (उन्हाळी-२०१६ व उन्हाळी-२०१७) देण्याची अभ्यासमंडळाने विद्याशाखेला शिफारस केलेली आहे.

अभ्यासमंडळाने सादर केलेल्या बी.एड., एम.एड. व बी.एड. विशेष शिक्षण (कर्णवधीर) या अभ्यासक्रमाच्या प्रारूपामध्ये काही बदल करावयाचे / दुरुस्ती करण्याचे अधिकार अभ्यासमंडळाच्या अध्यक्षांना राहतील असे सर्वानुमते ठरले.

उपरोक्त शिफारसी शिक्षण विद्याशाखेकडे पुढील विचारार्थ तथा मान्यतेसाठी सादर करण्यात याव्यात असे सर्वानुमते ठरले.

अध्यक्षांनी सर्व सदस्यांचे आभार मानून सभा संपविण्यात आली.

- |                             |             |                    |
|-----------------------------|-------------|--------------------|
| १) डॉ.एस.टी.कोटवाणी         | (सदस्य)     | <i>[Signature]</i> |
| २) डॉ.वाय.जी.सींग           | (सदस्य)     | <i>[Signature]</i> |
| ३) डॉ.श्रीमती मिना के रोकडे | (सदस्य)     | <i>[Signature]</i> |
| ४) डॉ.एस.डी.मोरोडे          | (सदस्य)     | <i>[Signature]</i> |
| ५) डॉ.वनिता काळे            | (निमंत्रित) | <i>[Signature]</i> |
| ६) डॉ.अमित गावंडे           | (निमंत्रित) | <i>[Signature]</i> |

*[Signature]*  
अध्यक्ष  
शिक्षण अभ्यासमंडळ,  
संत गाडगे बाबा अमरावती विद्यापीठ



Bos- (M.A. Gender & Women studies)

22

17/07/2017

SANT GADGE BABA AMRAVATI UNIVERSITY

MINUTES

Minutes of the Emergent Meeting of the Ad-hoc Committee, in Gender and Women's Studies held on Monday, the 17<sup>th</sup> July, 2017 at 4.00 P.M. in Room No. 206, IInd Floor, Main Administrative Building, Sant Gadge Baba Amravati University, Amravati for the preparation of the Scheme of Teaching and Examination & Draft Syllabi of Two Years Post Graduate Course in Gender and Women's Studies as per Semester and Credit Grade System.

The Following members were present for the meeting.

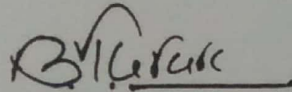
1. Dr.B.M. alias Santoshrao Thakare - Chairman
2. Dr.Mrs. V.P. Gudadhe - Member

At the outset, Chairman welcomed the members present for the meeting.

The following business has been transacted in the Meeting.

Taking into consideration the decision of the Faculty regarding the implementation of Semester and Credit Grade System in the subject Gender and Women's Studies, the Ad-hoc Committee decided to prepare the draft scheme and the draft syllabi for Semester I to Sem. IV of M.A. Part-I & II as per Semester and Credit Grade System and submitted herewith as as appendix-A.

Meeting is ended with the vote of thanks to the Chair.



(Dr.B.M.alias Santosh Thakare)  
Chairman

- (Dr.Mrs. V.P. Gudhdhe)  
Member

प्रति,

कायदा

12/04/17

कुल सचिव (विद्याशाखा)

सं. गा. बा. अमरावती विद्यापीठ, अमरावती.

(28)

विषय - नवीन अभ्यासक्रम स्तुतिहाय पुनर्रचित कर  
अहवाल प्रस्तुत करने हेतु.

सन्दर्भ - दिनांक - 8.3.2017 को हिन्दी अभ्यास मंडल  
की बैठक में हुए निर्णयानुसार.

महोदय,

उपरोक्त विषयांतर्गत स्थापक मंडल ने हिन्दी  
अभ्यास मंडल के प्रस्ताव एवं निर्णयानुसार बी.ए.  
(भाग एक) हिन्दी अनिवार्य, हिन्दी साहित्य, प्रयोजन-  
मूलक हिन्दी और एम.ए. (भाग-एक) हिन्दी-  
I) प्राचीन एवं मध्ययुगीन काव्य, II) हिन्दी साहित्य का  
इतिहास III.) भारतीय एवं पाश्चात्य काव्यशास्त्र,  
iv) वैकल्पिक प्रश्न पत्र - अ.) प्रेमचन्द आ.) जयशंकर प्रसाद  
इ.) प्रयोजन मूलक हिन्दी, ई.) दूर्य्य श्रव्य माध्यम लेखन  
एम. ए. I - (अनुवाद) I.) अनुवाद विज्ञान, II)  
स्रोतभाषा एवं लक्ष्यभाषा III.) हिन्दी भाषा तथा साहित्य  
का स्वरूप एवं विकास iv) वैकल्पिक प्रश्न पत्र -  
अ.) प्रयोजनमूलक हिन्दी आ.) भाषा शिक्षण.

उपरोक्त कक्षाओं का अभ्यासक्रम एवं  
प्रश्न पत्र का स्वरूप - रचित - पुनर्रचित कर अहवाल  
प्रस्तुत किया जा रहा है। कृपया इसे स्वीकार करें।  
इस सम्बन्ध में निम्नांकित बिन्दुओं पर कृपया  
सावधानीपूर्वक ध्यान देने की आवश्यकता है -

1. अभ्यासक्रम में निर्धारित एवं अनुमोदित  
सन्दर्भ ग्रन्थ सूची अद्यावत स्वरूप में (बी.ए.  
भाग - एक, अनिवार्य के अतिरिक्त) प्रत्येक पेपर के  
उपरान्त दे दी जाये। यह सूची बिना कोई परिवर्तन  
के सदावत ली। यह दायित्व सम्बन्धित विभाग



का होगा। सम्पादक मंडल अथवा अभ्यास मंडल इसके लिए उत्तरदायी नहीं हैं।

३. अभ्यास क्रम छात्रों के विषयगत आवश्यकतानुसार तैयार किया गया है, जो यथावत रखा जाय। कृपया इसकी सावधानी भी रखें।

धन्यवाद।

दिनांक - 12.4.17

डॉ० ज्योती व्यास  
अध्यक्ष - हिंदी

अभ्यास मंडल  
सं. गा. वा. अमरावती,  
विद्यापीठ, अमरावती

उपरोक्त अभ्यासक्रम एवं प्रश्नपत्र का स्वरूप (अंक विभाजन) हमारी ओर से अनुमोदित है।

1. प्रो. (डॉ०) शंकर कुंदेली -
2. डॉ० अरूण धोंगरे - *Arjun Dongre*
3. डॉ० ज्योती मंत्री - *Jyoti Manti*
4. डॉ० तीर्थराज राय - *Tirthraj Ray*

संलग्न - कुल 15 सेट

(प्रश्नपत्र का स्वरूप/पाठ्यक्रम)

Bos (M. A. Hindi)

24/04/2018

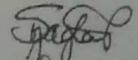
संत गाडगे बाबा अमरावती विद्यापीठ, अमरावती.  
कार्यवृत्त

21

दिनांक २७.४.२०१८ रोजी दुपारी १२.०० वाजता हिन्दी तदर्थ समितीची सभा संपन्न झाली सभेमध्ये खालीलप्रमाणे सदस्य उपस्थित होते.

- |                           |            |
|---------------------------|------------|
| १) डॉ. कु.संगीता एन जगताप | (अध्यक्षा) |
| २) डॉ. यादव सी मेंढे      | (सदस्य)    |
| ३) डॉ. एस.जी. गजले        | (सदस्य)    |
| ४) डॉ. सुरेश केशवाणी      | (सदस्य)    |
| ५) डॉ. प्रविण देशमुख      | (सदस्य)    |

बी.ए.भाग-२, आवश्यक हिन्दी व हिन्दी वाङ्मय व प्रयोजनमुलक हिन्दी आणि एम.ए.भाग-२ (हिन्दी) व एम.ए.भाग-२ (अनुवाद हिन्दी) सेमिस्टर-३ व ४ या विषयाच्या अभ्यासक्रमांना २०१८-२०१९ या सत्रापासून सेमिस्टर पॅटर्न (Semester Pattern) लागू करण्यासंदर्भात अभ्यासक्रम तयार करण्यात आलेला आहे. सदर अभ्यासक्रम मानव विज्ञान विद्याशाखेला शिफारशी करीता पाठविण्यात येत आहे.

  
डॉ. कु.संगीता एन जगताप  
(अध्यक्षा)

- |                      |         |
|----------------------|---------|
| २) डॉ. यादव सी मेंढे | (सदस्य) |
| ३) डॉ. एस.जी. गजले   | (सदस्य) |
| ४) डॉ. सुरेश केशवाणी | (सदस्य) |
| ५) डॉ. प्रविण देशमुख | (सदस्य) |



B.O.S. (M.C.A.)  
28/8/19-2020.

①

SantGadge Baba Amravati University, Amravati

Minutes of the emergency and adjourned On-line meetings of the Committee as constituted by the Hon'ble Vice-Chancellor regarding preparation of the Schemes of teaching & examination of Two Years M.C.A. Course as per A.I.C.T.E. guidelines held as given below in the table.

Following members were present for the meeting.

Sr. No.	Name of the Member	[Present/Absent] Date of meeting	[Present/Absent] Date of meeting	[Present/Absent] Date of meeting
1	Dr.G.R. Bamnote (Chairman)	Present 07.08.2020	Present 11.08.2020	Present 28.08.2020
2	Dr.P.M.Jawandhiya (Member)	Present	Present	Present
3	Dr.S.P.Deshpande (Member)	Present	Present	Absent
4	Dr. Smt. S.S. Sherekar (Member)	Present	Present	Absent
5	Dr.V.R. Dhawale (Member)	Present	Present	Present
6	Prof. P.G. Choudhary (Member)	Present	Present	Present

At the outset of the meeting, the Chairman welcomed all the members present for the emergent meeting of the Board of Studies and started the business of the meeting.

Following items had been transacted in the meeting.

Item No. 1 Change in the duration of M.C.A. Program from 3 years to 2 years from the session 2020-21.

The Committee noted the letter bearing F.No. AICTE/AB/MCA/2020-21 dated. 03/07/2020 of Member Secretary, A.I.C.T.E., New Delhi regarding change in the duration of M.C.A. Program from 3 years to 2 years from the session 2020-21 and recommended the change in duration of M.C.A. Program from the existing 3 years degree Course to 2 years degree Course to onward authority as per directives by the U.G.C. & A.I.C.T.E. to be implemented from the academic session 2020-21 & onwards.

Item No. 2: The Draft Schemes of teaching & examination of the Two Years M.C.A. Course as per A.I.C.T.E. Guidelines...

The Committee discussed in depth on the A.I.C.T.E. guidelines as per the letter dated. 3.7.2020 regarding change in the duration of M.C.A. Program from 3 years to 2 years from the session 2020-21 and the existing Schemes of Three years M.C.A. degree program. The Committee prepared and finalized the Draft Schemes of teaching & examination of the Two Years M.C.A. Course as per A.I.C.T.E. Guidelines.

Item No. 3: The draft provisions for the Two Year M.C.A. Course as per U.G.C. & A.I.C.T.E. Guidelines...

Taking into consideration the existing 3 Year M.C.A. Direction No. 02/2020 and as per Item No. 2, the Committee after discussion in detail and depth prepared and the draft provisions of teaching & examination of the new Two Year M.C.A. Course as per U.G.C. & A.I.C.T.E. Guidelines.

The Committee unanimously decided that the Chairman of the Committee will submit the Schemes of Two year M.C.A. Course and the draft provisions to the office at the earliest. The Committee recommended that the draft provisions to onward authority as per directives by the U.G.C. & A.I.C.T.E. to be implemented from the academic session 2020-21 & onwards. [after receiving the Directions from DTE, M.S. Mumbai regarding Eligibility Criteria & other provisions]

3 yrs  
↓  
2 yrs

Confirmation of minutes:

Copy of the consolidated minutes of the emergency On-line meetings dtd.7.8.20, 11.08.2020 & 28.08.2020 was shown to the members present for the meeting. After confirmation of the minutes, the Chairman thanked the members present for the meeting and declared that the meeting is over.

(& others)

28/08/2020  
01-9-20

Dr. G.R. Bamnote  
(Chairperson)

\*\*\*\*\*



BOS (MPGD) — 20/08/2015

24

संत गाडगे बाबा अमरावती विद्यापीठ, अमरावती.

कार्यवृत्त

दि. २०.८.२०१५ रोजी सकाळी ३.०० वाजता शारिरीक शिक्षण अभ्यासमंडळाची तहकुब सभा आयोजित करण्यात आली.

सभेमध्ये खालील सदस्य उपस्थित होते.

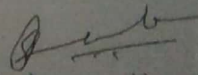
- |                            |           |
|----------------------------|-----------|
| १) डॉ.राजेन्द्र एस.रामटेके | (अध्यक्ष) |
| २) डॉ.सुनिता आर दंडे       | (सदस्य)   |
| ३) डॉ.मार्कस एच. लाकडे     | (सदस्य)   |

अभ्यासमंडळाचे अध्यक्ष श्री डॉ.ए.व्ही. गुल्हाने यांनी काही कारणास्तव सभेकरीता उपस्थित राहू शकणार नाही असे कळविल्यामुळे सभेमध्ये सर्वानुमते डॉ.राजेन्द्र रामटेके यांना सभेचे अध्यक्ष म्हणून निवड करण्यात आली.

सर्व प्रथम अभ्यासमंडळाच्या मा.अध्यक्षांनी उपस्थित सर्व सदस्यांचे स्वागत करून सभेला सुरुवात करण्यात आली. सभेमध्ये खालीलप्रमाणे निर्णय घेण्यात आले.

- १) एन.सी. टी.ई. रेग्युलेशन-२०१४ नुसार बी.पी.एड. दोन वर्षीय अभ्यासक्रमाची परीक्षा योजना प्रारूप, अध्यादेश व अभ्यासक्रमेचे प्रारूप तयार करण्यात आले. सदर अभ्यासक्रम सत्र २०१५-२०१६ पासून लागू करण्यात यावा अशी शिक्षण विद्याशाखेला शिफारस करण्यात येत आहे. अभ्यासक्रमिका, परीक्षा योजना व अध्यादेशातील तरतुदी प्रारूप परिशिष्ट-अ मध्ये देण्यात आले आहे.
- २) सत्र २०१५-२०१६ पासून एम.पी.एड. दोन वर्षीय अभ्यासक्रम लागू करण्यात येत असल्यामुळे सदर सभेमध्ये एम.पी.एड. या अभ्यासक्रमाची अभ्यासक्रमिका, परीक्षायोजना व इतर आवश्यक बाबी तयार करण्यात आल्या असून, सदर प्रारूप विभाग प्रमुख, पदव्युत्तर शारिरीक शिक्षण विभाग संत गाडगे बाबा अमरावती विद्यापीठ, यांचेकडे पाठवून सदर अभ्यासक्रम प्रारूपावर काही सूचना व दुरुस्त्या असल्यास मागविण्यात याव्यात. सदर दुरुस्त्या विभागप्रमुखाकडून आठ दिवसांच्या आत मागविण्यात याव्यात प्राप्त झालेल्या सूचना किंवा दुरुस्त्यासह सदर विषय अभ्यासमंडळाच्या पुढील सभेत ठेवण्यात यावा.
- ३) बी.पी.एड. चा अभ्यासक्रम दोन वर्षीय करण्यात आल्यामुळे तसेच त्यामध्ये अमुलाग्र बदल झाल्यामुळे नविन परीक्षा पध्दती तसेच इतर बाबी बी.पी.एड. ला शिकविणाऱ्या शिक्षकांना अवगत व्हाव्यात त्यादृष्टीने शिक्षकांची एक दिवसीय कार्यशाळा विद्यापीठाद्वारे साधारणतः सप्टेंबर महिन्याचे पहिल्या आठवड्यात विद्यापीठाद्वारे आयोजित करण्यात यावी अशी शिफारस करण्यात येत आहे.

शेवटी मा.अध्यक्षांनी सर्व सदस्यांचे आभार मानून सभा संपविण्यात आली.



डॉ.राजेन्द्र एस.रामटेके

(अध्यक्ष)

शा.शि.अभ्यासमंडळ

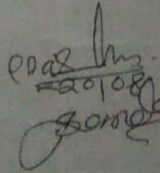
संत गाडगे बाबा अमरावती विद्यापीठ.

२) डॉ.मार्कस एच. लाकडे

(सदस्य)

३) डॉ.सुनिता आर दंडे

(सदस्य)





Ch-F 1.1  
(12)

B.O.S. Political Science 16/5/2017  
SANT GADGE BABA AMRAVATI UNIVERSITY

MINUTES

Minutes of the Adjourned Meeting of Board of Studies in Political Science held on 16<sup>th</sup> May, 2017 at 12.00 Noon. in Room No. 206, II<sup>nd</sup> Floor, Main Administrative Building, Sant Gadge Baba Amravati University, Amravati.

The Following members were present for the meeting.

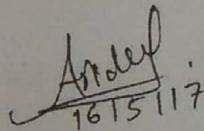
- |                         |     |             |
|-------------------------|-----|-------------|
| 1. Dr.Mrs. A.J. Tidke   | ... | Chairperson |
| 2. Dr.R.V. Rathod       | ... | Member      |
| 3. Dr. S.S. Gawai       | ... | Member      |
| 4. Dr. S.K. Yerankar    | ... | Member      |
| 5. Dr. P.H. Suryavanshi | ... | Member      |
| 6. Dr. D.R. Yawale      | ... | Member      |
| 7. Dr. D.P. Telgote     | ... | Member      |
| 8. Dr. S.P. Chavan      | ... | Member      |
| 9. Dr. K.H. Wasnik      | ... | Member      |

At the outset, Chairperson welcomed the members present for the meeting.

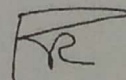
The following business has been transacted in the Meeting.

The Board of Studies prepared and finalized the draft syllabi of Paper-I, Paper-II, Paper-III & Paper IV of Semester I and Semester II each for M.A. Part-I (Political Science) as per Semester and Credit Grade System and recommended to the next higher authority which is to be implemented from 2017-2018 Academic Session. The syllabi is submitted as appendix 'A' appended herewith.

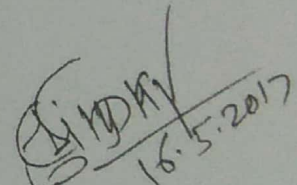
The meeting is ended with the vote of thanks to the Chair.

  
16/5/17

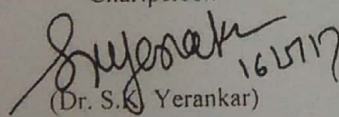
(Dr. Mrs. A.J. Tidke)  
Chairperson



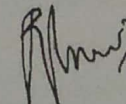
(Dr. R.V. Rathod)

  
16.5.2017

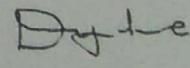
(Dr. S.S. Gawai)

  
16/5/17

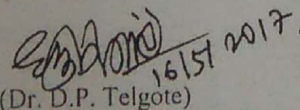
(Dr. S.K. Yerankar)



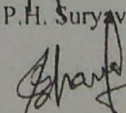
(Dr. P.H. Suryavanshi)



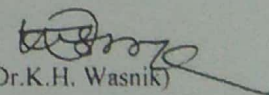
(Dr. D.R. Yawale)

  
16/5/2017

(Dr. D.P. Telgote)



(Dr. S.P. Chavan)



(Dr. K.H. Wasnik)



Ch-F 1.1  
(12)

B.O.S. Political Science 16/5/2017  
SANT GADGE BABA AMRAVATI UNIVERSITY

MINUTES

Minutes of the Adjourned Meeting of Board of Studies in Political Science held on 16<sup>th</sup> May, 2017 at 12.00 Noon. in Room No. 206, II<sup>nd</sup> Floor, Main Administrative Building, Sant Gadge Baba Amravati University, Amravati.

The Following members were present for the meeting.

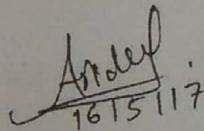
- |                         |     |             |
|-------------------------|-----|-------------|
| 1. Dr.Mrs. A.J. Tidke   | ... | Chairperson |
| 2. Dr.R.V. Rathod       | ... | Member      |
| 3. Dr. S.S. Gawai       | ... | Member      |
| 4. Dr. S.K. Yerankar    | ... | Member      |
| 5. Dr. P.H. Suryavanshi | ... | Member      |
| 6. Dr. D.R. Yawale      | ... | Member      |
| 7. Dr. D.P. Telgote     | ... | Member      |
| 8. Dr. S.P. Chavan      | ... | Member      |
| 9. Dr. K.H. Wasnik      | ... | Member      |

At the outset, Chairperson welcomed the members present for the meeting.

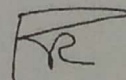
The following business has been transacted in the Meeting.

The Board of Studies prepared and finalized the draft syllabi of Paper-I, Paper-II, Paper-III & Paper IV of Semester I and Semester II each for M.A. Part-I (Political Science) as per Semester and Credit Grade System and recommended to the next higher authority which is to be implemented from 2017-2018 Academic Session. The syllabi is submitted as appendix 'A' appended herewith.

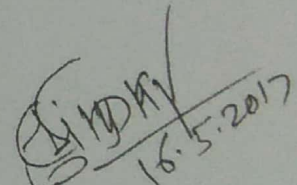
The meeting is ended with the vote of thanks to the Chair.

  
16/5/17

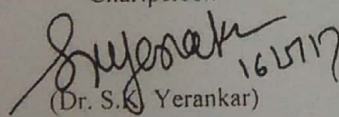
(Dr. Mrs. A.J. Tidke)  
Chairperson



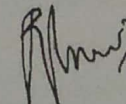
(Dr. R.V. Rathod)

  
16.5.2017

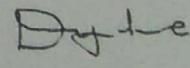
(Dr. S.S. Gawai)

  
16/5/17

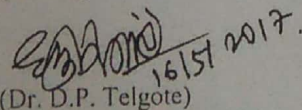
(Dr. S.K. Yerankar)



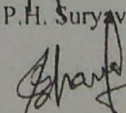
(Dr. P.H. Suryavanshi)



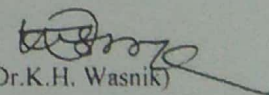
(Dr. D.R. Yawale)

  
16/5/2017

(Dr. D.P. Telgote)



(Dr. S.P. Chavan)



(Dr. K.H. Wasnik)



Ch-F  
1.1  
(15)

B.O.S (Sociology)  
26/4/2017

SANT GADGE BABA AMRAVATI UNIVERSITY

MINUTES

Minutes of the Adjourned Meeting of Board of Studies in Sociology held on Wednesday, the 26<sup>th</sup> April, 2017 at 12.00 Noon in Room No. 206, IInd Floor, Main Administrative Building, Sant Gadge Baba Amravati University, Amravati.

The Following members were present for the meeting.

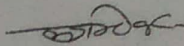
- |                       |     |          |
|-----------------------|-----|----------|
| 1. Dr.B.H. Kirdak     | ... | Chairman |
| 2. Dr. K.B. Nayak     | ..  | Member   |
| 3. Dr. D.U. Umbarkar  | ..  | Member   |
| 4. Dr. A.D. Chauhan   | ..  | Member   |
| 5. Dr. S.S. Somvanshi | ... | Member   |

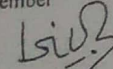
At the beginning of the meeting, Chairman welcomed the members present for the meeting and initiate the agenda of the meeting.

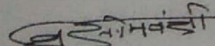
The following business has been transacted in the Meeting.

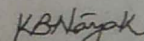
The healthy discussion was held on the decision of the Faculty regarding implementation of Semester and Credit Grade System in Under Graduate and Post Graduate Courses. Taking into consideration the Board of Studies decided to prepare and recommended the new draft syllabi for Semester-I to Semester-VI of B.A Part-I, II & Final and Semester-I to Semester-IV of M.A. Part-I and II as per Semester and Credit Grade System and submitted the above mentioned syllabi of Sem-I to VI for B.A. and Sem.I to Sem-IV for M.A. Course as appendix-A & B appended herewith.

The meeting ended with the vote of thanks to the Chair.

  
(Dr.B.H. Kirdak)  
Member

  
(Dr.D.U. Umbarkar)  
Member

  
(Dr.S.S. Somvanshi)  
Member

  
(Dr.K.B. Nayak)  
Member

(Dr. A.D. Chauhan)  
Member



⑤  
min-1.1

Ad-hoc commi (D.B.A. thoughts)

26/06/2018

SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI

MINUTES

Minutes of the Adjourned Meeting of Ad-hoc Committee in Dr. Babasaheb Ambedkar Thought held on Tuesday, the 26<sup>th</sup> June, 2018 at 12.00 Noon in Room No. 206, IInd Floor, Main Administrative Building, Sant Gadge Baba Amravati University, Amravati.

The Following members were present for the Meeting.

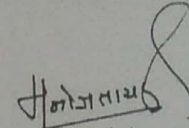
- |                         |    |             |
|-------------------------|----|-------------|
| 1. Dr. M.H. Tayade      | .. | Chairperson |
| 2. Prin.Dr. S.S. Gawai  | .. | Member      |
| 3. Dr. Ravindra Mundre  | .. | Member      |
| 4. Dr. Milind D. Jadhao | .. | Member      |

At the beginning of the meeting, Chairperson welcomed the members present for the meeting and initiate the agenda of the meeting.

The following business has been transacted in the Meeting.

The Ad-hoc Committee in Dr. Babasaheb Ambedkar Thought has prepared & recommended the syllabi of Paper-I to Paper-IV of Semester-IV of M.A. Part-II Examination as per Credit Grade and Semester System appended herewith as appendix-A, which is to be implemented from 2018-2019 Academic Session

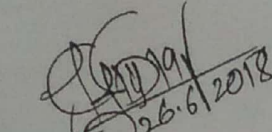
The meeting ended with the vote of thanks to the Chair.



(Dr. M.H. Tayade

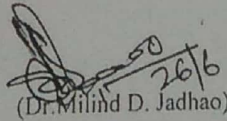
Chairperson

Ad-hoc Committee in Dr.B.A. Thought



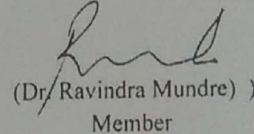
(Prin. Dr. S.S. Gawai)

Member



(Dr. Milind D. Jadhao)

Member



(Dr. Ravindra Mundre)

Member



Ad-hoc comm.

SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI

19, 20/6/2018

MINUTES

Minutes of the Adjourned Meeting of Ad-hoc Committee in Dr. Babasaheb Ambedkar Thought held on Tuesday, the 19<sup>th</sup> & 20<sup>th</sup> June, 2018 at 12.00 Noon in Room No. 206, 11nd Floor, Main Administrative Building, Sant Gadge Baba Amravati University, Amravati.

The Following members were present for the Meeting.

- |                         |    |        |
|-------------------------|----|--------|
| 1. Prin.Dr. S.S. Gawai  | .. | Member |
| 2. Dr. Ravindra Mundre  | .. | Member |
| 3. Dr. Milind D. Jadhao | .. | Member |

As Dr. M.H. Tayade has informed his inability to the meeting, the members present for the meeting has requested Prin.Dr.S.S. Gawai to act as working Chairperson, and Dr. Gawai accept the request and act as a working chairman of the meeting.

At the beginning of the meeting, Chairperson welcomed the members present for the meeting and initiate the agenda of the meeting.

The following business has been transacted in the Meeting.

The Ad-hoc Committee in Dr. Babasaheb Ambedkar Thought recommended the syllabi of Semester-III of M.A. Part-II Examination as per Credit Grade and Semester System appended herewith as appendix-A, which is to be implemented from 2018-2019 Academic Session

The Ad-hoc Committee in Dr. Babasaheb Ambedkar Thought considered the note, received from Head, Deptt of B.A. Thought regarding to correct/revise the syllabi of M.A. Semester-I & II. In view of the said suggestions, the committee decide and revise the Syllabi of M.A. Part-I (Sem-I & II) appended herewith as Appendix-B.

The meeting is adjourned for the syllabi of Semester-IV of M.A. Part-II.

The meeting ended with the vote of thanks to the Chair.

(Prin.Dr.S.S. Gawai)

Working Chairperson

Ad-hoc Committee in Dr.B.A. Thought

(Dr.Ravindra Mundre)  
Member

(Dr. M.D. Jadhao)  
Member

FN/BOS/Min/25

Ac (M.A. Performing  
Art)

Item / Minute No. 43 (A)(B)(I)(i)  
Item / Minute to Academic Council  
Meeting Date 8/6/17

(30)

(25)

Item No. 43  
Recommendations of various Faculties

(Acad)

While considering recommendations of the Faculties, Council resolved as under:-

- (A)
- (1) The Computation of C.G.P.A. and the Scheme of teaching & examination will be as given by apex bodies of the respective courses or as prescribed by the University.
  - (2) The Council considered the syllabi of the various courses in the Faculty of Humanities as per Credit & Grade System and Semester Pattern as recommended by the concerned Board of Studies. The Council resolved not to recommend the syllabi of yearly pattern courses where approval to semester pattern is given.
  - (3) The Chairmen, Board of Studies in Electronics, Industrial Electronics and Applied Electronics has submitted the corrections in the schemes and syllabi of Semester III to VIII of B.E. (Electronics & Telecommunication) during the meeting. The Council accepted and approved it.
  - (4) The members of the Council suggested some minor corrections in the schemes and syllabi of various subjects. Upon this, the Council authorised Chairpersons of various Board of Studies to make or submit corrections, if any, to the office within five days.
  - (5) The Council also authorised Hon'ble Vice-Chancellor to take suitable decision regarding syllabi of the Courses i) Journalism and Mass Communication ii) Social Work and iii) Performing Arts which were placed on the table by the office and which are to be implemented from the session 2017-2018.
  - (6) As the schemes and the Syllabi of various courses in the Faculties are changed as per Guidelines of the apex bodies such as Pharmacy Council of India, N.C.T.E., U.G.C. in Credit and Grade System with Semesters Pattern, the Council resolved that minimum three (3) chances shall be provided to all the old course failure students where chances are not recommended.
  - (7) The Council approved syllabi and Draft Provisions of Ordinances / Regulations of various courses to be implemented phase wise from the academic session 2017-2018 and onwards. After issuance of various Directions/Ordinances, the existing Directions/Ordinances shall stand Cancelled. However, these Directions/Ordinances shall be applicable to students who have sought their admissions by these Directions/Ordinances and availing additional chances. Thereafter, these Directions/Ordinances stand cancelled totally.

(B) Considered the recommendations of the following Faculties and the Academic Council-



**DIRECTION**

No. : 26 / 2010

Date : .....06.2010

**Subject : Scheme for Choice Based Credit System (CBCS) and Awarding Grades to the Post Graduate Students in the Faculty of Science, Direction, 2010.**

Whereas, University Grants Commission, New Delhi vide D.O.No.F-2/2008/(XI Plan), Dtd.31 Jan.2008 regarding new initiatives under the 11<sup>th</sup> Plan – Academic Reforms in the University has suggested for improving quality of higher education and to initiate the Academic Reform at the earliest.

AND

Whereas, the Academic Council while considering the above letter in its meeting held on 30.4.2008, vide item No.55 has resolved to refer the same to Dean's Committee, and the Dean's Committee in its meeting held on 19.07.2008 has decided to refer the matter to all Board of Studies.

AND

Whereas, the recommendations of various Board of Studies in the faculty of Science regarding Upgradation and Revision of various syllabi and introduction of choice based credit pattern Examination System at post graduate level was considered by the faculty of Science in its meeting held on 7.12.2009 and constituted a Committee of all Chairmen of Board of Studies and one member nominated by Chairmen of respective B.O.S. under the Chairmanship of Dean of faculty to decide the policy decision regarding choice based credit system examination pattern at P.G. level.

AND

Whereas, the faculty of Science in its emergent meeting held on 11<sup>th</sup> May, 2010 vide item No.27, has considered, accepted and recommended to Academic Council, the policy decision regarding introduction of Scheme for Choice Based Credit System (CBCS) and Awarding Grades to the Post Graduate Students in the Faculty of Science under ordinance No.4 of 2008. The recommendations of the faculty was approved by the Academic Council in its emergent meeting held on 28.5.2010, vide item No.36.

AND

Whereas, Ordinance No.4 of 2008 in respect of Examinations leading to the Degree of विज्ञान स्नातक (Bachelor of Science) is in existence in the University as per semester pattern examination system.

AND

Whereas, it is necessary to frame the Regulation regarding the Scheme for Choice Based Credit System (CBCS) and Awarding Grades to the Post Graduate Students in the Faculty of Science which is to be implemented from the Academic Session 2010-11 of M.Sc.Semester-I & onwards to all subjects in the faculty of Science and framing of Regulation for the above examination is likely to take some time.

AND

Whereas, the admission of students in the above pattern at M.Sc. Part-I (Semester-I) of all subjects in the faculty of Science are to be made in the Academic Session 2010-11.

Now, therefore, I, Dr. Kamal Singh, Vice Chancellor of Sant Gadge Baba Amravati University, in exercise of powers conferred upon me under sub-section (8) of section 14 of the Maharashtra Universities Act., 1994, do hereby direct as under:

1. This Direction may be called "Scheme for Choice Based Credit System (CBCS) and Awarding Grades to the Post Graduate Students in the Faculty of Science, Direction, 2010.
2. This Direction shall come into force with effect from the examination as shown below for all subjects for the Examinations leading to the Degree of Master of Science in the faculty of Science-
  - (i) Winter 2010 examination for M.Sc. Part-I, Semester-I,
  - (ii) Summer-2011 examination for M.Sc. Part-I, Semester-II,
  - (iii) Winter-2011 examination for M.Sc. Part-II, Semester-III,
  - (iv) Summer-2012 examination for M.Sc. Part-II, Semester-IV.
3. The detailed Scheme for Choice Based Credit System (CBCS) and Awarding Grades to the Post Graduate students in the Faculty of Science is as given below-

**I. The CBCS System**

All Programmes (named after the Core subject) mentioned in para 9 of Ordinance No.4 of 2008 shall be run on Choice Based Credit System (CBCS) and the grades in 7 point scale will be awarded to the students. It is an instructional package developed to suit the needs of students to keep pace with the developments in higher

education and the quality assurance expected of it in the light of liberalization and globalization in higher education.

## II. Credits and Degrees

- i) A candidate who has successfully completed all the core courses Compulsory, Elective/ Specialised courses and project prescribed and optional approved by the University for the programme and accumulated not less than 72 (52 core and elective) Credits and who has put in the minimum residence time shall be eligible to receive the degree.
- ii) One Credit shall mean one teaching period per week for one semester (of 16 weeks) for theory courses and one laboratory session of two periods / week for one semester. One teaching period shall be of 60 minutes duration including 10 minutes for discussion / movement.

## III. Courses

- (i) **Core Course :-** A core course is a course that a student admitted to a particular programme must successfully complete to receive the degree. There may be two kinds of core courses: The **hard-core** courses which cannot be substituted by any other course and which must be successfully completed and **soft-core** courses which may be substituted by equivalent courses from the same department. In all P.G. programmes a project with 03 credits shall be included. The project may include a viva-voce examination with a credit of 1, Normally no theory course shall have more than 4 credits.
- (ii) **Elective Course :** Means a optional course from the basic subject or specialization.  
The core credits for any P.G. programme (inclusive of hard-core, soft-core and project) shall not exceed 60 credits and shall not be less than 48 credits. Each Board of Studies shall specify the core-credit load for their respective programme apart from approving syllabi, for all the courses offered by the department.
- (iii) **General Interest Course (GIC)**  
The General Interest Course shall be the choice of student. The student who choose the GIC shall have to register for it on payment of fees as prescribed by the University.  
The Departmental Committee shall follow a selection procedure on a first come first served basis, fixing the maximum number of students, after counselling to the students etc. to avoid overcrowding to particular course(s) at the expense of some other courses.
- (iv) Each **Course** is designed such that it includes lectures / tutorials / laboratory or field work / Seminar / Practical training / Assignments / Term paper / Report writing or review of literature and any other innovative practice etc., to meet effective teaching and learning needs.
- (v) **Attendance :-** Students must have 75% of attendance in each Core and Elective course for appearing the examination. However student having attendance less than 75% may apply to the H.O.D. for condonation of attendance upto 15% under the provision of para 6-A (i) of Ordinance No.6.

## IV. Registration for General Interest Course :-

- i) Each student, on admission shall be assigned to a faculty advisor who shall advise the student about the academic programme and counsel him on the choice of courses listed in Appendix-Q depending on his general interest, academic background and objective.
- ii) With the advice and consent of the faculty advisor the student shall register for courses he plans to take for the semester before classes start. No student shall be permitted to register for courses exceeding 30 credits per semester including those of repeat courses nor shall any student be permitted to register for any course without satisfactorily completing the prerequisites for the course except with the permission of the concerned teacher in the prescribed format.
- iii) If the student feels he has registered for more courses than he can handle, he shall have the option of dropping one or more of the courses he has registered for, with the consent of his advisor before the end of 3<sup>rd</sup> week of the semester. However, a student, to retain his status, should have registered at least for core course and elective course of that semester.
- iv) Students, other than those freshly admitted, shall register for the courses of their choice in the preceding semester by filling in the prescribed forms.
- v) The University shall prescribe the maximum number of students in each General Interest Course taking into account the teachers and Physical facilities available in the Department.
- vi) The University may make available to all students a listing of all the courses offered in every semester specifying the credits, the prerequisites, a brief description or list of topics the course intends to cover, the instructor who is giving the courses, the time and place of the classes for the course. This information shall be made available on the University website.
- vii) Normally no course shall be offered unless a minimum of 10 students are registered.
- viii) The student shall have to pay the prescribed fee per course for the registration.

## V. Programme Committee :-

There shall be the programme committee at the University level constituted as under-

- i) Dean of the faculty (Chairman)
- ii) Heads of all the Departments – (Member)
- iii) Three teachers from the affiliated colleges having post graduate courses other than University Department – nominated by the Vice-Chancellor. (Member)
- iv) Deputy Registrar (Acad) – (Secretary)

### Duties and responsibilities of the Programme Committee shall be as under-

- i) To identify the General Interest Courses (GIC) as per the need of the student and availability of teachers in the Departments.
- ii) To approve the time table of GIC and make it available to the students before the commencement of respective semester. This time table also be made available on the University website.
- iii) To consider and approve the report of grievance redressal committee.
- iv) To remove the difficulties if any faced during implementation of the CBCS and report it to Hon'ble Vice-Chancellor for further action.
- v) Any other matter as it think fit for the effective implementation of CBCS.



VI. Departmental Committee

1. Every P.G. programme of the University/College shall be monitored by a committee constituted for this purpose by the Department.
- TheCommittee shall consist of H.O.D. as a Chairman and all the teachers of the Deptt. of its members including one student members per class. There shall be atleast one student member on the committee.

VII. Grievances Redressal Committee

The University or College shall form a Grievance Redressal Committee for each course in each department with the Course Teacher and the HOD. This Committee shall solve all grievances relating to the Internal Assessment marks of the students.

VIII. Total credits per semester :-

Table-I  
For all subjects other than Mathematics, Biotechnology & Computer Science

Course	Credits				Total
	Sem-I	Sem-II	Sem-III	Sem-IV	
Core	12	12	12	12	48
Elective	04	04	04	04	16
GIC	00	04	04	04	12
Lab. Course	06	06	06	03	21
I.A.	04	04	04	04	16
Project	00	00	00	03	03
Total	26	26 or 30	26 or 30	26 or 30	116

Table-II  
For Mathematics

Course work	Credits				
	Semester I	Semester II	Semester III	Semester IV	Total
Core courses	12	12	12	12	48
Elective Courses	08	08	08	08	32
GIC	--	04	04	04	12
Internal Assessment	05	05	05	05	20
Project	--	--	--	04	04
Total	25	25 or 29	25 or 29	25 or 33	116

Table-III  
For Biotechnology

Course work	Credits				
	Semester I	Semester II	Semester III	Semester IV	Total
Core courses	16	12	12	08	48
Elective Courses	--	9	--	9	18
Lab courses	24	18	18	12	72
Seminar	--	01	01	--	02
Project				06	06
Assignment			02		02
Internal Assessment			02		02
Total	40	40	35	35	150

Table-IV  
For Computer Science

Course	Credits				Total
	Sem-I	Sem-II	Sem-III	Sem-IV	
Core	25	20	15	10	70
Elective	-	05	05	05	15
GIC	-	-	05	-	05
Lab. Course	06	06	06	03	22
I.A.	-	-	-	02	02
Project	-	-	-	04/02	06
Total	31	31	31	26	119

IX. Grade Awards :-

- (i) A seven point rating scale is used for the evaluation of the performance of the student to provide letter grade for each course and overall grade for the Master’s Programme. Grade points are based on the total number of marks obtained by him/her in all the heads of examination of the course. These grade points and their equivalent range of marks are shown separately in Table-I. The performance of the student in theory, practical, internal assessment, subjects shall be evaluated in accordance with following Table-I.

TABLE –I

Grade	Range of Marks obtained out of 100 or Equivalent fraction	Grade Points	Remarks (Not to be displayed On transcripts)
O	90-100	10	Outstanding
A+	80-89	9	Excellent
A	70-79	8	Very Good
B+	60-69	7	Good
B	55-59	6	Fair
C+	50-54	5	Average
C	40-49	4	Below Average
F	Below 40	0	Fail

TABLE-II: Final Grade Points for SGPA and CGPA

Grade Points	Final Grade	Remarks (Not to be displayed On transcripts)
9.00-10.00	O	Outstanding
8.00 – 8.99	A+	Excellent
7.00-7.99	A	Very Good
6.00-6.99	B+	Good
5.50 – 5.99	B	Fair
5.00 – 5.49	C+	Average
4.00 – 4.99	C	Below Average

Equivalence of the conventional division/class with the CGPA is in accordance with the following table no. 4.

Table III. Equivalence of Class/Division to CGPA

Sr. No.	CGPA	Class/Division
1	8.00 or more	First Class – Exemplary
2	7.50 or more but less than 8.00	First Class with Distinction
3	6.00 or more but less than 7.49	First Class
4	5.50 or more but less than 5.99	Higher Second Class
5	4.00 or more but less than 5.49	Second Class
6	Less than 4.00	Fail

The overall performance of a student is evaluated by assigning appropriate weightage to all the *four* semesters in order to maintain the quality of education. A student is permitted to appear for the semester examination subject to he or she has a minimum attendance of 75% in theory and practical classes, completes all his/her internal/ sessional assignments and clears all his/her dues. Non appearance in any examination is treated as the student having secured zero mark in that subject examination.

The evaluation is based on an average weightage system. Every subject has credit points based on the hours of study required. Every student is assessed in a subject with appropriate weightage to internal/sessional work and semester examination, thereby making the students study regularly. Every student is awarded Grade points out of maximum 10 points in each subject (based on 7 Points Scale). Based on the Grade points obtained in each subject, Semester Grade Point Average (SGPA) and then Cumulative Grade Point Average (CGPA) are computed.

X. Computation of SGPA & CGPA

Every student will be awarded points out of maximum 10 points in each subject. (based on 7 Points Scale). Based on the Grade points obtained in each subject the Semester Grade Point Average (SGPA) and then Cumulative Grade Point Average (CGPA) are computed. The computation of SGPA & CGPA, is as under: Semester Grade Point Average (SGPA) is the weighted average of points obtained by a student in a semester and is computed as follows:

$$SGPA = \frac{U1 \times M1 + U2 \times M2 + \dots + Un \times Mn}{U1 + U2 + \dots Un}$$

Where U1, U2, ..... are subject credit of the respective course and M1, M2, ..... are the Grade Points obtained in the respective subject (out of 10)

The Semester Grade Point Average (SGPA) for all the four semesters is also mentioned at the end of every semester.

The Cumulative Grade Point Average (CGPA) is used to describe the overall performance of a student in the course and is computed as under:

$$CGPA = \frac{\sum_{n=1}^4 SGPA(n)C_n}{\sum_{n=1}^4 C_n}$$

Where SGPA (n) is the nth Semester SGPA of the student and C<sub>n</sub> is the nth Semester total credit. The SGPA and CGPA are rounded off to the second place of decimal.

XI. Internal Evaluation Method :-

- (i) At the beginning of each course, every teacher shall inform his/her students unambiguously the method he/she proposes to adopt for the continuous assessment. Normally the teacher concerned may conduct three written sessional examinations spread periodically during the semester and select best two for contributing to the final marks.
- (ii) At the end of each semester the Departmental Committee shall assign grades to the students.
- (iii) The Departmental Committee shall prepare the copies of the result sheet in duplicate.
- (iv) Every student shall have the right to scrutinize answer scripts of sessional/end-semester examinations and seek clarifications from the teacher regarding evaluation of the scripts immediately thereafter or within 3 days of receiving the evaluated scripts.
- (v) The Department shall display the grade points and grades for the notice of students.
- (vi) The department shall send all records of evaluation, including sessional evaluation, for safekeeping to the Controller of Examinations as soon as all the formalities are over.



**XII. Grade Card**

The University shall issue at the beginning of each semester a grade card for the student, containing the grades obtained by the student in the previous semester and his Semester Grade Point Average (SGPA).

The grade card shall list:

- (a) the title of the courses along with code taken by the student
- (b) the credits associated with the course,
- (c) the grade and grade points secured by the student,
- (d) the total credits earned by the student in that semester.
- (e) the SGPA of the student,
- (f) the total credits earned by the students till that semester and
- (g) the CGPA of the student (At the end of the IVth Semester).

**XIII.**At the end of the IVth semester, the University shall issue the statement of marks to the Students showing details of marks obtained by the student in each Head in each semester along with grade total marks.

**XIV. Power to modify and remove difficulties :-**

- 1. Not withstanding anything contained in the foregoing, Hon’ble V.C. in consultation with the Dean of the faculty shall have the power to issue directions or orders to remove any difficulty,
- 2. Nothing in the foregoing may be construed as limiting the power of the University to amend, modify or repeal any all of the above.

Amravati  
Date : 13/7/2009

(Dr.Kamal Singh)  
Vice-Chancellor

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**Appendix-A**

**Examination Scheme under C.B.C.S. for the subject other than Mathematics, Biotechnology and Computer Science in the faculty of Science**  
**M.Sc. Part-I**  
**Semester-I**

SA-Subject abbreviation; C-Core; E-Elective

Sr.No .	Paper / Code	Course	Theory				Practical		
			Max. marks (Credits)	Min Pass Marks (Min. Grade Pt.)	Int. Ass. (Credits)	Min. Pass Marks (Min. Grade Pt.)	Th + Int. Ass. Min.Pass Mar. (Grade Pt.) (5+7)	Max. Marks (Credits)	Min. Pass marks (Min. Grade Point)
1	2	3	4	5	6	7	8	9	10
1	ISA-1	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	--	--
2	ISA-2	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	--	--
3	ISA-3	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	--	--
4	ISA-4	E	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	--	--
5	ISA-5	Lab-I	--	--	--	--	--	100 (03)	40 (04)
6	ISA-6	Lab-II	--	--	--	--	--	100 (03)	40 (04)

Total Marks : 600; Minimum Total Credits : 26

**Note :-** (1) If the student has scored minimum marks or minimum grade points mentioned in Column No.8 out of the sum of total marks of theory and internal assessment taken together then he/she will be declared to have cleared with (04+01) 05 credits.  
(2) If the student has scored minimum marks or minimum grade points in either theory or in internal assessment then he/she will be declared to have cleared in that particular head.

Appendix-B

Examination Scheme under C.B.C.S. for the subject other than Mathematics, Biotechnology and Computer Science in the faculty of Science  
M.Sc. Part-I  
Semester-II

SA-Subject abbreviation; C-Core; E-Elective; GIC-General Interest Course

Sr.No.	Paper / Code	Course	Theory				Practical		
			Max. marks (Credits)	Min Pass Marks (Min. Grade Pt.)	Int. Ass. (Credits)	Min. Pass Marks (Min. Grade Pt.)	Th + Int. Ass. Min.Pass Mar. (Grade Pt.) (5+7)	Max. Marks (Credits)	Min. Pass marks (Min. Grade Point)
1	2	3	4	5	6	7	8	9	10
1	2SA-1	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	--	--
2	2SA-2	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	--	--
3	2SA-3	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	--	--
4	2SA-4 Or 2GIC-X	E and/or GIC	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	--	--
5	2SA-5	Lab-III	--	--	--	--	--	100 (03)	40 (04)
6	2SA-6	Lab-IV	--	--	--	--	--	100 (03)	40 (04)

Total Marks : 600; Minimum Total Credits : 26

**Note :-** (1) If the student has scored minimum marks or minimum grade points mentioned in Column No.8 out of the sum of total marks of theory and internal assessment taken together then he/she will be declared to have cleared with (04+01) 05 credits.  
(2) If the student has scored minimum marks or minimum grade points in either theory or in internal assessment then he/she will be declared to have cleared in that particular head.

Appendix-C

Examination Scheme under C.B.C.S. for the subject other than Mathematics, Biotechnology and Computer Science in the faculty of Science  
M.Sc. Part-II  
Semester-III

SA-Subject abbreviation; C-Core; E-Elective; GIC-General Interest Course

Sr.No.	Paper / Code	Course	Theory				Practical		
			Max. marks (Credits)	Min Pass Marks (Min. Grade Pt.)	Int. Ass. (Credits)	Min. Pass Marks (Min. Grade Pt.)	Th + Int. Ass. Min.Pass Mar. (Grade Pt.) (5+7)	Max. Marks (Credits)	Min. Pass marks (Min. Grade Point)
1	2	3	4	5	6	7	8	9	10
1	3SA-1	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	--	--
2	3SA-2	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	--	--
3	3SA-3	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	--	--
4	3SA-4 Or 3GIC-Y	E and/or GIC	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	--	--
5	3SA-5	Lab-V	--	--	--	--	--	100 (03)	40 (04)
6	3SA-6	Lab-VI	--	--	--	--	--	100 (03)	40 (04)

Total Marks : 600; Minimum Total Credits : 26

**Note :-** (1) If the student has scored minimum marks or minimum grade points mentioned in Column No.8 out of the sum of total marks of theory and internal assessment taken together then he/she will be declared to have cleared that (04+01) 05 credits.  
(2) If the student has scored minimum marks or minimum grade points in either theory or in internal assessment then he/she will be declared to have cleared in that particular head.



Appendix-D

Examination Scheme under C.B.C.S. for the subject other than Mathematics, Biotechnology and Computer Science in the faculty of Science  
M.Sc. Part-II  
Semester-IV

SA-Subject abbreviation; C-Core; E-Elective; GIC-General Interest Course

Sr.No.	Paper / Code	Course	Theory				Practical		
			Max. marks (Credits)	Min Pass Marks (Min. Grade Pt.)	Int. Ass. (Credits)	Min. Pass Marks (Min. Grade Pt.)	Th + Int. Ass. Min.Pass Mar. (Grade Pt.) (5+7)	Max. Marks (Credits)	Min. Pass marks (Min. Grade Point)
1	2	3	4	5	6	7	8	9	10
1	4SA-1	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	--	--
2	4SA-2	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	--	--
3	4SA-3	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	--	--
4	4SA-4 Or 4GIC-Z	E and/or GIC	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	--	--
5	4SA-5	Lab-V	--	--	--	--	--	100 (03)	40 (04)
6	4SA-6	Project	--	--	--	--	--	100 (03)	40 (04)

Total Marks : 600; Minimum Total Credits : 26

**Note :-** (1) If the student has scored minimum marks or minimum grade points mentioned in Column No.8 out of the sum of total marks of theory and internal assessment taken together then he/she will be declared to have cleared with (04+01) 05 credits.

(2) If the student has scored minimum marks or minimum grade points in either theory or in internal assessment then he/she will be declared to have cleared in that particular head.

Appendix-E

Examination Scheme under C.B.C.S. for the subject Mathematics in the faculty of Science  
M.Sc. Part-I  
Semester-I

Sr.No.	Paper / Code	Course	Theory				
			Max. marks (Credits)	Min Pass Marks (Min. Grade Pt.)	Int. Ass. (Credits)	Min. Pass Marks (Min. Grade Pt.)	Th+Int. Ass. Min. Pass Marks (Min. Grade Points) (5+7)
1	2	3	4	5	6	7	8
1	1MTH-1	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
2	1MTH-2	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
3	1MTH-3	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
4	1MTH-4	E	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
5	1MTH-5	E	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
			400 (20)		100 (05)		

Total Marks : 500; Total Credits : 25

**Note :-** (1) If the student score Minimum Marks or Minimum Grade Points mentioned in Column No.8 out of the sum total marks of theory and internal assessment taken together then he/she will be declared to have clear (04+01) 05 credits.

(2) If the student score Minimum Marks or Minimum Grade Points in either theory or internal assessment then he/she will be declared to have clear either of the head.

Appendix-F

Examination Scheme under C.B.C.S. for the subject Mathematics in the faculty of Science  
M.Sc. Part-I  
Semester-II

Sr.No.	Paper / Code	Course	Theory				
			Max. marks (Credits)	Min Pass Marks (Min. Grade Pt.)	Int. Ass. (Credits)	Min. Pass Marks (Min. Grade Pt.)	Th+Int. Ass. Min. Pass Marks (Min. Grade Points) (5+7)
1	2	3	4	5	6	7	8
1	2MTH-1	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
2	2MTH-2	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
3	2MTH-3	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
4	2MTH-4	E	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
5	2MTH-5 and/or 2GIC-X	E and/or GIC	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
			400 (20)		100 (05)		

Total Marks : 500; Total Credits : 25

- Note :-** (1) If the student score Minimum Marks or Minimum Grade Points mentioned in Column No.8 out of the sum total marks of theory and internal assessment taken together then he/she will be declared to have clear (04+01) 05 credits.
- (2) If the student score Minimum Marks or Minimum Grade Points in either theory or internal assessment then he/she will be declared to have clear either of the head.

Appendix-G

Examination Scheme under C.B.C.S. for the subject Mathematics in the faculty of Science  
M.Sc. Part-II  
Semester-III

Sr.No.	Paper / Code	Course	Theory				
			Max. marks (Credits)	Min Pass Marks (Min. Grade Pt.)	Int. Ass. (Credits)	Min. Pass Marks (Min. Grade Pt.)	Th+Int. Ass. Min. Pass Marks (Min. Grade Points) (5+7)
1	2	3	4	5	6	7	8
1	3MTH-1	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
2	3MTH-2	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
3	3MTH-3	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
4	3MTH-4	E	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
5	3MTH-5 and/or 3GIC-Y	E and/or GIC	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
			400 (20)		100 (05)		

Total Marks : 500; Min.Total Credits : 25

- Note :-** (1) If the student score Minimum Marks or Minimum Grade Points mentioned in Column No.8 out of the sum total marks of theory and internal assessment taken together then he/she will be declared to have clear (04+01) 05 credits.
- (2) If the student score Minimum Marks or Minimum Grade Points in either theory or internal assessment then he/she will be declared to have clear either of the head.

Appendix-H

Examination Scheme under C.B.C.S. for the subject Mathematics in the faculty of Science  
M.Sc. Part-I  
Semester-IV

Sr.No.	Paper / Code	Course	Theory				
			Max. marks (Credits)	Min Pass Marks (Min. Grade Pt.)	Int. Ass. (Credits)	Min. Pass Marks (Min. Grade Pt.)	Th+Int. Ass. Min. Pass Marks (Min. Grade Points) (5+7)
1	2	3	4	5	6	7	8
1	4MTH-1	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
2	4MTH-2	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
3	4MTH-3	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
4	4MTH-4	E	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
5	4MTH-5 and/or 4GIC-Z and/or Project	E and/or GIC and/or Project	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
			400 (20)		100 (05)		

Total Marks : 500; Min.Total Credits : 25

- Note :-** (1) If the student score Minimum Marks or Minimum Grade Points mentioned in Column No.8 out of the sum total marks of theory and internal assessment taken together then he/she will be declared to have clear (04+01) 05 credits.
- (2) If the student score Minimum Marks or Minimum Grade Points in either theory or internal assessment then he/she will be declared to have clear either of the head.



Appendix-I

Scheme of Teaching and Examination under C.B.C.S. for the Subject Biotechnology  
M.Sc. (Biotechnology) SEMESTER PATTERN  
M.Sc.Part-I (SEMESTER-I)

T: Lectures, P: Practical, TU: Tutorial/Assignment; G.I.C. – General Interest Course

S N	Subject Code	Paper	Course	Hrs/ Week		Credits		Examination Scheme								
								Theory					Practical			
				T	P/ TU	Theory	Practical	Paper Hrs	Max External; Marks	Max Internal Marks	Total	Min Passing Grade Points	Max Marks Practical	Max Marks Int. Ass	Total	Min Passing Grade Points
1	1BTB-1	I	C	04	06	04		3	100		100	4	--	--	--	--
2	1BTB-2	II	C	04	06	04		3	100		100	4	--	--	--	--
3	1BTB-3	III	C	04	06	04		3	100		100	4	--	--	--	--
4	1BTB-4	IV	C	04	06	04		3	100		100	4	--	--	--	--
5	1BTB-5	Lab-I		--	P 01		12	--	--	--	--	-	80	20	100	5
6	1BTB-6	Lab-II		--	P 02		12	--	--	--	--	--	80	20	100	5
				16	24	16	24				400				200	

Total Credits: 40

Appendix-J

Scheme of Teaching and Examination under C.B.C.S. for the Subject Biotechnology  
M.Sc. (Biotechnology) SEMESTER PATTERN  
M.Sc.Part-I (SEMESTER-II)

T: Lectures, P: Practical, TU: Tutorial/Assignment; G.I.C. – General Interest Course

S N	Subject Code	Paper	Course	Hrs/ Week		Credits		Examination Scheme								
								Theory					Practical			
				T	P/ TU	Theory	Practical	Paper Hrs	Max Theory	Max Internal	Total	Min Passing Grade Points	Max Marks Practical	Max Marks Int. Ass	Total	Min Passing Grade Points
1	2BTB-1	V	C	04	06	4		3	100		100	4	--	--	--	--
2	2BTB-2	VI	C	04	06	4		3	100		100	4	--	--	--	--
3	2BTB-3	VII	C	04	06	4		3	100		100	4	--	--	--	--
4	2BTB-4 and/or 2GIC-X	VIII	E and/or GIC	04	06	4		3		100	100	4	--	--	--	--
5	2BTB-5	Lab-III			P 02		12	--	--	--	--	--	80	20	100	5
6	2BTB-6	Lab-IV			P 02		12	--	--	--	--	--	80	20	100	5
		Total		16	25	16	24				400				200	

Total Credits: 40

Appendix-K

Scheme of Teaching and Examination under C.B.C.S. for the Subject Biotechnology  
M.Sc. (Biotechnology) SEMESTER PATTERN  
M.Sc.Part-II (SEMESTER-III)

T: Lectures, P: Practical, TU: Tutorial/Assignment; G.I.C. – General Interest Course

S N	Subject Code	Paper	Course	Hrs/ Week		Credits		Examination Scheme								
								Theory				Practical				
				T	P/ TU	Theory	Practical	Paper Hrs	Max Theory	Max Internal	Total	Min Passing Grade Points	Max Marks Practical	Max Marks Int. Ass	Total	Min Passing Grade Points
1	3BTB-1	IX	C	04	06	04		3	100	--	100	4	--	--	--	--
2	3BTB-2	X	C	04	06	04		3	100	--	100	4	--	--	--	--
3	3BTB-3	XI and 3GIC-Y	C and GIC	04	06	04		3	100	--	100	4	--	--	--	--
4	3BTB-4	Lab-V			P 02		18	--	--	--	--	--	80	20	100	5
5	3BTB-5	Internal Assessment			01		02		--	--	--	--	--	75	75	5
6	3BTB-6	Assignment					02		--	--	--	--	--	50	50	5
7		Seminar			01	1		-	--	--	--	--		75	75	5
		Total		12	20	13	22	-	--	--	300	--	--	--	300	--

Total Credits: 35

Appendix-L

Scheme of Teaching and Examination under C.B.C.S. for the Subject Biotechnology  
M.Sc. (Biotechnology) SEMESTER PATTERN  
M.Sc.Part-II (SEMESTER-IV)

T: Lectures, P: Practical, TU: Tutorial/Assignment; G.I.C. – General Interest Course

S N	Subject Code	Paper	Course	Hrs/ Week		Credits		Examination Scheme								
								Theory				Practical				
				T	P/ TU	Theory	Practical	Paper Hrs	Max Theory	Max Internal	Total	Min Passing Grade Points	Max Marks Practical	Max Marks Int. Ass	Total	Min Passing Grade Points
1	4BTB-1	XII	C	04	06	04		3	100	--	100	4	--	--	--	--
2	4BTB-2	XIII	C	04	06	04		3	100	--	100	4	--	--	--	--
3	4BTB-3 and/or 4GIC-Z	XIV	E and/or GIC	04	06	04		3		100	100	4	--	--	--	--
4	4BTB-4	Lab-VI					18						80	20	100	5
5	4BTB-5	Project			06		06						200	--	200	5
		Total		12	24	12	24	-	--	--	300	--	--	--	300	--

Total Credits: 35



Appendix-M

Scheme of Teaching and Examination under C.B.C.S. for the subject Computer Science  
M.Sc. (Computer) SEMESTER PATTERN  
M.Sc.Part-I (SEMESTER-I)

T: Lectures, P: Practical, TU: Tutorial/Assignment; G.I.C. – General Interest Course, C-Core

S N	Subject Code	Paper	Course	Hrs/ Week		Credits		Examination Scheme									
								Theory					Practical				
				T	P/ TU	Theory	Practical	Paper Hrs	Max External; Marks	Max Internal Marks	Total	Min Passing Grade Points		Max Marks Practical	Max Marks Int. Ass	Total	Min Passing Grade Points
1	1MCS-1	I	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
2	1MCS-2	II	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
3	1MCS-3	III	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
4	1MCS-4	IV	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
5	1MCS-5	V	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
6	1MCS-6	Lab-I	-	-	7	-	03			-							
7	1MCS-7	Lab-II	-	-	7	-	03			-				100	-	100	40 4.0
		Total		25	14	25	06							100	-	100	40 4.0

Total Credits: 40

Appendix-N

Scheme of Teaching and Examination under C.B.C.S. for the subject Computer Science  
M.Sc. (Computer) SEMESTER PATTERN  
M.Sc.Part-I (SEMESTER-II)

T: Lectures, P: Practical, TU: Tutorial/Assignment; G.I.C. – General Interest Course, C-Core

S N	Subject Code	Paper	Course	Hrs/ Week		Credits		Examination Scheme									
								Theory					Practical				
				T	P/ TU	Theory	Practica l	Paper Hrs	Max Theory	Max Internal	Total	Min Passing Grade Points		Max Marks Practical	Max Marks Int. Ass	Total	Min Passing Grade Points
1	2MCS-1	VI	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
2	2MCS-2	VII	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
3	2MCS-3	VIII	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
4	2MCS-4	IX	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
5	2MCS-5 Or 2GIC-X	X	E or GIC	5	-	5	-	3 Hrs	100	-	100	40	4.00				
6	2MCS-6	Lab-III	-	-	7	-	03	-	-	-	-						
7	2MCS-7	Lab-IV	-	-	7	-	03	-	-	-	-			100	-	100	40 4.0
				25	14	25	06							100	-	100	40 4.0

Total Credits: 40

**Scheme of Teaching and Examination under C.B.C.S. for the subject Computer Science**  
M.Sc. (Computer) SEMESTER PATTERN  
M.Sc.Part-II (SEMESTER-III)

## Appendix-O

T: Lectures, P: Practical, TU: Tutorial/Assignment; G.I.C. – General Interest Course

S N	Subject Code	Paper	Course	Hrs/ Week		Credits		Examination Scheme									
								Theory				Practical					
				Paper Hrs	Max Theory	Max Internal	Total	Min Passing Grade Points	Max Marks Practical	Max Marks Int. Ass	Total	Min Passing Grade Points					
1	3MCS-1	XI	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
2	3MCS-2	XII	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
3	3MCS-3	XIII	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
4	3MCS-4	XIV	E	5	-	5	-	3 Hrs	100	-	100	40	4.00				
5	3MCS-5 Or 3GIC-Y	XV	E or GIC	5	-	5	-	3 Hrs	100	-	100	40	4.00				
6	3MCS-6	Lab-V	-	-	7	-	03			-							
7	3MCS-7	Lab-VI	-	-	7	-	03			-				100	-	100	40 4.0
		Total		25	14	25	06							100	-	100	40 4.0

**Total Credits: 35**

**Scheme of Teaching and Examination under C.B.C.S. for the subject Computer Science**  
**M.Sc. (Computer) SEMESTER PATTERN**  
**M.Sc.Part-II (SEMESTER-IV)**

## Appendix-P

T: Lectures, P: Practical, TU: Tutorial/Assignment; G.I.C. – General Interest Course

[illegible]**Total Credits: 35**



Appendix-Q

List of General Interest Courses (GIC) to be opted by the student/s in Semester-II

Sr.No.	Subject	Subject Code Elective	Equivalent General Interest Course Code
1	2	3	4
1	Chemistry	2CHE3	2GIC-1
		2CHE4	2GIC-2
2	Physics	2PHY3	2GIC3
		2PHY4	2GIC4
3	Mathematics	2MTH4	2GIC5
		2MTH5	2GIC6
4	Zoology	2ZOO3	2GIC7
		2ZOO4	2GIC8
5	Botany	2BOT3	2GIC9
		2BOT4	2GIC-A
6	Statistics	2SCA3	2GIC-B
		2SCA4	2GIC-C
7	Biotechnology	2BTB3	2GIC-D
		2BTB4	2GIC-E
8	Computer Science	2CMS3	2GIC-F
		2CMS4	2GIC-G
9	Microbiology	2MCB3	2GIC-H
		2MCB4	2GIC-I
10	Electronics	2ELE3	2GIC-J
		2ELE4	2GIC-K
11	Biochemistry	2BMC3	2GIC-L
		2BMC4	2GIC-M
12	Geology	2GEO3	2GIC-N
		2GEO4	2GIC-O
13	Bioinformatics	2BIT3	2GIC-P
		2BIT4	2GIC-Q
14	Environmental Science	2ENV3	2GIC-R
		2ENV4	2GIC-S
15	Geoinformatics	2GIT3	2GIC-U
		2GIT4	2GIC-V
16	Computer Software	2CSW3	2GIC-W
		2CSW4	2GIC-1A
17	Remote Sensing and GIS	2RSG3	2GIC-1B
		2RSG4	2GIC-1C
18	Pharmaceutical Chemistry	2PCH3	2GIC-1D
		2PCH4	2GIC-1E

**Note :** Title of the paper shall prescribed in the respective prospectuses.

## SANG GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI

## DIRECTION

No. : 27 / 2010

Date : 24.6.2010

**Subject : Examinations leading to the Degree of विज्ञान पारंगत (Master of Science) (Four Semester Degree Course), Direction, 2009.**

Whereas, Ordinance No.4 of 2008 in respect of Examinations leading to the Degree of विज्ञान पारंगत (Master of Science) (Four Semester Degree Course) Ordinance, 2008 is in existence in the University.

AND

Whereas, the Academic Council in its meeting held on 28.5.2010 vide item No.36 has approved the policy decision regarding introduction of Scheme for Choice Based Credit System (CBCS) and Awarding Grades to the Post Graduate Students in the Faculty of Science, for all subjects along with Draft Regulation in this behalf.

AND

Whereas, due to implementation of Scheme for Choice Based Credit System (CBCS) and Awarding Grades to the Post Graduate Students in the Faculty of Science, the provision under Ordinance No.4 of 2008 need to be revised accordingly.

AND

Whereas, admission to students for M.Sc. Part-I (Semester-I) for all subjects in the faculty of Science are to be made in the Academic Session 2010-11 in choice based credit system (C.B.C.S.).

AND

Whereas, making amendments in Original Ordinance No.4 of 2008 is likely to take some time.

Now, therefore, I, Dr. Kamal Singh, Vice Chancellor of Sant Gadge Baba Amravati University, in exercise of powers conferred upon me under sub-section (8) of section 14 of the Maharashtra Universities Act., 1994, do hereby direct as under:

1. This Direction may be called "Examinations leading to the Degree of विज्ञान पारंगत (Master of Science) (Four Semester Degree Course), Direction, 2009".
2. This direction shall come into force from the date of its issuance.
3. The word "or Biochemistry" in clause i) of sub-para (i) of para 5 shall be deleted.
4. The title of the subject "Electronics (Instrumentation)" be substituted as "Electronics" wherever occur in the Ordinance.
5. Following shall be the eligibility criteria for admission to M.Sc. Part-I Semester-I for the subjects – (i) Pharmaceutical Chemistry, (ii) Biotechnology, (iii) Computer Science.
  - (a) for admission to M.Sc. Pharmaceutical Chemistry a candidate shall have offered Chemistry or Industrial Chemistry or Biochemistry as a subject of study and examination at the B.Sc. Degree.
  - (b) following shall be the eligibility for admission to M.Sc. Semester-I (Biotechnology) -
    - (i) B.Sc. in any discipline of Life Sciences, Bio Sciences or Bachelor's Degree in Agriculture, Veterinary and fishery Sciences, Pharmacy, or Bachelor of Medicine and Bachelor of Surgery (M.B.B.S.) or Bachelor of Dental Surgery or equivalent examination recognized by Sant Gadge Baba Amravati University are eligible to appear in entrance test as given in para (iii) below.
    - (ii) The student should have minimum 50% marks as aggregate in the degree course.
    - (iii) The student will have to pass entrance examination for admission in M.Sc. Semester-I (Biotechnology) as per the Sant Gadge Baba Amravati University rules.
  - (c) following shall be the eligibility for admission to M.Sc. Semester-I (Computer Science) -
    - i. A person who has passed the Degree of Bachelor of Science of this university with Computer Science / Computer Application (Vocational) as on the subjects.  
OR
    - ii. A person who has passed B.A. / B.Sc. with Mathematics plus Post Graduate Diploma in Computer Science of this University.  
OR
    - iii. A person who has passed a Degree of Bachelor of Computer Science.
6. The following subject be inserted in para 9) of the Ordinance after Sr.No. "15. Bioinformatics".
  - "16. Computer Software,
  17. Computer Science
  18. Biotechnology, and
  19. Pharmaceutical Chemistry.



7. A person who desire to improve the division obtained by him/her at M.Sc. examination shall be eligible for improvement of division under the provision of Ordinance No.6 of 2008. However, for improvement of division he/she shall have to offer the core courses only. In no case he/she shall be allowed for improvement of division/grade/CGPA by offering General Interest Course.
8. The number of papers and marks allotted to each subject and the minimum marks which an examinee must obtained in order to pass the examination shall be as indicated in Appendices, appended with the Regulation.
9. The classification in reference to the class/division/grade to be awarded to the examinee shall be as per the Table-III (Equivalence to Class / Division to CGPA) of para No.IX, appended to the Regulation.
10. As soon as possible after the examination, but not later than 30<sup>th</sup>, June following, the B.O.E. shall publish a list of successful examinees arranged in Division as mentioned in Table-III (Equivalence to Class / Division to CGPA) of para No.IX, appended to the Regulation. The names of examinees passing the examination as a whole in the minimum prescribed period and obtaining the prescribed number of places in each subject in the division as per Table-III of the Regulation shall be arranged in order of merit as provided in the Examinations in General Ordinance No.6.

Amravati  
Date : 21/6/2010

Sd/-  
(Dr.Kamal Singh)  
Vice-Chancellor

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### DIRECTION

No. :39/ 2011

Date :23.8.2011

#### Subject : Corrigendum to Direction No. 26/2010

Whereas, the Direction No.26 of 2010 in respect of Scheme of Choice Based Credit System (CBCS) and awarding Grades to the Post Graduate students in the faculty of Science is in existence.

AND

Whereas, the Academic Council in its emergent meeting held on 28.5.2010 vide item No.36 has approved the decision regarding introduction of scheme for C.B.C.S. and Awarding grades to the P.G. students in the faculty of Science under Ordinance No.4 of 2008..

AND

Whereas, in sub-para V of para 3, under Direction No.26 of 2010, there shall be Programme Committee and the duties of the Programme Committee shall be to remove the difficulties if any faced during implementation of C.B.C.S. and report it to Hon'ble Vice-Chancellor for further action and any other matter as it think fit for the effective implementation of C.B.C.S.

AND

Whereas, the Programme Committee in its meetings held on 14.7.2011, 20.7.2011, 30.7.2011 & 9.8.2011 has recommended necessary corrections in the above Direction which will be effective from the academic session 2011-12. The minutes of the Programme Committee was accepted by Hon'ble Vice-Chancellor on dated 22.8.2011.

AND

Whereas, it is necessary to carry out the corrections in the above said Direction immediately.

Now, therefore, I, Dr.Mohan K.Khedkar, Vice Chancellor of Sant Gadge Baba Amravati University, in exercise of powers conferred upon me under sub-section (8) of section 14 of the Maharashtra Universities Act., 1994, do hereby direct as under:

1. This Direction may be called "Corrigendum to Direction No.26/2010.
2. This direction shall come into force from the date of its issuance.
3. (A) In Direction No.26/2010 in respect of Scheme of Choice Based Credit System (CBCS) and awarding Grades to the Post Graduate students in the faculty of Science following paras be corrected as follows :
  - i) In para II, sub para (i) of para 3 in the fifth line after the words 'less than' the figure, sign, and words '72 (52 core and elective)' be substituted by the figures, sign, and words '88(64 core and elective)'
  - ii) In para VI: the title "Departmental Committee" be replaced as "Programme Monitoring" and Para 1 be completely deleted. Instead of this, the new para should be "Every P.G. programme of the University/College shall be monitored by the Head of the Department of the University/College of the concerned subject."
  - iii) The para VII shall be substituted as given below -  
"VII. Grievance Redressal  
All the grievances regarding Internal Assessment shall be settled by H.O.D. or the teacher of the department nominated by H.O.D. / Principal".

iv) In para IX : Table I: the grades in column No.2 shall be substituted as under -

O	by	AA
A <sup>+</sup>	by	AB
A	by	BB
B <sup>+</sup>	by	BC
B	by	CC
C <sup>+</sup>	by	CD
C	by	DD

v) In para X :

- i) In the first line the word 'Grade' be added after the word 'awarded' and before the word 'points'.
- ii) In third line the words 'obtained in each subject' be substituted by the words 'obtained in Core and Elective courses of the subject'

vi) In para XI :

- In sub para (i) in the first line the word "Head of the Department" be inserted after the words & sign "each course," and before the words "every teacher".
- The sentence "Normally the teacher concerned may conduct three written sessional examinations spread periodically during the semester and select best two for contributing to the final marks" shall be deleted.
- Sub para (ii) & (iii) be deleted completely.
- Sub para (iv) be renumbered as sub para (ii) and the word "teacher" in the second line of the original sub para (iv) be substituted by the words "Head of Departments".
- Sub para (v) be renumbered as sub para (iii). In original sub para (v) the words "grade points and grades" be deleted.
- Sub para (vi) be deleted completely.

vii) The word 'Minimum' printed below the table in Appendix A, B, C, D, G, and H, shall be deleted.

viii) Following special explanatory Note be added below the table in Appendix-D, H, L, and P respectively.

**"Special Explanatory Note :-** At the end of IVth semester, the students/examinee who accumulated atleast 88 credits (out of these 88 credits, 64 credits must be on core and elective course) and who has put in the minimum residence time shall be eligible to receive the degree in the subject he/she has admitted".

(B) The students should have accumulated 28 credits of M.Sc. Part-I, Sem-I & II taken together for admission to III Semester and should have completed the term of M.Sc. Part-I (Semester-I & II) satisfactorily.

Amravati  
Date : 22/8/2011

Sd/-  
(Mohan K.Khedkar)  
Vice-Chancellor

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#### DIRECTION

No. : 00 / 2012

Date : 00/6/2012

#### Subject : Corrigendum to Direction No.26/2010 and 39/2011

Whereas, the Direction No.26 of 2010 in respect of Scheme of Choice Based System (CBCS) and awarding Grades to the Post Graduate Students in the faculty of Science is in existence.

AND

Whereas, University has issued corrigendum to Direction No.26 of 2010 vide Direction No.39 of 2011 on dated 23.8.2011.

AND

Whereas, in sub-para V of para 3, under Direction No.26 of 2010, there shall be Programme Committee and the duties of the Programme Committee shall be to remove the difficulties if any faced during implementation of C.B.C.S. and report it to Hon'ble Vice-Chancellor for further action and any other matter as it think fit for the effective implementation of C.B.C.S.

AND

Whereas, the Programme Committee in its meeting held on 1<sup>st</sup> March, 2012 and 18<sup>th</sup> April 2012 has recommended necessary corrections in the above said Directions which shall be effective for 2011-12 session and the minutes of the Programme Committee was accepted by the Hon'ble Vice-Chancellor.

AND

Whereas, the Academic Council in its meeting held on 13.1.2012, vide item No.14(5) F) R-3, I) R-2 & R6 has accepted additional eligibility criteria for Admission to M.Sc. (Zoology), Direct admission to M.Sc. Part-II (Computer Science) for the students who have passed the degree of M.Sc. (Computer Software), and revised syllabi of M.Sc. (Computer Science), which is to be implemented from the Academic Session 2012-13.

AND

Whereas, it is necessary for carryout the corrections in the above said Direction immediately.

Now, therefore, I, Dr.Mohan K.Khedkar, Vice Chancellor of Sant Gadge Baba Amravati University, in exercise of powers conferred upon me under sub-section (8) of section 14 of the Maharashtra Universities Act., 1994, do hereby direct as under:

1. This Direction may be called " Corrigendum to Direction No.26/2010 and 39/2011".



2. This direction shall come into force from the date of its issuance.
3. In Direction No.26/2010 in respect of Scheme of Choice Based System (CBCS) and awarding Grades to the Post Graduate Students in the faculty of Science, following corrections shall be carried out-

- A) i) In para 5<sup>th</sup>, the words and brackets “Degree of विज्ञान स्नातक (Bachelor of Science)” shall be substituted as “Degree of विज्ञान पारंगत (Master of Science)”
- ii) The clause (i), of sub-para (II) of para 3 shall be deleted.
- iii) The clause (i), of sub-para (II) of para 3 shall be renumbered as para (“i”) and new para (ii) shall be added as follows.
- “Minimum total credits that students shall have to accumulate in all four semesters for receiving the M.Sc. degree core subject shall be as shown in the table given as under –

Subject/s	Minimum total credits (Core Elective and GIC)
All subjects other than Mathematics, Computer Science & Biotechnology	104
Computer Science	119
Biotechnology	150
Mathematics	100

- B) i) Under Table-III (Equivalence of Class/Division of CGPA) of Para IX,
- (a) the figures shown '7.49', '5.99', and '5.49' against Sr.Nos.3, 4 & 5 in Column No.2 (CGPA) be substituted by the figures '7.50', '6.00', and '5.50' respectively.
- (b) Following sub-para be added before the para 'X'.
- “Declaration of Merit List :-** Merit list of M.Sc. (C.B.C.S.) examination shall be prepared from the examinee who have successively cleared minimum total credits including GIC as shown in the table assigned in the first attempt.
- ii) Special Explanatory note shown under Appendix-D, H, I, L and P shall be deleted.
- The note No.(2) printed under Appendix-A, B, C, D, E, F & H shall be substituted as follows-
- “If the student has not scored minimum marks or minimum grade points mentioned in column No. 8 and if the student scores minimum marks or minimum grade points in either theory or internal assessment then he/she will be declared to have cleared either of the head”.
4. In Direction No.39 of 2011, under para IX), in Table-I & II, under column No.2, i.e. “Grade Points” and “Final Grade” shall be substituted respectively as under.
- |    |    |     |
|----|----|-----|
| “O | by | AA  |
| A+ | by | AB  |
| A  | by | BB  |
| B+ | by | BC  |
| B  | by | CC  |
| C+ | by | CD  |
| C  | by | DD” |
5. As the revised syllabi has been accepted by the Academic Council, for the subject Computer Science of four theory papers to each semester therefore the Scheme of Examination for M.Sc. Semester-I to IV shall be as per Appendices-A, B, C & D appended to Direction No.26 of 2010, which is to be implemented for Semester-I from Winter-2012, Semester-II from Summer-2012, Semester-III from Winter-2013 & Semester-IV from Summer-2014 respectively.
6. The students passing B.Sc. Agriculture with specialization Antomology and Fisheries shall be eligible for admission to M.Sc. Zoology with specialization Antomology and Fisheries respectively.

Amravati  
Date : ...../6/2012

Sd/-  
(Mohan K.Khedkar)  
Vice-Chancellor

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**NOTIFICATION**

No. 112 /2019

Date : 31/08/2019

**Subject :- Implementation of new syllabi of Semester I & II of Master in Computer Application (Three Year Degree Course.... Semester Pattern ) as per Credit Grade System in the Faculty of Science & Technology from the session 2019-2020 and onwards in phase wise manner .**

It is notified for general information of all concerned that the authorities of the University have accepted to implement the new syllabi as per AICTE Guidelines of Semester I & II of Master in Computer Application (Three Year Degree Course.... Semester Pattern ..Credit Grade System ) Course from the academic session 2019-2020 and onwards in phase wise manner as per **Appendix – A** :

Sd/-  
(Dr.T.R.Deshmukh)  
Registrar  
Sant Gadge Baba Amravati University

**Appendix – A**

**SYLLABUS OF MASTER IN COMPUTER APPLICATION SEMESTER I**

**Course Code**                      **MCA19101/PGDCS19101**

**Course Name**                    **Computer Organization and Architecture**

**Credits**                            **4**

**Course Outcomes**

1. Understanding of digital system, its organization and architecture.
2. Apply knowledge of digital electronics logic gate to combinational and sequential circuits.
3. Knowledge of the basics of computer hardware and how software interacts with computer hardware.
4. Apply concepts of assembly language in solving problems.
5. Illustrate the concept of processing I/O organization and examine different ways of communicating with I/O devices and standard I/O interfaces.

<b>Units</b>	<b>Contents</b>	<b>Total Hrs</b>
I	<b>Introduction to Boolean Algebra Number systems and Boolean Algebra:</b> Number systems, binary codes, Axiomatic Definition of Boolean Algebra, Basic Theorems and Properties of Boolean Algebra, Boolean Functions, Canonical and Standard Forms, Expression simplification using Boolean theorem and K-map.	10
II	<b>Introduction to Digital Electronics Logic gates:</b> Basic Gates, Universal Gate, the exclusive OR gate, Equivalence Gates. Combinational circuits: Adders, Subtractors, Binary Parallel Adder, Decimal Adder, Decoders, Multiplexers. Sequential Circuits: Flip ó Flops, Triggering of Flip- Flops.	9
III	<b>Basic Structure of Computers:</b> Basic organization of von Neumann machine, Instruction execution in von Neumann machines, Evolution of Computer Types, Functional and structural organization of computers, Functional Units, Basic Operational Concepts, Bus Structures, Performance ó Processor Clock, Multiprocessing and Multicomputer.	10
IV	<b>Machine Instructions and Programs :</b> Memory Location and Addresses, Memory Operations, Instruction sets, Instruction formats and Instruction Sequencing, Addressing modes, Introduction to Assembly language, Basic Input and Output Operations, subroutines in Assembly language.	9
V	<b>Input / Output Organization:</b> Accessing I/O Devices (I/O fundamentals: handshaking, buffering, programmed I/O), Interrupts, interrupt driven I/O, Exceptions, Direct Memory Access, Buses (protocols, arbitration), Interface Circuits, Standard I/O Interfaces ó PCI Bus, SCSI Bus, USB.	9
VI	<b>Storage systems and their technology, Memory Hierarchy:</b> Introduction to Importance of temporal and spatial locality, Semiconductor RAM Memories, Read Only Memories, Speed, Size, and Cost, Latency, cycle time, bandwidth and interleaving, Cache Memories ó Mapping Functions, Replacement Algorithms, Performance Considerations, Virtual Memories (page table, TLB), Fault handling and reliability, Secondary Storage. Control Unit Data Path & Control path design, Microprogramming vs. Hardwired control, RISC vs. CISC	9



**Text Books:**

1. Digital Logic and Computer Design Morris Mano, Pearson Education
2. Carl Hamacher, Z Varnesic and S Zaky, ̈ Computer Organizationö, Tata McGraw-Hill, 5th Edition, ISBN: 13 9781259005275.

### Reference Books:

1. Stallings, William Computer organization and architecture designing for performance. Pearson Education India, 2000.
2. M. Morris, R. Mano Logic Fundamentals and Computer Design, Prentice Hall of India, 4 th Edition, 2007.
3. David A. Patterson and John L. Hannessy Computer Organization and Design: The Hardware and Software Interface, Morgan Kaufmann, Elsevier, 4th Edition, 2012.
4. John Hayes, Computer Architecture and Organization, Tata McGraw Hill, 5 th Edition, 1996.2002.

<b>Course Code</b>	<b>MCA19102/PGDCS19102</b>		
<b>Course Name</b>	<b>Object Oriented Programming with C++</b>		
<b>Credits</b>	<b>04</b>		
<b>Course Outcomes</b>	<ul style="list-style-type: none"> <li>• Understanding of Object oriented programming and advanced C++ concepts.</li> <li>• Use C++ Concepts for solving real life problems.</li> <li>• Develop problem solving skills using object oriented techniques.</li> </ul>		
<b>Units</b>	<b>Contents</b>	<b>Total Hrs</b>	
I	Objects & Classes in C++ : Declaring & using classes, Constructors, Objects as functions arguments, Copy Constructor, Static class data. Arrays of objects, C++ String class.	9	
II	Operator overloading : Overloading unary & binary operators. Data conversion .Pit falls of operator overloading. Pointers & arrays. Pointers & functions. new & delete operators. Pointers for objects.	9	
III	Inheritance in C++ : Derived class & base class, Derived class constructors, Function overloading, class hierarchies, Public and private inheritance, Multiple inheritance. Containership : classes within classes.	9	
IV	Virtual functions concepts, Abstracts classes & pure virtual functions. Virtual base classes, Friend functions, Static functions, Assignment and copy initialization, the this pointer. Dynamic type information.	9	
V	Streams & Files in C++: Stream classes, stream errors, disk file I/O with streams, File pointers, Error handling in file I/O. File I/O with members functions, overloading the extractions & insertion operators, Memory as a stream object, command- line arguments. Multi-file programs.	10	
VI	Function Template, Class templates, Exception syntax, Multiple exceptions, exception with arguments. Introduction to the Standard Template Library. Algorithms, Sequential Containers, Iterates, Specialized iterates, Associative containers. Function objects.	10	

**Text Book :** Robert Lafore Object - Oriented Programming in C++ (Galgotia).

### Reference Books :

1. Herbert Schildt C++: Complete Reference (TMH).
2. Bjarne Stroustrup C++ Programming Language (Addison-Wesley).
3. Venugopal Mastering C++. (TMH).
4. Lipmann C++ Primer (Addison-Wesley).
5. Savitch: Problem Solving using C++ (AddisonWesley) Low- Priced Edition.

<b>Course Code</b>	<b>MCA19103/PGDCS19103</b>
<b>Course Name</b>	<b>Mathematical Foundation</b>
<b>Credits</b>	<b>4</b>
<b>Course Outcomes</b>	

Units	Contents	Total Hrs
I	Computer Arithmetic, Floating point representation of numbers, Arithmetic operations with floating point numbers, Errors in numbers and their computations, Errors Analysis, Iterative Methods: Bisection, False position, Newton-Raphson methods, Secant method.	10
II	Matrices and linear system of equation: Matrix operations, transpose of matrix, inverse of matrix, rank of a matrix, consistency of a linear system of equation, Solution of linear system: Matrix Inversion method, Gaussian elimination Method, Method of Factorization, Ill-conditioned linear system, The Gauss Seidel iterative method.	9
III	Interpolation: Introduction, Errors in polynomial interpolation, Finite differences, Difference Tables, Newton's Formulae for interpolation, Lagrange Interpolation, Truncation Error in Interpolation, Spline Interpolation,	9
IV	Least squares approximation of function: Linear Regression, Polynomial Regression, Fitting exponential and trigonometric functions, Taylor series representation, Chebyshev series.	9
V	Numerical Differentiation: The Cubic Spline Method, Numerical Integration: Trapezoidal rule, Simpson's 1/3 Rule, Simpson's 3/8 Rule, Euler's Method, Runge-Kutta method, Predictor-corrector methods, Laplace's equation: Jacobi's method, Gauss Seidel Method.	10
VI	Solution of Integral Equation: Types of Integral equations, Numerical methods for Fredholm Equations. Singular Kernels, Method of Invariant Imbedding.	9

**Text Books:**

1. Narsingh Deo, "Graph theory with applications to engineering and computer science"
2. V. Rajaraman, "Computer Oriented Numerical Methods", PHI
3. S. S. Sastry, "Introductory Methods of Numerical Analysis", PHI

### Reference Books:

1. Steven C. Chapra, Raymond P. Canale, "Numerical Methods for Engineers", Tata McGraw Hill.
2. M.Goyal, "Computer Based Numerical & Statistical Techniques", ISP.

**Course Code** **MCA19104/PGDCS19104**

**Course Name** **System Analysis Design**

Credits 4

### Course Outcomes

- **Understand** different phases of Systems Development life cycle.
- **Understand** how projects are initiated and selected, **define** a business problem and **determine** the feasibility of a proposed project.
- **Apply** information gathering methods effectively to elicit human information requirement.
- **Understand** prototyping and **develop** logical DFDs that illustrate the proposed system.
- **Create** data dictionary and **choose** an appropriate decision analysis method for analyzing structured decision and creating process specification.
- **Design** input-output for user interface and database for storing data.

Units	Contents	Total Hrs
I	<b>Introduction:</b> Types of systems, Integrating Technologies for systems, Role of system analyst, Review of System DLC, Organization as systems, Levels of management, Organizational culture, Project fundamentals.	9
II	<b>Project Management:</b> Project Initiation, Feasibility study, Ascertaining hardware/software needs, Identifying & forecasting cost/benefit & comparing cost/benefit, Activity planning & control, Managing analysis & design activities, Writing and presenting the systems proposals.	10
III	<b>Information Gathering:</b> Sampling and investigating hard data, Interviewing, Planning & conducting interview & reporting, Joint application design, Using questionnaires, Planning, designing and administering the questionnaire, Observation of a decision-makers behavior and office environment.	9
IV	<b>Prototyping and DFD's:</b> Prototyping, User reactions, Approaches to prototyping & developing prototype, Data flow approach to requirements, Developing DFDs, Logical & Physical DFDs, Examples of DFDs.	10
V	<b>Unit V:Data dictionary and Overview of process specifications:</b> Data dictionary concept , Data repository, Creating & using data dictionary, Overview of process specifications, Structured English, Decision tables/trees, Decision support system & decision making concepts relevant to DSS. Semi structured decisions, Multiple-criteria decision-making.	9



VI	<p><b>Designing Effective Input-Output and Databases:</b> Output Design Objectives, Designing printed output, Screen output, Input Design objectives, Form Design, Screen Design for input, Designing Databases: Data Concepts, Normalization, Guidelines for Master File / Database Relation Design, Making Use of the Database.</p> <p><b>Text Book:</b> Kenneth E.Kendall&amp; Julie E.Kendall:öSystem Analysis and Designö (Pearson Edn.) 8/e</p>	9
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### Reference Books:

1. Yeates *System Analysis & Design* (Macmillan)
2. J.Fitzgerald & A.Fitzgerald, *Fundamentals of System Analysis & Design* (John-Wiley) 3/e

<b>Course Code</b>	<b>MCA19104/PGDCS19104</b>
<b>Course Name</b>	<b>Management Information System</b>
<b>Credits</b>	<b>4</b>
<b>Course Outcomes</b>	<ul style="list-style-type: none"> <li>• Understand the leadership role of Management Information Systems in achieving business competitive advantage through informed decision making.</li> <li>• Analyze and synthesize business information and systems to facilitate evaluation of strategic alternatives.</li> <li>• Effectively communicate strategic alternatives to facilitate decision making. Evaluate the role of information systems in today's competitive business environment.</li> <li>• Assess the relationship between the digital firm, electronic commerce, electronic business and internet technology.</li> </ul>

Units	Contents	Total Hrs
I	MIS concepts, definition, Role, Impact of MIS, MIS and computers, MIS and academics, MIS support to Management, Role and importance of management. MIS and process of management MIS in organization structure and strategic management business.	9
II	Basics of MIS : Decision making, Decision methods, behavioral concepts, organizational decision making, MIS and decision making concepts, Information; concepts and classification, Methods of data and information collection : value of information, organization and information. Human as an information processor. Development of MIS and choice of IT.	10
III	Applications of MIS : Applications in manufacturing sector, applications in service sector, Introduction to service, sector, Creating a destructive services, MIS applications in service industries and role of MIS in source industries. DSS: Concepts and philosophy, deterministic systems and knowledge based expert systems. MIS and role of DSS. MIS in Enterprise Management System.	9
IV	Technology in MIS : Data processing, Transaction processing, Application processing, Information System processing, TQM of IS. DBMS: Object Oriented Technologies, client Server Arch. And MIS.	9
V	MIS and Networks: Network Topology, LAN, Data Communication, ATM Technology, Business Process Reengineering: Introduction BP, Process Model of organization, Value stream model, Delays in BP, Relevance of IT, MIS and BPR.	9
VI	MIS and Data warehouse: Architecture, Design and Justification of data warehouse, organization. Management and implementation of data -warehousing, E-Business: Models, WWW, E-payment, security in E-business, MIS and E-business.	10

**Text Book:** W. S. Jawadekar : Management Information System (II Edition), (TMH)

### Reference Books:

1. Kenneth C. Landon & J. P. Landon.: Management Information System, 8th Ed. Pearson Education.
2. Voichdan, Homer, Information Systems for operation & Mgmt.
3. A. K.Gupta and J.K. Sharma: Management of Systems (Macmillan)

<b>Course Code</b>	<b>MCA19104/PGDCS19104</b>
<b>Course Name</b>	<b>Accounting and Financial Management</b>
<b>Credits</b>	<b>4</b>

## Course Outcomes

- **Understanding of importance of Book-keeping.**
- **Knowledge of different methods and practices of book-keeping.**
- **Knowledge of types of accounting.**
- **Understanding of financial management.**
- **Knowledge of different methods and practices in financial management.**

Units	Contents	Total Hrs
I	Accounting: meaning, objectives and functions, classification. Role of accountants in society, Book-keeping cycle, Important terms, Types of accounts, Cashbook, ledger and trial Balance.	9
II	Recent trends in the development of accounting, International accounting standards, Accounting theory, Approaches to accounting theory, classification of accounting theory, relation between accounting theory and accounting practice. Concepts: Capital and Income. Approaches for measurement of Income, Expenses, Revenue.	10
III	Nature and Scope of Financial Management, Time value of money, Financial statements, Financial statement analysis, Fund flow statement, Cash flow statement, Budgeting for profit planning and control.	9
IV	Fund Management: Sources of finance, Working capital management, Dividend and Bonus, Financial markets and marketing of securities.	9
V	Cost Accounting: Methods of Costing, Type, Material purchase control, Inventory control, material issue control, Labor cost, process costing, operating/service costing, Cost Control and cost reduction.	9
VI	Recent developments in financial management: Capital Asset Pricing Model (CAPM), Capital Market Line (CML), Security Market Line (SML). International Financial Management: Introduction, Types of Foreign Capital, International Finance, International Financial Management: Merits, Functioning of Multi-National and Trans-National Companies.	10

**Text Books:**

1. S. K.R. Paul, -Financial AccountingøNew central book agency Pvt. Ltd. Kolkata
2. S. K. Gupta and R. K. Sharma, -Financial Management: Theory and Practiceø Kalyani Publishers, Ludhiyana.
3. R.S.N. Pillai, V. Bhagavathi, -Cost Accountingø S. Chand and Co. Ltd., New Delhi

### Reference Books:

1. JawaharLal, -Management Accounting- Himalaya Publishing House, Mumbai.
2. M. N. Arora, -Cost and Management Accounting-Theory, Problem & Solutions, Himalaya Publishing House.

<b>Course Code</b>	<b>MCA19106/PGDCS19106</b>
<b>Course Name</b>	<b>Lab 1 – Based on C++</b>
<b>Credits</b>	<b>01</b>
<b>Course Outcomes</b>	<b>Skill of application of OOP concept for solving problems.</b>

Units	Contents	Total Hrs
I	<p>The sample list of program is given below. This list can be used as guide line for problem statements but the scope of the laboratory should not be limited to the same. Aim of the list is to inform about minimum expected outcomes.</p> <ol style="list-style-type: none"> <li>1. Write a C++ program to calculate prime number using default, copy and parameterized constructor of class.</li> <li>2. Write a C++ program to demonstrate working at destructor.</li> <li>3. Write a C++ program for addition of two complex numbers using object as a function argument.</li> <li>4. Write a C++ program to demonstrate static class data.</li> <li>5. Write a C++ program to read and display details of 10 students using array of objects.</li> <li>6. Write a C++ program to demonstrate various function of string object using C++ string class.</li> <li>7. Write a C++ program for overloading the unary and binary operator.</li> <li>8. Write a C++ program to demonstrate to use a pointer &amp; array of pointer</li> </ol>	30



9. Write a C++ program to demonstrate new & delete operator.
10. Write a C++ program to show use of pointer to object.
11. Write a C++ program to show working of derive class constructor..
12. Write a C++ program to find out the payroll system using single inheritance.
13. Write a C++ program for calculating students total marks and percentage using multilevel inheritance.
14. Write a C++ program for multiplication of two numbers using multiple inheritances.
15. Write a C++ program for hybrid inheritance.
16. Write a C++ program to demonstrate the working of virtual base class.
17. Write a C++ program to overload the insertion and extraction operator in a stream.
18. Write a C++ program to perform I/O operation on a file.
19. Write a C++ program to count number of words, character and lines in file.
20. Write a C++ program using exception handling to manage divide by zero error.
21. Write a C++ program using exception handling with single and multiple catch blocks.
22. Write a C++ program to using command line argument for supplying or rename the file name.
23. Write a C++ program to find greatest of three number using templates.
24. Write a C++ program to interchange the value of 2 variables using class template.

**Reference Books:**

1. Robert Lafore Object-Oriented Programming in C++ (Galgotia).
2. Herbert Schildt C++: Complete Reference (TMH).
3. Bjarne Stroustrup C++ Programming Language (Addison-Wesley).
4. Venugopal Mastering C++ (TMH).
5. Lipmann C++ Primer (Addison-Wesley).
6. Savitch: Problem Solving using C++ (AddisonWesley) Low- Priced Edition.

<b>Course Code</b>	<b>MCA19107/PGDCS19107</b>	
<b>Course Name</b>	<b>Lab 2 – Based on Mathematical Foundation</b>	
<b>Credits</b>	<b>01</b>	
<b>Course Outcomes</b>	<b>Skill of solving mathematical problems using numerical and statistical methods.</b>	
<b>Units</b>	<b>Contents</b>	<b>Total Hrs</b>
I	<p>The sample list of program is given below. This list can be used as guide line for problem statements but the scope of the laboratory should not be limited to the same. Aim of the list is to inform about minimum expected outcomes.</p> <ol style="list-style-type: none"> <li>1) Write a program to find the roots of nonlinear equations using Bisection method.</li> <li>2) Write a program to find numerical solution of ordinary differential equations by Runge-kutta method.</li> <li>3) Write a program to solve the system of linear equations using Gauss -seidal iteration method.</li> <li>4) Write a program to solve the system of linear equations using gauss - elimination method.</li> <li>5) Write a program to find the roots of non-linear equation using Newton-Raphson methods,.</li> <li>6) Write a program for numerical integration using trapezoidal rule.</li> <li>7) Write a program to find numerical solution of ordinary differential equations by Euler's method.</li> <li>8) Write a program to implement curve fitting by least square approximations.</li> <li>9) Write a program to find the roots of nonlinear equations using False position Method.</li> <li>10) Write a program to find the roots of nonlinear equations using Secant method.</li> <li>11) Write a program to integrate numerically using Simpson's rules.</li> <li>12) Write a program to solve the system of linear equations using Gauss - Jordan method.</li> <li>13) Write a program to find the numerical solution of wave equation.</li> <li>14) Write a program to integrate numerically using Taylor Series method.</li> </ol>	30
<b>Course Code</b>	<b>MCA19108/PGDCS19108</b>	
<b>Course Name</b>	<b>Lab. 3 – Based on Web Technology</b>	
<b>Credits</b>	<b>3</b>	
<b>Course Outcomes</b>	<ul style="list-style-type: none"> <li>• Gain conceptual as well as practical knowledge of web-development Languages and web-designing tools.</li> <li>• Develop skills of basic web-development.</li> <li>• Able to use web design tools and to design and develop web-pages professionally.</li> </ul>	
<b>Units</b>	<b>Contents</b>	<b>Total Hrs</b>
I	<p>Web Essentials: The internet, Basic Internet Protocols, The World Wide Web, HTTP Request Message, HTTP Response Message, Web Clients, Web Servers, Markup Languages: XHTML 1.0, Basics of XHTML, Fundamentals HTML Elements, Relative URLs, Lists, Tables, Frames, Forms, Defining XHTML's abstract syntax: XML, Creating HTML Documents.</p>	10

II	<b>Styling Pages (CSS):</b> Introduction to CSS; types of CSS (CSS-1, CSS-2, CSS-3), applying CSS (inline, embedded, external). CSS Properties: Text properties, font-properties, border properties. Selectors, universal, element selector, class selector, ID Selector, decedent selector, pseudo selector. Box Model: border properties, padding properties, margin properties. List properties, background properties, table properties.	10
III	XML Document Structure, parsers and well-formed XML Documents, Defining DTD, XML Namespaces. XML Schema: Schema v/s DTD, Simple API for XML (SAX), eXtensible Style sheet Language Transformation (XSLT) Custom Markup Language: Introduction, Mathematical Markup Language (MathML), Chemical Markup Language (CML), Wireless Markup Language (WML), Geography Markup Language (GML), Scalable Vector Graphics (SVG), Bean Markup Language (BML), Extensible 3D Language (X3D).	10

**Text Books:**

1. Programming with world wide web by Robert Sebesta on Pearson
2. Beginning with HTML, XHTML, CSS and Javascript by John Duckett, Wiley-Wrox

### Reference Books:

1. XML How to Program by Deitel and Deitel, Pearson.
2. Web technologies by Jeffrey C. Jackson (Pearson )
3. Internet and World Wide Web How to program, P.J. Deitel& H.M. Deitel  
Pearson
4. Internet Protocols by Subrata Goswami (Springer India)
5. Dietel and Dietel: WWW: How to Program, (LPE )

**M.C.A. SEMESTER - II**

<b>Course Code</b>	<b>MCA19109/PGDCS19109</b>
<b>Course Name</b>	<b>Data Structures</b>
<b>Credits</b>	<b>4</b>
<b>Course Outcomes</b>	<ul style="list-style-type: none"><li>• Knowledge of basic data structures and algorithms.</li><li>• Understand concepts of searching and sorting techniques</li><li>• Understand concepts of stacks, queues, lists, trees and graphs.</li><li>• Able to write algorithms for solving problems with the help of fundamental data structures</li></ul>

Units	Contents	Total Hrs
I	Data structures basics, Mathematical /algorithmic notations & functions, Complexity of algorithms, Sub-algorithms. String processing: storing strings, character data type, string operations, word processing, and pattern matching algorithms.	10
II	Linear arrays and their representation in memory, traversing linear arrays, inserting & deleting operations, Bubble sort, Linear search and Binary search algorithms. Multi-dimensional arrays, Pointer arrays. Record structures and their memory representation. Matrices and sparse matrices.	9
III	Linked lists and their representation in memory, traversing a linked list, searching a linked list. Memory allocation & garbage collection. Insertion deletion operations on linked lists. Header linked lists, Two- way linked lists.	9
IV	Stacks and their array representation. Arithmetic expressions: Polish notation. Quick sort, application of stacks. Implementation of recursive procedures by stacks, Queues. Deques. Priority queues.	10
V	Trees, Binary trees & and their representation in memory, Traversing binary trees. Traversal algorithms using stacks, Header nodes : threads. Heap and heapsort. Path length & Huffman's algorithm. General trees.	9



- VI Graph theory, sequential representations of graphs, Warshallsøalgorithm, Linked representation, operations & traversing the graphs. Posets& Topological sorting. Insertion Sort, Selection Sort. Radix sort.  
**Text Book :** Seymour Lipschutz: ðData Structures with Cö, Schaumø Outline Series.

**Reference Books:**

1. Forouzan, Gilberg: Data Structures and Algorithms, CENGAGE Learning.
2. ReemaThareja: Data Structures using C, Oxford University Press, 2011.
3. Arpita Gopal: Magnifying Data structures, PHI (EEE), 2010.
4. Ellis Horowitz, SartajSahni: Fundamentals of Data Structures, CBS Publications.

**Course Code** **MCA19110/PGDCS19110**

**Course Name** **Operating System**

**Credits** **04**

**Course Outcomes**

- Analyze & Classify different types of operating system
- Understand the working of Operating system
- Understand the Memory Management policies.
- Concepts of input/output, storage and file management
- Understand various protection and security mechanisms

Units	Contents	Total Hrs
I	Introduction :Operating System (OS) definition, OS Evolution, OS Components and Services. Process Concept, Process Scheduling, Operations on Processes, Cooperating Processes, Interprocess Communication, Threads Overview, Multi-threading Models, Threading Issues, Java Threads.	09
II	CPU Scheduling Concepts, Scheduling Criteria and Algorithms. Process Synchronization: The Critical-Section Problem, Synchronization Hardware, Semaphores, Monitors. Deadlocks: Definition & Characterization, Deadlocks Prevention, Avoidance, Detection and Recovery from Deadlock.	10
III	Memory Management Background, Swapping, Contiguous Memory Allocation Schemes, Paging, Segmentation. Virtual Memory Management: Background, Demand Paging scheme, Process Creation, Page Replacement Policies, Allocation of Frames, Thrashing.	10
IV	Memory Management Background, Swapping, Contiguous Memory Allocation Schemes, Paging, Segmentation. Virtual Memory Management: Background, Demand Paging scheme, Process Creation, Page Replacement Policies, Allocation of Frames, Thrashing.	9
V	I/O Systems :Overview, I/O Hardware, Application I/O Interface, and Kernel I/O Subsystem. Transforming I/O to Hardware Operations. Disk Scheduling, Disk Management, Swap ó Space Management, RAID Structure.	9
VI	File protection & security: Goals of Protection, Principles of Protection, Revocation of Access Rights, Security Problem, Program Threats, Classi¼cations, User Authentication, Implementing Security Defenses, Firewalling to Protect Systems	9

**Text Books :** Avi Silberschatz , P.B.Galvin, G. Gagne : ðOperating System Conceptö (Sixth Edition) John Wiley & Sons Publication.

**Reference Books:**

1. A.S.Tanenbaum, "Modern Operating Systems" Pearson Education.
2. William Stallings, "Operating Systems" Prentice-Hall.
3. D.M.Dhamdhare, "Operating Systems" Tata McGraw-Hill.
4. M.Milankovic, "Operating Systems" McGraw-Hill.
5. Achutt Godbole, "Operating Systems" Tata McGraw-Hill.

**Course Code**                      **MCA19111/PGDCS19111**

**Course Name**                    **Database Management System**

**Credits**                            **4**

**Course Outcomes**

Units	Contents	Total Hrs
I	<b>Database system architecture:</b> Introduction : Database System Applications, Purpose of Database Systems, View of Data, Data Abstraction, Instances and Schemas, Data models. Data Storage and Querying, Database Architecture, Database Users and Administrators. Entity- Relationship Model, Basic Concepts, Constraints, Keys, Entity Relationship Diagram, Reduction to Relational Schema. Extended E-R Features.	10
II	<b>Relational query languages:</b> Introduction to Relational Model, Relational -Algebra, Fundamental Operations, Additional Relational Algebra Operations, Extended Relational Algebra Operations.  SQL: Overview of SQL, SQL Data Definition, Basic structure, Additional Basic operation, Set Operations, Null Values, Aggregate Functions, Nested Sub-queries, Views.	9
III	<b>Relational database design:</b> Integrity constraints, Triggers, Features of good Relational Designs, Normalization, Atomic Domains and First Normal Form, Decomposition using Functional Dependency, Normal forms, Introduction to Query Processing & Optimization.	9
IV	<b>Transaction processing :</b> Transaction Concept, ACID Properties, Transaction Atomicity and Durability, Transaction Isolation, Serializability, Recoverable and Cascade-less Schedules.	9
V	<b>Concurrency Control:</b> Lock-Based Protocols, Time stamp Based Protocols, Multiple Granularity, Deadlock Handling, Recovery System: Failure Classification, Storage, Recovery and Atomicity, Log-Based Recovery.	9
VI	<b>Advanced topics :</b> Data warehousing and data mining. Decision Support System, Data warehousing, Data Mining, Spatial and Temporal Data, Motivation, Time in Databases, Spatial and Geographic Data, Multimedia Databases.	10

**Text Book :**

"Database System Concepts", 6th Edition by Abraham Silberschatz, Henry F.Korth, S. Sudarshan, McGraw-Hill.

**Reference Books:**

1. J. D. Ullman, "Principles of Database and Knowledge Base Systems", Vol 1, Computer Science Press.
2. R. Elmasri and S. Navathe, "Fundamentals of Database Systems", 5th Edition, Pearson Education
3. Serge Abiteboul, Richard Hull, Victor Vianu, "Foundations of Databases", Reprint by Addison-Wesley.

**Course Code** MCA19112/PGDCS19112

**Course Name** E-Commerce

**Credits** 4

**Course Outcomes**

- Gain a comprehensive understanding of the E-Commerce landscape, current and emerging business models, and the technology and infrastructure underpinnings of the business.
- Leverage the E-Commerce platforms to enhance current business or incubate new businesses.
- Gain an understanding on how innovative use of the E-Commerce can help developing competitive advantage.
- Develop an understanding on how internet can help business grow.
- Gain an understanding on the importance of security, privacy, and ethical issues as they relate to E-Commerce.

Units	Contents	Total Hrs
I	E-Commerce: The difference between E-commerce and E-business, Why study E-commerce? Eight unique features of E-Commerce Technology, Types of E-Commerce, Growth of the Internet and the Web, Origins and Growth of E-commerce, E-Commerce - A brief History.	10
II	E-commerce Business Models and Concepts : E-Commerce business Model-eight Key elements of a Business Model, Major Business-to-Consumer (B2C) Business Models, Major Business to - Business (B2B) Business Models : Business Models emerging in E-Commerce areas, How the Internet and the WEB change Business; Strategy, Structure and Process.	10
III	E-Commerce Infrastructure : The Internet: Technology Background, The Internet Today, Internet II; The future infrastructure, The World Wide Web, The Internet and the Web Features.	9
IV	Building an E-Commerce Web Site : Building and E-Commerce Wet Site- A strategic approach, Choosing Server Software, Choosing the Hardware for an E-Commerce site, Other E-Commerce Site Tools.	9
V	Online Security and payment systems : The E-Commerce Security Environment, Security threads in the E-commerce environment, Technology solutions, Management Policies, business procedures and public laws, payment systems.	9
VI	E-Commerce Marketing Concepts: Consumer online; The Internet Audience and Consumer behavior, Basic Marketing Concepts, Internet Marketing Technologies, B2C and B2CE=Commerce marketing and Branding strategies.	9

**Text Book :** Keneth C. Laudon, Carol GurcioTraveöe-commerce, business, technology, Societyö (Pearson)

**Reference Books:**

1. Dave Chaffley öE-Business and E-commerce managementö(3<sup>rd</sup> Edition) Pearson.
2. Kalkakofa Whirtoton, öFrontiers of E-Commerceö Pearson.

**MCA19112/PGDCS19112**

**Course Code**

**Course Name** Operation Research

**Credits** 4

**Course Outcomes**

- Model a real-world problem as a mathematical programming model.
- Understand the theoretical workings of the simple method for linear programming and perform iterations of it by hand.
- Understand the relationship between a linear program and its dual, including strong duality.
- Solve specialized linear programming problems like: Transportation and Assignment Problems.
- Solve network models like the shortest path, minimum spanning tree and maximum flow problems.



Units	Contents	Total Hrs
I	Introduction, Classification of Problems in OR, Mathematical Modeling in OR, Dynamic Programming, Investment problem, Equipment Replacement, Stage coach Problem.	9
II	Linear Programming: Introduction, Linear Programming Applications & Model Formulation, Graphical Method, Simplex Method, Big M Method, Two Phase Method, Duality in Linear Programming.	9
III	Transportation & Assignment problem: Introduction, Mathematical Model, Transportation Algorithm, Methods for finding initial solutions, Test for Optimality, Variations in Transportation Problem, Maximization Transportation Problem. Assignment Problem: Introduction, Mathematical Model, Solution Methods of Assignment Problem, Variations of Assignment Problems.	10
IV	Sequencing Problem: Introduction, Two Machine Sequencing Problem,, N-Job Three Machine Sequencing Problem, Integer Programming: Introduction, Implicit Enumeration, Cutting-Plane Algorithm, Branch-and-Bound Techniques.	9
V	Basic Probability Statistical Concepts, Regression Analysis, Decision Theory: Minimax Decision Procedure, Bayes Decision Procedure with & without data, Regret Function versus Loss Function.	9
VI	Introduction to Game Theory: Minimax-Maximin Pure Strategies, Mixed Strategies and Expected Payoff, Solution of 2 x 2 Games, Relevant Rows and Columns, Dominance, Solutions, Brown's Algorithm. Introduction to PERT Network, ET, TE, TL, SE, Critical Path, Probability of Completing Events on Schedule.	10

**Text Books:**

1. B.E. Gillett , Introduction to Operations Research A Computer Oriented Algorithmic Approach TMH Edition
2. J.K. Sharma Operations Research Theory & Applications (5/e) Macmillan

**Reference Books:**

1. Er. Prem Kumar Gupta & Dr. D. S. Hira, Operations Research, S. Chand & Company Pvt Ltd, 1<sup>st</sup> edition
2. V. K. Kapoor, Operations Research, Sultan Chand & Sons, New Delhi.
3. S.S. Rao Optimization Theory & Application, Wiley
4. Tata Hamdy, Operations Research- An Introduction (5/e), PHI.
5. Taha H. A. Operations Research Macmillan.

**Course Code** MCA19112/PGDCS19112

**Course Name** Software Project Management

**Credits** 4

**Course Outcomes**

- 1) Able to recognize evolving role of software project management.
- 2) Understand and estimate cost for software project.
- 3) Identify & analyze aspect in s/w to manage time, process & resources effectively with quality concept.
- 4) Estimate software productivity using metrics and indicator & identify important issues for planning a project
- 5) Judge different testing techniques used to test software.
- 6) Evaluate the role of user and software teams.

Units	Contents	Total Hrs
I	<b>Introduction to Software Project Management:</b> Define Project Management, Significance of Software Project Management, and Issues in Project Management Practices. Stages in Software Project: Request For Proposal (RFP), Feasibility Study, Planning, Project Execution, Project Life Cycles Models. Stakeholders of a Project: Role of Project Manager, and Other Key Members and Parties (stake holders) Involved in Project.	10

II	<b>Project Planning:</b> Steps In Project Plan Development, Project Plan Execution Activities, Human Resource Planning, Staff Acquisition And Team Development, Work Breakdown Structure (WBS). Risk Management: Identification of Risks Risk Management Process: Risk identification, Risk analysis, Risk planning, Risk monitoring, Risk Closure	9
III	<b>Project Scheduling:</b> Time Management, Project Network Diagrams - Critical Path Analysis (CPA), Program Evaluation & Review Techniques (PERT). Project Cost Estimation: Cost Estimation Principles, Types of Estimation Techniques and Metrics - COCOMO, Function Point, Delphi Technique.	9
IV	<b>Software Quality Management &amp; Control Quality Assurance &amp; Standards :</b> The SEI Capability Maturity Model CMM; Concept of Software Quality, Software Quality Attributes, Software Quality Metrics and Indicators, Quality assurance & Validation plan (SQA Activities , reviews, walkthroughs, inspection, testing) Automation to improve Quality in testing Defect Management	9
V	<b>Software testing:</b> Test case design, White box testing, Basis path, control structure-Black box testing and for specialized environments, Strategic approach to S/W testing, Unit testing, integration testing, validation testing, system testing. Debugging with life cycle.	10
VI	<b>Software Team Management:</b> Team Structure & Staff development plan Characteristics of Performance management High performance Directive and collaborative styles Team Communication Group Behavior Managing customer expectations	9

**Text Books:**

1. Bob Hughes and Mike Cotterell, "Software Project Management", Third Edition, Tata McGraw-Hill.
2. McGraw-Hill, Waman S. Javadekar, "Software engineering principles and practice".

**Reference Books:**

1. Pressman Roger.S, "Software Engineering, A Practitioner's Approach", TMH.
2. Pankaj Jalote, "Software Project Management in Practice", Pearson Edn., 2002.
3. Robert K. Wysocki, "Effective software project management", Wiley India edition.

<b>Course Code</b>	<b>MCA19114/PGDCS19114</b>
<b>Course Name</b>	<b>Lab 4 – Based on Data Structures</b>
<b>Credits</b>	<b>01</b>
<b>Course Outcomes</b>	<b>Skill of application of different data structures for solving problems.</b>

Units	Contents	Total Hrs
	<p>The sample list of program is given below. This list can be used as guide line for problem statements but the scope of the laboratory should not be limited to the same. Aim of the list is to inform about minimum expected outcomes.</p> <ol style="list-style-type: none"> <li>1. Write a menu driven program to implement Searching Algorithm               <ol style="list-style-type: none"> <li>i) Linear Search ii) Binary Search</li> </ol> </li> <li>2. Write a menu driven program to implement Sorting Algorithm               <ol style="list-style-type: none"> <li>i) Bubble Sort ii) Selection Sort iii) Insertion Sort</li> </ol> </li> <li>3. Write a menu driven program to perform               <ol style="list-style-type: none"> <li>i) Addition of Matrix ii) Multiplication of Matrix iii) Transpose of Matrix</li> </ol> </li> <li>4. Write a program to implement Linear Linked List (Insertion &amp; Searching operation)</li> <li>5. Write a program to implement Stack (PUSH, POP, DISPLAY Operations)</li> <li>6. Write a program to implement Queue (Insertion, Deletion)</li> <li>7. Write a program to implement Tree Traversal Algorithm (Inorder, Preorder, Postorder)</li> <li>8. Write a program to implement Graph using Adjacency Matrix.</li> </ol>	30

<b>Course Code</b>	<b>MCA19115/PGDCS19115</b>
<b>Course Name</b>	<b>Lab 5 – Based on DBMS</b>
<b>Credits</b>	<b>01</b>
<b>Course Outcomes</b>	<b>Skill of effective use of database management system.</b>

<b>Units</b>	<b>Contents</b>	<b>Total Hrs</b>
I	<p>The following list can be used as guideline for creating problem statements but the scope of the laboratory should not be limited to this list. Aim of the list is to inform about minimum expected outcomes.</p> <ol style="list-style-type: none"> <li>1. Queries for creating new database, new user, granting and revoking privileges.</li> <li>2. Queries demonstrating five important DLL Commands</li> <li>3. Queries demonstrating five important DML Commands</li> <li>4. Select query uses different clauses.</li> <li>5. Create and use triggers.</li> <li>6. Create and use Views.</li> </ol>	30

<b>Course Code</b>	<b>MCA19116/PGDCS19116</b>
<b>Course Name</b>	<b>Lab 6- Based on Linux and Windows</b>
<b>Credits</b>	<b>03</b>

<b>Course Outcomes</b>	<p>Able to understand the Basics of Windows &amp; Linux working</p> <p>Ability to learn the creation of Windows with various components</p> <p>Able to perform the shell scripting programs .</p> <p>Able to create file handling utilities by using Linux shell environment.</p>
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<b>Units</b>	<b>Contents</b>	<b>Total Hrs</b>
I	Windows Programming: WinForms from Scratch, Windows Forms in Visual Studio . NET, Forms: Showing Forms, Dialog function, scroll bars, text in windows, Form Lifetime, Form Size and Location, Form Adornments, Form Transparency, Form Menus, Child Controls, Layout.	10
II	Multiple Document Interface, Visual Inheritance, Dialogs: Standard Dialogs, Styles, Drawing Basics: Drawing to the Screen, Colors, Shapes, Images, Printing : Print Documents, Print Controllers, Basic Print Events, Controls : Standard Controls, Custom Controls, User Controls	10
III	Linux : Startup, user Accounts, linux logging in logging out, Command line, simple commands, file system and related commands, shell, pipes and redirection, sh, tcsh, networking with Linux, file system administration	10

**Reference Books:**

1. Forms Programming in C#, by Chris Sells, Publisher: Addison-Wesley Professional
2. Programming Windows 5e (Microsoft Programming Series) , by Charles Petzold
3. Win32 programming- Bruce Rector, Joseph Newcomer ó Addison Wesley
4. Linux Command Line and Shell Scripting Bible 3rd Edition, by Richard Blum, Christine Bresnahan
5. Linux administration handbook, Evi Nemeth, Garth Snyder, Trout R Hein- PHI
6. Integrating Linux & windows ó Mike McCuve ó Pearson Education
7. Linux system Administration Handbook, Mark F Komarinski, Cary Krotter ó Addison Wesley
8. The Complete Reference Linux, Richard Peterson- Tata McGraw Hill

**PRACTICAL LIST**

The sample list of program is given below. This list can be used as guide line for problem statements but the scope of the laboratory should not be limited to the same. Aim of the list is to inform about minimum expected outcomes.

1. Creating Mainframe Window, show window, update Window, Destroy Window.
2. Creating Dialog Box
3. Use of Message Box
4. Erasing Background, getting Hot key.
5. Use of Horizontal and vertical Scroll bar
6. Use of Button, mouse handling.
7. Working with Images
8. menu creation with different styles
9. Pop up Windows, child window, different styles of windows
10. Control functions
11. File handling



**Linux programming :**

- 1) Study of Unix/Linux general purpose utility command list obtained from (man, who, cat, cd, cp, ps, ls, mv, rm, mkdir, rmdir, echo, more, date, time, kill, history, chmod, chown, finger, pwd, cal, logout, shutdown) commands.
- 2) Study of vi editor. (<http://www.tutorialspoint.com/unix/pdf/unix-vi-editor.pdf>)
- 3) Study of Bash shell, Bourne shell and C shell in Unix/Linux operating system.
- 4) Study of Unix/Linux file system (tree structure).
- 5) Study of .bashrc, /etc/bashrc and Environment variables.

**1. (Shell scripts)**

- I. Write a shell script program to display list of user currently logged in.
- II. Write a shell script program to display `HELLO WORLD`.
- III. Write a shell script program to develop a scientific calculator.
- IV. Write a shell Script program to check whether the given number is even or odd.
- V. Shell script Program to search whether element is present in the list or not.

**2. Shell script programming**

- I. Shell script program to check whether given file is a directory or not.
- II. Shell script program to count number of files in a Directory.
- III. Shell script program to copy contents of one file to another.
- IV. Create directory, write contents on that and Copy to a suitable location in your home directory.
- V. Use a pipeline and command substitution to set the length of a line in file to a variable.
- VI. Write a program using sed command to print duplicated lines of Input.

**3. Shell script programming**

- I. (a) Write a grep/egrep script to find the number of words character, words and lines in a file.  
(b) Write an awk script to develop a Fibonacci series.

**4. Shell script programming**

- I. Write a shell script program to display the process attributes.
- II. Write a shell script to change the priority of processes.
- III. Write a shell script to change the ownership of processes.

**5. Shell script programming**

- I. Write a shell script program to check variable attributes of file and processes.
- II. Write a shell script program to check and list attributes of processes.
- III. Shell Script program to implement read, write, and execute permissions.
- IV. Shell Script program for changing process priority.

**6. programming**

- I. Write a C program to emulate the Unix `ls-l` command
- II. Implement in C the following Unix commands using system calls A) `cat` B) `mv`

**References:**

1. Forms Programming in C#, by Chris Sells, Publisher: Addison-Wesley Professional
2. Programming Windows 5e (Microsoft Programming Series) , by Charle Petzold .
3. Win32 programming- Brout Rector, Joseph Newcomer óAddison Wesley.
4. Linux Command Line and Shell Scripting Bible 3rd Edition, by Richard Blum, Christine Bresnahan.
5. Linux administration handbook, Evi Nemeth, Garth Snyder, Trout R Hein- PHI.
6. Integrating Linux & windows ó Mike McCuve ó Pearson Education.
7. Linux system Administration Handbook, Mark F Komarinski, Cary Collett ó Addison Wesley.
8. The Complete Reference Linux, Richard Peterson- Tata McGraw Hill.

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**M.C.A.**  
**First Year**

**Prospectus No. 1117222**

**संत गाडगे बाबा अमरावती विद्यापीठ**

**SANT GADGE BABA AMRAVATI UNIVERSITY**

**(FACULTY OF ENGINEERING & TECHNOLOGY)**

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**SYLLABUS  
PRESCRIBED FOR  
THREE YEAR POST GRADUATE DEGREE COURSE  
MASTER IN COMPUTER APPLICATIONS  
FIRST YEAR  
SEMESTER : FIRST**

**I MCA I / I CS I COMPUTER ORGANIZATION**

**Unit I**  
Chapter Objectives, Evaluation of Computers and computer generations, Technological trends, Measuring performance, speed up, Amdahl's law, Von Neumann machine architecture, Functional units and components in computer organization, Program development tools, Operating systems.

**Unit II**  
From Electron to Bits, Binary representation of positive integers, Negative integers, Fixed point arithmetic operations on positive and signed (Negative) integers, Floating-Point numbers (IEEE 754 standard) and operations, BCD arithmetic operation, Design of ALU, Bit slice processors.

**Unit III**  
Concept of instruction formats and instruction set, instruction set types, types of operands and operations, Generation of memory addresses and addressing modes, Subroutine nesting using stacks to implement subroutine calls and calling conventions, Processor organizations, Register organization, Stack based organizations, Encoding of machine instructions, General features of RISC and CISC instruction sets, modern processors convergence of RISC with CISC, Processor microarchitecture-I - Fundamental concepts for data path implementation, Processor microarchitecture-II - Data path implementation, microprogrammed execution, recent innovations in execution unit design.

**Unit IV**  
Instruction pipeline, instruction pipeline hazards, overcoming hazards using a pipeline with forwarding paths, instruction set design influence on pipelining, example of pipelined CISC processor, example of pipelined RISC processor, VLIW (Very Long Instruction Word) processors, Vector processors, Multithreaded processors, Compilation techniques support to instruction level parallelism, Extracting parallelism.

**Unit V**  
Some basic concepts, memory hierarchy, internal organization of semiconductor main memory chips - RAM and ROM, semiconductor main memories - RAM, semiconductor Read-Only memories - ROMs, speed, size and cost, secondary storage magnetic ferrite core memories, optical disks CD-ROM

memories, data caches, instruction caches, and unified cache, features describing a cache, cache implementations, multilevel caches.

**Unit VI**  
Virtual memory organization, mapping functions for translating the program pages in virtual to physical addresses space, partitioning, segmentation (superpages or page blocks) partitioning of virtual address space in to segment and page address, demand paging and swapping, cache and virtual swapping, cache and virtual memory, inverted page tables concept, protection between programs running on the same system, accessing I/O devices, programmed I/O, interrupts, direct memory access DMA, bus arbitration, interface circuits, I/O interfaces, I/O processors, external I/O devices.

**Text Book :** Computer Architecture by Micholus Carter & Rajkamal, Schaum Series Pub.

**I MCA 2 / I CS 2 PROBLEM SOLVING USING C++**

**Unit I.**  
Objects & Classes in C++ : Declaring & using classes, Constructors, Objects as functions arguments, Copy Constructor, Static class data. Arrays of objects, C++ String class.

**Unit II.**  
Operator overloading : Overloading unary & binary operators. Data conversion. Pitfalls of operator overloading. Pointers & arrays. Pointers & functions. new & delete operators. Pointers for objects.

**Unit III.**  
Inheritance in C++ : Derived class & base class, Derived class constructors, Function overloading, class hierarchies, Public and private inheritance, Multiple inheritance. Containership : classes within classes.

**Unit IV.**  
Virtual functions concepts, Abstracts classes & pure virtual functions. Virtual base classes, Friend functions, Static functions, Assignment and copy initialization, the this pointer. Dynamic type information.

**Unit V.**  
Streams & Files in C++ : Stream classes, stream errors, disk file I/O with streams, File pointers, Error handling in file I/O. File I/O with members functions, overloading the extractions & insertion operators, Memory as a stream object, command-line arguments. Multifile programs.



## Unit VI:

Function Template, Class templates, Exception syntax, Multiple exceptions, exception with arguments. Introduction to the Standard Template Library. Algorithms, Sequential Containers, Iterates, Specialized iterates, Associative containers. Function objects.

**Text-Book :**

1. Savitch: Problem Solving using C++ (Addison Wesley) Low-Priced Edition.

**References :**

1. Robert Lafore Object-Oriented Programming in C++ (Galgotia)
2. Herbert Schildt C++ : Complete Reference (TMH)
3. Bjarne Stroustrup C++ Programming Language (Addison-Wesley)
4. Venugopal Mastering C++ (TMH)
5. Lipmann C++ Primer (Addison-Wesley)

**IMCA3 / I CS 3 COMPUTER ORIENTED STATISTICAL METHODS**

## UNIT-I:

Introduction

Definitions : Websters, secristis, Gronton and Cowden definitions of statistics  
Importance of statistics

Scope of statistics : Industry, Economy, Planning, medical science, Computer Science etc.

Limitations of statistics.

General principles of classification of data.

Construction of Frequency distribution, cumulative frequency distribution, relative frequency distribution. Graphical representation of frequency distribution.

Diagrammatic representation : Simple bar, subdivided bar, pie diagram.

Numerical Problems.

## UNIT-II :

Measures of central Tendency & Measures of dispersion: Concept of central tendency, criteria for good measures of central tendency.

Arithmetic mean for grouped and ungrouped data, properties of a.m., combined mean, weighted mean, merits and demerits. Median, mode, G.M., H.M. for grouped & ungrouped data with its merits & demerits.

Partition values : quartiles, deciles, percentiles

Numerical problems on central tendency.

Concept of dispersion criteria for good measures of dispersion.

Measures of dispersion : Range, quartile deviation, mean deviation, S.D. for grouped & ungrouped data with its merits & demerits Variance : Definition for grouped & ungrouped data, combined variance, co-efficient of Dispersion, co-efficient of variation. Numerical problems on measures of dispersion.

## UNIT-III :

Moments, measures of Skewness and Kurtosis correlation Raw & Central moments : for grouped & ungrouped data (upto first four moments) & their relationships. Skewness, measures of skewness, co-efficient of skewness, bempirical relation between mean, mode, median. Pearson's & Bowley's co-efficient of Skewness. Kurtosis & types of kurtic curves, co-efficient at Kurtosis based on moments.

Numerical problems on moments, co-efficient of skemmen & co-efficient of Kurtosis.

## Unit-IV

Correlation : Concept of correlation for bivariate data, scatter diagram, positive, negative & no correlation, cause and effect relationship.

Karl pearson's co-efficient of correlation(r), limits at r and interpretation of r, assumption on r.

Effect of change of origin & scale on r, independence of variables.

Spearman's Rank correlation, repeated rank correlation.

Numerical problems on karl pearsons & spearman's rank correlation co-efficient.

## UNIT-V:

Regression :

Concept of regression & linear regression

Derivation of regression lines by method of least squares.

Properties of regression co-efficients.

Linear and Non-linear regression : Fitting of second degree curve & curve  $y=abx$  by least square method.

Numerical problems on linear & non-linear regression.

Multiple regression by yule's notations (for tri-variat data)

Multiple correlation & partial correlation.

## UNIT-VI :

Time series :

Definition of Time series & uses of time series

Components of Time series, Additive & multiplicative models.

Methods of estimating trend by moving average method graphical method, semiavarge method & by least square methods.

Numerical problems on Time Series.

**Text Books:**

J.N. Kapoor : Mathematical Statistics (MCG)  
 Trivedi : Probability and Statistics with Computer Science Applications (TMH)

**References:**

1. Statistical Methods (An Introductory Text) : J. Medhi
2. Modern Elementary Statistics : J.E. Freund
3. Statistical Methods : S.P. Gupta
4. Fundamentals of Statistics : Goon, Gupta, Dasgupta

**IMCA4 / 1 CS 4 PRINCIPLES OF MANAGEMENT****(8 hours/unit)**

**UNIT I**  
 Introduction : Definition and concepts of management, Importance of management. Various management functions & control, responsibilities. Human resources planning, Decision-making, Trade unions & collective bargaining.

**UNIT II**  
 Organization planning, design and development. Production resources, Production planning, types of production system, production systems, production control.

**UNIT III**  
 Product design & development : Introduction, design of the product, New product development, Material planning and control. Inventory control technique.

**UNIT IV**  
 Maintenance and system reliability: Concepts and Objectives of maintenance. Failure analysis, Reliability Maintenance system & Classification. Maintenance planning, TQM ISO 9000 and Quality audit.

**UNIT V**  
 Marketing management : Introduction, marketing planning. Consumer behavior, product management, Pricing & promotion decision. Financial planning. Source of finance.

**UNIT VI**  
 Project Management: Concepts and importance of project, Project implementation, MIS. MIS meaning and objectives. Types of data, methods of data collection, analysis and presentation of data. Editing, reporting and presentation of data, Decision options.

**Textbook:**

A.K. Gupta, J.K. Sharma : Management of Systems (Macmillan)

**References:**

1. Appleby : Modern Business Administration, 6/e (Macmillan)
2. Tripathy & Reddy : Principles of Management, 2/e (TMH)
3. Gupta, Sharma et : Principles of Management (Kalyani)

**IMCA5 / 1 CS 5 COMMUNICATION SKILLS****Unit I:**

Comprehension - word study :-  
 Synonym, antonym, meanings, matching words, adjectives, adverbs, prefix and suffix, correct forms of commonly misspelled words, understanding of the given passage.

Skimming for general ideas, Contextual vocabulary, Error detection, Note making and Location of argument from text, Ability to answer inferential, factual and personal response.

**Unit-II**

Comprehension - - Structure study :-

Simple and compound sentences, types of conjunctions, singular and plural, tenses and their effect on verb forms. Use of - not only - but also, if clause, since, may, can, could, would, too etc. Active and passive forms, negative and interrogative, punctuation and capitalization.

**Unit III**

Theoretical background - importance of communication, its process, model of communication its components & barriers. Types of written communication, organization of a text (Titles, summaries, headings, sequencing, signaling, cueing etc.), Important text factors (length of paragraph, sentences, words, clarification and text difficulty). Evaluation of written communication for its effectivity and subject content.

**Unit IV**

Specific formats for written communication like - business correspondence, formal reports, technical proposals, research papers and articles, advertising and graphics. Format for day-to-day written communication like applications, notices, minutes, quotations, orders, enquiries etc. Letter writing, Preparation of Curriculum – Vitae, Composing messages- telegrams, telex, fax and e-mail Writing memos, agendas and notices of meetings, Preparing advertisements.

**Unit-V**

Oral communications - Important objectives of interpersonal skills, Verbal communication, its significance, face to face communications, group discussion and personal interviews. Voice modulation and logical argument. Comprehension of text at normal reading speed. Listening skill and timely response. Participation and contribution to discussion, Command over language Formal and informal style of communication, Body language.

**Books Recommended:**

- 1) Krishna Mohan, Meera Banerjee : Developing Communication Skills, MacMillan India Limited.

- 2) Chrissie Wright (Editor) : Handbook of Practical Communication Skills, Jaico Publishing House.
- 3) Curriculum Development Centre, TTTI WR, Bhopal : A Course in Technical English, Somaia Publication Pvt. Ltd.
- 4) F. Frank Candlin : General English for Technical Students, University of London Press Ltd.

### 1 MCA 6/1 CS 6 PROBLEM SOLVING USING C++

#### LAB: LIST OF PROGRAMS

The sample list of program is given below. This list can be used as guide line for problem statements but the scope of the laboratory should not be limited to the same. Aim of the list is to inform about minimum expected outcomes.

- 1 Write a C++ program to implement a stack with its constructor and two member functions PUSH and POP
- 2 Write a C++ program to find product of two same numbers from 0 to 9 stored in an object array of 10 objects and then free the memory space occupied by an object array
- 3 Write a C++ program to overload minus operator as an unary and binary operator
- 4 Write a C++ program using friend operator function to overload plus binary operator
- 5 Write a C++ program to calculate the circumference of an earth (subclass) after getting distance of it measured from sun from planet (super class)
- 6 Write a C++ program for an inventory that stores the name of an item, the number on hand, and its cost. Include an inserter and an extractor for this class
- 7 Write a C++ program that creates an output file, writes information to it, closes the file and open it again as an input file and read the information from the file
- 8 Write a C++ program that counts number of words in a file
- 9 Write a C++ program to create an abstract class area having an abstract function get Area which will find an area of derived classes rectangle and triangle
- 10 Write a C++ program to create a generic function that swaps the values of the two variables it is called with"

### 1MCA7/1 CS 7 COMPUTER ORIENTED STATISTICAL METHODS

#### Practicals on Statistical Methods:

Minimum 12 practices to be performed throughout the semester based on following (using C or C++ language).

1. Construction of frequency distribution, graphical methods & diagrammatic representation.
2. Problems on measures of Central Tendency.
3. Problems on measures of dispersion.
4. Problems on moments, measures of Shewmen and K urtosis.
5. Computation of correlation co-efficient for bivariate data.
6. Fitting of linear & non linear regression lines
7. Computation of rank correlation co-efficient
8. Problems on time series.

### 1MCA8/1 CS8 COMMUNICATION SKILLS LABORATORY

#### Objective :

On completion of this laboratory the candidate should be able to demonstrate adequate skills in oral and written communication for technical English language, actively participate in group discussions and interviews and exhibit the evidence of vocabulary building. Candidates should be assessed through continuous monitoring and evaluation.

The sample list of experiments is given below. This list can be used as guideline for problem statements but the scope of the laboratory should not be limited to the same. Aim of the list is to inform about minimum expected outcomes.

1. Assignments and tests for vocabulary building
2. Technical report writing
3. Group discussions
4. Interview techniques
5. Projects and tasks such as class news letter
6. Writing daily diaries and letters
7. Interactive language laboratory experiments.

**Text Book :** Norman Lewis : Word Power Made Easy  
<http://www.teachingenglish.org.uk>

### 1MCA 9/1 CS 9 COMPUTER LABORATORY-1

This laboratory is based on the study of following software

1. The study of Windows/Linux operating systems :  
The topics to be covered include
- 1) The study of basic commands handling files, directories, system configuration and system calls



- 2) Shell programming,
- 3) General purpose utilities & editors
- 4) Seeing/resetting file attributes/ modes, sharing files,
- 5) TCP/IP networking
2. The study of spreadsheets : Creating Worksheets, Formatting cells, conditional formatting of cells and data, Use of functions, Creating Macros, Creating different types of charts. (At least 6 exercises covering above mentioned features) Use MS-Excel or Calc from Open Office Under Linux.
3. The study of DBMS : Creating Database, Tables, Views, Queries, Creating Reports (At least 6 exercises covering above mentioned features)

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### SEMESTER : SECOND

## 2 MCA 1 / 2 CS 1 DATASTRUCTURES & ALGORITHMS

- Unit-I** Data structures basics, Mathematical/algebraic notations & functions, Complexity of algorithms, Subalgorithms. String processing: storing strings, character data type, string operations, word processing, and pattern matching algorithms.
- Unit-II** Linear arrays and their representation in memory, traversing linear arrays, inserting & deleting operations, Bubble sort, Linear search and Binary search algorithms. Multidimensional arrays, Pointer arrays. Record structures and their memory representation. Matrices and sparse matrices.
- Unit-III** Linked lists and their representation in memory, traversing a linked list, searching a linked list. Memory allocation & garbage collection. Insertion deletion operations on linked lists. Header linked lists, Two-way linked lists.
- Unit-IV** Stacks and their array representation. Arithmetic expressions: Polish notation. Quick sort, an application of stacks, Recursion. Tower of Hanoi problem. Implementation of recursive procedures by stacks, Queues. Deques. Priority queues.
- Unit-V** Trees, Binary trees & and their representation in memory, Traversing binary trees. Traversal algorithms using stacks, Header nodes: threads. Binary search trees, searching, inserting and deleting in binary trees. Heap and heapsort. Path length & Huffman's algorithm. General trees.
- Unit-VI** Graph theory, sequential representation of graphs, Warshall's algorithm, Linked representation, operations & traversing the graphs. Posets & Topological sorting, Insertion Sort, Selection Sort, Merging & Merge-sort, Radix sort, Hashing.

### Text Book:

Seymour Lipschutz: "Theory & Problems of Data Structures" (TMH)

### References:

1. Horowitz & Sahni "Data Structures" (Galgotia)
2. Trembley & Sorenson "Data Structures" (TMH)
3. Standish "Data Structures in JAVA" (Pearson)
4. Bhagat Singh & Naps "Data Structures" (TMH)

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## 2 MCA 2 / 2 CS 2 OBJECT ORIENTED PROGRAMMING

- Unit-I** Introduction, Software development, life-cycle approach, Software requirement specifications, Algorithms, VB Net projects, Designing objects, classes & applications, object relationships, Class design examples, class code in VB Net
- Unit-II** VB Net language, CLR, variables, expressions, statements, blocks, structured variables & enumerations. Classes, object orientation & variables, control structures, selection structures, repetitions, Subs, functions & parameters, errors & exception handling, scope.
- Unit-III** Data & object structures, organizing the data, arrays, other data structures, collections, inheritance in VB, code inheritance, interface inheritance, inheriting the data structures, Visual inheritance, polymorphism.
- Unit-IV** Winform applications : Structure of application, Winform basics, user interface code & the form designer, tools for creating a user interface, dialog boxes & the other user interface options, other form styles, control collection, delegates and event handlers, visual inheritance.
- Unit-V** Windows controls, accessing controls, command control, Simple input controls, list controls, manipulating the controls at runtime. Graphics in Winform programs, object modeling : application structure, real worlds object modeling with object relationships, software patterns.
- Unit-VI** Storing application data, computer files, Windows registry, file storage, structured data, Serialization. Databases in Visual Basic. Net Object oriented database systems, Net support for relational database systems, data access in a three tiered system, reading & writing data.

**Text Books:**

Alisstair McMonnies : Object Oriented Programming in Visual Basic.NET, Pearson Education.

**References:**

1. Hamilton J.P. : OOP with Visual Basic .NET, O'Reilly Media Inc.
2. Reynolds-Haertle R.A. : OOP with Visual Basic .NET & Visual C#.NET, Microsoft Press.
3. Michael Halvorsen : Microsoft Visual Basic .NET Step by Step, Microsoft Press.
4. Francesco Balena : Programming Microsoft Visual Basic .NET, Microsoft Press.

**2 MCA3 / 2 CS3 SYSTEM ANALYSIS & DESIGN****UNIT I.**

Introduction : System Analysis & Design concepts. Role of system analyst. Review of System D.L.C. Organization as systems. Levels of management culture. Project fundamentals. Feasibility study. Activity planning & control. Managing analysis & design activities.

**UNIT II.**

Sampling and investigating hard data. Interviewing. Planning & conducting interview & reporting. Joint application design. Using questionnaires. Planning designing and administering the questionnaire.

**UNIT III.**

Coservation of a decision-makers behavior and office environment. Prototyping : User reactions. Approaches to prototyping & developing prototype. Data flow approach to requirements. Developing DFDs. Logical & Physical DFDs. Examples of DFDs.

**UNIT IV.**

Data dictionary concept. Data repository. Creating & using data dictionary. Overview of process specifications. Structured English, Decision tables/trees. Decision support system & decision making concepts relevant to DSS. Semi structured decisions. Multiple-criteria decision-making.

**UNIT V.**

System Proposal : Ascertaining hardware/software needs. Identifying & forecasting cost/benefit & comparing cost/benefit. Writing and presenting the systems proposals. Principles of Delivery.

**UNIT VI.**

Output Design Objectives. Designing printed output, Screen output. Input Design objectives. Form Design. Screen Design for input. Introduction to OOSAD. : Object-Oriented Analysis, Object-Oriented Design.

**Text-book:**

Kenneth E. Kendall & : "System Analysis and Design"  
Julie E. Kendall (Pearson Education) 3/e

**References:**

1. Yeates "System Analysis & Design" (Macmillan)
2. J.Fitzgerald & A.Fitzgerald. "Fundamentals of System Analysis & Design" (John-Wiley) 3/e
3. Edward "System Analysis & Design" (McGraw-Hill)
4. Whitten, Bentley, Barlow "System Analysis & Design Methods" (Galgolia) 2/e.

**2MCA 4 / 2 CS 4 DATA COMMUNICATIONS****Unit-I**

: Data communication concepts, uses and applications. Telephone : Voice communication networks, Switches, PBX cellular technologies, Fax. IVR, Voice Mail.

**Unit-II**

: Hardware; network architecture, Hosts, Clients, Circuits, Special purpose Communication Devices, FEP, Multiplexers, Protocol Converters, Line adapters.

**Unit-III**

: Data transmission : Coding, Transmission modes, Band width, Modulation, Modem : Types and Standards, PAM & PCM techniques, Connector cables.

**Unit-IV**

: OSI model, MAC protocol; Controlled & contention-based, Error control in networks, Data link Protocols : asynchronous & synchronous Transmission efficiency.

**Unit-V**

: Network Layer : Topologies. Network routing, Network Standards and network protocols : TCP/IP, IPX/SPX, X.25 & GOSIP protocols.

**Unit-VI**

: LANs : uses and types, LAN components. Ethernet : topology, MAC, types, Token rings : topology, MAC, types, Other types of LANs, MAP (IEEE 802.4), ArcNet, Apple Talk. LAN performance improvement, selecting a LAN.

**Text Book:**

1. J.Fitzgerald & A.Denis Business Data Communication & Networking, (5/e) (John Wiley & Sons)

**References:**

1. Schweber: Data Communication (McGrawHill)
2. Miller : Digital & Data Communication (Jaico)

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**2 MCA5****BUSINESS SYSTEMS**

## Unit-I

Introduction : Nature of business, objectives, components of business, environment of business system, business system and its sub-systems, forms of legal ownership : sole proprietorship, partnership organisation, company form of organisation. Social responsibilities of business.

## Unit-II

Company Management : Structure of company management, patterns and problems of company management, company meetings & resolutions, company office - its organisation and management. Business combinations, Government & business.

## Unit-III

Production functions : Plant location, factory planning, production control and cost control, Budgets and budgetary control, purchasing and storekeeping.

## Unit-IV

Personnel functions : Personnel management; definition, role of personnel manager, job evaluation, merit rating. Industrial relations, Trade Unionism, employee remunerations, wage payments, incentives & wage policies.

## Unit-V

Financial functions : Financial planning, various sources of finance, institutions of industrial finance. Securities market.

## Unit-VI

Marketing functions : Marketing & its function, transport, selling or distributions of goods, channels of distribution, salesmanship, advertising and promotion.

**Text Book :**

M.C.Shukla : Business Organisation & Management, S. Chand & Company.

**References:**

1. P. Gopalkrishnan : Materials Management, PHI.
2. Reddy & Gulshan : Business Organisation & Management, S. Chand & Company.
3. R.C. Apleby : Modern Business Administration, 6/e, Macmillan.

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**2 MCA 6/2CS6 DATA STRUCTURES &****ALGORITHMS - LABORATORY**

The sample list of program is given below. This list can be used as guideline for problem statements but the scope of the laboratory should not be limited to the same. Aim of the list is to inform about minimum expected out comes. Further, C, C++ or Java may be used as the programming language.

1. Write an application to implement Tower of Hanoi Problem Algorithm.
2. Write an application to implement Abstract data type stack
3. Write an program to evaluate Post fix expression using stack
4. Write a program to implement Abstract data type queue.
5. Write a program to implement singly linked list that performs various operation such as insertion, deletion, searching a node in linear linked list.
6. Write a program to implement Preorder Traversal of a binary tree.
7. Write a Program to search a given element using Binary Search.
8. Write a Program to implement Selection Sort.
9. Write a Program to implement Merge Sort.
10. Write a Program to Perform insertion or search in a specified level of a stack implemented tree-structured symbol table.

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**2 MCA 7 / 2 CS 7 Object Oriented Programming Labs:**

Minimum ten programming assignments should be completed based on above syllabus.

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**2MCA8 / 2 CS 8 SYSTEM ANALYSIS & DESIGN LAB.**

8 to 10 Examples of SAD from text book covering each unit of syllabus, using any available SAD tool, as from one available with text book.

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**2MCA9 COMPUTER LABORATORY-II**

In this lab, the students have to develop a mini project based on any technology they have learnt. They have to properly follow and practice the system development life cycle. They will have to prepare a project report and submit it as a completion of this lab.

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**APPENDIX-A**  
**THREE YEAR POST GRADUATE DEGREE COURSE IN MASTER IN COMPUTER APPLICATION**  
**SEMESTER PATTERN**  
**CREDIT GRADE SYSTEM**  
**FIRST YEAR SEMESTER-I**

Sr.No. Subject Code	Teaching Scheme							Examination Scheme						
	Hours/Week				Theory			Practical						
	Lecture	Tutorial	P/D	Total	Credits	Duration of Paper (Hr.)	Max. Marks Theory Paper	Max. Marks College Assessment	Min. Passing Marks	External	Max. Marks Internal	Total	Min. Passing Marks	
	Hours/Week			Hours/Week										
1 IMCA1	Computer Organization	4	0	0	4	4	3	80	20	100	40	-	-	-
2 IMCA2	Problem Solving Using C++	4	0	0	4	4	3	80	20	100	40	-	-	-
3 IMCA3	Computer Oriented Statistical Methods	4	0	0	4	4	3	80	20	100	40	-	-	-
4 IMCA4	Principles of Management	4	0	0	4	4	3	80	20	100	40	-	-	-
5 IMCA5	Communication Skills	4	0	0	4	4	3	80	20	100	40	-	-	-
6 IMCA6	Problem Solving Using C++-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50
7 IMCA7	Computer Oriented Statistical Methods-Lab	0	0	2	2	1	-	-	-	-	-	25	25	50
8 IMCA8	Communication Skills-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50
9 IMCA9	Computer Lab-I	0	0	4	4	2	-	-	-	-	-	50	50	50
TOTAL		20	0	10	30	25				500			250	
TOTAL : 750														

## APPENDIX-A

**THREE YEAR POST GRADUATE DEGREE COURSE IN MASTER IN COMPUTER APPLICATION  
SEMESTER PATTERN  
CREDIT GRADE SYSTEM  
FIRST YEAR SEMESTER-II**

Sr.No.	Subject Code	Teaching Scheme					Examination Scheme									
		Hours/Week				Credits	Theory			Practical						
		Lecture	Tutorial	P/D	Total Hours/Week		Duration of Paper (Hr)	Max. Marks Theory Paper	Max. Marks College Assessment	Min. Passing Marks	External	Max. Marks Internal	Total	Min. Passing Marks		
1	2MCA1	Data Structure & Algorithms	4	0	0	4	4	3	80	20	100	40	-	-	-	-
2	2MCA2	Object Oriented Programming	4	0	0	4	4	3	80	20	100	40	-	-	-	-
3	2MCA3	System Analysis & Design	4	0	0	4	4	3	80	20	100	40	-	-	-	-
4	2MCA4	Data Communication	4	0	0	4	4	3	80	20	100	40	-	-	-	-
5	2MCA5	Business Systems	4	0	0	4	4	3	80	20	100	40	-	-	-	-
6	2MCA6	Data Structure & Algorithms-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50	25
7	2MCA7	Object Oriented Programming-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50	25
8	2MCA8	System Analysis & Design-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50	25
9	2MCA9	Computer Lab-II	0	0	4	4	2	-	-	-	-	-	50	50	100	50
TOTAL			20	0	10	30	25				500				250	
TOTAL : 750																

**APPENDIX-A**  
**THREE-YEAR POST GRADUATE DEGREE COURSE IN MASTER IN COMPUTER APPLICATION**  
**SEMESTER PATTERN**  
**CREDIT GRADE SYSTEM**  
**SECOND YEAR SEMESTER-I**

Sl.No.	Subject Code	Teaching Scheme				Examination Scheme										
		Hours/Week				Theory			Practical							
		Lecture	Tutorial	P/D	Total Hours/Week	Credits	Duration of Paper (Hr.)	Max. Marks Theory Paper	Max. Marks College Assessment	Total Marks	Min. Passing Marks	External Marks	Internal Marks	Total Marks	Min. Passing Marks	
1	3MCA1	Operating Systems	4	0	0	4	4	3	80	20	100	40	-	-	-	-
2	3MCA2	File Structure & Data Processing	4	0	0	4	4	3	80	20	100	40	-	-	-	-
3	3MCA3	Java Programming	4	0	0	4	4	3	80	20	100	40	-	-	-	-
4	3MCA4	Computer Networks	4	0	0	4	4	3	80	20	100	40	-	-	-	-
5	3MCA5	Computer Oriented Optimization Techniques	4	0	0	4	4	3	80	20	100	40	-	-	-	-
6	3MCA6	File Structure & Data Processing-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50	25
7	3MCA7	Java Programming-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50	25
8	3MCA8	Computer Oriented Optimization Techniques-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50	25
9	3MCA9	Computer Lab-III	0	0	4	4	2	-	-	-	-	-	50	50	100	50
TOTAL		20	0	10	30	25					500				250	
TOTAL : 750																



**APPENDIX-A**  
**THREE YEAR POST GRADUATE DEGREE COURSE IN MASTER IN COMPUTER APPLICATION**  
**SEMESTER PATTERN**  
**CREDIT GRADE SYSTEM**  
**SECOND YEAR SEMESTER-II**

Sr.No.	Subject Code	Teaching Scheme					Examination Scheme								
		Hours/Week				Theory			Practical						
		Lecture	Tutorial	P/D	Total	Credits	Duration of Paper (Hr)	Max. Marks Theory Paper	Max. Marks College Assessment	Total	Min. Passing Marks	Max. Marks External	Max. Marks Internal	Total	Min. Passing Marks
1	4MCA1	Database Management Systems	4	0	0	4	4	3	80	20	100	40	-	-	-
2	4MCA2	Client Server Computing	4	0	0	4	4	3	80	20	100	40	-	-	-
3	4MCA3	Multimedia Technologies	4	0	0	4	4	3	80	20	100	40	-	-	-
4	4MCA4	Electronic Commerce	4	0	0	4	4	3	80	20	100	40	-	-	-
5	4MCA5	Elective-I	4	0	0	4	4	3	80	20	100	40	-	-	-
6	4MCA6	Database Management Systems-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50
7	4MCA7	Client Server Computing-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50
8	4MCA8	Multimedia Technologies-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50
9	4MCA9	Electronic Commerce-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50
10	4MCA10	Seminar	2	0	0	2	1	-	-	-	-	-	--	50	50
TOTAL		22	0	8	30	25					500			250	
TOTAL : 750															

Elective-I : 1) Computer Graphics 2) Modelling & Simulation

**APPENDIX-A**  
**THREE YEAR POST GRADUATE DEGREE COURSE IN MASTER IN COMPUTER APPLICATION**  
**SEMESTER PATTERN**  
**CREDIT GRADE SYSTEM**  
**THIRD YEAR SEMESTER-I**

Sr.No. Subject Code	Teaching Scheme					Examination Scheme								
	Hours/Week				Theory			Practical						
	Lecture	Tutorial	P/D	Total Hours/Week	Credits	Duration of Paper (Hr)	Max. Marks Theory Paper	Max. Marks College Assessment	Total	Min. Passing Marks	External	Internal	Total	Min. Passing Marks
1 5MCA1	Artificial Intelligence	4	0	0	4	4	3	80	20	100	40	-	-	-
2 5MCA2	Software Project Management	4	0	0	4	4	3	80	20	100	40	-	-	-
3 5MCA3	System Administration & Security	4	0	0	4	4	3	80	20	100	40	-	-	-
4 5MCA4	Management Information System	4	0	0	4	4	3	80	20	100	40	-	-	-
5 5MCA5	Elective-II	4	0	0	4	4	3	80	20	100	40	-	-	-
6 5MCA6	Artificial Intelligence-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50
7 5MCA7	Software Project Management-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50
8 5MCA8	System Administration & Security-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50
9 5MCA9	Mini Project	0	0	4	4	2	-	-	-	-	-	25	25	50
TOTAL		20	0	10	30	25				500			250	
TOTAL : 750														

Elective-II : 1) Data Warehousing 2) Bioinformatics

**APPENDIX-A**  
**THREE-YEAR POST GRADUATE DEGREE COURSE IN MASTER IN COMPUTER APPLICATION**  
**SEMESTER PATTERN**  
**CREDIT GRADE SYSTEM**  
**THIRD YEAR SEMESTER-II**

Sl.No.	Subject Code	Teaching Scheme				Examination Scheme									
		Hours/Week			Credits	Theory			Practical						
		Lecture	Tutorial	P/D		Total	Duration of Paper (Hr.)	Max. Marks	Max. Marks	Total	Min. Passing Marks	Max. Marks	Internal	Total	Min. Passing Marks
1	6MCA1	PROJECT & DISSERTATION			FULL TIME	25	--	--	--	--	--	150	100	250	150
TOTAL : 250															



**DIRECTION**

No. 33/2010

Date : 24/6/2010

**Subject : Examinations leading to the Degree of Master in Computer Application (Three Year Course .... Bi-Annual Pattern .... Credit Grade System)**

Whereas the schemes of teaching & examinations of Master in Computer Application course has been accepted by the Academic Council vide Item No. 49 (j) in its meeting held on 28-05-2010 as per the Credit Grade System for its implementation from the Academic Session 2010-2011,

AND

Whereas admissions to the First Year of Master in Computer Application course are to be made in the Academic Session 2010-2011,

AND

Whereas the matter for admission of the students at the examinations is required to be regulated by an Ordinance,

AND

Whereas the schemes of teaching & examinations of I and II Semesters of Master in Computer Application course are to be implemented from the academic session 2010-2011,

AND

Whereas the schemes of teaching & examinations are required to be regulated by the Regulation,

AND

Whereas the process of making an Ordinance and the Regulation is likely to take some time,

AND

Whereas syllabus for I and II Semesters of Master in Computer Application course is to be sent for printing.

Now, therefore, I, Dr.Ku.Kamal Singh, Vice-Chancellor of Sant Gadge Baba Amravati University in exercise of powers confirmed upon me under sub section (8) of Section 14 of the Maharashtra Universities Act, 1994, hereby direct as under :

1. This Direction may be called "Examinations leading to the Degree of Master in Computer Application (Three Year Course .... Bi-Annual Pattern .... Credit Grade System) Direction, 2010.
2. This Direction shall come into force w.e.f. the session :-
  - i) 2010-2011 for First Year,
  - ii) 2011-2012 for Second Year, and
  - iii) 2012-2013 for Third Year

3. Subject to their compliance with the provisions of this Direction and other ordinances in force from time to time, the following person shall be eligible for admission to MCA.

- (a) Graduate in any Discipline with minimum 50% marks and Math upto 10+2 level (5% Relaxation for B.C.)
- (b) A person passing a PGDCS Exam. of Sant Gadge Baba Amravati University, satisfying the condition given in "a" above are eligible to take admission directly at second year of MCA (subject to condition of availability of seats, in total intake capacity) subject to condition that he will pass the subject heads of 1st MCA not covered at PGDCS level.
4.
  - (i) Duration of the course shall be three academic years.
  - (ii) Courses of First year MCA, Second year MCA and Third year MCA are divided into two parts every year i.e. part-I and part-II and the University shall held Examination in Winter and in Summer every year for both the Part-I & II.
  - (iii) The main Examination of Part-I shall be held in Winter & the Main Examination of Part-II shall be held in Summer every year. The Supplementary examination for Part-I shall be held in Summer and the Supplementary Examination for Part-II shall be held in Winter every year.
5. For purposes of instruction and examination the student shall study sequentially.
6. The period of academic session/term shall be such as may be notified by the University.
7. The Examinations shall be held at such places and on such dates as may be notified by the University.
8. Subject to his/her compliance with the provisions of this Direction and of other Ordinances (Pertaining to Examinations in General) in force from time to time, the applicant for admission, at the end of the course of study of a particular term shall be eligible to appear at it, if,
  - i) He/She satisfied the condition in the table and the provision thereunder.
  - ii) He/She was prosecuted a regular course of study in the University/College affiliated to the University.
  - iii) He/She has in the opinion of the Head of the Department/Principal shown satisfactory progress in his/her studies.

Name of Exam	The student should have passed the examination of	The student should have completed the session / term satisfactorily
1.	2.	3.
First Year MCA Part-I	The qualifying Examination mentioned in para-3	First Yr. MCA Part-I
First Year MCA Part-II		First Yr. MCA Part-I & II
Second Year MCA Part-I		Second Year MCA Part-I
Second Year MCA Part-II		Second Year MCA Part I & II
Third Year MCA Part - I	Shall have cleared Ist of MCA & qualified for admission to Third Year	Third year MCA Part-I
Third Year MCA Part - II	as per para-4	Third Year MCA Part-I & II

9. The schemes of teaching & examinations shall be as provided under “Appendix-A” appended with this Direction.
10. i) The scope of the subject is as indicated in the syllabus.  
ii) The medium of instruction and examination shall be English.
11. The fees for each M.C.A. Examinations (Theory & Practical) shall be as prescribed by University from time to time.
12. The computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) of an examinee shall be as given below :-

The marks will be given in all examinations which will include college assessment marks and the total marks for each Theory / Practical shall be converted into Grades as per Table II.

SGPA shall be calculated based on Grade Points corresponding to Grade as given in Table II and the Credits allotted to respective Theory / Practical shown in the scheme for respective semester. SGPA shall be computed for First Year (Part I & II), Second Year (Part I & II) and Third Year (Part I & II) and CGPA shall be computed in Third Year (Part II) based on SGPA's of First Year (Part I & II), Second Year (Part I & II) and Third Year (Part I & II). :-

$$SGPA = \frac{C_1 \times G_1 + C_2 \times G_2 + \dots + C_n \times G_n}{C_1 + C_2 + \dots + C_n}$$

Where  $C_1$  = Credit of individual Theory / Practical

$G_1$  = Corresponding Grade Point obtained in the respective Theory / Practical

$$CGPA = \frac{(SGPA)_{First\ Year\ Part-I} \times (Cr)_{First\ Year\ Part-I} + \dots + (SGPA)_{Third\ Year\ Part-II} \times (Cr)_{Third\ Year\ Part-II}}{(Cr)_{First\ Year\ Part-I} + \dots + (Cr)_{Third\ Year\ Part-II}}$$

$$(Cr)_{First\ Year\ Part-I} + \dots + (Cr)_{Third\ Year\ Part-II}$$

Where (SGPA)

$\frac{First\ Year\ Part-I\ to\ Third\ Year\ Part-II}{First\ Year\ Part-I\ to\ Third\ Year\ Part-II}$

= SGPA of First Year Part-I to Third Year Part-II

(Cr)

$\frac{First\ Year\ Part-I\ to\ Third\ Year\ Part-II}{First\ Year\ Part-I\ to\ Third\ Year\ Part-II}$

= Total Credits for First Year Part-I to Third Year Part-II

CGPA equal to 6.00 and above shall be considered as equivalent to First Class which shall be mentioned on Grade Card of Third Year Part-II as a foot note. **TABLE II**

### THEORY

Grade	Percentage of Marks	Grade Points
AA	80 ≤ Marks ≤ 100	10
AB	70 ≤ Marks < 80	9
BB	60 ≤ Marks < 70	8
BC	55 ≤ Marks < 60	7
CC	50 ≤ Marks < 55	6
CD	45 ≤ Marks < 50	5
DD	40 ≤ Marks < 45	4
FF	00 ≤ Marks < 40	0
ZZ	Absent in Examination	—

### PRACTICAL

Grade	Percentage of Marks	Grade Points
AA	85 ≤ Marks ≤ 100	10
AB	80 ≤ Marks < 85	9
BB	75 ≤ Marks < 80	8
BC	70 ≤ Marks < 75	7
CC	65 ≤ Marks < 70	6
CD	60 ≤ Marks < 65	5
DD	50 ≤ Marks < 60	4
FF	00 ≤ Marks < 50	0
ZZ	Absent in Examination	—

13. Provisions of Ordinance No.18 of 2001 in respect of an Ordinance to provide grace marks for passing in a Head of passing and improvement of Division (Higher Class) and getting distinction in the subject and condonation of deficiency of marks in a subject in all the faculties prescribed by the Statute No.18, Ordinance, 2001 shall apply to each examination under this Direction.
14. An examinee who does not pass or who fails to present himself/herself for the examination shall be eligible for readmission to the same examination, on payment of fresh fees and such other fees as may be prescribed.
15. As soon as possible after the examination, the Board of Examinations shall publish a result of the examinees. The result of final MCA Examination shall be classified as above and meritlist shall be notified as per Ordinance No.6.
16. Notwithstanding anything to the contrary in this Direction, no person shall be admitted to an examination under this Direction, if he/she has already passed the same examination or an equivalent examination of any statutory University.
17.
  - i) The examinees who have passed in all the subjects prescribed for all the examinations shall be eligible for award of the Degree of Master in Computer Application.
  - ii) An examinee successful at the examination shall on payment of prescribed fees receive a degree in prescribed form signed by the Vice-Chancellor.

Sd/-

Dr. Kamal Singh  
Vice-Chancellor

\*\*\*\*\*



**SANT GADGE BABAMIRAVATI UNIVERSITY.**

**SPECIAL NOTE FOR INFORMATION OF THE STUDENTS**

- (1) Notwithstanding anything to the contrary, it is notified for general information and guidance of all concerned that a person, who has passed the qualifying examination and is eligible for admission only to the corresponding next higher examination as an ex-student or an external candidate, shall be examined in accordance with the syllabus of such next higher examination in force at the time of such examination in such subjects papers or combination of papers in which students from University Departments or Colleges are to be examined by the University.

- (2) Be it known to all the students desirous to take examinations for which this prospectus has been prescribed should, if found necessary for any other information regarding examinations etc., refer the University Ordinances Booklet the various conditions/provisions pertaining to examination as prescribed in the following Ordinances.

Ordinance No. 1	:	Enrolment of Students.
Ordinance No. 2	:	Admission of Students
Ordinance No. 4	:	National cadet corps
Ordinance No. 6	:	Examinations in General (relevant extracts)
Ordinance No. 18/2001	:	An Ordinance to provide grace marks for passing in a Head of passing and Improvement of Division (Higher Class) and getting Distinction in the subject and condonation of deficiency of marks in a subject in all the faculties prescribed by the Statute, No.18, Ordinance, 2001.
Ordinance No. 9	:	Conduct of Examinations (relevant extracts)
Ordinance No. 10	:	Providing for Exemptions and Compartments
Ordinance No. 19	:	Admission of Candidates to Degrees.

Ordinance No. 109

Ordinance No. 6/2008

Ordinance No. 19/2001

Recording of a change of name of a University student in the records of the University.

For improvement of Division/Grade.

An Ordinance for Central Assessment Programme, Scheme of Evaluation and Moderation of answerbooks and preparation of results of the examinations, conducted by the University, Ordinance 2001.

**Dineshkumar Joshi**

Registrar

Sant Gadge Baba

Amravati University.

**Post Graduate Diploma  
in Computer Science**

**Prospectus No.111724**

**संत गाडगे बाबा अमरावती विद्यापीठ**

**SANT GADGE BABA AMRAVATI UNIVERSITY**

**PUBLISHED BY**  
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**SYLLABUS  
PRESCRIBED FOR  
ONE YEAR POST GRADUATE DIPLOMA IN  
COMPUTER SCIENCE  
SEMESTER: FIRST**

**I CS 1/1 MCA 1 COMPUTER ORGANIZATION**

Unit I	Chapter Objectives, Evaluation of Computers and computer generations, Technological trends, Measuring performance, speed up, Amdahl's law, Von Neumann machine architecture, Functional units and components in computer organization, Program development tools, Operating systems.
Unit II	From Electron to Bits, Binary representation of positive integers, Negative integers, Fixed point arithmetic operations on positive and signed (Negative) integers, Floating-Point numbers (IEEE 754 standard) and operations, BCD arithmetic operation, Design of ALU, Bit slice processors.
Unit III	Concept of instruction formats and instruction set, instruction set types, types of operands and operations, Generation of memory addresses and addressing modes, Subroutine nesting using stacks to implement subroutine calls and calling conventions, Processor organizations, Register organization, Stack based organizations, Encoding of machine instructions, General features of RISC and CISC instruction sets, modern processors convergence of RISC with CISC, Processor microarchitecture-I - Fundamental concepts for data path implementation, Processor microarchitecture-II - Data path implementation, microprogrammed execution, recent innovations in execution unit design.
Unit IV	Instruction pipeline, instruction pipeline hazards, overcoming hazards using a pipeline with forwarding paths, instruction set design influence on pipelining, example of pipelined CISC processor, example of pipelined RISC processor, VLIW (Very Long Instruction Word) processors, Vector processors, Multithreaded processors, Compilation techniques support to instruction level parallelism, Extracting parallelism.
Unit V	Some basic concepts, memory hierarchy, internal organization of semiconductor main memory chips - RAM and ROM, semiconductor main memories - RAM, semiconductor Read - Only memories - ROMs, speed, size and cost, secondary storage magnetic ferrite core memories, optical disks CD-ROM memories, data caches, instruction caches, and unified cache, features describing a cache, cache implementations, multilevel caches.

Unit VI	Virtual memory organization, mapping functions for translating the program pages in virtual to physical addresses space, partitioning, segmentation (superpages or page blocks) partitioning of virtual address space in to segment and page address, demand paging and swapping, cache and virtual swapping, cache and virtual memory, inverted page tables concept, protection between programs running on the same system, accessing I/O devices, programmed I/O, interrupts, direct memory access DMA, bus arbitration, interface circuits, I/O interfaces, I/O processors, external I/O devices.
Text Book : <b>Computer Architecture by Micholus Carter &amp; Rajkamal, Schaum Series Pub.</b>	
<b>I CS 2/1 MCA 2 PROBLEM SOLVING USING C++</b>	
Unit I.	Objects & Classes in C++ : Declaring & using classes, Constructors, Objects as functions arguments, Copy Constructor, Static class data. Arrays of objects, C++ String class.
Unit II.	Operator overloading : Overloading unary & binary operators. Data conversion. Pitfalls of operator overloading. Pointers & arrays. Pointers & functions. new & delete operators. Pointers for objects.
Unit III.	Inheritance in C++ : Derived class & base class, Derived class constructors, Function overloading, class hierarchies, Public and private inheritance, Multiple inheritance. Containership : classes within classes.
Unit IV.	Virtual functions concepts, Abstracts classes & pure virtual functions. Virtual base classes, Friend functions, Static functions, Assignment and copy initialization, the this pointer. Dynamic type information.
Unit V.	Streams & Files in C++ : Stream classes, stream errors, disk file I/O with streams, File pointers, Error handling in file I/O. File I/O with members functions, overloading the extractions & insertion operators. Memory as a stream object, command-line arguments. Multifile programs.
Unit VI.	Function Template, Class templates, Exception syntax, Multiple exceptions, exception with arguments. Introduction to the Standard Template Library. Algorithms, Sequential Containers, Iterates, Specialized iterates, Associative containers. Function objects.



**Text-Book :**

1. Savitch: Problem Solving using C++ (Addison Wesley) Low-Priced Edition.

**References :**

1. Robert Lafore Object-Oriented Programming in C++ (Galgolia)
2. Herbert Schildt C++ : Complete Reference (TMH)
3. Bjarne Stroustrup C++ Programming Language (Addison-Wesley)
4. Venugopal Mastering C++ (TMH)
5. Lipmann C++ Primer (Addison-Wesley)

## 1 CS 3 /MCA3 COMPUTER ORIENTED STATISTICAL METHODS

**UNIT-I :**

Introduction  
Definitions : Webster's, secrist's, Grouton and Cowden definitions of statistics  
Importance of statistics

Scope of statistics : Industry, Economy, Planning, medical science, Computer Science etc.

Limitations of statistics.

General principles of classification of data.

Construction of Frequency distribution, cumulative frequency distribution, relative frequency distribution. Graphical representation of frequency distribution.

Diagrammatic representation : Simple bar, subdivided bar, pie diagram.

Numerical Problems.

**UNIT-II :**

Measures of central Tendency & Measures of dispersion:  
Concept of central tendency, criteria for good measures of central tendency.

Arithmetic mean for grouped and ungrouped data, properties of a.m., combined mean, weighted mean, merits and demerits. Median, mode, G.M., H.M. for grouped & ungrouped data with its merits & demerits.

Partition values : quartiles, deciles, percentiles

Numerical problems on central tendency.

Concept of dispersion criteria for good measures of dispersion.

Measures of dispersion : Range, quartile deviation, mean deviation, S.D. for grouped & ungrouped data with its merits & demerits Variance : Definition for grouped & ungrouped

data, combined variance, co-efficient of Dispersion, co-efficient of variation. Numerical problems on measures of dispersion.

**UNIT-III :**

Moments, measures of Skewness and Kurtosis correlation  
Raw & Central moments : for grouped & ungrouped data (upto first four moments) & their relationships. Skewness, measures of skewness, co-efficient of skewness, bempirical relation between mean, mode, median. Pearson's & Bowley's co-efficient of Skewness. Kurtosis & types of kurtic curves, co-efficient at Kurtosis based on moments.

Numerical problems on moments, co-efficient of skemmen & co-efficient of Kurtosis.

Correlation : Concept of correlation for bivariate data, scatter diagram, positive, negative & no correlation, cause and effect relationship.

Karl pearson's co-efficient of correlation(r), limits at r and interpretation of r, assumption on r.

Effect of change of origin & scale on r, independence of variables.

Spearman's Rank correlation, repeated rank correlation.

Numerical problems on karl pearsons & spearman's rank correlation co-efficient.

**UNIT-V :**

Regression :

Concept of regression & linear regression

Derivation of regression lines by method of least squares.

Properties of regression co-efficients.

Linear and Non-linear regression : Fitting of second degree curve & curve  $y=abx$  by least square method.

Numerical problems on linear & non-linear regression.

Multiple regression by yule's notations (for tri-variat data)

Multiple correlation & partial correlation.

**UNIT-VI :**

Time series :

Definition of Time series & uses of time series

Components of Time series, Additive & multiplicative models.

Methods of estimating trend by moving average method graphical method, semiavarage method & by least square methods.

Numerical problems on Time Series.

**Text Books:**

J.N. Kapoor : Mathematical Statistics (MCG)

Trivedi : Probability and Statistics with Computer Science Applications (TMH)

**References:**

1. Statistical Methods (An Introductory Text) : J. Medhi
2. Modern Elementary Statistics : J.E. Freund
3. Statistical Methods : S.P. Gupta
4. Fundamentals of Statistics : Goon, Gupta, Dasgupta

**1 CS 4/1MCA4 PRINCIPLES OF MANAGEMENT**

**(8 hours/unit)**

- UNIT I** Introduction : Definition and concepts of management, Importance of management . Various management functions & control, responsibilities. Human resources planning , Decision-making, Trade unions & collective bargaining.
- UNIT II** Organization planning, design and development: Production resources, Production planning, types of production system, production systems, production control.
- UNIT III** Product design & development : Introduction, design of the product, New product development; Material planning and control. Inventory control technique .
- UNIT IV** Maintenance and system reliability: Concepts and Objectives of maintenance. Failure analysis, Reliability Maintenance system & Classification. Maintenance planning, TQM ISO 9000 and Quality audit.
- UNIT V** Marketing management : Introduction, marketing planning. Consumer behavior, product management, Pricing & promotion decision. Financial planning. Source of finance.
- UNIT VI** Project Management: Concepts and importance of project, Project implementation, MIS. MIS meaning and objectives. Types of data, methods of data collection, analysis and presentation of data. Editing, reporting and presentation of data, Decision options.

**Textbook:**

A.K. Gupta, J.K. Sharma : Management of Systems (Macmillan)

**References :**

1. Appleby : Modern Business Administration, 6/e (Macmillan)
2. Tripathy & Reddy : Principals of Management, 2/e (TMH)
3. Gupta, Sharma et : Principals of Practices of Management (Kalyani)

**1 CS 5/1MCA5 COMMUNICATION SKILLS**

**Unit I:**

Comprehension - word study :-

Synonym, antonym, meanings, matching words, adjectives, adverbs, prefix and suffix, correct forms of commonly misspelled words, understanding of the given passage.

Skimming for general ideas, Contextual vocabulary, Error detection, Note making and Location of argument from text, Ability to answer inferential, factual and personal response.

**Unit-II**

Comprehension - - Structure study :-

Simple and compound sentences, types of conjunctions, singular and plural, tenses and their effect on verb forms. Use of - not only - but also, if clause, since, may, can, could, would, too etc. Active and passive forms, negative and interrogative, punctuation and capitalization.

**Unit III**

Theoretical background - importance of communication, its process, model of communication its components & barriers. Types of written communication, organization of a text (Titles, summaries, headings, sequencing, signaling, cueing etc.), Important text factors (length of paragraph, sentences, words, clarification and text difficulty). Evaluation of written communication for its effectivity and subject content.

**Unit IV**

Specific formats for written communication like - business correspondence, formal reports, technical proposals, research papers and articles, advertising and graphics. Format for day-to-day written communication like applications, notices, minutes, quotations, orders, enquiries etc. Letter writing, Preparation of Curriculum – Vitae, Composing messages- telegrams, telex, fax and e-mail Writing memos, agendas and notices of meetings, Preparing advertisements.

**Unit-V**

Oral communications - Important objectives of interpersonal skills, Verbal communication, its significance, face to face communications, group discussion and personal interviews. Voice modulation and logical argument, Comprehension of text at normal reading speed. Listening skill and timely response, Participation and contribution to discussion, Command over language Formal and informal style of communication, Body language.

**Unit-VI**

Non-verbal communication, types of graphics and pictorial devices. Meaning and purpose of meetings, seminars, symposia, conference and workshop. Methodology of conduction of meetings, seminars, symposia, conference and workshop. Brochure preparation for seminars, symposia, conference and workshop. Preparation of minutes of meeting.

**Books Recommended :**

- 1) Krishna Mohan, Meera Banerjee : Developing Communication Skills, MacMillan India Limited.
- 2) Chrissie Wright (Editor) : Handbook of Practical Communication Skills, Jaico Publishing House.
- 3) Curriculum Development Centre, TTTI WR, Bhopal : A Course in Technical English, Somaia Publication Pvt. Ltd.
- 4) F.Frank Candlin : General English for Technical Students, University of London Press Ltd.

**1 CS 6/1MCA6 PROBLEMSOLVINGUSINGC++****LAB: LIST OF PROGRAMS**

The sample list of program is given below. This list can be used as guide line for problem statements but the scope of the laboratory should not be limited to the same. Aim of the list is to inform about minimum expected outcomes.

- 1 Write a C++ program to implement a stack with its constructor and two member functions PUSH and POP
- 2 Write a C++ program to find product of two same numbers from 0 to 9 stored in an object array of 10 objects and then free the memory space occupied by an object array
- 3 Write a C++ program to overload minus operator as an unary and binary operator
- 4 Write a C++ program using friend operator function to overload plus binary operator
- 5 Write a C++ program to calculate the circumference of an earth (subclass) after getting distance of it measured from sun from planet (super class)
- 6 Write a C++ program for an inventory that stores the name of an item, the number on hand, and its cost. Include an inserter and an extractor for this class
- 7 Write a C++ program that creates an output file, writes information to it, closes the file and open it again as an input file and read the information from the file
- 8 Write a C++ program that counts number of words in a file
- 9 Write a C++ program to create an abstract class area having an abstract function get Area which will find an area of derived classes rectangle and triangle
- 10 Write a C++ program to create a generic function that swaps the values of the two variables it is called with"

**1 CS 7/ 1MCA7 COMPUTER ORIENTED STATISTICAL METHODS- LAB.**

Minimum 12 practices to be performed throughout the semester based on following (using C or C++ language).

1. Construction of frequency distribution, graphical methods & diagrammatic representation.
2. Problems on measures of Central Tendency.
3. Problems on measures of dispersion.
4. Problems on moments, measures of Shewmen and Kurtosis.
5. Computation of correlation co-efficient for bivariate data.
6. Fitting of linear & non linear regression lines
7. Computation of rank correlation co-efficient
8. Problems on time series .

**1 CS 8/1MCA 8 COMMUNICATION SKILLS LABORATORY****Objective :**

On completion of this laboratory the candidate should be able to demonstrate adequate skills in oral and written communication for technical English language, actively participate in group discussions and interviews and exhibit the evidence of vocabulary building. Candidates should be assessed through continuous monitoring and evaluation.

The sample list of experiments is given below. This list can be used as guideline for problem statements but the scope of the laboratory should not be limited to the same. Aim of the list is to inform about minimum expected outcomes.

1. Assignments and tests for vocabulary building
2. Technical report writing
3. Group discussions
4. Interview techniques
5. Projects and tasks such as class news letter
6. Writing daily diaries and letters
7. Interactive language laboratory experiments.

**Text Book :** Norman Lewis : Word Power Made Easy

<http://www.teachingenglish.org.uk>

**1 CS 9/1MCA 9 COMPUTER LABORATORY-I**

This laboratory is based on the study of following software

1. The study of Windows/Linux operating systems :
  - 1) The topics to be covered include
  - 1) The study of basic commands handling files, directories, system configuration and system calls
  - 2) Shell programming,



- 3) General purpose utilities & editors
- 4) Seeing/resetting file attributes/ modes, sharing files,
- 5) TCP/IP networking
2. The study of spreadsheets : Creating Worksheets, Formatting cells, conditional formatting of cells and data, Use of functions, Creating Macros, Creating different types of charts. (At least 6 exercises covering above mentioned features) Use MS-Excel or Calc from Open Office Under Linux.
3. The study of DBMS : Creating Database, Tables, Views, Queries, Creating Reports (At least 6 exercises covering above mentioned features)

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### SEMESTER : SECOND

## 2 MCA 1 / 2 CS 1 DATA STRUCTURES & ALGORITHMS

- Unit-I** Data structures basics, Mathematical/algebraic notations & functions, Complexity of algorithms, Subalgorithms. String processing: storing strings, character data type, string operations, word processing, and pattern matching algorithms.
- Unit-II** Linear arrays and their representation in memory, traversing linear arrays, inserting & deleting operations, Bubble sort, Linear search and Binary search algorithms. Multidimensional arrays, Pointer arrays. Record structures and their memory representation. Matrices and sparse matrices.
- Unit-III** Linked lists and their representation in memory, traversing a linked list, searching a linked list. Memory allocation & garbage collection. Insertion deletion operations on linked lists. Header linked lists, Two-way linked lists.
- Unit-IV** Stacks and their array representation. Arithmetic expressions: Polish notation. Quick sort, an application of recursive procedures by stacks, Queues. Deques. Priority queues.
- Unit-V** Trees, Binary trees & and their representation in memory, Traversing binary trees. Traversal algorithms using stacks, Header nodes: threads. Binary search trees, searching, inserting and deleting in binary trees. Heap and heap sort. Path length & Huffman's algorithm. General trees.
- Unit-VI** Graph theory, sequential representation of graphs, Warshall's algorithm, Linked representation, operations & traversing the graphs. Posets & Topological sorting. Insertion Sort, Selection Sort. Merging & Merge-sort, Radix sort, Hashing.

### Text Book:

Seymour Lipschutz: "Theory & Problems of Data Structures" (TMH)

### References:

1. Horowitz & Sahni "Data Structures" (Galgolia)
2. Trembley & Sorenson "Data Structures" (TMH)
3. Standish "Data Structures in JAVA" (Pearson)
4. Bhagat Singh & Naps "Data Structures" (TMH)

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## 2 CS22 / MCA 2 OBJECT ORIENTED PROGRAMMING

- Unit-I :** Introduction, Software development, life-cycle approach, Software requirement specifications, Algorithms, VB.Net projects, Designing Objects, classes & applications, Object relationships, Class design examples, Class code in VB.Net.
- Unit-II:** VB.Net language, CLR, Variables, expressions, Statements, blocks, structured variables & Enumerations. Classes, Object-orientation & Variables, Control Structures, Selection Structures, Repetitions, Subs, functions & Parameters, Errors & Exception handling, Scope.
- Unit-III:** Data & Object Structures, organizing the Data, Arrays, Other data Structures, Collections, Inheritance in VB, Code inheritance, Interface Inheritance, Inheriting the data structures, Visual inheritance, Polymorphism.
- Unit-IV:** Winform applications: Structure of application, Winform basics, user interface code & the form designer, Tools for creating a user interface, dialog boxes & the other user-interface options, Other form styles, control collection, delegates and event handlers, Visual inheritance.
- Unit-V:** Windows controls, Accessing controls, Command controls, Simple input controls, List controls, manipulating the controls at runtime, Graphics in Winform Programs. Object modeling: application structure, real-worlds object modeling with object relationships, software patterns.
- Unit-VI:** Storing application data, Computer files, Windows registry, File storage, structured data, Serialization. Databases in Visual Basic.Net Object-oriented database systems, .Net support for relational database systems, data access in a three-tiered system, reading & writing data.

### Text Book :

Alisstair McMonnies "Object-Oriented Programming in Visual Basic.NET" (Pearson Education)

**References :**

1. Hamilton J.P. : ‘‘OOP with Visual Basic.NET’’ (O'Reilly Media Inc.)
2. Reynolds-Haertle R.A. : ‘‘OOP with Visual Basic.NET & Visual C#.NET’’ (Microsoft Press)
3. Michael Halvorson : ‘‘Microsoft visual Basic.NET Step By Step’’ (Microsoft Press)
4. Francesco Balena : ‘‘Programming Microsoft Visual Basic.NET’’ (Microsoft Press)

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**2 CS3/2MCA3 SYSTEM ANALYSIS & DESIGN****UNIT I.**

Introduction : System Analysis & Design concepts. Role of system analyst. Review of System D.L.C. Organization as systems. Levels of management culture. Project fundamentals. Feasibility study. Activity planning & control. Managing analysis & design activities.

**UNIT II.**

Sampling and investigating hard data. Interviewing. Planning & conducting interview & reporting. Joint application design. Using questionnaires. Planning designing and administering the questionnaire.

**UNIT III.**

Coservation of a decision-makers behavior and office environment. Prototyping : User reactions. Approaches to prototyping & developing prototype. Data flow approach to requirements. Developing DFDs. Logical & Physical DFDs. Examples of DFDs.

**UNIT IV.**

Data dictionary concept. Data repository. Creating & using data dictionary. Overview of process specifications. Structured English, Decision tables/trees. Decision support system & decision making concepts relevant to DSS. Semi structured decisions. Multiple-criteria decision-making.

**UNIT V.**

System Proposal : Ascertaining hardware/software needs. Identifying & forecasting cost/benefit & comparing cost/benefit. Writing and presenting the systems proposals. Principles of Delivery.

**UNIT VI.**

Output Design Objectives: Designing printed output, Screen output. Input Design objectives: Form Design. Screen Design for input. Introduction to OOSAD. : Object-Oriented Analysis. Object-Oriented Design.

**Text-book :**

Kenneth E.Kendall & : ‘‘System Analysis and Design’’ Julie E.Kendall (Pearson Education) 3/e

**References :**

1. Yeates ‘‘System Analysis & Design’’ (Macmillan)
2. J.Fitzgerald & A.Fitzgerald. ‘‘Fundamentals of System Analysis & Design’’ (John-Wiley) 3/e
3. Edward ‘‘System Analysis & Design’’ (McGraw-Hill)
4. Whitten, Bentley, Barlow ‘‘System Analysis & Design Methods’’ (Galgotta) 2/e.

**2 CS4/2MCA 4 DATA COMMUNICATION****Unit-I :**

Data communication concepts, uses and applications. Telephone : Voice communication networks, Switches, PBX cellular technologies, Fax, IVR, Voice Mail.

**Unit-II :**

Hardware, network architecture, Hosts, Clients, Circuits, Special purpose Communication Devices, FEP, Multiplexers, Protocol Converters, Line adapters.

**Unit-III:**

Data transmission : Coding, Transmission modes, Band width, Modulation, Modem : Types and Standards, PAM & PCM techniques, Connector cables.

**Unit-IV:**

OSI model, MAC protocol; Controlled & contention-based, Error control in networks, Data link Protocols : asynchronous & synchronous Transmission efficiency.

**Unit-V :**

Network Layer : Topologies. Network routing, Network Standards and network protocols : TCP/IP, IPX/SPX, X.25 & GOSIP protocols.

**Unit-VI:**

LANs : uses and types, LAN components. Ethernet : topology, MAC, types, Token rings : topology, MAC, types, Other types of LANs, MAP (IEEE 802.4), ArcNet, Apple Talk, LAN performance improvement, selecting a LAN.

**Text Book :**

1. J.Fitzgerald & A.Denis Business Data Communication & Networking, (5/e) (John Wiley & Sons)

**References:**

1. Schweber: Data Communication (McGrawHill)
2. Miller : Digital & Data Communication (Jaico)

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**2CS5****Unit-I :**

Database definitions. Various types, Relational Database, Oracle & its recent versions, ORDBMS characteristics. Oracle Architecture, Memory, Process, Physical and Logical Structures in Oracle.

**BUSINESS COMPUTING**

- Unit-II : Various Database Objects : Table space, Schema, Table, Views, Sequence, Clusters, Snapshots, Data access SQL Commands, Oracles' Procedural Extension, Oracle Queries.
- Unit-III : Various Functions In SQL : Oracle Conversion, Date, Numeric, and Character Functions, Single and Multiple row Functions, Complex queries, Outer Joins.
- Unit-IV : Tables & table-related commands, Privileges, Storage for tables, commands for modifying, Renaming, dropping, altering the table, commands for modifying the table data.
- Unit-V : PL/SQL : Syntax overview, block structure, Variables, Program flow, Procedures, Functions, triggers, cursors, Packages, in PL/SQL, Error handling in PL/SQL.
- Unit-VI : Database Constraints : basics, Creating & modifying constraints, Keys and other constraints, Oracle users, different types of privileges, Roles, Profiles.

#### Books :

1. Lave Singh et al Oracle Developers' Guide (Techmedia)
2. Oracle Press Introduction to Oracle (TMH)
3. Oracle Unleashed (Sams)

### 2CS6/2MCA6 DATASTRUCTURES & ALGORITHMS LABORATORY

The sample list of program is given below. This list can be used as guideline for problem statements but the scope of the laboratory should not be limited to the same. Aim of the list is to inform about minimum expected outcomes.

Further, C, C++ or Java may be used as the programming language.

1. Write an application to implement Tower of Hanoi Problem Algorithm.
2. Write an application to implement Abstract data type stack
3. Write an program to evaluate Post fix expression using stack
4. Write a program to implement Abstract data type queue.
5. Write a program to implement singly linked list that performs various operation such as insertion, deletion, searching a node in linear linked list.
6. Write a program to implement Preorder Traversal of a binary tree.
7. Write a Program to search a given element using Binary Search.
8. Write a Program to implement Selection Sort.
9. Write a Program to implement Merge Sort.
10. Write a Program to Perform insertion or search in a specified level of a stack implemented tree- structured symbol table.

### 2 CS 7 / 2MCA7 OBJECT ORIENTED PROGRAMMING- LAB.

#### Practical :-

Minimum ten programming assignments should be completed based on the above syllabus.

### 2 CS 8/2MCA 8 SYSTEM ANALYSIS & DESIGN LAB.

8 to 10 Examples of SAD from text book covering each unit of syllabus, using any available SAD tool, as from one available with text book.

### 2CS 9 BUSINESS COMPUTING LABORATORY

Based on above syllabus : Minimum Twelve Lab. Assignments

### 2 CS 10 PROJECT

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**DIRECTION**

No.28/2010

Date : 24 /6/2010

**Subject : Examination leading to the Post-Graduate Diploma in Computer Science (One Year Course .... Credit Grade System)**

Whereas the schemes of teaching & examinations of Post-Graduate Diploma in Computer Science course has been accepted by the Academic Council vide Item No. 49 (J) in its meeting held on 28-05-2010 as per the Credit Grade System for its implementation from the Academic Session 2010-2011,

AND

Whereas admissions to the I Semester of Post-Graduate Diploma in Computer Science course are to be made in the Academic Session 2010-2011,

AND

Whereas the matter for admission of the students at the examinations is required to be regulated by an Ordinance,

AND

Whereas the schemes of teaching & examinations of I and II Semesters of Post-Graduate Diploma in Computer Science course are to be implemented from the academic session 2010-2011,

AND

Whereas the schemes of teaching & examinations are required to be regulated by the Regulation,

AND

Whereas the process of making an Ordinance and the Regulation is likely to take some time,

AND

Whereas syllabus for I and II Semesters of Post-Graduate Diploma in Computer Science course is to be sent for printing.

Now, therefore, I, Dr.Ku Kamal Singh, Vice-Chancellor of Sant Gadge Baba Amravati University in exercise of powers confirmed upon me under sub section (8) of Section 14 of the Maharashtra Universities Act, 1994, hereby direct as under :

1. This Direction may be called "Examination leading to the Post-Graduate Diploma in Computer Science (One Year Course .... Credit Grade System) Direction, 2010.
2. This Direction shall come into force w.e.f. its issuance.
3. Following shall be the Examinations leading to the Post - Graduate Diploma in Computer Science namely:

- (i) Post Graduate Diploma in Computer Science, Part-I Examination, and
- (ii) Post Graduate Diploma in Computer Science, Part-II Examination.
4. Duration of each of the above Parts shall be one Term with an examinations at the end of each Term.
5. (i) The examinations specified in paragraph 3 above shall be held twice a year at such places and on such dates as may be appointed by the University.
- (ii) Main Examination of Part-I shall be held in Winter and Supplementary Examination in Summer.
- (iii) Main Examination of Part-II shall be held in Summer and Supplementary Examination in Winter.
6. Subject to his/her compliance with the provisions of this Direction and other Ordinances in force time to time following candidates are eligible for admission to the Post-Graduate Diploma (One Year) in Computer Science :-  
Graduates of the University or of any statutory University equivalent thereto, in any faculty with 50% marks (45% for B.C. Candidates at the degree level) and offering Mathematics and Statistics at the H.S.S.C. XII th standard of equivalent Examination.
7. For purposes of instruction and examinations the students shall study sequentially.
8. Subject to his/her compliance with the provisions of this Direction and other Ordinances (Pertaining to examination in General) in force from time to time, the applicant for admission to examination at the end of the course of study of a particular part shall be eligible to appear at it, if:  
(i) He/She satisfied the condition in the table and the Provision there under :-

**TABLE I**

Sr. No.	Name of examination	The student should have completed the term satisfactorily
1	2	3
1.	P.G Diploma in Computer Science Part I	Part I
2.	P.G Diploma in Computer Science Part II	Part - II

(Note - Subjects prescribed and numbered in the scheme of Examination shall be treated as separate subjects, however, the theory and practical, if any, of the subject shall be treated as separate Head of Passing.)

- (ii) He/She has complied with provisions of Ordinance pertaining to Examination in general.
  - (iii) He/She has prosecuted a regular course of study in University Department/College affiliated to the University.
  - (iv) He/She has in the opinion of the Head of the Department/Principal, shown satisfactory progress in his/her studies.
9. Papers and the Practicals in which an examinee is to be examined, maximum marks for these and the minimum pass mark which an examinee must obtain in order to pass in the subject and the examination are detailed in the Examination Scheme.
10. Examination fees for each part of the examination and also the practical examination shall be as prescribed by the University for time to time.
11. The computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) of an examinee shall be as given below :-

The marks will be given in all examinations which will include college assessment marks and the total marks for each Theory / Practical shall be converted into Grades as per Table II.

SGPA shall be calculated based on Grade Points corresponding to Grade as given in Table II and the Credits allotted to respective Theory / Practical shown in the scheme for respective semester.

SGPA shall be computed for every semester and CGPA shall be computed only in VIII semester. The CGPA of VIII semester shall be calculated based on SGPA of VII and SGPA of VIII semester as per following computation :-

$$SGPA = \frac{C_1 \times G_1 + C_2 \times G_2 + \dots + C_n \times G_n}{C_1 + C_2 + \dots + C_n}$$

Where  $C_1$  = Credit of individual Theory / Practical  
 $G_1$  = Corresponding Grade Point obtained in the respective

Theory / Practical

$$CGPA = \frac{(SGPA)_I \times (Cr)_I + (SGPA)_{II} \times (Cr)_{II}}{(Cr)_I + (Cr)_{II}}$$

Where  $(SGPA)_I$  = SGPA of I Semester  
 $(Cr)_I$  = Total Credits for I Semester  
 $(SGPA)_{II}$  = SGPA of II Semester  
 $(Cr)_{II}$  = Total Credits for II Semester

CGPA equal to 6.00 and above shall be considered as equivalent to First Class which shall be mentioned on Grade Card of II Semester as a foot note.

**TABLE II**  
**THEORY**

Grade	Percentage of Marks	Grade Points
AA	80 ≤ Marks ≤ 100	10
AB	70 ≤ Marks < 80	9
BB	60 ≤ Marks < 70	8
BC	55 ≤ Marks < 60	7
CC	50 ≤ Marks < 55	6
CD	45 ≤ Marks < 50	5
DD	40 ≤ Marks < 45	4
FF	00 ≤ Marks < 40	0
ZZ	Absent in Examination	—

**PRACTICAL**

Grade	Percentage of Marks	Grade Points
AA	85 ≤ Marks ≤ 100	10
AB	80 ≤ Marks < 85	9
BB	75 ≤ Marks < 80	8
BC	70 ≤ Marks < 75	7
CC	65 ≤ Marks < 70	6
CD	60 ≤ Marks < 65	5
DD	50 ≤ Marks < 60	4
FF	00 ≤ Marks < 50	0
ZZ	Absent in Examination	—

12. Scope of the subjects shall be as indicated in the syllabus.
  - (ii) Medium of instruction and examination shall be English.
13. Provisions of Ordinance No. 18 of 2001 in respect of an Ordinance to provide grace marks for passing in a Head of passing and improvement of Division (Higher Class) and getting distinction in the subject and condonation of deficiency of marks in a subject in all the faculties prescribed by the Statute No. 18, Ordinance, 2001 shall apply to each examination under this Direction.

14. An examinee who does not pass or who fails to present himself/herself for the examination shall be eligible for readmission to the same examination on payment of fresh fees and such other fees as may be prescribed.
15. As soon as possible after the examination, the Board of Examinations shall publish a result of the examinees. The result of the examinations shall be classified as above and merit list shall be notified as per Ordinance No. 6
16. Notwithstanding anything to the contrary in this Direction no one shall be admitted to an examination under this Direction, if he/she has already passed the same examination or an equivalent examination of any Statutory University.
17. Examinees who have passed in all the subject prescribed for Part-I and Part-II of the examination of the Diploma course shall be eligible for award of the Post-Graduate Diploma in Computer Science (One Year).

Sd/-

Dr. Kamal Singh  
Vice-Chancellor

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**APPENDIX-A**  
**ONE YEAR POST GRADUATE DIPLOMA COURSE IN COMPUTER SCIENCE**  
**SEMESTER PATTERN**  
**CREDIT GRADE SYSTEM**  
**SEMESTER-I**

Sr.No.	Subject Code	Teaching Scheme					Examination Scheme									
		Hours/Week			Theory		Practical									
		Lecture	Tutorial	P/D	Total Hours/Week	Credits	Duration of Paper (Hr.)	Max. Marks Theory Paper	Max. Marks College Assessment	Total Marks	Min. Passing Marks	External	Max. Marks Internal	Total	Min. Passing Marks	
1	ICS1/IMCA1	Computer Organization	4	0	0	4	4	3	80	20	100	40	-	-	-	-
2	ICS2/IMCA2	Problem Solving Using C++	4	0	0	4	4	3	80	20	100	40	-	-	-	-
3	ICS3/IMCA3	Computer Oriented Statistical Methods	4	0	0	4	4	3	80	20	100	40	-	-	-	-
4	ICS4/IMCA4	Principles of Management	4	0	0	4	4	3	80	20	100	40	-	-	-	-
5	ICS5/IMCA5	Communication Skills	4	0	0	4	4	3	80	20	100	40	-	-	-	-
6	ICS6/IMCA6	Problem Solving Using C++-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50	25
7	ICS7/IMCA7	Computer Oriented Statistical Methods-Lab	0	0	2	2	1	-	-	-	-	-	25	25	50	25
8	ICS8/IMCA8	Communication Skills-Lab.	0	0	2	2	1	-	-	-	-	-	25	25	50	25
9	ICS8/IMCA9	Computer Lab-I	0	0	4	4	2	-	-	-	-	-	50	50	100	50
TOTAL		20	0	10	30	25					500				250	
TOTAL : 750																



## SEMESTER-III

**TOTAL : 800**

NOTIFICATION

No. 65/2020

Date :- 23/9/2020

**Subject :- Continuation of Prospectus No.20181121 of M.A.(Translation Hindi)**

It is notified for information of all concerned that the Prospectus No.20181121 prescribed for M.A.(Translation Hindi) Examination of Winter-2018 & Summer-2019 which was implemented from the academic session 2018-2019 shall be continued for M.A.(Translation Hindi) Examination of Winter-2020 & Summer-2021 with following corrections.

Sr.No. Reference in Prospectus No.	Corrections / Deletion / Additions Substitutions.
1. 20181121 M.A.(Translation Hindi)	The Syllabus prescribed for M.A.(Translation Hindi) the corrections/deletion/ substitutions be made in Semester-III & Semester-IV as per the <b>Appendix-A</b> appended herewith

**Sd/-**  
Registrar  
Sant Gadge Baba Amravati University.

**Appendix-A**

**एम.ए.भाग-२ प्रश्नपत्र १ ते ४ मध्ये बदल करण्याबाबत.. (अभ्यासक्रमिका क्र.२०१८११२१)**

- १) पेज क्र.११ वरील ओळ क्र.४ वरील ब) रामचंद्र शुक्ल वगळण्यात येवून त्याऐवजी डॉ.भोलानाथ तिवारी वाचण्यात यावे. ई) मैथिलीशरण गुप्त ऐवजी गोस्वामी तुलसीदास वाचण्यात यावे. ४) इकाई समोर अ) करण्यात यावे. ४) इकाई मध्ये ब) अनुवाद संबंधी विचार- एडवर्ड फिट्जजेरॉल्ड, डॉ.राजेन्द्र प्रसाद, महादेवी वर्मा असे वाचण्यात यावे.  
प्रश्न -१ चतुर्थ सत्र इकाई-३ मध्ये ई) भोलानाथ तिवारी ऐवजी मैथिलीशरण गुप्त व आ. रामचंद्र शुक्ल असे वाचण्यात यावे.

- २) पेज क्र.१२ वरील ओळ क्र.४ मध्ये अनुवाद की समस्याए एवं समाधान करण्यात यावे. अंक विभाजन मध्ये दीर्घोत्तरी प्रश्नासमोर  $2 \times 16 = 32$  ऐवजी  $3 \times 16 = 48$  असे वाचण्यात यावे. २) अनुवाद व्यवहार  $2 \times 8 = 16$  ही ओळ वगळण्यात यावी. सूचना मध्ये क्र.१) वरील दो ऐवजी तीन करण्यात यावे. करना या शब्दासमोर -होगा जिसमें क्षेत्रों के उदा.डालना - या शब्दाचा समावेश करण्यात यावा.

प्रश्नपत्र — २ , चतुर्थ सत्र मध्ये अनुवाद की समस्याए एवं समाधान करण्यात यावे. १) दीर्घोत्तरी प्रश्ना समोर  $2 \times 16 = 32$  ऐवजी  $3 \times 16 = 48$  असे वाचण्यात यावे. २) अनुवाद व्यवहार  $2 \times 8 = 16$  ही ओळ वगळण्यात यावी. सूचना मध्ये क्र.१) वरील दो ऐवजी तीन करण्यात यावे. करना या शब्दासमोर -होगा जिसमें क्षेत्रों के उदा.डालना- या शब्दाचा समावेश करण्यात यावा.

- ३) पेज क्र.१६ वरील एम.ए.भाग-२ (अनुवाद हिंदी) प्रश्नपत्र — ४ तृतीय सत्र अनुवाद परियोजना / विनिबंध एवं मौखिकी वगळण्यात येवून त्या ऐवजी खालीलप्रमाणे दिलेला बदल वाचण्यात यावा.

**एम.ए.भाग-२ (अनुवाद हिंदी)**  
**प्रश्नपत्र-४ तृतीय सत्र**  
**अनुवाद प्रायोगिक / व्यावहारिक कार्य**

इकाई १.	अंग्रेजी से हिंदी अनुवाद व्यवहार
इकाई २	हिंदी से अंग्रेजी अनुवाद व्यवहार
इकाई ३	मराठी से हिंदी अनुवाद व्यवहार
इकाई ४	हिंदी से मराठी अनुवाद व्यवहार
इकाई ५	वस्तुनिष्ठ प्रश्न : सामान्य हिंदी - सामान्य अंग्रेजी से प्रश्न पूछे जायेंगे

निम्नलिखित क्षेत्रों में से उपर्युक्त चार इकाईयों के लिए पेपर में अनुवाद के अवतरण लेना अनिवार्य होगा  
क्षेत्र १. साहित्यिक अनुवाद २. साहित्येतर अनुवाद.

१. साहित्यिक — कथा, कहानी, नाटक, निबंध, कविता, उपन्यास, रेखाचित्र, संस्मरण, यात्रावृत्तांत, समीक्षा, संक्षिप्त अनुवाद (सारानुवाद- मराठी से हिंदी)
२. साहित्येतर — कार्यालयीन प्रशासनिक (पत्र), तकनीकी, इतिहास, समाज-विज्ञान, गणित विज्ञान, राजनीतिशास्त्र, दर्शनशास्त्र, पर्यावरण, शिक्षा, वाणिज्य (बैंक, बीमा, अर्थशास्त्र), सर्जनात्मक साहित्य, जनसंचार माध्यम (दृश्य- श्रव्य माध्यमों में लेखन, मीडिया लेखन, पटकथा लेखन)

अंक विभाजन —

इकाई १- अवतरण	2 x 16	= 32
इकाई २- अवतरण	2 x 8	= 16
इकाई ३- अवतरण	1 x 8	= 08
इकाई ४- अवतरण	1 x 8	= 08
इकाई ५- अवतरण	1 x 16	= 16

80

आंतरिक मूल्यांकन — प्रायोगिक कार्य

- १) निबंध - अंग्रेजी और हिंदी — १०
- २) अवतरण — हिंदी से मराठी — १०

कुल अंक — १००

सूचना —

- अ) १) इकाई एक से कुल तीन अवतरण पूछे जायेंगे, जिनमें से दो हल करना अनिवार्य होगा. इस इकाई के अवतरण के लिए ३०० शब्दों का अवतरण होना अनिवार्य है.
  - २) इकाई दो से कुल तीन अवतरण पूछे जायेंगे, जिनमें से दो हल करना अनिवार्य होगा इस इकाई के अवतरण के लिए १०० शब्दों का अवतरण होना अनिवार्य है
  - ३) इकाई तीन से कुल दो अवतरण पूछे जायेंगे, जिनमें से एक हल करना अनिवार्य होगा इस इकाई के अवतरण के लिए ५० शब्दों का अवतरण होना अनिवार्य है
  - ४) इकाई चार से कुल दो अवतरण पूछे जायेंगे, जिनमें से एक हल करना अनिवार्य होगा. इस इकाई के अवतरण के लिए ५० शब्दों का अवतरण होना अनिवार्य है
  - ५) इकाई पाँच से कुल सोलह वस्तुनिष्ठ प्रश्न पूछे जायेंगे, जिसमें सामान्य अंग्रेजी- सामान्य हिंदी से वस्तुनिष्ठ प्रश्न पूछे जायेंगे
  - ब) छात्रों को एम.ए.(अनुवाद हिंदी) भाग-२, प्रश्नपत्र — ४ के लिए परीक्षा भवन में कोश ग्रंथो (Dictionary) के उपयोग की छूट होगी
- ४) पेज नं. १७ मध्ये एम.ए.भाग-२ (अनुवाद हिंदी) प्रश्नपत्र — ४ चतुर्थ सत्र अनुवाद परियोजन / विनिबंध एवं मौखिकी नंतर प्रश्न २० अंक पर्यंतचा भाग वगळण्यात येवून त्या ऐवजी खालीलप्रमाणे दिलेला बदल वाचण्यात यावा.

**एम.ए.भाग-२ (अनुवाद हिंदी)**

**प्रश्नपत्र — ४**

**चतुर्थ सत्र**

**अनुवाद परियोजना / विनिबंध एवं मौखिकी**

- १) अनुवाद परियोजना विश्वविद्यालय द्वारा निर्दिष्ट शिक्षक की देखदेख में ८० अंक
  - क) किसी प्रयुक्ति विशेष के कम से कम ३० पृष्ठ (एक पृष्ठ में ३०० शब्द होना अनिवार्य है) सामग्री का अंग्रेजी से हिंदी में अनुवाद ६० अंक
  - ख) आधुनिक भारतीय भाषा (इस विश्वविद्यालय में मराठी भाषा) की १० पृष्ठ (एक पृष्ठ में ३०० शब्द होना अनिवार्य है) सामग्री का मराठी से हिंदी में अनुवाद २० अंक

अथवा

विनिबंध पुनरानुवाद / दोष-विश्लेषण / तुलनात्मक मूल्यांकन / पुनरीक्षण (Vetting) आदि किसी एक का विस्तृत विश्लेषण

- २) मौखिकी- अनुवाद सिद्धांत, पारिभाषिक शब्दावली, अनुवाद के क्षेत्र में सामाजिक-सांस्कृतिक परिवेश संबंधी भाषागत समस्याएं आदि पर प्रश्न — २० अंक

सूचना —

१. प्रश्नपत्र-४ के अंतर्गत अनुवाद परियोजना के लिए ८० अंक और मौखिकी के लिए २० अंक होंगे
२. अनुवाद परियोजना कार्य के लिए मार्गदर्शक हिंदी विभाग के स्वीकृत प्राध्यापक होंगे
३. इस प्रश्नपत्र के लिए एक मार्गदर्शक के अंतर्गत कुल पाँच से अधिक विद्यार्थी नहीं होने चाहिए .
४. छात्रों को १५ मार्च तक अनुवाद परियोजना कार्य विभाग में जमा करना अनिवार्य है . अनुवाद परियोजना कार्य लगभग अंग्रेजी से हिंदी अनुवाद ३० पृष्ठ और मराठी से हिंदी अनुवाद १० पृष्ठ होना अनिवार्य है .
५. किसी एक बाह्य परीक्षक से पाँच से अधिक अनुवाद परियोजना का परीक्षण न किया जाएँ
६. अनुवाद परियोजना के परीक्षण और मौखिकी के लिए बाह्य परीक्षक की सूची विश्वविद्यालय से भेजी जाएगी
७. अनुवाद परियोजना संबंधित सभी अधिकार विश्वविद्यालय के अधिन ही रहेंगे .

५) सूचना —

- अ) १) इकाई एक से कुल तीन अवतरण पूछे जायेंगे , जिनमें से दो हल करना अनिवार्य होगा . इस इकाई के अवतरण के लिए ३०० शब्दों का अवतरण होना अनिवार्य है .
- २) इकाई दो से कुल तीन अवतरण पूछे जायेंगे , जिनमें से दो हल करना अनिवार्य होगा इस इकाई के अवतरण के लिए १०० शब्दों का अवतरण होना अनिवार्य है
- ३) इकाई तीन से कुल दो अवतरण पूछे जायेंगे , जिनमें से एक हल करना अनिवार्य होगा इस इकाई के अवतरण के लिए ५० शब्दों का अवतरण होना अनिवार्य है
- ४) इकाई चार से कुल दो अवतरण पूछे जायेंगे , जिनमें से एक हल करना अनिवार्य होगा . इस इकाई के अवतरण के लिए ५० शब्दों का अवतरण होना अनिवार्य है
- ५) इकाई पाँच से कुल सोलह वस्तुनिष्ठ प्रश्न पूछे जायेंगे, जिनमें दिये गये सभी प्रश्नों को हल करना अनिवार्य होगा
- ब) छात्रों को एम.ए.(अनुवाद हिंदी) भाग-२ , प्रश्नपत्र — ४ के लिए परीक्षा भवन में कोश ग्रंथो (Dictionary) के उपयोग की छूट होगी

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## **Sant Gadge Baba Amravati University, Amravati**

### **REVISED SYLLABUS FOR ONE YEAR BLISc WITH SEMESTER PATTERN**

- 1. Title of course:** Bachelor of Library and Information Science (B.L.I.Sc.)
- 2. Duration of the Course:** One year (Two Semesters)
- 3. Objectives of the Course:** Bachelor of Library and Information Science (B.L.I.Sc.) of one year duration with semester pattern has following objectives:-
  - a) To give the students an understanding of the basic principles and fundamental laws of librarianship.
  - b) To enable the students to understand and appreciate the function and purposes of LICs in the changing social, cultural, technological and economic environment.
  - c) To train the students in organization and the management of LICs including advance computer application to house-keeping activities of the libraries.
  - d) To develop thorough knowledge of various sources of information, their organization and the necessary skills to provide traditional and modern library services.
  - e) To develop the knowledge, skills and attitudes of the students leading to professional qualification for practicing librarianship as a career.
- 4. Eligibility:** The course shall be open to graduates of the Sant Gadge Baba Amravati University or any other Indian University recognized by it.
- 5. External Students:** This course is not open to external students. **Only full time regular students are eligible for this course.**

## 6. Structure of the Course:

### Semester – I

Paper No./Code	Title of the Paper	Marks		Total Marks
		External	Internal	
BL-101	Foundation of Library and Information Science	80	20	100
BL-102	Library Organization	80	20	100
BL-103	Library Classification and Library Cataloguing	80	20	100
BL-104	Basic Computer Application in LIS	80	20	100
BL-105	Reference Sources and Services	80	20	100
BL-106	Library Skills and Communication	80	20	100
BL-107	Library Classification: Practical	80	20	100
BL-108	Library Cataloguing: Practical	80	20	100
BL-109	Basic Computer Application in LIS: Practical	80	20	100
BL-110	Reference Services and Information Sources: Viva-Voce			050
BL-111	Library Project & Library Visit			050
Total Marks				1000

### Semester – II

Paper No./Code	Title of the Paper	Marks		Total Marks
		External	Internal	
BL-201	Librarianship as a Profession	80	20	100
BL-202	Library Management	80	20	100
BL-203	Knowledge Organization and Document Description	80	20	100
BL-204	Advance Computer Application in LIS	80	20	100
BL-205	Information Sources, Products and Services	80	20	100
BL-206	Personality Development and Career Planning	80	20	100
BL-207	Knowledge Organization: Practical	80	20	100
BL-208	Document Description: Practical	80	20	100
BL-209	Advance Computer Application in LIS: Practical	80	20	100
BL-210	Information Services and Products: Practical			50
BL-211	Internship + Study Tour Report			50
Total Marks				1000
Grand Total (Sem-I + Sem-II)				1000

a) **Medium of Instruction:** English (The medium of instruction shall be in English)

b) **Medium of questions paper:** English and Marathi only

c) **Medium of writing examination:** English, Marathi and Hindi.

7. **University Terms:** For the award of Bachelor of Library and Information Science (B.L.I.Sc.) a candidate should fulfill the following conditions:-

- A student should have attended at least 75% of the total number of lectures and practicals in the said course, and shall have secured at least 40% of marks in

Theory and Practical. A student, who does not thus obtain 40% of marks in the Theory, Practical, and internal, will have to keep fresh terms.

## 8. Examination:

### A) Total marks and their allocation per paper

Semester I	Six Theory Papers	600 Marks
	Three Practical papers	300 Marks
	BL-110 Viva-Voce	50 Marks
	BL-111: Library Project & Library Visit	50 Marks
	<b>Total</b>	<b>1000 Marks</b>
Semester II	Six Theory Papers	600 Marks
	Three Practical papers	300 Marks
	BL-210 Viva-Voce	50 Marks
	BL-211: Internship & Study Tour Report	50 Marks
	<b>Total</b>	<b>1000 Marks</b>
<b>Grand Total</b>		<b>2000 Marks</b>

### B) Standard of Passing:

1. For passing the B.L.I.Sc. Examination a candidate shall have to secure:
  - a) Minimum 40% marks in each theory paper and
  - b) Minimum 40% marks each in practical, Viva-Voce.

### C) ATKT Rule:

1. An applicant who has passed Semester-I shall be eligible for admission to Semester-II subject to ATKT rules.
2. Reappearing candidate shall be awarded the actual class based on total marks obtained in the re-examination.

### D) Pattern of Question Paper:

## 9. Pattern of Question Paper on the unit system:

### A) Theory:

The pattern of question paper as per unit system will be broadly based on the following pattern.

1. Syllabus has been divided into FIVE units equal to the number of question to be answered in the paper. On each unit there will be a question either a long answer type, short answer type or multiple choice types.
2. Number of question will be in accordance with the unit prescribed in the syllabi for each paper i.e. there will be one question on each unit.
3. For every question long answer type and short answer type there will be an alternative choice from the same unit. However, there will be no internal choice in a question.
4. Each short answer type question shall contain FOUR short sub questions with no internal choice.
5. There will be no internal choice in Multiple Choice Questions.

6. Division of marks between long answer, short answer and multiple choice type questions will be as-  
There will be Long Questions of 16 Marks each on TWO units (32 Marks), FOUR Short Questions of 04 Marks each on TWO Units (32 Marks), and EIGHT Multiple Choice Questions of 02 Marks each on any ONE Unit (16 Marks).
7. Question paper will be of 80 Marks (32+32+16) and consists of five questions and all the questions shall be compulsory.
8. The duration of the paper will be three hours.

**B) Practical:**

1. Question paper will be of 80 marks and questions will be asked from all the units of the syllabus.
2. The duration of the paper will be of THREE hours.

**C) Internal Assessment:**

1. Internal Assessment Marks shall be allotted on the basis of Assignments, Class Work, Seminars and Observation of Teacher.
2. Appropriate record of assignment, class work and seminars shall be kept in the department/college.



**DRAFT SCHEME OF TEACHING AND EXAMINATION FOR SEMESTER & CREDITS PATTERN OF BACHELOR OF  
LIBRARY AND INFORMATION SCIENCE (B.L.I.Sc.)**

SEMESTER-I										Total Marks
Paper No./Code	Title of the Paper	Teaching Scheme			Examination Scheme					
		Theory	Pract. / Internal	Total Credits	Theory			Pract. / Internal		
		Credits	Credits		Dur.	Max. Mar.	Min. Passing Marks	Max. Mar.	Min. Passing Marks	
BL-101	Foundation of Library and Information Science	3	1	4	3 Hr.	80	32	20	08	100
BL-102	Library Organization	3	1	4	3 Hr.	80	32	20	08	100
BL-103	Library Classification and Library Cataloguing	3	1	4	3 Hr.	80	32	20	08	100
BL-104	Basic Computer Application in LIS	3	1	4	3 Hr.	80	32	20	08	100
BL-105	Reference Sources and Services	3	1	4	3 Hr.	80	32	20	08	100
BL-106	Library Skills and Communication	3	1	4	3 Hr.	80	32	20	08	100
BL-107	Library Classification: Practical	3	1	4	3 Hr.	80	32	20	08	100
BL-108	Library Cataloguing: Practical	3	1	4	3 Hr.	80	32	20	08	100
BL-109	Basic Computer Application in LIS: Practical	3	1	4	3 Hr.	80	32	20	08	100
BL-110	Reference Services and Information Sources: Viva-Voce	2	-	2		50	20			50
BL-111	Library Project and Library Visit	2	-	2		50	20			50
Total		31	9	40		820				1000
SEMESTER-II										
BL-201	Librarianship as a Profession	3	1	4	3 Hr.	80	32	20	08	100
BL-202	Library Management	3	1	4	3 Hr.	80	32	20	08	100
BL-203	Knowledge Organization and Document Description	3	1	4	3 Hr.	80	32	20	08	100
BL-204	Advance Computer Application in LIS	3	1	4	3 Hr.	80	32	20	08	100
BL-205	Information Sources, Products and Services	3	1	4	3 Hr.	80	32	20	08	100
BL-206	Personality Development and Career Planning	3	1	4	3 Hr.	80	32	20	08	100
BL-207	Knowledge Organization: Practical	3	1	4	3 Hr.	80	32	20	08	100
BL-208	Document Description: Practical	3	1	4	3 Hr.	80	32	20	08	100
BL-209	Advance Computer Application in LIS: Practical	3	1	4	3 Hr.	80	32	20	08	100
BL-210	Information Products and Services: Practical	2	-	2	2 Hr.	50	20			50
BL-211	Internship and Study Tour Report	2	-	2		50	20			50
Total		31	9	40		820		160		400
Grand Total		62	18	80		1640		240		800

## SEMESTER-I

### BL-101 FOUNDATION OF LIBRARY AND INFORMATION SCIENCE

Unit	Total Number of Credits = 3
Unit – 1	<b>Development of Libraries: An Overview</b> Definitions, Evolution and Development of Libraries in the World Writing Materials and Printing development in India Development of Libraries and History of Library Movement in India
Unit – 2	<b>Role of Libraries:</b> Role of libraries in formal and in-formal education Role of Library and Information Centers in Modern Societies Library as a Social Institution Reading, Reading Habits and Role of Libraries in developing Reading Habits Library as an agency of mass communication.
Unit – 3	<b>National and International Level Promoters of Library and Information Services</b> RRRLF UNESCO UGC OCLC World Bank
Unit – 4	<b>Types of Libraries:</b> Academic Libraries (School, College and University Libraries), Special Libraries and Information Centers, Public Libraries, Mobile Library, National Library of India: Concept, Functions and Services
Unit – 5	<b>Normative Principles of Library and Information Science:</b> Five Laws of Library Science Implications of Five Laws in Library and Information Activities

**BL-102 LIBRARY ORGANIZATION**

<b>Unit</b>	<b>Total Number of Credits = 3</b>
<b>Unit – 1</b>	<b>Document Selection and Collection Development:</b> Definitions, Need and Purpose of Book Selection Principles (Drury, Dewey & Mc-Colvin, Practices- Books on approval etc.) Book selection policies in different libraries Book selection tools: Indian and Foreign (UK & USA), Online, Reviewing Tools, Publishers Catalogue, National Bibliographies
<b>Unit – 2</b>	<b>Technical Services- Acquisition of Books and Serials:</b> Acquisition of Books: Objectives and Functions of acquisition sections, sources of Acquisition, Acquisition and Processing of Books and Non-print Materials Serials Control: Type of Periodicals, Selection Tools, Procurement (Direct and through Agent), Receipt and Recording of Periodicals, Shelving, Routing of Periodicals, Collation of completed volumes Good Office Committee: History and Role in Acquisition Work
<b>Unit – 3</b>	<b>Circulation- Work and Methods:</b> Circulation Work: Definitions, Importance and Activities in Circulation Work (Registration Work, Reservation Work, Renewal, Overdue Reminders etc.) Charging System: History and Development, Pre-requisites of a Good Charging System, Browne and Newark Charging System, Computerized Charging System, Use of Bar Code in Charging System
<b>Unit – 4</b>	<b>Reporting</b> Library Statistics: Purpose, Sources and Kinds Library Rules and Regulations: Need, Purpose and Draft of the Rules Annual Report: Definitions, Purpose, Contents, and its compilation.
<b>Unit – 5</b>	<b>Maintenance</b> Open vs Closed Access, Protection against Enemies of Books, Binding, Conservation, Preservation and Restoration of Print, Non-Print and Electronic Materials Stock Verification: Purpose and Methods, Loss and Write off (Weeding of Books)

**BL-103 LIBRARY CLASSIFICATION AND LIBRARY CATALOGUING**

<b>Unit</b>	<b>Total Number of Credits = 3</b>
<b>Unit – 1</b>	<b>Classification:</b> Classification: Definition, Purpose, Natural and Artificial Classification, Classification vs. Division Knowledge Classification: Definition, Purpose, History of Knowledge Classification
<b>Unit – 2</b>	<b>Library Classification:</b> Library Classification: Definition, Need, Purpose and Function Methods of arrangement of books on shelves Knowledge Classification vs. Book Classification
<b>Unit – 3</b>	<b>Classification Schemes:</b> Dewey Decimal Classification (Latest Edition):General Outline, Main Class, Hierarchical Structure, Notation, Mnemonics, Auxiliary Tables, Synthetic Devices, Phoenix Schedules, Index and other features, Current Trends in Classification
<b>Unit – 4</b>	<b>Library Catalogue:</b> Nature, Functions, Need and Purpose Reading a Book Technically Kind of Catalogue: Outer (Physical) Forms of Library Catalogue (Book, Sheaf, Printed, OPAC, MARC etc.) Inner Forms of Library Catalogue (Classified Dictionary, Alphabetical, etc.)
<b>Unit – 5</b>	<b>Catalogue Entries:</b> Entries and their function (AACR): Main, Added, Analytical, Parts of entries including Unit Card System Filing of Entries: Alphabetical, Classified Alphabetization-Letter by letter, Word by word.



**BL-104 BASIC COMPUTER APPLICATION IN LIS**

<b>Unit</b>	<b>Total Number of Credits = 3</b>
<b>Unit – 1</b>	<b>Introduction to Computer System:</b> Computer: Definitions, Historical Development, Generations of Computer, Characteristics and Functions of Computers, Types of Computers (Mainframe, Super, Hybrid, Micro-mini, Personal-Laptop, Tab).
<b>Unit – 2</b>	<b>Components of Computer System:</b> Hardware: Storage Devices, Input and Output devices, CPU Software: System Software, Application Software Operating Systems: MSDOS, MS Windows, WINDOWS-NT LINUX, UNIX, etc.
<b>Unit – 3</b>	<b>Information Technology (IT)</b> IT: Definition, Need, Scope, Functions and Objectives Components of IT
<b>Unit – 4</b>	<b>Computer Application to LIC:</b> Library Automation: Concept, Need and Importance Areas of Automation- House Keeping Operations Planning, Hardware and Software requirement, Design and implementation of Automation
<b>Unit – 5</b>	<b>Library Software:</b> Criteria for Selection of Library Software, Special features, Modules of Library Software- WINISIS, SOUL, SLIM, LIBSYS etc. Open Source Library Management Software: e-Granthalaya and KOHA

## BL-105 REFERENCE SOURCES AND SERVICES

Unit	Total Number of Credits = 3
Unit – 1	<b>Introduction to Reference Sources:</b> Types, Criteria for selection and evaluation of Reference Sources (Authority, Scope, Treatment, Arrangement, Special Features and Utility) Difference between General Books and Reference Books Study of Encyclopedia and Dictionary (Content, Types, Arrangement, Scope and Uses)
Unit – 2	<b>Introduction to Reference Service:</b> Reference Service: Definitions, Need, Scope and Objectives (Origin and development of Reference Service from beginning to Internet era)
Unit – 3	<b>Theories and Functions of Reference Service:</b> Theories: James I. Wyer and Samuel Rothstein Functions of Reference Service: Dr. S. R. Ranganathan and Prof. A. K. Mukherjee
Unit – 4	<b>Types of Reference Service:</b> Orientation Programme, Ready-Short and Long Range Reference Service, Reader Advisory and Guiding Service, Bibliographical and Fact Finding Assistance, Literature Search, Document Delivery Service , Web-Based Services and FAQs. Reference Services in various libraries.
Unit – 5	<b>Organization and Management of Reference Department:</b> Organization of Reference Department Evaluation of Reference Service Qualities of Reference Librarian Referral Service: Concept and Importance

**BL-106 LIBRARY SKILLS AND COMMUNICATION**

<b>Unit</b>	<b>Total Number of Credits = 3</b>
<b>Unit – 1</b>	<b>Library Skills:</b> Need and Importance of Library Skills Types of Skills: Administrative Skills, Managerial Skills, Conceptual Skills, Technical Skills, Human Relation Skills, Soft Skills, Logical Skills, Decision Making Skill, Analytical Skills.
<b>Unit – 2</b>	<b>Leadership Skill:</b> Leadership: Definitions and Concept Importance of Leadership, Nature of Leadership, Formal and Informal Leaders, Leadership Styles Leadership Role of Library Professionals
<b>Unit – 3</b>	<b>Library Letters and Writing Skills</b> Types of Letters: Informal Letter/Personal Letters, Formal/Official letters. Personal Letters: Application Forms/Format, Joining Letter Official Letters: Book Order, Journal Subscription, Quotation Letters, Note Sheet, Notice, Circulars, Agenda, Minutes, Resolutions, Reminders Reports: Progress Report, Inspection Report, Confidential Report, etc Records Management: Types of filing- Official and personal files, Maintenance of filing
<b>Unit – 4</b>	<b>Communication and User:</b> Principles of effective Communication, Process of Communication, Barriers and Gateway to Communication, Do and Don'ts of Communication with Users, Types of Communication
<b>Unit – 5</b>	<b>Team Building and Team Work</b> Meaning, Aspects of Team Building in Library, Skills Needed for Teamwork in Library, Characteristics of Effective Team, Role of a Librarian as a team Leader, Role of Library Staff as Team Members

**BL-107 LIBRARY CLASSIFICATION: PRACTICAL**

<b>Total Number of Credits = 3</b>
<b>Classification of subjects using latest DDC Edition (60 Marks)</b> <ul style="list-style-type: none"><li>– Classification of Basic and Compound Subjects</li><li>– Use of Table-1</li><li>– Use of Table-2 (Subject + Area)</li><li>– Use of Table-3 (Use of Literary Forms)</li><li>– Table-4</li></ul> <b>Colon Classification (7<sup>th</sup> Edition) (20 Marks)</b> <ul style="list-style-type: none"><li>– Basic and Compound Subjects in CC</li></ul>

### **BL-108 LIBRARY CATALOGUING: PRACTICAL**

<b>Total Number of Credits = 3</b>
<b>Library Cataloguing (80 Marks)</b> <ul style="list-style-type: none"><li>– Cataloguing of Document using AACR Latest Edition</li><li>– Simple, Joint Author, Corporate Author, Composite Books.</li><li>– Structure of Main Entries, Added Entries and Reference Entries</li></ul>

### **BL-109 BASIC COMPUTER APPLICATION IN LIS: PRACTICAL**

<b>Total Number of Credits = 3</b>
<b>MS-Office Suit (80 Marks)</b> <ul style="list-style-type: none"><li>– MS-Word: Document Creation, Formatting, Table Creation and Printing etc.</li><li>– Creation of Resume/BIODATA using word file.</li><li>– MS-Excel: Database Creation, Charts etc.</li><li>– MS-Power Point: Slide Preparation and Presentation</li><li>– Viva-Voce</li></ul>

### **BL-110 REFERENCE SOURCES AND SERVICES: PRACTICAL**

<b>Total Number of Credits = 3</b>
<b>Study of Reference Sources and Evaluation (50 Marks)</b> <ul style="list-style-type: none"><li>– Study of Various Reference Sources with special reference to India: Dictionaries, Encyclopedias, Year Book and Directories.</li><li>– Evaluation of selected standard reference sources</li><li>– Finding information from above standard reference sources</li><li>– Viva-Voce</li></ul>

### **BL-111 LIBRARY PROJECT & LIBRARY VISIT**

<b>Total Number of Credits = 2</b>
<b>Library Project (25 Marks)</b> <ul style="list-style-type: none"><li>– Compilation of Bibliography/News Paper Clipping</li></ul> <b>Library Visit (25 Marks)</b> <ul style="list-style-type: none"><li>– Visit of local College/University Libraries.</li><li>– Preparation of visit report and submission of it.</li><li>– After submission of Library Visit report the Head of the Department or Principal allot the Tour Report Marks.</li></ul>



## SEMESTER-II

### BL-201 LIBRARIANSHIP AS A PROFESSION

Unit	Total Number of Credits = 3
Unit – 1	<b>Librarianship as a Profession:</b> Attribution of Profession Librarianship as a Profession Philosophy of Librarianship Professional Ethics: Need and Importance
Unit – 2	<b>Library Legislation:</b> Brief History of Library Legislation in India and with special reference to Maharashtra (MPLA-1967) Brief Outline of Press and Registration Act, Delivery of Books and Newspaper Act, and Copyright Act. Need and Purpose of Library Legislation Principles of Library Legislation
Unit – 3	<b>Professional Associations:</b> National LIS Associations (ILA, IASLIC, IATLIS) International LIS Associations (IFLA, ALA, FID) Role of Professional Association in growth of LIS profession
Unit – 4	<b>Library Publicity:</b> Public Relation and Publicity Publicity and Extension Outreach Activities Promotional and Consultancy Services Library Path Finder (guides)
Unit – 5	<b>Role of Government and Its Agencies</b> Role of State and Central Government Sinha Committee Report Planning Commission(National Institution for Transforming India (NITI) Ayog) Working Group, UGC, RRRLF, National Knowledge Commission

**BL-202 LIBRARY MANAGEMENT**

<b>Unit</b>	<b>Total Number of Credits = 3</b>
<b>Unit – 1</b>	<b>Management:</b> Management: Definitions, Purpose and Steps , History of Management, Administration: Definitions, and Purpose Principles of Management and its application to library Functions of Management (POSDCORB) Qualities of Good Manager
<b>Unit – 2</b>	<b>Library Planning and Library Committee:</b> Physical Planning: Standards, Equipments, Furniture, Planning and Space Management: Modern Library Building, Sections of Modern Library Library Committees: Need, and Purpose, Composition and Functions Role of Librarian in Library Committee.
<b>Unit – 3</b>	<b>Personnel Management:</b> Definition, Concept, and Function of Personnel Management Manpower Planning: Recruitment and Selection of Personnel: Sources of Recruitment, Steps in Selection Procedures.
<b>Unit – 4</b>	<b>Financial Management:</b> Budget: Concept, Need and Importance Budgeting Techniques and Methods (Line-by-Line, Formula Budgeting, Programme Budgeting, Performance Budgeting, Planning Programming Budgeting Systems (PPBS), Zero Based Budgeting (ZBB) etc.)
<b>Unit – 5</b>	<b>Job Analysis and Performance Appraisal:</b> Job Analysis: Definitions and Need, Job Evaluation, Performance Evaluation and Performance Appraisal, Performance Measurement

**BL-203 KNOWLEDGE ORGANIZATION AND DOCUMENT DESCRIPTION**

<b>Unit</b>	<b>Total Number of Credits = 3</b>
<b>Unit – 1</b>	<b>Universe of Knowledge:</b> Structures and Attributes Universe of Subjects as mapped in DDC and CC Types of Subjects: Basic, Compound and Complex Modes of Formation of Subjects
<b>Unit – 2</b>	<b>Notational System:</b> Notation: Need and Importance, Types, Qualities of Good Notation Call Number: Structure and various parts, Importance, and Function Species of Library Classification Schemes
<b>Unit – 3</b>	<b>Canons of Classification:</b> Canon: Concept and Importance Three planes of Canon: Idea, Verbal, and Notational Postulates of Facet Sequence and Analysis
<b>Unit – 4</b>	<b>Normative Principles and Cannons of Cataloguing:</b> Cannons of Cataloguing International Standard Bibliographic Description: ISBD (M), ISSN(S) and ISBD (NBM) Resource Description and Access (RDA): Concept and Importance
<b>Unit – 5</b>	<b>Catalogue-Utility and Economy</b> Subject Cataloguing: Concept and Principles Subject Heading Lists and their features Selective and Simplified Cataloguing, Cataloguing of Non-book Material, Cooperative and Centralized Cataloguing, Union Catalogue, OPAC and WEBOPAC

**BL-204 ADVANCE COMPUTER APPLICATION IN LIS**

<b>Unit</b>	<b>Total Number of Credits = 3</b>
<b>Unit – 1</b>	<b>Communication Technology:</b> Fundamentals of Communication Technology: Media, Mode and Components Network Media: Optical Fiber, Ethernet, Network Interface Card, Hub, Routers and Modem, Open System Interconnection (OSI) Reference Model
<b>Unit – 2</b>	<b>Networking Technology:</b> Types of Network-LAN, WAN, MAN Network Topologies-Bus, Star, Ring, Mesh, Tree etc. LAN: Planning, Designing and Implementation Network Software: Network Operating System, Domain Name System, Network Management System
<b>Unit – 3</b>	<b>Internet:</b> Internet: Concept, Components and Importance Connectivity: Dialup, Leased Lines, ISDN Protocols: FTP, HTTP Web Browsers: Internet Explorer, Netscape Navigator
<b>Unit – 4</b>	<b>Internet Services and Search Engines:</b> Internet Services: Need and Importance Search Engines: Concept and Need Types of Search Engines: Google, Altavista, Yahoo, Dogpile, Infoseek etc.
<b>Unit – 5</b>	<b>Library Security System:</b> Library Security: Need and Importance Kinds of Security System: Electromagnetic Systems, 3M Security, RFID Technology, CCTV Internet Security-Firewall and Proxy Servers



**BL-205 INFORMATION SOURCES, PRODUCTS AND SERVICES**

<b>Unit</b>	<b>Total Number of Credits = 3</b>
<b>Unit – 1</b>	<b>Information Sources:</b> Sources of Information: Documentary- Print and Non-print, Electronics Nature, Characteristics, Utility and Evaluation of different types of Information Sources. Non-Documentary Information Sources: Human, Institutional- Nature, Types, Characteristics and Utility. Categories of Information Sources: Primary, Secondary and Tertiary
<b>Unit – 2</b>	<b>Information Products:</b> Information Products: Nature, Scope and Functions Various Information Products: Abstract, Index, Bibliographies, Catalogue, Contents, Databases (CD-ROM & Web), Repositories etc.
<b>Unit – 3</b>	<b>Information Services:</b> Information Services: Concepts, Definition, Need and Trends Information Alert Services (CAS & SDI) Need, Techniques and Evaluation Bibliographic, Abstract, Referral, Document Delivery and Translation Services
<b>Unit – 4</b>	<b>Assessment of Users' Need and User Education</b> Types of Users Approaches and Needs of Users Information Seeking Behavior User Studies: Methods, Techniques and Purpose User Education: Objectives, Level and Techniques
<b>Unit – 5</b>	<b>Trends in Information Service:</b> Impact of IT on Information Services: Databases, Electronic Reference Sources, Electronic Document Delivery , Internet as a source of Information

**BL-206 PERSONALITY DEVELOPMENT AND CAREER PLANNING**

<b>Unit</b>	<b>Total Number of Credits = 3</b>
<b>Unit – 1</b>	<b>Career Opportunities in LIC:</b> Career opportunities in various libraries: Academic, Public and Special Libraries, National Library, Information Systems, Call Center, Data Base Center, and Corporate Sectors etc.
<b>Unit – 2</b>	<b>Interview Techniques (LIC Oriented)</b> Types of Interview, Preparation of Interview, Facing the Interview panel/board, Group Discussion Questions in Interview: Personal Questions, Questions on opted subjects, Job related Questions, Questions on General Knowledge, Questions on General Awareness, Questions on Extra-curricular Activities, Miscellaneous Questions Resume/Curriculum Vitae: Preparation of Resume/Curriculum Vitae, Different format of Resume/Curriculum Vitae
<b>Unit – 3</b>	<b>Career Planning in Library and Information Sector:</b> Concept and Need of Career Planning, Career Selection, Career Guidance, Career Advancement, Entrepreneurship Development in relation to Library and Information field
<b>Unit – 4</b>	<b>Personality Development:</b> Personality Development of Library Professionals, Inner Traits of Personality, Outer Traits of Personality, Personal Attributes required for Library Professional, Steps of Personality Development for Library Professional
<b>Unit – 5</b>	<b>Personality Development Activities:</b> Training and Development: Need and Importance Types of Training: Induction Training, Job Instruction Training, Vestibule Training, Refresher Training, Apprenticeship Training Methods of Training: On the Job and Off the Job Professional Development Activities: Workshop, Seminar, Conference, Orientation Programme, Refresher Courses, Short Term Course, Continuing Education etc.

## **BL-207 KNOWLEDGE ORGANIZATION: PRACTICAL**

<b>Total Number of Credits = 3</b>
<b>Classification of subjects using latest DDC Edition (60 Marks)</b> <ul style="list-style-type: none"><li>– Classification of Compound and Complex Subjects</li><li>– Use of Table-2 (Subject + Area + Area)</li><li>– Add to Instructions using Table-1</li><li>– Use of Table-3 Detailed Study</li><li>– Use of Table-5, Table-6 and Table-7</li><li>– Add to Instructions.</li></ul> <b>Colon Classification (7<sup>th</sup> Edition) (20 Marks)</b> <ul style="list-style-type: none"><li>– Use of PMEST Facet:</li><li>– Use of Common Isolates (ACI)</li></ul>

## **BL-208 DOCUMENT DESCRIPTION: PRACTICAL**

<b>Total Number of Credits = 3</b>
<b>Document Description (80 Marks)</b> <ul style="list-style-type: none"><li>– Cataloguing of Document using AACR Latest Edition</li><li>– Pseudonymous, Government Publication, Serial Publication, Collected Work, Series</li><li>– Non-book Material: Audio, Video Disk, Microforms, Maps, Atlases, Globes.</li></ul>

## **BL-209 ADVANCE COMPUTER APPLICATION IN LIS: PRACTICAL**

<b>Total Number of Credits = 3</b>
<b>Data Base Creation, Search and Retrieval Using WINISIS / SOUL / SLIM / LYBSYS / LIBMAN Software (80 Marks)</b> <ul style="list-style-type: none"><li>– Creation of Database</li><li>– Data Entry using any modules</li><li>– Searching and Retrieval</li><li>– Report Generation and Printout</li><li>– Viva-Voce</li></ul>

## **BL-210 INFORMATION SOURCES, PRODUCT AND SERVICES: PRACTICAL**

<b>Total Number of Credits = 3</b>
<b>Study of Reference Sources and Evaluation (50 Marks)</b> <ul style="list-style-type: none"><li>– Study of Information Sources (Print): Bibliographical Sources, Geographical Sources, Special Reference Sources.</li><li>– Study of Information Sources (Electronic): Portal, Blog, Databases and Repositories.</li><li>– Study and Evaluation of Websites of Information Systems: NISCAIR, INFLIBNET, DESIDOC, NASSDOC,</li><li>– Evaluation of selected standard reference sources</li><li>– Finding information from above standard reference sources</li><li>– Viva-Voce</li></ul>

## **BL-211 INTERNSHIP & STUDY TOUR REPORT**

<b>Total Number of Credits = 3</b>
<b>Internship (25 Marks)</b> <ul style="list-style-type: none"><li>– Internship for 30 Working Days in College/University Libraries.</li></ul> <p>Norms prescribed for completion of Internship: The college library should have-</p> <ul style="list-style-type: none"><li>– A qualified librarian approved by the university.</li><li>– The standing of the college library should be of minimum 20 years.</li><li>– The library should have minimum collection of 20000 Books.</li><li>– After submission of successfully completion of Internship certificate the Head of the Department or Principal allot the Internship Marks.</li></ul> <b>Tour Report (25 Marks)</b> <ul style="list-style-type: none"><li>– Education Tour of National recognized institute of LIS, Information Centers and Libraries.</li><li>– After submission of Study Tour report the Head of the Department or Principal allot the Tour Report Marks.</li></ul>



Sant Gadge Baba Amravati University, Amravati

REVISED SYLLABUS FOR ONE YEAR MLISc WITH SEMESTER AND  
CREDIT SYSTEM

1. **Title of course:** Master of Library and Information Science (M.L.I.Sc.)
2. **Duration of the Course:** One year (Two Semesters credit system)
3. **Objectives of the Course:** Master of Library and Information Science (M.L.I.Sc.) of one year duration with semester and credit system has following objectives:-
  - a) To train the students in the advanced skills of information/knowledge gathering, processing, organization and retrieval.
  - b) To include managerial skills in the students for planning and management of LICs.
  - c) To develop research skills in students and enable them to carry out research in LIS.
  - d) To provide thorough understanding of IT application in information environment including network and communication systems.
4. **Eligibility:** A candidate who has secured B.L.I.Sc. degree from any Indian University with at least 50% marks.
5. **External Students:** This course is not open to external students. Only full time regular students are eligible for this course.
6. **Structure of the Course:**
  - a) **Compulsory papers:**

### Semester – I

Paper No./Code	Title of the Paper	Marks		Total Marks
		External	Internal	
ML-101	Marketing of Library and Information Services, Products and Management Consultancy	80	20	100
ML-102	Information Communication	80	20	100
ML-103	Information Analysis, Repackaging and Consolidation	80	20	100
ML-104	Library Networks and Digital Library (Theory)	80	20	100
ML-105				
ML-106				
ML-107				
ML-105				
Total Marks				800

### Semester – II

Paper No./Code	Title of the Paper	Marks		Total Marks
		External	Internal	
ML-201	Research Methods and Statistical Techniques	80	20	100
ML-202	*Three Elective Papers A) Health Science Library and Information System B) Agricultural Library and Information System C) Engineering and Technological Library and Information System	80	20	100
ML-203	Library Networks and Digital Library (Practical)	80	20	100
ML-204	Project & Viva-voce			100
Total Marks				800
Grand Total (Sem-I + Sem-II)				1600

**b) Medium of Instruction:** English (The medium of instruction shall be in English and the question paper shall be set in English)

**c) Medium of writing examination:** English and Marathi

7. **University Terms:** For the award of Master of Library and Information Science (M.L.I.Sc.)

a candidate should fulfill the following conditions:-

- He / She shall have kept two terms for the Degree Course in Library & Information Science conducted by the Sant Gadge Baba Amravati University and
- He / She shall have completed the prescribed course to the satisfaction of the concerned Head of the Department/Institute.

- iii) A student should have attended at least 75% of the total number of lectures and practicals in the said course, and shall have secured at least 40% of marks in termwork. A student, who does not thus obtain 40% of marks in the termwork, will have to keep fresh terms.

## 8. Examination:-

### A) Total marks and their allocation per paper:

i)	Semester – I	Four Theory Papers	= 400 Marks
ii)	Semester – II	Two Theory Papers (One Compulsory + one Elective)	= 200 Marks
		One Practical	= 100 Marks
		Project	= 100 Marks
		<b>Total</b>	<b>= 800 Marks</b>

### B) Pattern of Question Paper on the unit system:

#### Theory:

The pattern of question paper as per unit system will be broadly based on the following pattern.

1. Syllabus has been divided into units equal to the number of question to be answered in the paper. On each unit there will be a question either a long answer type or a short answer type.
2. Number of question will be in accordance with the unit prescribed in the syllabi for each paper i.e. there will be one question on each unit.
3. For every question long answer type or short answer type there will be an alternative choice from the same unit. However, there will be no internal choice in a question.
4. Division of marks between long answer and short answer type questions will be in the ratio of 40 and 60. (i.e. Long Question: 16M x 2Q = 32 Marks & Short Questions 4M x 12Q = 48 Marks, Total=80 Marks)
5. Each short answer type question shall contain 4 to 8 short sub questions with no internal choice.
6. Question paper will be of 80 marks and questions will be asked from all the units of the syllabus.
7. Questions paper will consists of five questions and all the questions shall be compulsory.
8. The duration of the paper will be three hours.

#### Practical:

1. Question paper will be of 80 marks and questions will be asked from all the units of the syllabus.
2. Question paper will consist of four questions and all the questions shall be compulsory.
3. The duration of the paper will be of two hours.





## LIBRARY AND INFORMATION SCIENCE (M.L.I.Sc.)

[illegible]

## ML-101 MANAGEMENT OF LIBRARIES AND INFORMATION CENTERS

Unit	Total Number of Credits = 4
Unit – 1	<b>Management:</b> Concept, Definition and Scope, Principles of Scientific Management-Their application to LICs. School of Thoughts: Classical School, Scientific Management School, Human Behavior and Motivation School, Decision Theory School Approaches: Behavioral Approach, Mathematical Approach, Formalistic Approach, and Participative School, Organizational Structure: Concept and Scope
Unit – 2	<b>Planning:</b> Concept, Need and Purpose Steps, Planning of LIC, Forecasting Techniques Strategic Planning, Methods of Planning
Unit – 3	<b>Controlling:</b> Concept, Definitions, Scope and Use in LIC Budgetary and Non-budgetary Control PERT and CPM
Unit – 4	<b>Change Management:</b> Concept of change, Changes in procedures, methods, tools and techniques Problems of Incorporating change Techniques of managing change
Unit – 5	<b>Trends in Management Techniques:</b> Management by Objective (MBO), Management by Organizational Development (MBOD), and Management by Exception (MBE), TQM, SWOT Analysis, Six Sigma, Out Sourcing, Re-engineering, MIS.

### ML-201 MARKETING OF INFORMATION PRODUCTS AND SERVICES

Unit	Total Number of Credits = 4
<b>Unit – 1</b>	<b>Marketing of Information Services and Products:</b> Concept of Marketing, Marketing for Non-profit Organization, Market Analysis, Market Research and Market Trend, Marketing Services, Marketing Ethics, Marketing Management and Librarianship: Past, Present and Future.
<b>Unit – 2</b>	<b>Pricing, Promotion and Evaluation of Information Product</b> Pricing of Information Services and Products Marketing Tools, Promotion of Products, Branding and Advertising, Evaluation of Information Services and Products.
<b>Unit – 3</b>	<b>System Analysis and Design</b> System Approach: Concept, System Analysis, Library as a system, System Design: System Design Process, Project Management, Time and Motion Study: Time Management, Work Study, Work Measurement
<b>Unit – 4</b>	<b>Management Consultancy</b> Definition of Consultancy, Concept Professional Consultancy: Concept and Evolution, Areas of Application, Need, Pre-requisites, Provision, Impact on Librarianship and Library Information Center
<b>Unit – 5</b>	<b>Organization Development and Effectiveness</b> Organizational Development: Concept, Scope and Objectives Organizational Effectiveness: Concept and Need, Organizational Change: Concept and Need, Effectiveness and Development Skills of Change Agent, Organization Climate and Culture

#### References Recommended:

1. Anderson, A. H. and Barker D. Effective Enterprise and Change Management Oxford: Blackwell Publisher Limited, 1996.
2. Aswathappa, K. Human Resources and Personnel Management. New Delhi: Tata McGraw-Hill, 1997.
3. Baker, David. The Strategic Management of Technology: A guide for Library and Information Services. Oxford (UK): Chandos Publishing, 2004.
4. Drucker, Peter F. The Practice of Management, New York: Holt, Rienchart and Winston, 1958.
5. Evans, Edward G. Management Techniques for Librarians. 2<sup>nd</sup> Ed. New York: Academic Press, 1982.
6. Fayol, Henri, General and Industrial Management. Tr. By Constance Stores. London: Pitman, 1949.
7. FitzGerald, J and Fitz Gerald, Ardra F. Fundamentals of System Analysis. 3<sup>rd</sup> Ed. New York: John Wiley, 1987.
8. French, W. E. and Bell, C. H. Organizational Development. New Delhi: Prentice-Hall of India, 1995.
9. Gupta, D. K. and Jambhekar, Ashok (Ed.). An Integrated Approach to Services Marketing: A book of reading on making of Library and Information Services. Mumbai: Allied Publication, 2003.
10. Hayes, R. M. Strategic Management for Academic Libraries: A Handbook. Westport: Greenwood, 1993.

11. Holloway, J. (ed.) Performance Measurement and Evaluation. New Delhi: Sage, 1995.
12. Koontz, H. and Weithric, H. Essentials of Management. 5<sup>th</sup> Ed. New Delhi: Tata McGraw-Hill Publishing Co. Limited, 1998.
13. Kumar, P.S.G. Management of Library and Information Centers. New Delhi: B. R. Publication, 2003.
14. Lahiri, R. Management of Libraries of Libraries Concepts and Practices. New Delhi: Ess-Ess Publication, 1996.
15. Lawes, Ann. Management Skills for the Information Manager. London: Ashgate Pub, 1993.
16. Luthans, F. Organizational Behaviour. 7<sup>th</sup> Ed., New York: McGraw-Hill, 1995.
17. Mendonca, M. and Kanungo, R. N. Work Motivation. New Delhi: Sage, 1994.
18. Mishra, K. C. 21<sup>st</sup> Century Library Management. New Delhi: Ess-Ess Pub., 2004.
19. Mittal, R. L. Library Administration: Theory and Practice. New Delhi: Metropolitan Book Company, 1996.
20. Narayanan, G. J. Library Management and Information Management. New Delhi: Printice Hall of India, 1991.
21. Pawar, B. S. and Vyas, S. D. Library Management. New Delhi: B. R. Publishing Corporation, 1986.
22. Prytherch, Ray. Gower Handbook of Library and Information Management. Aldershot: Gower, 1998.
23. Robbins, S. P. Organizational Behaviour 7<sup>th</sup> Ed. New Delhi: Prentice Hall of India, 1996.
24. Vasisth, N. Students' Guide to Management. New Delhi: Taxmann, 2002.
25. Wadhawa, R. K. Management Information System and Corporate Communications. New Delhi: Kanishka Publishers, 1998.
26. White, Herbert S. Library Personnel Management. New York: Knowledge Indus Publication, 1985.
27. Woodal, Jack Rebuck, Debrorah, K. and Vochl, Frank. Total Quality in Information Systems and Technology. New Delhi: Vanity Books, 1998.

## ML – 102 INFORMATION COMMUNICATIONS

Unit	Total Number of Credits = 4
<b>Unit – 1</b>	<b>Data, Information and Knowledge:</b> Data, Information and Knowledge: Definitions and Conceptual Difference Information Nature and Characteristics Generation of Information and knowledge: Information Transfer Chain Value and Use of Information
<b>Unit – 2</b>	<b>Communication of Information:</b> Information Communication: Concept, and Scope, Information Communication Channels, Models and Barriers, Trends in Scientific Communication, Agencies promoting Communication of Information
<b>Unit – 3</b>	<b>Information Science:</b> Definitions, Objectives and Scope, Growth and development of Library Science Documentation and Information Science Interdisciplinary Nature of Information Science
<b>Unit – 4</b>	<b>Information Programmes, Policies and Acts</b> National Information Policy: Concept, Need and Guidelines, National and International Policy Issues, Information Super Highway. National Information System (NATIS): Concept and Need, Universal Availability of Publication (UAP) Intellectual Property Rights: WIPO and WIPONET, Right to Information, Freedom of Information, Censorship, Fair Use, Data Security.
<b>Unit – 5</b>	<b>Information System and Information Unit</b> National & International Information System: NISSAT, NASSDOC, NISCAIR, DESIDOC, INIS, AGRIS, INSPEC. Information Unit: Aims and Objective, Types and Need of Information Unit, Information Center: Clearing House, Data Centers and Data Banks, Liaison Services, Information Analysis Center, Referral Service Center, Information Call Center.



## ML-202 COMPUTER GENERATED INDEXES AND RETRIEVAL TECHNIQUES

Unit	Total Number of Credits = 4
Unit – 1	<b>Computer Generated Indexes</b> Role of computer in generation of Indexes, Manual vs Computerized Indexes Computer base Indexing System: KWIC, KWOC etc. Citation Indexing
Unit – 2	<b>Search Process:</b> Search Strategy: Concept and Steps Search Strategies in Computer Generated Indexing System Offline and Online Information Retrieval Techniques Natural Language Processing and their Retrieval
Unit – 3	<b>Evolution and Trends:</b> Evolution of Information Retrieval Techniques Recent Trends in Information Retrieval System
Unit – 4	<b>Information and Knowledge Management:</b> Concept, Scope and Nature of Information Management Steps in Information Management Knowledge Management: Concept and Need of Knowledge Management Types of Knowledge: Tacit and Explicit Tools and Techniques of Knowledge Management
Unit – 5	<b>Bibliographical Control:</b> Concepts and Need of Bibliographical Control Historical Development of National and Universal Bibliographical Control Role of UNESCO and IFLA in Bibliographical Control Bibliography of Non-documentary Sources: Need and Functions

### Recommended Books:

1. Ahuja, B. N. and Chhabra, S. S. Communications. New Delhi: Surjeet Publication, 1989.
2. Babu, B. Ramesh and et.al. Information Management: Trends and Issues. New Delhi: Researchco Book Centre, 2003.
3. Babu, B. Ramesh and Gopalakrishnan (Ed.) Knowledge Management: Today and Tomorrow. New Delhi: Ess-Ess Publication, 2003.
4. Babu, B. Ramesh and Gopalakrishnan, S. (Ed). Information Communication, Library and Community Development. New Delhi: B. R. Publishing Corporation, 2004.
5. Jain, A. K. Bhatia, Pravin S. R. and Sheikh, A. M. Professional Communication Skills. New Delhi: S. Chand and Company, 2001.
6. Kamala, Vijayan D. and et.al. (Ed). International Conference on Information Management in a Knowledge Society. Vol.-I. New Delhi: Allied Publishers, 2005.
7. Kamalavijayan, D. Information and Knowledge Management. New Delhi: Macmillan India Limited, 2005.
8. Kumar, P.S.G. Fundamental of Information Science. New Delhi: S. Chand and Company, 1998.
9. Kumar, P.S.G. Information and Communication. New Delhi: B. R. Publication, 2004.
10. Sahib, Singh. Library and Literacy Movement for National Development. New Delhi: Concept Publishing Company, 2003.

11. Toffer, Alvin. The Power Shift: Knowledge wealth and violence at the Edge of the 21<sup>st</sup> Century, New York: Bantam House, 1991.
12. Vickery, B. C. and Vickery, A. Information Science in Theory and Practice. London: Butterworth, 1987.

## ML-103 INFORMATION STORAGE AND RETRIEVAL

Unit	Total Number of Credits = 4
Unit – 1	<b>Information Storage and Retrieval</b> Concepts, Objectives, Functions and Components of Information Storage and Retrieval Content Analysis: Concept, Need, Scope and Steps in Content Analysis, Methods of Content Analysis
Unit – 2	<b>Document Representation and Document Description:</b> Document Description: Principles and Practice Standards for bibliographic description at National and International level Current Trends in Standardization and Information Exchange Trends in Information Retrieval Models
Unit – 3	<b>Subject Indexing:</b> Concept, Objectives, Functions and Need of Index History and Development of Subject Indexing
Unit – 4	<b>Indexing Models:</b> Pre-co-ordinate Indexing: Chain Indexing, PRECIS, POPSI Post-Co-ordinate Indexing: Uniterm Indexing; Zatocoding system; Optical coincidence methods (Peek-a-Boo-system)
Unit – 5	<b>Indexing Languages:</b> Characteristics and Types Vocabulary Control: Natural and Control Language, Semantic and Syntax Subject Heading Lists: LCSH, SLISH, Thesaurus: Purpose, Function and Structure, Steps in construction of Thesaurus, Thesaurofacet and Classarus.

## ML – 203 INFORMATION ANALYSIS, REPACKAGING AND CONSOLIDATION

Unit	Total Number of Credits = 4
<b>Unit – 1</b>	<b>Information Analysis:</b> Concept, Definitions and Need, Methods of Information Analysis Abstract and Abstracting: Definitions and Need, Types of Abstract, Techniques of Abstracting, Steps in Abstracting, Standard and Guidelines for Preparation of Abstract
<b>Unit – 2</b>	<b>Information Repackaging:</b> Concept and Need of Repackaging, Repackaging and Formatting, Agencies dealing with Repackaging of Information, Electronic Content Creation: Meaning, Need, Objectives and Techniques CAPS: Definition, Concept and Importance
<b>Unit – 3</b>	<b>Information Consolidation</b> Definition and Concept of Information Consolidation Objectives and Need of Information consolidation Value and benefits of Consolidation. Methods of Information Consolidation Pre-requisites and Stages/Steps in the Preparation of Information consolidation, Tools for Consolidation
<b>Unit – 4</b>	<b>Information Consolidation Products (ICP)</b> Nature of Information Consolidation Product, Design and Development of ICP, Types of Information Consolidation Product: User Manual, Indexes, Bibliographies, Union Catalogues, Abstract Bulletin , Library Bulletin, Trend Report, State of the Art etc.
<b>Unit – 5</b>	<b>Information Analysis and Consolidation Centers:</b> Information Analysis and Consolidation Centers: Genesis, Types, Functions and Activities Planning and Management of Information Analysis and Consolidation Centers: Policy formulation, Management and Resource needed Recent Trends in Information Analysis and Consolidation

### Recommended Books:

1. Bhattacharya, G. DRTC Annual Seminar on IASLIC: A Review. (DTRC Annual Seminar. 18, 1981; paper IA.)
2. Brandreth, M. Specialized Information/Analysis centre in International development: Report of a meeting held at Montebello, Quebec, Canada 4-8, October, 1982. 12DC Manuscript series. March, 1984.
3. Bryson, J. O. Effective Library and Information Centre Management. USA: Gower Publishing Company, 1980.
4. Chandra, A. and Saxena, P. Style Manual for writing thesis, dissertations and papers in social science. New Delhi: Metropolitan, 1979.
5. Dinesh, E. and Ramachandran, M. Organization and set up of an Information Analysis Centres. DTRC Annual Seminar 18, 1981. Paper HB.
6. Ellis, D. New Horizons in Information Retrieval. London: Library Association, 1990.
7. Fosket, A.C. Subject Approaches to Information. 3<sup>rd</sup> ed. London: Clive Bingley, 1977.
8. Gopinath, M. A. Preparation of an Index to a book: A Case Study Library Science with a Slant Documentation, 1967, Paper E.

9. Gopinath, M. A. Typology of structural relations for Information Analysis and consolidation products, feedback and evaluation: a case study. DTRC Annual seminar. 18; 1981. Paper EA.
10. Kumar, P.S.G. Information Analysis, Repackaging, Consolidation and Information Retrieval. New Delhi: B. R. Publishing, 2004.
11. Lancaster, F. W. Vocabulary Control for Information Retrieval. New York: Information Resources Press, 1972.
12. Matcalfe, J. R. Organization of ICU: Centralized or decentralized Information analysis and consolidation; who page (paper presented at the third meeting of UNISIST wording group on information analysis and consolidation. Kaula lampir 12-16 Sep 1983.
13. Narayana, G. J. Library and Information Management. New Delhi: Prentice Hall India, Pvt. Ltd. 1991.
14. Saracevic, T. and Wood, J. S. Consolidation of Information: A hand book of evaluation restructuring and repackaging of scientific and technical information. Paris: UNESCO, 1981.
15. Seetharama, S. Costing of Information System and services: Some General Considerations. DRTC Annual Seminar 24, 1990. Paper B.
16. Seetharama, S. Evaluation measures in information retrieval system IASLIC conference 1992.
17. Seetharama, S. Guidelines for Planning of Libraries and Information Centers. Calcutta: IASLIC, 1990.
18. Seetharama, S. Information Consolidation and Repackaging: Frame work, Methodology, Planning. New Delhi: Ess-Ess Publications, 1997.
19. Seetharama, S. Libraries and Information Canters as Profit Marking Institutions. New Delhi: Ess-Ess Publications, 1998.
20. Raju, A A N and Ramaiah, L. S. National Bibliographical Control: Problems and Perspectives. Allied Publishers, 2003.



## ML – 104 LIBRARY NETWORKS

Unit	Total Number of Credits = 4
Unit – 1	<b>Library Networks:</b> Library Networks: Concept and Definition Aims and Objective of Library Network Need of Library Networks, Uses of Library Network, Pre-requisites for Network Organization
Unit – 2	<b>Network Services:</b> Types of Network Services, Importance of Network Services Types of Networks: DELNET, INFLIBNET, BONET, ERNET, NICNET, JANET, BLAISE, OCLC.
Unit – 3	<b>Resource Sharing and Consortia:</b> Concept and Needs, Modern Trends in Resource Sharing Consortia: Concept, Definitions, Benefits and Limitations Types of Consortia, International Initiatives – FORSAA Indian Initiatives – UGC-INFONET, J-Gate, INDEST, CSIR e-journal consortium
Unit – 4	<b>Web Technologies in Libraries:</b> WEBOPAC , Web 2.0 Functions and Features, Web 2.0Toolsand Their application in Libraries: RSS Feed, Weblogs, PODCASTS, Instant Messaging, Flickr, Wikkis and Social Networking
Unit – 5	<b>Creation of Web Documents:</b> Website Designing, Markup Languages: SGML, HTML and XML Website Designing Languages-HTML, Contents of Library Web page, Website Evaluation Criteria

## ML-204 DIGITAL LIBRARIES

Unit	Total Number of Credits = 4
Unit – 1	<b>Digital Library:</b> Digital library: Definition, Objectives, Scope, and Services History of Digital Libraries Electronic Library: Development and Services Virtual Library: Development and Services
Unit – 2	<b>Building Digital Libraries:</b> Pre-requisites for building of Digital Library, Digitization Process, Challenges. Digitization Hardware and Software, OCR, Image Editing Software, Open Source Software for Digitization: D-Space, Green Stone, Fedora and E-print.
Unit – 3	<b>Design and Organization of Digital Library:</b> Collection Development (e-Books, e-Journals etc.), Organization and Preservation of Digital Material, Data Warehousing and Data Mining, Metadata: Nature, Standards (Dublin Core), Creation and Standards.
Unit – 4	<b>Digital Rights Management:</b> Digital Rights Management: Concept and Need Digital Millennium Copyright Act IPR issues in Digitization, Fair Use (Fair Deal) of use of Digital Information, Plagiarism and Copyright Infringement Cyber Crimes and Cyber Laws
Unit – 5	<b>Digital Library Initiatives:</b> Digital Library Initiatives World Wide, Digital Libraries Initiatives in India, Open Access Movement, Case study of selected Digital Libraries: Digital Library of India, National Digital Library, California Digital Library, and Alexandria Digital Library. Institutional Repositories, ETD Repositories.

### Recommended Books:

1. Ackermann, F. and Hartman, K. The Information Specialist's guide to Searching and Researching on the Internet and the World Wide Web. Chicago: Fitzroy Dearborn Publishers, 1999.
2. Ali, Amjad. Digital Libraries and Information Networks. New Delhi: Ess-Ess Publication, 2007.
3. Arms, William Y. Digital Libraries. Rev. Ed. Ane Books, 2005.
4. Asok Babu and Ramaiah, L S. Developing Cyber Libraries. New Delhi: Allied Publisher, 2006.
5. Baker, David. The Strategic Management of Technology: A guide for Library and Information Services, Oxford (UK): Chandos Publishing, 2004.
6. Bavakutty, M., Veeran, M. K. and Muhammed Salih, T. K. (Ed). Information: Access, Management and Exchange in the Technological Age. New Delhi: Ess-Ess Publication, 2003.
7. Bhatnagar, S. C. and Ramani, K. U. Computers and Information Management: A Printer for Practicing Managers. New Delhi: Prentice Hall of India, 1989.
8. Bradeley, P. And Smith, A. World Wide Web: How to design and Construct home pages. London: ASLIB, 1996.
9. Chaudhary, G. G. Introduction to Digital Libraries. London: Facet, 2003.
10. Chaudhary, G. G. Text Retrieval System in Information Management. New Delhi: New Age International, 1996.
11. D'Souza, Monica and D'Souza, Jude. Web Publishing, New Delhi: Tata McGraw –Hill Company Limited, 2001.

12. Godia, Kundan. Electronic Services in Library and Information Services. New Delhi: Adhyayan Publishers and Distributors, 2007.
13. Gopinath, M. A. and Reddy, E. Rama. Information Access through Networks. Hyderabad: Book links Corporation, 1996.
14. Hirwade, Mangala and Hirwade, Anil. Fundamentals of Intellectual Property Rights. Nagpur: Himalaya Publications, 2007.
15. Horak, Ray. Communication Systems and Networks. 2<sup>nd</sup> Ed. New Delhi: IDG, 2000.
16. Kumar, P. S. G. Computerization of Indian Libraries. New Delhi: B. R. Publishing, 1987.
17. Leon, A. and Leon, M. Fundamentals of Information Technology. Chennai: Lion Tech World, 1999.
18. Malwad, N. M. and et. al (Ed). Digital Libraries: Dynamic Storehouse of digitized Information. New Delhi: New Age International, 1996.
19. Murthy, S. S., Ravi, Anuradha and Moorthy, A. Lakshmana (Ed.) Bibliographic Databases and Networks. New Delhi: Tata McGraw- Hill Publishing Company, 1989.
20. Naik, Dilip C. Internet Standards and Protocols. New Delhi: Prentice Hall India Limited, 2001.
21. Parthan, S. and Jeevan, V. K. J. Information Management in E-Libraries. New Delhi: Allied Publisher, 2002.
22. Pedley. Digital Copyright. 2<sup>nd</sup> Ed. London: Facet, 2005.
23. Rao, N. Laxman. Responding to users' need in changing Information Landscapes: Journey of Libraries from Palm-Leaf to Palmtop. New Delhi: Indian Library Association, 2004.
24. Ravichandra Rao, I. K. Library Automation. New Delhi: Wiley Eastern, 1993.
25. Saffady, W. Introduction to Automation for Librarians, 3<sup>rd</sup> Ed. London: American Library Association, 1994.
26. Satarkar, S. P. Intellectual Property Rights and copyright matters. Nanded: Swapnil Mudranalaya, 2002.
27. Singh, Pravin C. Digital Libraries Tools and Techniques. New Delhi: Alfa Publications, 2008.
28. Sinha, Kamala. Access to Information Technology in Modern Libraries. Delhi: Vista International Publishing House, 2005.
29. Sinha, Kamala. Changing role of Digital Librarian. Delhi: Vista International Publishing House, 2007.
30. Thomas, R. And Yeats, J. A. User's guide to the Unix System. 2<sup>nd</sup> Ed. New Delhi: Tata McGraw-Hill, 1995.
31. Vengan, R., Mohan, H. R. and Raghavan, K. S. Information Services in a Networked environment in India. Ahmadabad: INFLIBNET Centre, 2000.
32. Ramaiah, L. S. E-libraries: Problems and perspectives (Festschrift in honour of shri Ashok Babu tummala). New Delhi: Allied Publisher, 2007.
33. Sirurmath, Sangayya S. Electronic Libraries (Prof. P Sadasivamurthy Festschrift). New Delhi: Allied Publisher, 2002.

## ML-105 RESEARCH METHODOLOGY

Unit	Total Number of Credits = 4
Unit – 1	<b>Research:</b> Concept, Meaning, Need and Purpose of Research Types of Research-Fundamental and Applied including Interdisciplinary and Multidisciplinary Research Research in Librarianship: Need, Nature and History, Areas of Research in LIS
Unit – 2	<b>Research Design:</b> Research Design: Objectives and Steps in Research Design, Types of Research Design, and Characteristics of a Good Research Design Research Problem: Identification and Formulation of Research Problem, Selection of Research Problem, Hypothesis: Need, Purpose and Characteristics, Types of Hypothesis Designing of Research Proposal
Unit – 3	<b>Research Methods:</b> Research Methods: Scientific Methods, Historical Methods, Descriptive Methods, Survey Methods, Case Study Methods, Experimental Method and Delphi Techniques
Unit – 4	<b>Research Techniques and Tools:</b> Data Collection Techniques: Primary and Secondary Data Collection Tools: Questionnaire, Schedules, Interview, Observation Scales, Check Lists, Library Records and Reports
Unit – 5	<b>Sampling Techniques:</b> Concept, Meaning and Purpose of Sampling Sampling Techniques: Types, Purpose and Steps in Sampling

## ML-205 STATISTICAL TECHNIQUES FOR REPORT WRITING

Unit	Total Number of Credits = 4
Unit – 1	<b>Data analysis, Methods and Tools:</b> Descriptive Statistics: Measures of Central Tendency, Mean, Mode, Median Measures of Central Tendency: Standard Deviation Measures of Dispersion, Variance and Covariance
Unit – 2	<b>Data Presentation:</b> Tabulation and Generalization, Graphical presentation of data: bar, pie-line graphs, Histograms etc. Testing of Hypothesis using Statistical Test: Chi-square, T-Test, Z-Test
Unit – 3	<b>Research Reporting:</b> Research Reporting: Structure, Style and Contents Presentation of Findings Citation of Print, Electronic and Internet Sources using Style Manual: Chicago, APA, and Harvard. Writing Research Report, Qualities of Good Research Report
Unit – 4	<b>Research Ethics and Trends:</b> Ethical aspects of Research, Qualities of a Good Researcher Statistical Packages: SPSS and MICROSTAT Current Trends in LIS Research
Unit – 5	<b>Bibliometrics, Scientometrics and Informetrics:</b> Bibliometrics: Concept and Definition Bibliometric Laws: Lotka's Law, Bradford's Law, Zipf's Law Bibliographic Coupling, Obsolescence, Citation Studies, Impact Factor (H-Index) Scientometrics, Informetrics, Webometrics: Concept and Definition

### Recommended Books:

1. Best, John W. and Khan, James. V. Research in Education. 9<sup>th</sup> Ed. New Delhi: Pearson Education, 2007.
2. Busha, Charles. H. and Harter, Stephen P. Research Methods in Librarianship: Techniques and Interpretation. New York: Academic Press, 1980.
3. Elhance, D. N. and Elhance, Veena. Fundamentals of Statistics. Allahabad: Kitab Mahal, 1996.
4. Fowlwe, Floyed J. Jr. Survey Methods. 2<sup>nd</sup> Ed. Sage Publication, 1993.
5. Garreti, Henery. E. Statistics in Psychology and Education. New Delhi: Surjeet Publication, 2006.
6. Gaur, Ajani. S. and Gaur, Sanjaya. S. Statistical Method for Practice and Research: A guide to data analysis using SPSS. New Delhi: Sage Publication, 2006.
7. Gorman, G. E. and Clayton, P. Qualitative Research for Information Professionals: A Practical Handbook.
8. Goswami, M. Research Methodology in Library Science. New Delhi: Common Wealth Publications, 1995.
9. Gupta, S. P. Statistical Methods, 30<sup>th</sup> Ed. New Delhi: S.Chand, 2001.



10. Gupta, Santosh. Research Methodology: Methods and Techniques. 2<sup>nd</sup> Rev. Ed. New Delhi: Willey, 1990.
11. Kothari, C. R. Research Methodology: Methods and Techniques. 2<sup>nd</sup> Revised Edition. New Delhi: New Age International Publishers, 2009.
12. Krishna, Kumar. Research Methods and Information Science. New Delhi: Haranand Publication, 1999
13. Kumar, P.S.G. A Student's Manual of Library and Information Science. New Delhi: B. R. Publishing House, 2002.
14. Kumar, P.S.G. Research Methods and Statistical Techniques. New Delhi: B. R. Publishing House, 2004
15. Kumar, Ranjit. Research Methodology: A step-by-step guide for beginners. New Delhi: Sage Publications, 1999.
16. Lancaster, F. W. Bibliometric Methods in assessing productive and impact or research. Bangalore: Sarada Ranganathan Endowment for library science, 1991.
17. Line, Maurice B. Library Surveys. 2<sup>nd</sup> Ed. London: Clive Bingley, 1982.
18. Mahapatra, Gayatri. Bibliometric studies on library and information science literature. New Delhi: Ess-Ess, 1997.
19. Panda, B. D. Research Methodology for Library Science. New Delhi: Anmol Publication, 1997.
20. Ravichandra Rao, I. K. Quantitative Methods for Library and Information Science. New Delhi: Wiley Eastern Ltd, 1983.
21. Ray, G. L. and Mondal, Sagar. Research Methods in Social Sciences and Extension Education. Calcutta: Naya Prokash, 1999.
22. Reilly, Kevin D. The Delphi Technique: Fundamentals and applications. New Delhi: Commonwealth, 1995.
23. Saravanavel, P. Methodology. 15<sup>th</sup> Ed. Allahabad: Kitab Mahal, 2003.
24. Wilkinson, T. S. and Bhandarkar, P. L. Methodology and Techniques of Social Research. Bombay: Himalaya Publishing House, 1984.

**ELECTIVE PAPERS**  
**ML-106(A) HEALTH SCIENCE INFORMATION SYSTEM**

<b>Unit</b>	<b>Total Number of Credits = 4</b>
<b>Unit – 1</b>	<b>Health Science Education and Health Science Libraries:</b> Growth and Development of Health Science (Medical and Paramedical) Education and Research in India Role of libraries in Health Science Education, Research and Extension Recent Growth and Development of Health Science Libraries in India Information Policies in Health and Family Welfare
<b>Unit – 2</b>	<b>Health Science Information Sources and Services:</b> Specialized Collections and Information Sources (Print & Electronic) Health Science Information Center- National and International Information Services and Products in Health Science National and International Health Science Databases
<b>Unit – 3</b>	<b>Organizations Health Science Libraries and Information Centers:</b> Information Management: Concept and Principles Collection Management, Information Organization, Processing and Dissemination Developing need based and on-demand specialized services.
<b>Unit – 4</b>	<b>Information Needs:</b> Information Needs: Concept, Definitions and Purpose Information Requirement of Faculty, Researcher and Scientist User Studies and Survey of Local Health Science Libraries User Studies and Survey of Regional Health Science Libraries
<b>Unit – 5</b>	<b>Management of Health Science Information Systems and Networks:</b> Current Trends in Health Science Information Systems and Networks Human Resource Development- Staffing, Training and Professional Skills Resources Sharing and Networking in Health Science Libraries in India Professional and Research Association engaged in Medical and Health Sciences

**Recommended Books:**

1. Carmell, Michael. (Ed). Medical Librarianship. London: Library Association, 1982.
2. Chinnappa, S. L. Information retrieval methods in health science. Proceedings of the National Seminar on Health Science Libraries in India. Bangalore: 1980.
3. Kaula, P. N. and et. al. (Ed) International and comparative Librarianship and Information Systems. New Delhi: B. R. Publishing Corporation, 1996.
4. Kochar, Ved B. Development of Medical Library and Information Resources in India. 5<sup>th</sup> International Congress on Medical Librarianship, 1985.
5. Krishan Kumar. Information needs and Information seeking Behaviour. National seminar on Health Information, 1990.
6. Sasikala, C. Industrial Library Systems. New Delhi: Reliance Publishing House, 1994.
7. Varalakshmi, R.S.R. Information Services in Medical College Libraries. New Delhi: Ess Ess Publications, 1993.
8. Vickery, B. C. Information Systems. England: Butterworth and Company Limited, 1973.

## ML-106(B) AGRICULTURAL INFORMATION SYSTEM

Unit	Total Number of Credits = 4
Unit – 1	<b>Agricultural Education and Agricultural Libraries:</b> Growth and Development of Agricultural Education and Research in India Role of Libraries in Agricultural Education, Research and Extension Development of Agricultural Libraries in India, Information Policies in Agricultural Science
Unit – 2	<b>Agricultural Information Sources and Services:</b> Specialized Collections and Information Sources (Print & Electronic) Information Services and Products in Agricultural Science Agricultural Information Centers-National and International National and International Agricultural Databases
Unit – 3	<b>Organization of Agricultural Libraries and Information Centers:</b> General Principles of Information Management Collection Management Information Organization, Processing and Dissemination Developing need based and on demand specialized services
Unit – 4	<b>Information Needs:</b> Information Needs: Concept, Definitions and Purpose Information Requirement of Agricultural Faculty and Researchers User Studies and Survey of Local Agriculture Libraries User Studies and Survey of Regional Agriculture Libraries
Unit – 5	<b>Management of Agricultural Information Systems and Networks:</b> Current Trends in Agricultural Systems and Networks, Human Resource Development-Staffing, Training and Professional Skills Resources Sharing and Networking in Agricultural Libraries in India, Professional and Research Association engaged in Agricultural Sciences.

### References Recommended:

1. Alan Card, J. R. and Farrel, Lois. Guide to Agricultural and Biological Research. Beriveley: University of California, 1981.
2. Association of Indian Universities. Handbook of Agricultural Education. New Delhi: AIU, 1986.
3. Association of Indian Universities. Universities Handbook. New Delhi: AIU, 1985.
4. Bannerjee, S. R. and Moitra, S. Agricultural Documentation Services in India. New Delhi: ICAR Library (Unpublished).
5. Bose, P. C. AGRIS: International information system in Agricultural science and technology (In Gupta, B. M. and et. al. Handbook of Libraries, Archives and info cultures in India. V6. New Delhi: Info Resources Centre, 1988.
6. Deshmukh, P. P. (Ed.) Information Systems for Agricultural Sciences and Technology. New Delhi: Metropolitan, 1987.
7. Deshmukh, P. P. Indian Council of Agricultural Research (Delhi). Agricultural University Libraries on Committee, Final Report. New Delhi: ICAR, 1969.
8. Deshmukh, P. P. Standardization of Library and Information Services with special reference to scientific and agricultural libraries. New Delhi: ABC, 1990.

9. Dutta, S. Planning for an Agricultural information system in India.
10. Gupta, S.R. Stock verification in Libraries: Problems and Solutions. Delhi: Ken Pub., 1990.
11. Indian Council of Agricultural Research (New Delhi). Agricultural Universities (Review Committee) Report. New Delhi: ICAR, 1978.
12. Khanna, J. K. handbook of Library and Info Systems and Services. Delhi: Beacon, 1996.
13. Kumar, P. S. G. Agricultural Librarianship: MLISc. Elective paper. (Kumar curriculum series in Library & Information Science; 13). New Delhi: B. R. Publishing Corporation, 2008.
14. Lilley, P. Information Sources in Agriculture and Food Science. London: Butter Worths, 1981.
15. Maharashtra Government of Report of the Advisory Committee for Establishment of Agricultural University. Bombay: Govt. of Maharashtra, 1965.
16. Ramtirth, Aris. Information System for Agriculture Science and Technology in perspective in Library and Information Science. 1982.
17. Sangameswaran, S. V. and Gopinath, M. V. Transfer of Post-harvest technologies etc. (in Kapoor, S. V. and others ed. National Seminar of IASLIC, 1980.
18. Schmid, Helga. AGRIS: Database and Software development. (in Murthy, S. S. and et. al. Bibliographic databases and networks. New Delhi: Tata McGraw Hill, 1989.
19. Subbaiah, R. Agricultural Librarianship in India: An overview. New Delhi: Metropolitan, 1988.
20. Vashisth, C. P. International Info System in Agricultural Science and Technology (AGRIS) (in Agarwal D. S. Ed. Workshop on computer techniques information processing. Delhi.

## ML-206 (A) ENGINEERING AND TECHNOLOGICAL INFORMATION SYSTEM

Unit	Total Number of Credits = 4
Unit – 1	<b>Engineering Education and Engineering Libraries:</b> Growth and Development of Engineering Education and Research in India. Role of Libraries in Engineering Education, Research and Extension. Development of Engineering and Technological Libraries in India. Information Policies in Engineering and Technology.
Unit – 2	<b>Engineering Information Sources and Services:</b> Specialized Collections and Information Sources (Print & Electronic) Information Services and Products in Engineering and Technology Engineering and Technological Information Centers-National and International, National and International Databases for Engineering Technology
Unit – 3	<b>Organization of Engineering and Technological Information Centers:</b> Principles of Information Management Collection Management Information Organization, Processing and Dissemination Developing need based and on demand specialized services
Unit – 4	<b>Information Needs</b> Information Needs: Concept, Definitions and Purpose Information Requirement of Engineering Faculty, Researchers and Engineers User Studies and Survey of Local Engineering and Technological Libraries User Studies and Survey of Regional Engineering and Technological Libraries
Unit – 5	<b>Management of Engineering and Technological Information Systems and Networks:</b> Current Trends in Engineering and Technological Systems and Networks, Resources sharing and Networking in Engineering and Technological Libraries in India, Professional and Research Association engaged in Engineering and Technology

### References Recommended:

1. Cowley, John (Ed). The Management of Polytechnic Libraries. London (UK): Gower Publishing Company, Reprint 1987.
2. Dhawan, S. M. and others. Shaping the future of special libraries beyond Boundaries. New Delhi: Ane books Pvt. Ltd., 2009.
3. Gadgil, P. G. Industrial economy of India. Delhi: Eurasia, 1985.
4. Gaur, Ramesh C. Reengineering Library and Information Services: Process people and technology. New Delhi: Allied Publisher Pvt. Ltd., 2003.
5. Hirwade, Anil. Patent information services on Internet: An evaluation. Nagpur: Himalaya Publishing house, 2008
6. Kumar, P. S. G. Business/Industrial Librarianship: MLISc. Elective paper. (Kumar curriculum series in Library & Information Science; 14). New Delhi: B. R. Publishing Corporation, 2008.
7. Lamb, J. P. Commercial and Technical libraries. London: George Allen and Unwin Ltd, 1955.
8. Lancaster, F. W. Libraries and Librarians in an age of Electronics. Arlington: Information Resources Press, 1982.
9. Sasikala, C. Industrial Library Systems. New Delhi: Reliance Publishing House, 1994.



10. Sinha, Suresh C. and Dhiman, Anil K. Special Libraries: Research and Technical libraries. New Delhi: Ess-Ess Publication, 2002.
11. Thakur, D. S. Scientific and Technical Libraries. New Delhi: Ess-Ess Publication, 2006.

### **ML – 203 LIBRARY NETWORKS AND DIGITAL LIBRARY: APPLICATION**

<b>Unit</b>	<b>Total Number of Credits = 4</b>
<b>Unit – 1 1 Credit</b>	Using Library Software LibSys/SLIM/SOUL or any locally available library software. Creation & maintenance of bibliographic database of minimum 50 documents using SOUL or any locally available library software.
<b>Unit – 2 1 Credit</b>	CD-ROM Searching / CD search: study of minimum 5 CDs (text, graphic), E-mail, Digitization of documents (scanning, OCR etc.)
<b>Unit – 3 1 Credit</b>	Internet Searching and Web Searching: Searching of information on two subjects using various search strategies: Basic, Advanced, Truncation, wild card, pearl citation, Google scholar, N-list etc. Content management software
<b>Unit – 4 1 Credit</b>	Web Page Designing Open a page, create a new page, and give pages a consistent look, (eg.-themes), add page elements (eg. Page banner), create hyperlinks.

### **ML – 204 PROJECT**

The 80 marks for Project and 20 marks for viva, Internal and external examiners shall assign marks out of 80 for project and 20 for viva-voce.

#### **GUIDELINES:**

1. Out of 100 marks of theory paper, 80 marks are allotted for theory paper and 20 marks are for internal assessments. These 20 marks are for –
  - a) Assignment 10 Marks
  - b) Seminar 10 Marks
2. Paper No. ML- 203 Library Networks and Digital Library: Application practical: (80+20=100 Marks). These 100 marks are divided as:
  - a) External Examination (80 Marks)**
    - i) Using LibSys/SLIM/SOUL or any other locally available library software : 20Marks
    - ii) CD-ROM Searching/Digitization of document : 20Marks
    - iii) Internet Searching and Web Searching : 20Marks
    - iv) Web Page Designing : 20Marks
  - b) Internal Examination (20 Marks)**

- i) Creation and maintenance of bibliographic database : 05 Marks
- ii) Study of CD-ROM Databases or Online Databases : 05 Marks
- iii) Digitization of documents and Record : 05 Marks
- iv) Creation of web page using HTML and publishing over internet explorer : 05 Marks

**3. Note: \*For Elective Papers:**

- i) The Semester-II theory part shall consist of TWO theory papers including ONE elective paper out of three elective papers.
- ii) THREE elective papers {ML-202 (A), ML-202 (B), and ML-202 (C), have been given in the syllabus.
- iii) Students need to offer any ONE selective paper out of THREE elective papers.
- iv) The Department of Library and Information Science, Sant Gadge Baba Amravati University, Amravati and its affiliated Colleges running this course, may offer either ONE or more than ONE elective papers to the M.L.I.Sc. students depending upon the available expertise, resources etc.
- v) Minimum number of students for each elective paper should not be less than FIVE students.

M.Lib. & Inf. Sci.  
Semester-I & II

Prospectus No.20171821

संत गाडगे बाबा अमरावती विद्यापीठ

SANT GADGE BABA AMRAVATI UNIVERSITY

आंतर विद्याशाखीय अभ्यास विद्याशाखा

( FACULTY OF INTER-DISCIPLINARY STUDIES )

अभ्यासक्रमिका

ग्रंथालय व माहिती विज्ञान पारंगत, सत्र १ व २

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SANT GADGE BABA AMRAVATI UNIVERSITY  
DIRECTION

No. : 37/2017

Date : 08/09/2017

**Subject : Examinations leading to the Degree of ग्रंथालय व माहितीशास्त्र पारंगत (Master of Library and information Science).**

Whereas, the Ordinance for the Examination leading to the Degree of ग्रंथालय व माहितीशास्त्र पारंगत (Master of Library and Information Science), Ordinance No.1 of 2000, Direction No. 9/2010, 41 of 2010 and Regulation No. 39/2003 are in existence in the University,

AND

Whereas, the then Faculty of Social Sciences has prepared the Draft Scheme of teaching and examinations along with Draft Ordinance / Regulation for the Degree of Master of Library and Information Science (M.L.I.Sc.) as per Semester and Credit & Grade System & referred it to all Board of Studies and the Ad-hoc Committees in the Faculty of Social Sciences,

AND

Whereas, Board of Studies in Library and Information Science in then faculty of Social Sciences recommended the Draft Scheme of teaching and examination along with the Draft provisions for Ordinance / Regulation for the Degree of Master of Library and Information Science as per Semester and Credit & Grade System to the Faculty of Inter-disciplinary Studies,

AND

Whereas, the Hon'ble Vice- Chancellor has approved scheme of teaching and examinations along with provisions of Ordinance / Regulation and the syllabi for the Degree of Master of Library and Information Science under sub-section (7) of Section 12 of the Maharashtra Public Universities Act, 2016 on behalf the Faculty of Inter-disciplinary Studies on 26.5.2017,

AND

Whereas, the Academic Council in its meeting held on 6.6.2017 vide Item No. 43 has accepted the above recommendations of the Faculty of Inter-disciplinary Studies which is to be implemented from the Academic Session 2017-2018,

AND

Whereas, the above schemes of teaching and examinations and provisions are to be regulated by framing the Ordinance / Regulation,

AND

Whereas, making Ordinance / Regulation is a time consuming process.

Now, therefore I, Dr. Murlidhar Chandekar, Vice-Chancellor, Sant Gadge Baba Amravati University, Amravati in exercise of powers conferred upon me under Sub-section (8) of Section 12 of the Maharashtra Public Universities Act, 2016 do hereby direct as under :-

1. This Direction may be called, "Examinations leading to the Degree of ग्रंथालय व माहितीशास्त्र पारंगत (Master of Library and information Science) (Semester & Credit Grade System) Direction, 2017".
2. This Direction shall come into force from the Academic Session 2017-2018.
3. There shall be Two Examinations of Master of Library and information Science, Semester-I & II held at the end of each Semester.
4. The Examinations of Master of Library and information Science Semester-I & II shall be held at such places and on such dates as may be appointed by the Board of Examinations and Evaluation.
5. The Duration of each Semester shall be of Six Months.
6. Subject to his/her compliance with the provisions of this Ordinance and of any other Ordinances in forces from time to time an applicant for admission to this examination shall –
  - (i) have been admitted to the ग्रंथालय व माहितीशास्त्र पारंगत (Master of Library and Information Science) (M.L.I.Sc.) Degree of the University.
  - (ii) have since passing the examination to the Bachelor of Library and Information Science (B.L.I.Sc) (ग्रंथालय व माहितीशास्त्र स्नातक) Degree, prosecuted a regular course of study, for the examination for not less than one academic year in the University Department of Library & Information Science or any other recognized Institution.
7. The examination in Master of Library and Information Science for each semester will have 06 theory subjects and 02 Practical Subject. Each theory paper will have maximum 80 marks and 20 marks



for Internal Assessment. Minimum Passing Marks in each theory, practical and internal paper will be 40% separately.

8. An applicant for admission to an examination specified in Paragraph 3) shall prosecute a regular course of study in courses prescribed for the examination concerned for not less than one semester in a particular semester in a College affiliated to the University.
9. The Examinations shall consist of the subjects as indicated in the Scheme of Examinations as per Appendix - 'A'.

**Explanation :**

- i) While calculating 2/3<sup>rd</sup> heads of passing, fraction if any shall be ignored,
  - ii) For considering the heads of passing, every theory and every practical/Internal shall be considered as separate head of passing.
10. Without prejudice to the other provisions of Ordinance No. 6 relating to the Examination in General, the provisions of Paragraphs 5, 7, 8, 10, 27, 31, 32 & 33 of the said Ordinance shall apply to every Collegiate candidate.
  11. The fees for each examination and practical examination shall be as prescribed by the University, from time to time.
  12. The Scheme of Teaching & Examination, Credits to be given with the maximum marks allotted to the Practical / Internal Examination in each paper, the written part and the Practical part for each of the two examinations and computation of SGPA and CGPA, shall be as indicated in concerned Annexures.
  13. (i) The scope of the subjects shall be as indicated in the Syllabus.  
(ii) The medium of instructions shall be English and question paper shall be set in English.
  14. The examinees shall submit their dissertation within 15 days after theory examination of Second Semester.
  15. The Head / Principal shall maintain in his office a complete record of marks obtained by the candidate in the sessional. He shall send it to the University in a sealed cover the final marks in sessional examination obtained by every applicant.
  16. For Internal Examination of 20 Marks, the concerned subject teacher shall assess the students on the following points.
    - 1) Class Attendance - 05 Marks
    - 2) Unit Test, Seminar and Assignments - 15 Marks.
  17. If a student fails in an examination his marks of Internal / Sessional Assessment Theory/Practical of the Examination shall be carried over for the next examination.
  18. Provisions of Ordinance No. 18 of 2001 relating to "An Ordinance to provide grace marks for passing in a Head of passing and Improvement of Division (Higher Class) and getting distinction in the subject and condonation of deficiency of marks in a subject in all the faculties prescribed by the Statute No.18", shall apply to the examinations under this Ordinance.
  19. As soon as possible after the examinations, the University shall publish result of the examinees and merit list shall be notified as per Ordinance No.6.
  20. An examinee who does not pass; or who fails to present himself/herself for the examination shall be eligible for readmission to the same examination/semester, on payment of fresh fees and such other fees as may be prescribed by the University.
  21. Notwithstanding anything to the contrary in this Ordinance, no person shall be admitted to this examination, if he has already passed this examination or an equivalent examination of any other Statutory University.
  22. A candidate who could not complete a semester satisfactorily or who has failed will be eligible for readmission to the same semester. However readmission to semester should be allowed only when a regular session is running for the particular semester.
  23. The existing Ordinance / Directions of the course shall be applicable to the students who have already sought their admission as per its provisions and shall repealed after exhausting the chances given by the University.
  24. (i) The successful examinees shall be eligible for award of the Degree of ग्रंथालय व माहितीशास्त्र पारंगत (Master of Library and Information Science) on payment of the prescribed fees.  
(ii) The Degree certificate in the prescribed form shall be signed by the Vice-Chancellor.

Date : 08/09/2017.

Sd/-  
Dr. Murlidhar Chandekar  
Vice-Chancellor,  
Sant Gadge Baba Amravati University.



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SEMESTER-II



**Annexure-B**  
**Credit-grade based performance and assessment system (CGPA)**  
**Features of the Credit System**

**A) DEFINITION**

- 1) **Credit Based Semester System (CBSS):** Under the CBSS, the requirement for awarding a degree or diploma or certificate is prescribed in terms of number of credits to be completed by the students.
- 2) **Credit Point:** It is the product of grade point and number of credits for a course.
- 3) **Credit:** A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week.
- 4) **Cumulative Grade Point Average (CGPA):** It is a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.
- 5) **Grade Point:** It is a numerical weight allotted to each letter grade of a 10 point scale.
- 6) **Letter Grade:** It is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.
- 7) **Programme:** An educational programme leading to award of a Degree, diploma or certificate.
- 8) **Semester Grade Point Average (SGPA):** It is a measure of performance of work done in a semester. It is ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.
- 9) **Semester:** Each semester will consist of 15-18 weeks of academic work of academic work equivalent to 90 actual teaching days. The odd semester may be scheduled from July to December and even semester from January to June.
- 10) **Transcript or Grade Card or Certificate:** Based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The grade certificate will display the course details (code, title, number of credits, grade secured) along with SGPA of that semester and CGPA earned till that semester.

**B) LETTER GRADES AND GRADE POINT:**

1. The UGC recommends a 10-point grading system with the following letter grades as given below:

**Grades and Grade Points**  
**TABLE-I**

Grade	Description	Range of Marks obtained out of 100 or equivalent fraction	Grade point
O	Outstanding	90-100	10
A+	Excellent	80-89	9
A	Very Good	70-79	8
B+	Good	60-69	7
B	Above average	55-59	6
C	Average	50-54	5
P	Pass	40-49	4
F	Fail	Below 40	0
Ab	Absent	Ab	0

2. A student obtaining Grade F shall be considered failed and will be required to reappear in the examination.
3. For non credit courses 'Satisfactory' or 'Unsatisfactory' shall be indicated instead of the letter grade and this will not be counted for the computation of SGPA/CGPA.

**C) COMPUTATION OF SGPA AND CGPA :**

Based on the Grade Point obtained in each subject, Semester Grade Point Average (SGPA) and then Cumulative Grade Point Average (CGPA) are computed as follows;

**i) Computation of SGPA :**

The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.

$$SGPA (S_i) = \sum (C_i \times G_i) / \sum C_i$$

Where,  $C_i$  is the number of credits of the  $i$ th course and  $G_i$  is the grade point scored by the student in the  $i$ th course.

- ii) Computation of CGPA :** CGPA of the course shall be as prescribed by the University.



- iii) Equivalence of the conventional division/class with the CGPA in final semester is in accordance with the following table 2.

Equivalence of Class/Division to CGPA

TABLE-2

Sr. No.	CGPA	Class/Division
1.	7.5 or more than 7.5	First Class with Distinction
2.	6.00 or more but less than or equal to 7.49	First Class
3.	5.50 or more but less than or equal to 5.99	Higher Second Class
4.	5.00 or more but less than or equal to 5.49	Second Class
5.	4.00 or more but less than or equal to 4.99	Pass

- D) Degree will be awarded on the basis of the performance of CGPA of the course.

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SYLLABUS FOR ONE YEAR MLISc WITH SEMESTER PATTERN AND CREDIT SYSTEM

1. **Title of course:** Master of Library and Information Science (M.L.I.Sc.)
2. **Duration of the Course:** One year (Two Semesters credit system)
3. **Objectives of the Course:** Master of Library and Information Science (M.L.I.Sc.) of one year duration with semester and credit system has following objectives:-
  - a) To train the students in the advanced skills of information/knowledge gathering, processing, organization and retrieval.
  - b) To include managerial skills in the students for planning and management of LICs.
  - c) To develop research skills in students and enable them to carry out research in LIS.
  - d) To provide thorough understanding of IT application in information environment including network and communication systems.
4. **Eligibility:** A candidate who has secured B.L.I.Sc. degree from any Indian University with at least 40% marks.
5. **External Students:** This course is not open to external students. Only full time regular students are eligible for this course.
6. **Structure of the Course:**

Semester – I

Paper No./Code	Title of the Paper	Marks		Total Marks
		External	Internal	
ML-101	Management of Libraries and Information Centers	80	20	100
ML-102	Information Communication	80	20	100
ML-103	Information Storage and Retrieval	80	20	100
ML-104	Library Networks	80	20	100
ML-105	Research Methodology	80	20	100
ML-106	<b>*TWO Elective Papers</b>	80	20	100
	A) Health Science Information System B) Agricultural Information System			
ML-107	Library Networks and Digital Library (Practical)	80	20	100
ML-107 (A)	Viva-Voce			50
ML-108	Term Work			50
Total Marks				800

Semester – II

Paper No./Code	Title of the Paper	Marks		Total Marks
		External	Internal	
ML-201	Marketing of Information Products and Services	80	20	100
ML-202	Computer Generated Indexes and Retrieval Techniques	80	20	100
ML-203	Information Analysis, Repackaging and Consolidation	80	20	100
ML-204	Digital Libraries	80	20	100
ML-205	Statistical Techniques for Report Writing	80	20	100
ML-206	<b>*TWO Elective Papers</b>	80	20	100
	A) Engineering and Technological Information System B) Legal Information System			
ML-207	Project Report			100
ML-207(A)	Viva-Voce			50
ML-208	Term Work			50
Total Marks				800
Grand Total (Sem-I + Sem-II)				1600

**Note: \*For Elective Papers:**

- i) The Semester-I & II theory part shall consist of TWO elective papers.
  - ii) TWO elective papers (ML-106 (A) & ML-106 (B) in Semester I and TWO elective papers (ML-206 (A) & ML-206 (B) in Semester II have been given in the syllabus.
  - iii) Students need to offer any ONE elective paper out of TWO elective papers.
  - iv) The Department of Library and Information Science, Sant Gadge Baba Amravati University, Amravati and its affiliated Colleges running this course, may offer either ONE or more than ONE elective papers to the M.L.I.Sc. students depending upon the available expertise, resources etc.
  - v) Minimum number of students for each elective paper should not be less than FIVE
- a) **Medium of Instruction:** English (The medium of instruction shall be in English and the question paper shall be set in English)
  - b) **Medium of writing examination:** English and Marathi



7. **University Terms:** For the award of Master of Library and Information Science (M.L.I.Sc.) a candidate should fulfill the following conditions:-
- A student should have attended at least 75% of the total number of lectures and practicals in the said course, and shall have secure at least 40% of marks in theory, practical and term work. A student, who does not thus obtain 40% of marks in the theory, practical and term work, will have to keep fresh terms.

8. **Examination:-**

A) **Total marks and their allocation per paper:**

Semester I	Six Theory Papers	600 Marks
	One Practical paper	100 Marks
	ML-107 (A) Viva-Voce	50 Marks
	ML-108: Term work	50 Marks
	<b>Total</b>	<b>800 Marks</b>
Semester II	Six Theory Papers	600 Marks
	Project	100 Marks
	ML-207(A) Viva-Voce	50 Marks
	ML 208: Term work	50 Marks
	<b>Total</b>	<b>800 Marks</b>
<b>Grand Total</b>		<b>1600 Marks</b>

A) **Standard of Passing:**

- For passing the M.L.I.Sc. Examination a candidate shall have to secure:
  - Minimum 40% marks in each theory paper and internal
  - Minimum 40% marks each in practical, internal and Viva-Voce.

B) **ATKT Rule:**

- An applicant who has passed Semester-I shall be eligible for admission to Semester-II, subject to ATKT rules.
- Reappearing candidate shall be awarded the actual class based on total marks obtained in the re-examination.

**CERTIFICATE**

**DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE**

Name of the Department/College \_\_\_\_\_

This is to certify that this \_\_\_\_\_ Practical Record is original work done by Mr./Ms./Smt. \_\_\_\_\_ Class \_\_\_\_\_ Semester \_\_\_\_\_ during the academic Year \_\_\_\_\_.

He/She has submitted /not submitted the Assignment/Report/Seminar/Group Discussion as prescribed by Sant Gadge Baba Amravati University, Amravati.

Signature of the Teacher \_\_\_\_\_

Signature of the Head of the Department \_\_\_\_\_

Signature of the External Examiner \_\_\_\_\_

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9. **Pattern of Question Paper on the unit system:**

A. **Theory:**

The pattern of question paper as per unit system will be broadly based on the following pattern.

- Syllabus has been divided into units equal to the number of question to be answered in the paper. On each unit there will be a question either a long answer type or a short answer type.
- Number of question will be in accordance with the unit prescribed in the syllabi for each paper i.e. there will be one question on each unit.
- For every question long answer type or short answer type there will be an alternative choice from the same unit. However, there will be no internal choice in a question.
- Division of marks between long answer and short answer type questions will be in the ratio of 40 and 60. There will be Long questions of 16 Marks each on TWO units (32 marks), FOUR shorts questions of 4 marks each on THREE units (48 marks).
- Question paper will be of 80 marks and questions will be asked from all the units of the syllabus.
- Questions paper will consists of five questions and all the questions shall be compulsory.
- The duration of the paper will be three hours.

B. **Practical:**

- Question paper will be of 80 marks and questions will be asked from all the units of the syllabus.
- The duration of the paper will be of Three hours.

C. **Internal Assessment:**

- Internal Assessment Marks shall be allotted on the basis of Assignments, Class Work, Seminars and Observation of Teacher.
- Appropriate record of assignment, class work and seminars shall be kept in the department/college.

D. **VIVA VOCE:**

The Viva Voce exam will be conducted by External Examiner on the basis of practical examination in Library Networks and Digital Library.



**SEMESTER- I**  
**ML-101 MANAGEMENT OF LIBRARIES AND INFORMATION CENTERS**  
**Total Number of Credits = 4**

Unit	Total Number of Credits = 4
Unit – 1	<b>Management:</b> Concept, Definition and Scope, Principles of Scientific Management-Their application to LICs. School of Thoughts: Classical School, Scientific Management School, Human Behavior and Motivation School, Decision Theory School Approaches: Behavioral Approach, Mathematical Approach, Formalistic Approach, and Participative School, Organizational Structure: Concept and Scope
Unit – 2	<b>Planning:</b> Concept, Need and Purpose Steps, Planning of LIC, Forecasting Techniques Strategic Planning, Methods of Planning
Unit – 3	<b>Controlling:</b> Concept, Definitions, Scope and Use in LIC Budgetary and Non-budgetary Control PERT and CPM
Unit – 4	<b>Change Management:</b> Concept of change, Changes in procedures, methods, tools and techniques Problems of Incorporating change Techniques of managing change
Unit – 5	<b>Trends in Management Techniques:</b> Management by Objective (MBO), Management by Organizational Development (MBOD), and Management by Exception (MBE), TQM, SWOT Analysis, Six Sigma, Out Sourcing, Re-engineering, MIS.

**ML – 102 INFORMATION COMMUNICATIONS**

Unit	Total Number of Credits = 4
Unit – 1	<b>Data, Information and Knowledge:</b> Data, Information and Knowledge: Definitions and Conceptual Difference Information Nature and Characteristics Generation of Information and knowledge: Information Transfer Chain Value and Use of Information
Unit – 2	<b>Communication of Information:</b> Information Communication: Concept, and Scope, Information Communication Channels, Models and Barriers, Trends in Scientific Communication, Agencies promoting Communication of Information
Unit – 3	<b>Information Science:</b> Definitions, Objectives and Scope, Growth and development of Library Science Documentation and Information Science Interdisciplinary Nature of Information Science
Unit – 4	<b>Information Programmes, Policies and Acts</b> National Information Policy: Concept, Need and Guidelines, National and International Policy Issues, Information Super Highway, National Information System (NATIS): Concept and Need, Universal Availability of Publication (UAP) Intellectual Property Rights: WIPO and WIPONET, Right to Information, Freedom of Information, Censorship, Fair Use, Data Security.
Unit – 5	<b>Information System and Information Unit</b> National & International Information System: NISSAT, NASSDOC, NISCAIR, DESIDOC, INIS, AGRIS, INSPEC. Information Unit: Aims and Objective, Types and Need of Information Unit, Information Center: Clearing House, Data Centers and Data Banks, Liaison Services, Information Analysis Center, Referral Service Center, Information Call Center.

**ML-103 INFORMATION STORAGE AND RETRIEVAL**  
**Total Number of Credits = 4**

Unit	Total Number of Credits = 4
Unit – 1	<b>Information Storage and Retrieval</b> Concepts, Objectives, Functions and Components of Information Storage and Retrieval Content Analysis: Concept, Need, Scope and Steps in Content Analysis, Methods of Content Analysis
Unit – 2	<b>Document Representation and Document Description:</b> Document Description: Principles and Practice Standards for bibliographic description at National and International level



	Current Trends in Standardization and Information Exchange Trends in Information Retrieval Models
<b>Unit – 3</b>	<b>Subject Indexing:</b> Concept, Objectives, Functions and Need of Index History and Development of Subject Indexing
<b>Unit – 4</b>	<b>Indexing Models:</b> Pre-co-ordinate Indexing: Chain Indexing, PRECIS, POPSI Post-Co-ordinate Indexing: Uniterm Indexing; Zatocoding system; Optical coincidence methods (Peek-a-Boo-system)
<b>Unit – 5</b>	<b>Indexing Languages:</b> Characteristics and Types Vocabulary Control: Natural and Control Language, Semantic and Syntax Subject Heading Lists: LCSH, SLSH, Thesaurus: Purpose, Function and Structure, Steps in construction of Thesaurus. Thesaurofacet and Classarus.

#### ML – 104 LIBRARY NETWORKS

Unit	Total Number of Credits = 4
<b>Unit – 1</b>	<b>Library Networks:</b> Library Networks: Concept and Definition Aims and Objective of Library Network Need of Library Networks, Uses of Library Network, Pre-requisites for Network Organization
<b>Unit – 2</b>	<b>Network Services:</b> Types of Network Services, Importance of Network Services Types of Networks: DELNET, INFLIBNET, BONET, ERNET, NICNET, JANET, BLAISE, OCLC.
<b>Unit – 3</b>	<b>Resource Sharing and Consortia:</b> Concept and Needs, Modern Trends in Resource Sharing Consortia: Concept, Definitions, Benefits and Limitations Types of Consortia, International Initiatives – FORSAA Indian Initiatives – UGC-INFONET, J-Gate, INDEST, CSIR e-journal consortium
<b>Unit – 4</b>	<b>Web Technologies in Libraries:</b> WEBOPAC, Web 2.0 Functions and Features, Web 2.0 Tools and Their application in Libraries: RSS Feed, Weblogs, PODCASTS, Instant Messaging, Flicker, Wikis and Social Networking
<b>Unit – 5</b>	<b>Creation of Web Documents:</b> Website Designing, Markup Languages: SGML, HTML and XML Website Designing Languages-HTML, Contents of Library Web page, Website Evaluation Criteria

#### ML-105 RESEARCH METHODOLOGY

Unit	Total Number of Credits = 4
<b>Unit – 1</b>	<b>Research:</b> Concept, Meaning, Need and Purpose of Research Types of Research-Fundamental and Applied including Interdisciplinary and Multidisciplinary Research Research in Librarianship: Need, Nature and History, Areas of Research in LIS
<b>Unit – 2</b>	<b>Research Design:</b> Research Design: Objectives and Steps in Research Design, Types of Research Design, and Characteristics of a Good Research Design Research Problem: Identification and Formulation of Research Problem, Selection of Research Problem, Hypothesis: Need, Purpose and Characteristics, Types of Hypothesis Designing of Research Proposal
<b>Unit – 3</b>	<b>Research Methods:</b> Research Methods: Scientific Methods, Historical Methods, Descriptive Methods, Survey Methods, Case Study Methods, Experimental Method and Delphi Techniques
<b>Unit – 4</b>	<b>Research Techniques and Tools:</b> Data Collection Techniques: Primary and Secondary Data Collection Tools: Questionnaire, Schedules, Interview, Observation Scales, Check Lists, Library Records and Reports
<b>Unit – 5</b>	<b>Sampling Techniques:</b> Concept, Meaning and Purpose of Sampling Sampling Techniques: Types, Purpose and Steps in Sampling



**ELECTIVE PAPERS**  
**ML-106(A) HEALTH SCIENCE INFORMATION SYSTEM**

Unit	Total Number of Credits = 4
<b>Unit – 1</b>	<b>Health Science Education and Health Science Libraries:</b> Growth and Development of Health Science (Medical and Paramedical) Education and Research in India Role of libraries in Health Science Education, Research and Extension Recent Growth and Development of Health Science Libraries in India Information Policies in Health and Family Welfare
<b>Unit – 2</b>	<b>Health Science Information Sources and Services:</b> Specialized Collections and Information Sources (Print & Electronic) Health Science Information Center- National and International Information Services and Products in Health Science National and International Health Science Databases
<b>Unit – 3</b>	<b>Organizations Health Science Libraries and Information Centers:</b> Information Management: Concept and Principles Collection Management, Information Organization, Processing and Dissemination Developing need based and on-demand specialized services.
<b>Unit – 4</b>	<b>Information Needs:</b> Information Needs: Concept, Definitions and Purpose Information Requirement of Faculty, Researcher and Scientist User Studies and Survey of Local Health Science Libraries User Studies and Survey of Regional Health Science Libraries
<b>Unit – 5</b>	<b>Management of Health Science Information Systems and Networks:</b> Current Trends in Health Science Information Systems and Networks Human Resource Development- Staffing, Training and Professional Skills Resources Sharing and Networking in Health Science Libraries in India Professional and Research Association engaged in Medical and Health Sciences

**ML-106(B) AGRICULTURAL INFORMATION SYSTEM**

Unit	Total Number of Credits = 4
<b>Unit – 1</b>	<b>Agricultural Education and Agricultural Libraries:</b> Growth and Development of Agricultural Education and Research in India Role of Libraries in Agricultural Education, Research and Extension Development of Agricultural Libraries in India, Information Policies in Agricultural Science
<b>Unit – 2</b>	<b>Agricultural Information Sources and Services:</b> Specialized Collections and Information Sources (Print & Electronic) Information Services and Products in Agricultural Science Agricultural Information Centers-National and International National and International Agricultural Databases
<b>Unit – 3</b>	<b>Organization of Agricultural Libraries and Information Centers:</b> General Principles of Information Management Collection Management Information Organization, Processing and Dissemination Developing need based and on demand specialized services
<b>Unit – 4</b>	<b>Information Needs:</b> Information Needs: Concept, Definitions and Purpose Information Requirement of Agricultural Faculty and Researchers User Studies and Survey of Local Agriculture Libraries User Studies and Survey of Regional Agriculture Libraries
<b>Unit – 5</b>	<b>Management of Agricultural Information Systems and Networks:</b> Current Trends in Agricultural Systems and Networks, Human Resource Development- Staffing, Training and Professional Skills Resources Sharing and Networking in Agricultural Libraries in India, Professional and Research Association engaged in Agricultural Sciences.

**ML – 107 LIBRARY NETWORKS AND DIGITAL LIBRARY: (PRACTICAL)**

Unit	Total Number of Credits = 4
<b>Unit – 1</b> <b>1 Credit</b>	Internet Searching and Web Searching: Searching of information on two subjects using various search strategies: Basic, Advanced, Truncation, wild card, pearl citation, Google scholar, N-list etc.



	Content management software
<b>Unit – 2</b> <b>1 Credit</b>	CD-ROM Searching / CD search: study of minimum 5 CDs (text, graphic), E-mail, Digitization of documents (scanning, OCR etc.)
<b>Unit – 3</b> <b>1 Credit</b>	Using Digital Library Software Open Source Software : Greenstone, DSpace etc. Create and build digital Library using any open Source Digital Library Software including Articles, graphics, videos etc.
<b>Unit – 4</b> <b>1 Credit</b>	Web Page Designing Open a page, create a new page, and give pages a consistent look, (eg.-themes), add page elements (eg. Page banner), create hyperlinks.

**ML-107 (A) VIVA VOCE** –Viva based on Library Networks and Digital Library practical.

1. Paper No. ML- 107 Library Networks and Digital Library: Practical: (80+20=100 Marks). These 100 marks are divided as:

**a) External Examination (80 Marks)**

- i) Searching Journal articles and e-books on Internet using Boolean operators, databases etc. : 20Marks
- ii) CD-ROM Searching/Digitization of document : 20Marks
- iii) Internet Searching and Web Searching Using Digital library software-Creation and build Digital Library using any open source Digital Library Software: 20Marks
- iv) Web Page Designing : 20Marks

**b) Internal Examination (20 Marks)**

Maintaining Records of :

- i) Snapshots of Installation and creation of Digital Library : 05 Marks
- ii) Study of CD-ROM Databases or Online Databases : 05 Marks
- iii) Digitization of documents and Record : 05 Marks
- iv) Creation of web page using HTML and publishing over internet explorer: 05 Marks

**c) ML 107 (A) VIVA VOCE : (50 Marks)**

Based on the Practical Exam-The external examiner will conduct the viva voce at the time of Practical exam.

**ML 108 TERM WORK: (50 Marks)**

**Term work includes** -Seminars, Group discussions, Downloading and indexing of 25 free e-books.

## SEMESTER – II

### ML-201 MARKETING OF INFORMATION PRODUCTS AND SERVICES

Unit	Total Number of Credits = 4
<b>Unit – 1</b>	<b>Marketing of Information Services and Products:</b> Concept of Marketing, Marketing for Non-profit Organization, Market Analysis, Market Research and Market Trend, Marketing Services, Marketing Ethics, Marketing Management and Librarianship: Past, Present and Future.
<b>Unit – 2</b>	<b>Pricing, Promotion and Evaluation of Information Product</b> Pricing of Information Services and Products Marketing Tools, Promotion of Products, Branding and Advertising, Evaluation of Information Services and Products.
<b>Unit – 3</b>	<b>System Analysis and Design</b> System Approach: Concept, System Analysis, Library as a system, System Design: System Design Process, Project Management, Time and Motion Study: Time Management, Work Study, Work Measurement
<b>Unit – 4</b>	<b>Management Consultancy</b> Definition of Consultancy, Concept Professional Consultancy: Concept and Evolution, Areas of Application, Need, Pre-requisites, Provision, Impact on Librarianship and Library Information Center
<b>Unit – 5</b>	<b>Organization Development and Effectiveness</b> Organizational Development: Concept, Scope and Objectives Organizational Effectiveness: Concept and Need, Organizational Change: Concept and Need, Effectiveness and Development Skills of Change Agent, Organization Climate and Culture



**ML-202 COMPUTER GENERATED INDEXES AND RETRIEVAL TECHNIQUES**

Unit	Total Number of Credits = 4
<b>Unit – 1</b>	<b>Computer Generated Indexes</b> Role of computer in generation of Indexes. Manual vs Computerized Indexes Computer base Indexing System: KWIC, KWOC etc. Citation Indexing
<b>Unit – 2</b>	<b>Search Process:</b> Search Strategy: Concept and Steps Search Strategies in Computer Generated Indexing System Offline and Online Information Retrieval Techniques Natural Language Processing and their Retrieval
<b>Unit – 3</b>	<b>Evolution and Trends:</b> Evolution of Information Retrieval Techniques Recent Trends in Information Retrieval System
<b>Unit – 4</b>	<b>Information and Knowledge Management:</b> Concept, Scope and Nature of Information Management Steps in Information Management Knowledge Management: Concept and Need of Knowledge Management Types of Knowledge: Tacit and Explicit Tools and Techniques of Knowledge Management
<b>Unit – 5</b>	<b>Bibliographical Control:</b> Concepts and Need of Bibliographical Control Historical Development of National and Universal Bibliographical Control Role of UNESCO and IFLA in Bibliographical Control Bibliography of Non-documentary Sources: Need and Functions

**ML – 203 INFORMATION ANALYSIS, REPACKAGING AND CONSOLIDATION**

Unit	Total Number of Credits = 4
<b>Unit – 1</b>	<b>Information Analysis:</b> Concept, Definitions and Need, Methods of Information Analysis Abstract and Abstracting: Definitions and Need, Types of Abstract, Techniques of Abstracting, Steps in Abstracting, Standard and Guidelines for Preparation of Abstract
<b>Unit – 2</b>	<b>Information Repackaging:</b> Concept and Need of Repackaging. Repackaging and Formatting, Agencies dealing with Repackaging of Information, Electronic Content Creation: Meaning, Need, Objectives and Techniques CAPS: Definition, Concept and Importance
<b>Unit – 3</b>	<b>Information Consolidation</b> Definition and Concept of Information Consolidation Objectives and Need of Information consolidation Value and benefits of Consolidation. Methods of Information Consolidation Pre-requisites and Stages/Steps in the Preparation of Information consolidation. Tools for Consolidation
<b>Unit – 4</b>	<b>Information Consolidation Products (ICP)</b> Nature of Information Consolidation Product, Design and Development of ICP. Types of Information Consolidation Product: User Manual, Indexes, Bibliographies, Union Catalogues, Abstract Bulletin, Library Bulletin, Trend Report, State of the Art etc.
<b>Unit – 5</b>	<b>Information Analysis and Consolidation Centers:</b> Information Analysis and Consolidation Centers: Genesis, Types, Functions and Activities Planning and Management of Information Analysis and Consolidation Centers: Policy formulation, Management and Resource needed Recent Trends in Information Analysis and Consolidation

**ML-204 DIGITAL LIBRARIES**

Unit	Total Number of Credits = 4
<b>Unit – 1</b>	<b>Digital Library:</b> Digital library: Definition, Objectives, Scope, and Services History of Digital Libraries Electronic Library: Development and Services Virtual Library: Development and Services



<b>Unit – 2</b>	<b>Building Digital Libraries:</b> Pre-requisites for building of Digital Library, Digitization Process, Challenges, Digitization Hardware and Software, OCR, Image Editing Software, Open Source Software for Digitization: D-Space, Green Stone, Fedora and E-print.
<b>Unit – 3</b>	<b>Design and Organization of Digital Library:</b> Collection Development (e-Books, e-Journals etc.), Organization and Preservation of Digital Material, Data Warehousing and Data Mining, Metadata: Nature, Standards (Dublin Core), Creation and Standards.
<b>Unit – 4</b>	<b>Digital Rights Management:</b> Digital Rights Management: Concept and Need Digital Millennium Copyright Act IPR issues in Digitization, Fair Use (Fair Deal) of use of Digital Information, Plagiarism and Copyright Infringement Cyber Crimes and Cyber Laws
<b>Unit – 5</b>	<b>Digital Library Initiatives:</b> Digital Library Initiatives World Wide, Digital Libraries Initiatives in India, Open Access Movement, Case study of selected Digital Libraries: Digital Library of India, National Digital Library, California Digital Library, and Alexandria Digital Library. Institutional Repositories, ETD Repositories.

### ML-205 STATISTICAL TECHNIQUES FOR REPORT WRITING

Unit	Total Number of Credits = 4
<b>Unit – 1</b>	<b>Data analysis, Methods and Tools:</b> Descriptive Statistics: Measures of Central Tendency, Mean, Mode, Median Measures of Central Tendency: Standard Deviation Measures of Dispersion, Variance and Covariance
<b>Unit – 2</b>	<b>Data Presentation:</b> Tabulation and Generalization, Graphical presentation of data: bar, pie-line graphs, Histograms etc. Testing of Hypothesis using Statistical Test: Chi-square, T-Test, Z-Test
<b>Unit – 3</b>	<b>Research Reporting:</b> Research Reporting: Structure, Style and Contents Presentation of Findings Citation of Print, Electronic and Internet Sources using Style Manual: Chicago, APA, and Harvard. Writing Research Report, Qualities of Good Research Report
<b>Unit – 4</b>	<b>Research Ethics and Trends:</b> Ethical aspects of Research, Qualities of a Good Researcher Statistical Packages: SPSS and MICROSTAT Current Trends in LIS Research
<b>Unit – 5</b>	<b>Bibliometrics, Scientometrics and Informetrics:</b> Bibliometrics: Concept and Definition Bibliometric Laws: Lotka's Law, Bradford's Law, Zipf's Law Bibliographic Coupling, Obsolescence, Citation Studies, Impact Factor (H-Index) Scientometrics, Informetrics, Webometrics: Concept and Definition

### ML-206 (A) ENGINEERING AND TECHNOLOGICAL INFORMATION SYSTEM

Unit	Total Number of Credits = 4
<b>Unit – 1</b>	<b>Engineering Education and Engineering Libraries:</b> Growth and Development of Engineering Education and Research in India. Role of Libraries in Engineering Education, Research and Extension. Development of Engineering and Technological Libraries in India. Information Policies in Engineering and Technology.
<b>Unit – 2</b>	<b>Engineering Information Sources and Services:</b> Specialized Collections and Information Sources (Print & Electronic) Information Services and Products in Engineering and Technology Engineering and Technological Information Centers-National and International, National and International Databases for Engineering Technology
<b>Unit – 3</b>	<b>Organization of Engineering and Technological Information Centers:</b> Principles of Information Management Collection Management Information Organization, Processing and Dissemination Developing need based and on demand specialized services



Unit – 4	<b>Information Needs</b> Information Needs: Concept, Definitions and Purpose Information Requirement of Engineering Faculty, Researchers and Engineers User Studies and Survey of Local Engineering and Technological Libraries User Studies and Survey of Regional Engineering and Technological Libraries
Unit – 5	<b>Management of Engineering and Technological Information Systems and Networks:</b> Current Trends in Engineering and Technological Systems and Networks. Resources sharing and Networking in Engineering and Technological Libraries in India. Professional and Research Association engaged in Engineering and Technology

#### ML-206 (B) LEGAL INFORMATION SYSTEM

Total Number of Credits = 4

Unit	
Unit – 1	<b>Law Librarianship :</b> Growth and Development of Legal Institutions in India. Nature, Principles and characteristics of legal Information and law libraries Types of law libraries
Unit – 2	<b>Legal Information Sources and Services:</b> Special Information Sources: Bills, Acts, Books, Serials, law Reports, Law Court Notices, Law Case Amendments Tribunal Report, law Digests, Legal judgments, delegated legislation.
Unit – 3	<b>Organization of Law Libraries and Information Centers:</b> Principles of Information Management Collection Management Information Organization, Processing and Dissemination Developing need based and on demand specialized services
Unit – 4	<b>Information Needs</b> Information Needs: Concept, Definitions and Purpose Information Requirement of faculty in legal institutions Information Requirement of lawyers and legal professionals User Studies and Survey of Local law libraries and preparation of report.
Unit – 5	<b>Management of Legal Information Systems and Networks:</b> Management of Law Libraries and Information Centres Human Resource Development-Staffing, Training Professional Skills Financial Management-Budgetary Provision, Resource Generation, extra finance, programs and projects. Current Trends in Legal Information Systems and Networks, Resources sharing and Networking in Law Libraries in India, Professional Association engaged in Legal Studies.

#### ML – 207: PROJECT

The 100 marks for Project valuation and 50 marks for viva, External examiners shall assign marks out of 100 for project and 50 for viva-voce.

#### ML 208: TERM WORK: (50 Marks)

Term work includes –Seminars, Creation and development of E-learning Modules

#### Recommended Books:

##### ML-101 and ML-201

- Anderson, A. H. and Barker D. Effective Enterprise and Change Management Oxford: Blackwell Publisher Limited, 1996.
- Aswathappa, K. Human Resources and Personnel Management. New Delhi: Tata McGraw- Hill, 1997.
- Baker, David. The Strategic Management of Technology: A guide for Library and Information Services. Oxford (UK): Chandos Publishing, 2004.
- Drucker, Peter F. The Practice of Management, New York: Holt, Rienchart and Wirston, 1958.
- Evans, Edward G. Management Techniques for Librarians. 2<sup>nd</sup> Ed. New York: Academic Press, 1982.
- Fayol, Henri, General and Industrial Management. Tr. By Constance Stores. London: Pitman, 1949.
- FitzGerald, J and Fitz Gerald, Ardra F. Fundamentals of System Analysis. 3<sup>rd</sup> Ed. New York: John Wiley, 1987.
- French, W. E. and Bell, C. H. Organizational Development. New Delhi: Prentice-Hall of India, 1995.



- Gupta, D. K. and Jambhekar, Ashok (Ed.). *An Integrated Approach to Services Marketing: A book of reading on making of Library and Information Services*. Mumbai: Allied Publication, 2003.
- Hayes, R. M. *Strategic Management for Academic Libraries: A Handbook*. Westport: Greenwood, 1993.
- Holloway, J. (ed.) *Performance Measurement and Evaluation*. New Delhi: Sage, 1995.
- Koontz, H. and Weithrie, H. *Essentials of Management*. 5<sup>th</sup> Ed. New Delhi: Tata McGraw-Hill Publishing Co. Limited, 1998.
- Kumar, P.S.G. *Management of Library and Information Centers*. New Delhi: B. R. Publication, 2003.
- Lahiri, R. *Management of Libraries of Libraries Concepts and Practices*. New Delhi: Ess-Ess Publication, 1996.
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- Mendonca, M. and Kanungo, R. N. *Work Motivation*. New Delhi: Sage, 1994.
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- Mittal, R. L. *Library Administration: Theory and Practice*. New Delhi: Metropolitan Book Company, 1996.
- Narayanan, G. J. *Library Management and Information Management*. New Delhi: Printice Hall of India, 1991.
- Pawar, B. S. and Vyas, S. D. *Library Management*. New Delhi: B. R. Publishing Corporation, 1986.
- Prytherch, Ray. *Gower Handbook of Library and Information Management*. Aldershot: Gower, 1998.
- Robbins, S. P. *Organizational Behaviour* 7<sup>th</sup> Ed. New Delhi: Prentice Hall of India, 1996.
- Vasisth, N. *Students' Guide to Management*. New Delhi: Taxmann, 2002.
- Wadhawa, R. K. *Management Information System and Corporate Communications*. New Delhi: Kanishka Publishers, 1998.
- White, Herbert S. *Library Personnel Management*. New York: Knowledge Indus Publication, 1985.
- Woodal, Jack Rebutck, Debrorah, K. and Voehl, Frank. *Total Quality in Information Systems and Technology*. New Delhi: Vanity Books, 1998.

#### ML-102 and ML-202

- Ahuja, B. N. and Chhabra, S. S. *Communications*. New Delhi: Surjeet Publication, 1989.
- Babu, B. Ramesh and et.al. *Information Management: Trends and Issues*. New Delhi: Researchco Book Centre, 2003.
- Babu, B. Ramesh and Gopalakrishnan (Ed.) *Knowledge Management: Today and Tomorrow*. New Delhi: Ess-Ess Publication, 2003.
- Babu, B. Ramesh and Gopalakrishnan, S. (Ed). *Information Communication, Library and Community Development*. New Delhi: B. R. Publishing Corporation, 2004.
- Jain, A. K. Bhatia, Pravin S. R. and Sheikh, A. M. *Professional Communication Skills*. New Delhi: S. Chand and Company, 2001.
- Kamala, Vijayan D. and et.al. (Ed). *International Conference on Information Management in a Knowledge Society. Vol.-I*. New Delhi: Allied Publishers, 2005.
- Kamalavijayan, D. *Information and Knowledge Management*. New Delhi: Macmillan India Limited, 2005.
- Kumar, P.S.G. *Fundamental of Information Science*. New Delhi: S. Chand and Company, 1998.
- Kumar, P.S.G. *Information and Communication*. New Delhi: B. R. Publication, 2004.
- Sahib, Singh. *Library and Literacy Movement for National Development*. New Delhi: Concept Publishing Company, 2003.
- Toffer, Alvin. *The Power Shift: Knowledge wealth and violence at the Edge of the 21<sup>st</sup> Century*. New York: Bantam House, 1991.
- Vickery, B. C. and Vickery, A. *Information Science in Theory and Practice*. London: Butterworth, 1987.

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- Bhattacharya, G. *DRTC Annual Seminar on IASLIC: A Review*. (DTRC Annual Seminar. 18, 1981; paper 1A.)
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- Bryson, J. O. *Effective Library and Information Centre Management*. USA: Gower Publishing Company, 1980.
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- Seetharama, S. Costing of Information System and services: Some General Considerations. DTRC Annual Seminar 24, 1990. Paper B.
- Seetharama, S. Evaluation measures in information retrieval system IASLIC conference 1992.
- Seetharama, S. Guidelines for Planning of Libraries and Information Centers. Calcutta: IASLIC, 1990.
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- Seetharama, S. Libraries and Information Canters as Profit Marking Institutions. New Delhi: Ess-Ess Publications, 1998.
- Raju, A A N and Ramaiah, L. S. National Bibliographical Control: Problems and Perspectives. Allied Publishers, 2003.

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- Ackermann, F. and Hartman, K. The Information Specialist's guide to Searching and Researching on the Internet and the World Wide Web. Chicago: Fitzroy Dearborn Publishers, 1999.
- Ali, Amjad. Digital Libraries and Information Networks. New Delhi: Ess-Ess Publication, 2007.
- Arms, William Y. Digital Libraries. Rev. Ed. Ane Books, 2005.
- Asok Babu and Ramaiah, L S. Developing Cyber Libraries. New Delhi: Allied Publisher, 2006.
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- MacEllven, D.T., Campbell, N.A. and Davis, J.N. Legal Research Handbook, 6 th edition. LexisNexis Canada Inc., 2013.
- Demers, Annette L., ed. Legal Information Specialists: a Guide to Building and Launching your Career. LexisNexis Canada Inc., 2012.
- Bianchi, M, Draoli, M., Gambosi, G., Stilo, G. (2009) A Support System for the Analysis and the Management of Complex Ruling Documents, W. Abramowicz and D. Flejter (Eds.): BIS 2009 workshops, LNBIP 37, 292- 303
- Law Librarianship in the Digital Age (2013) Edited by Ellssa Kroski. Scarecrow Lanham, Md. : The Scarecrow Press.

NOTIFICATION

No. 49 /2018

Date : 7<sup>th</sup> June, 2018

Subject : Implementation of Syllabi of Various Courses / Subjects as per Semester and Credit & Grade System in the Faculty of Humanites. from the session 2018-2019 and Onwards.

It is notified for general information of all concerned that, the authorities of the University has accepted Semester Credit & Grade System syllabi of various Courses/ Subjects of M.A. Part-II Semester-III & Semester – IV mentioned in column No.2 and which is to be implemented stagewise from the session 2018-2019 and onwards, with appendices as shown in column No.3 of the following table.

TABLE

Sr.No.	Course / Subjects	Appendices of the New Syllabi
1	2	3.

**M.A.Part-II Semester – III & IV**

- |                      |   |
|----------------------|---|
| 1. English           | The Syllabi prescribed for the Course M.A.Part-II (English) which is appended herewith as <b>Appendix-A</b>             |
| 2. Marathi           | The Syllabi prescribed for the Course M.A.Part-II (Marathi) which is appended herewith as <b>Appendix-B</b>             |
| 3. Hindi             | The Syllabi prescribed for the Course M.A. Part-II (Hindi), which is appended herewith as <b>Appendix-C</b>             |
| 4. Translation Hindi | The Syllabi prescribed for the Course M.A. Part-II (Translation Hindi), which is appended herewith as <b>Appendix-D</b> |
| 5. Sanskrit          | The Syllabi prescribed for the Course M.A. Part-II (Sanskrit) which is appended herewith as <b>Appendix-E</b>           |
| 6. Urdu              | The Syllabi prescribed for the Course M.A.Part-II (Urdu), which is appended herewith as <b>Appendix-F</b>               |
| 7. Pali & Prakrit    | The Syllabi prescribed for the Course M.A.Part-II (Pali & Prakrit), which is appended herewith as <b>Appendix-G</b>     |
| 8. Music             | The Syllabi prescribed for the Course M.A.Part-II (Music), which is appended herewith as <b>Appendix-H</b>              |

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Sd/-  
Registrar  
Sant Gadge Baba Amravati University.



**Appendix-A**

**M.A.II ENGLISH  
Semester- III  
Compulsory/ Core Papers**

- 3.1 Indian Writing in English
- 3.2 Critical Theory

**Elective Papers (Any Two)**

- 3.3 American Literature -I
- 3.4 African, Afro-American, and Latin American Literature
- 3.5 Classical Literature
- 3.6 Pragmatics, Stylistics and Sociolinguistics
- 3.7 Literature and Gender
- 3.8 Shakespearean Studies
- 3.9 Non-Fiction

**M.A.II ENGLISH  
Semester- IV  
Compulsory/ Core Papers**

- 4.1 Indian Writing in English
- 4.2 Critical Theory

**Elective Papers (Any Two)**

- 4.3 American Literature -II
- 4.4 Colonial and Post-Colonial Studies
- 4.5 World Literature in English
- 4.6 English Language Teaching
- 4.7 Cultural Studies
- 4.8 Translation Studies
- 4.9 Alternative Literature

**Internal structure of the Question Paper:**

**Compulsory/ Core Paper-I: Indian Writing in English (Semester-III &IV)**

- 1) There shall be in all Five Compulsory questions.
- 2) The First question in each compulsory/Core paper will be for 'Reference to the Context' on the texts prescribed. There shall be 06 passages/paras/stanzas for explanation/analysis out of which FOUR have to be attempted each carrying 04 marks
- 3) The Second question will have A and B Sections. Section-A comprises Short Notes. Three Short Notes will have to be attempted out of five each carrying 04 marks  
Section-B will be an objective type question to test student's acquaintance with the authors and their works. This Section will carry 07 marks. (Total No. of MCQs 07 x 01=07 Marks)
- 4) The Third question will be Long Answer Question (LAQ) with an Internal choice. The students will have to attempt any One question out of two on Unit 1 carrying 15 marks.
- 5) The Fourth question will be a Long Answer Question on Unit-II. Students will have to attempt any One question out of two carrying 15 marks.
- 6) The Fifth question will also be a Long Answer Question on Unit-III. Students will have to attempt any One question out of two carrying 15 marks.

**Abstract**

1 <sup>st</sup> question Reference to the Context 4 out of 06 = 04 marks each	Total 16 Marks
2 <sup>nd</sup> question A section Short Notes 03 out of 05 = 04 marks each	Total 12 Marks
B section Objective type questions 01 marks each	07 Marks
<b>Total 35 Marks</b>	

- 3<sup>rd</sup> question LAQ Unit 1 One out of Two carrying 15 marks
- 4<sup>th</sup> question LAQ Unit-II One out of Two carrying 15 marks
- 5<sup>th</sup> question LAQ Unit-III One out of Two carrying 15 marks

+ Total 45 Marks

**=Total 80 Marks**

**Compulsory/ Core Paper-II: Critical Theory (Semester-III &IV)**

- 1 There shall be in all SIX Compulsory questions.
- 2 The first question in this paper will be on critical analysis /contextual explanation on the texts prescribed. There shall be 06 passages / paras/ significant statements for explanation/analysis out of which FOUR have to be attempted each carrying 04 marks.
- 3 The Second question will have A and B Sections. Section- A comprises of Short notes. Two Short notes will have to be attempted out of four each carrying 04 marks  
Section-B will be an objective type question to test student's acquaintance with the authors and their works. This Section will carry 06 marks. (Total No. of MCQs 06 x 01=06 Marks)

- 4 The Third question will be Long Answer Question (LAQ) with an internal Choice. The students will have to attempt any One question out of two on Unit 1 carrying 15 marks.
- 5 The Fourth question will be a Long Answer Question on Unit-II. Students will have to attempt any One question out of two carrying 15 marks.
- 6 The Fifth question will also be a Long Answer Question on Unit-III. Students will have to attempt any One question out of two carrying 15 marks.
- 7 The Sixth question will have Two Unseen (1 Poetic and 1 Prosaic) Passages for critical analysis. Students will have to attempt any One question carrying 05 marks.

**Abstract**

1 <sup>st</sup> Question on Close Reading of the critical texts 4 out of 06 = 04 marks each	Total 16 Marks
2 <sup>nd</sup> Question A section Short Notes 02 out of 04 = 04 marks each	Total 08 Marks
B section 06 Objective type questions = 06 (01 marks each)	06 Marks
	<b>Total - 30 Marks</b>
3 <sup>rd</sup> Question LAQ Unit I One out of Two carrying 15 marks	
4 <sup>th</sup> Question LAQ Unit-II One out of Two carrying 15 marks	
5 <sup>th</sup> Question LAQ Unit-III One out of Two carrying 15 marks	
6 <sup>th</sup> Question Two Unseen Poetic and Prosaic Passages 01 out of 02 carrying 05 marks	

Total 50 Marks  
**Total = 80 Marks**

Distribution of Marks for the Internal Assessment

Maximum Marks	Assignment	Seminar with PPT /Viva-Voce /Study Tour with Report Submission
20	10	10

**Elective Papers: [For all Elective papers except 4.8 Translation Studies]**

1. There shall be in all Five Compulsory questions.
2. The first question will have two sections: Section A and Section B.
  - a. Section-A comprises of Short Notes. A candidate will have to attempt any Three Short Notes out of six, each carrying 05 marks.
  - b. Section B will be of Multiple Choice Question each carrying 01 mark.
3. The Second question in the question paper will be a Long Answer Question (LAQ) based on Unit I with an Internal Choice it will carry 15 Marks
4. The Third LAQ (Long Answer Question) will be based on Unit 2 with an Internal choice, carrying 15 marks.
5. The Fourth Long Answer Question (LAQ) will be based on Unit-3 with an Internal choice, carrying 15 marks.
6. The Fifth Long Answer Question (LAQ) will be based on Unit-4 with an Internal choice, carrying 15 marks

**Abstract**

1 <sup>st</sup> question on Section A short Notes 03 out of 06 carrying 05 marks each	15 Marks
Section B Multiple Choice questions	05 marks
Total 05 carrying 01 mark each	Total – 20 Marks
2 <sup>nd</sup> question Unit I LAQ with an Internal choice carrying 15 Marks	15 Marks
3 <sup>rd</sup> question Unit II LAQ with an Internal choice carrying 15 Marks	15 Marks
4 <sup>th</sup> question Unit III LAQ with an Internal choice carrying 15 Marks	15 Mark
5 <sup>th</sup> question Unit IV LAQ with an Internal choice carrying 15 Marks	15 Mark

Maximum Marks	Assignment	Seminar with PPT /Viva-Voce /Study Tour with Report Submission
20	10	10

**For Elective Paper - 4.8 Translation Studies**

- 1) There shall be in all Five Compulsory questions.
- 2) The first question will have two sections, Section A and Section B.
 

Section A comprises of Short Notes . A candidate will have to attempt any three Short Notes out of six each carrying 05 marks.

Section B will be of Multiple Choice Question each carrying 01 mark.

- 3) The Second question in the question paper will be a Long Answer Question (LAQ) based on Unit 1 with an Internal Choice it will carry 15 Marks
- 4) The third LAQ (Long Answer Question) will be based on Unit 2 with an Internal Choice, carrying 15 marks.
- 5) The Fourth Long Answer Question (LAQ) will be based on Unit-3 with an Internal Choice, carrying 15 marks.
- 6) The Fifth Long Answer Question (LAQ) will be based on the *translation* of a Literary Text (unseen prose/Poetry/official document/News article) from Marathi/Hindi to English or English to Marathi/Hindi with an Internal choice, carrying 15 marks

**Abstract**

1<sup>st</sup> question on Section A short Notes 03 out of 06 carrying 05 marks each      15 Marks

Section B Multiple Choice questions      05 marks

Total 05 carrying 01 mark each      Total –      20 Marks

2 <sup>nd</sup> question Unit 1 LAQ with an Internal Choice carrying 15 Marks	15 Marks
3 <sup>rd</sup> question Unit 2 LAQ with Internal Choice carrying 15 Marks	15 Marks
4 <sup>th</sup> question Unit 3 LAQ with an Internal Choice carrying 15 Marks	15 Mark
5 <sup>th</sup> question Unit 4 LAQ with an Internal Choice carrying 15 Marks	15 Mark

Maximum Marks	Assignment	Seminar with PPT /Viva-Voce /Study Tour with Report Submission
20	10	10

**M.A.II**

**3<sup>rd</sup> Semester**

**Compulsory/ Core Papers**

**3.1. Indian Writing in English – Paper I**

**Semester-III**

**Unit I: Historical Background/Prose/Poetics**

- a) The Winds of Change: 1857 to 1920, Independence and After: Poetry, Prose and Drama (from M.K. Naik, *A History of Indian English Literature*, Sahitya Academy, 1982, reprint 2009)
- b) The Gandhian Whirlwind: 1920 to 1947, Independence and After: Fiction, Short Story (from M. K. Naik, *A History of Indian English Literature*, Sahitya Academy, 1982, reprint 2009)
- c) Jawaharlal Nehru – From *Discovery of India*, “The Epics, History, Tradition and Myth”, “The Mahabharat”, The Bhagwat Gita”, “The Old Indian Theatre”
- d) Rabindranath Tagore: *What is Art?*

**Unit II: Poetry-I**

- a) Henry Derozio: 1) The Harp of India, 2) India-My Country 3) To the Pupils of the Hindu College
- b) Toru Dutt: 1) Lakshman 2) The Lotus 3) Our Casuarina Tree 4) Sita
- c) Tagore: Gitanjali ( Poem no.1 to 11, 35, 69, 73, 103)
- d) Sri Aurobindo: 1) The Pilgrim of the Night 2) The Stone Goddess 3) Surreal Science (*An Anthology of Commonwealth Poetry*) edited by C D Narasimhaiah, Macmillan, 1990)
- e) Dom Moraes: 1) Letter to my Mother 2) Future Plans

**Unit III: Novel**

- a) Raja Rao: *Kanthapura*
- b) Khuswant Singh: *Train to Pakistan*
- c) Arundhati Roy: *The God of Small Things*
- d) Amitav Ghosh: *The Shadow Lines*

**Prescribed Texts: For Unit -I**

- M. K., Naik. *A History of Indian English Literature*. New Delhi: SahityaAkademi, New Delhi, 2009.
- G. N., Devy. *Indian Literary Criticism: Theory and Interpretation*. New Delhi:Orient BlackSwan, 2010

**Suggested Readings:**

Mehrotra, A. K. *An Illustrated History of Indian Literature in English*. New Delhi: Permanent Black, 2003.

Mukherjee, Meenakshi. *Twice born fiction*. Arnold-Heinemann Publishers (India), 1974.

Ramakrishnan, E. V. ed. *Narrating India: The Novel in Search of the Nation*. New Delhi: SahityaAkademi, 2005.

Ranveendran, P. P. ‘Genealogies of Indian Literature’. In *Economic and Political Weekly*. Vol. 41. No. 25. June 24-26, 2006.

Jain, Jasbir. Colonial Encounter: Henry Derozio. Mysore: C C L R, 1982.  
Dwivedi A. N. Toru Dutt. New Delhi: Arnold-Heinemann, 1977.  
Anand, Mulk Raj. The Kind Emperor's English or The Role of the English Language in Free India. Bombay: Hind Kitabs, 1947.  
Iyengar, K. R. Srinivasa. Indian Writing in English. Revised edition, New Delhi: Sterling, 1962.  
M. K., Naik. A History of Indian English Literature. New Delhi: Sahitya Akademi, New Delhi, 2009.  
Mulk Raj Anand: Untouchable. New Delhi: Pearson Longman, 2009.  
Amitav Ghosh. The Hungry Tide. New Delhi: Orient Longman, 2000  
Devy, GN. After Amnesia: Tradition and Change in Indian Literary Criticism. Bombay: Orient Longman, 1992. ---. Ed. Indian Literary Criticism: Theory and Interpretation. Hyderabad: Orient Longman, 2002.  
Kapoor, Kapil. Literary Theory: Indian Conceptual Framework. New Delhi: West Press, 1998.  
Limbale, Sharankumar. Towards an Aesthetic of Dalit Literature. Hyderabad: Orient Longman, 2004.  
Mukherjee, Sujit. A Dictionary of Indian Literature. Vol I (Beginnings to 1850). Hyderabad: Orient Longman, 1998.  
---. Towards a Literary History of India. Simla : Indian Institute of Advanced Study, 1975.  
---. Translation as Discovery. 1981. Hyderabad: Orient Longman, 1994.  
---. Translation as Recovery. New Delhi: Pencraft, 2004.  
Paniker, Ayyappa. Indian Narratology. New Delhi: Indira Gandhi Centre for the Arts, 2003.  
Radhakrishnan, S. The Hindu View of Life. 1926. New Delhi: Harper Collins, 2014.  
Rege, Sharmila. Writing Caste, Writing Gender: Reading Dalit Women's Testimonios. New Delhi: Zuban, 2006.  
Satchidanandan, K, ed. Signatures: One Hundred Indian Poets. Rev ed. New Delhi: National Book Trust, 2003.

### 3.2. Critical Theory – Paper II

#### Semester-III

##### Unit I: Classical Theories

Plato: *Republic* (Books -X), and *Ion*  
Aristotle: *Poetics* (Chapter no.1, 2, 3,4, 5, 6,7, 8, 9,23, 24, 25, and 26), *Translated* by S.H. Butcher.  
Horace: *Ars Poetica*  
Longinus: *On the Sublime*

##### Unit II: Neo-Classical and Romantic Theories

John Dryden: *An Essay of Dramatic Poesy*  
Alexander Pope: *An Essay on Criticism* (Part-I & II)  
William Wordsworth: *Preface to Lyrical Ballads*  
Samuel Taylor Coleridge: *Biographia Literaria* (Chapters 12, 13, 14 and 17)

##### Unit III: Victorian, Modern, & Archetypal Theories

Matthew Arnold: *The Functions of Criticism at the Present Time*  
T. S. Eliot: '*Tradition and Individual Talent*' & '*The Metaphysical Poets*'  
I. A. Richards: *The Four Kinds of Meaning*  
Northrop Frye: *The Archetypes of Literature*

##### Prescribed Texts:

- David Lodge: *Modern Criticism and Theory* (Longman :2008) with ISBN-13: 978-0582784543 or ISBN-10: 0582784549
- Lodge, David and Nigel Wood, eds. 1998. *Modern Criticism and Theory: A Reader*. Essex: Pearson Education Limited.
- [Raman Selden](#): *The Theory of Criticism: From Plato to the Present* (Reader) Paperback : 1988
- David Lodge : *Twentieth Century Literary Criticism: A Reader* (Paperback – 1972)
- Waterfield, Robin Plato: *Republic*. Translated, with notes and an introduction. Oxford: Oxford World's Classics. (1994).

##### Suggested Readings:

Bennett, Tony. 1979. *Formalism and Marxism*. London: Methuen.  
Brannigan, John. 1998. *New Historicism and Cultural Materialism*. London: Macmillan.  
Connor, Steven. 1997. *Postmodernist Culture: An Introduction to Theories of the Contemporary*, 2nd edn. Oxford: Blackwell.  
Culler, Jonathan. 1983. *On Deconstruction: Theory and Criticism After Structuralism*. London: Routledge and Kegan Paul.  
Eagleton, Terry. 1976. *Marxism and Literary Criticism*. London: Routledge.  
Gallagher, Catherine and Stephen Greenblatt. 2000. *Practising New Historicism*. Chicago: University of Chicago Press.  
Mulhern, Francis, ed. 1992. *Contemporary Marxist Literary Criticism*. London: Longman.  
Norris, Christopher. 2002. *Deconstruction: Theory and Practice*. New York: Routledge.  
Veesser, H. Aram, ed. 1994. *The New Historicism Reader*. New York: Routledge.  
Humphry House Aristotle's *poetics* (Oxford, 1955).  
Rene Wellek *A History of Modern Criticism, 1750-1950. The Romantic Age* (Jonathan Cape 1955).  
Mary Warnock *Imagination* (Faber, 1976).



J.A.Chapman Wordsworth and Literary Criticism (London, 1931).  
R.L.BretedS.T.Coleridge (London, 1971).  
I.A.Richards Coleridge on Imagination (Rout ledge, 1955).  
I.A.Richards Principles of literary Criticism (1952).  
I.A.Richards Practical criticism (1929).  
T.S.Eliot Selected Essays (Faber, 1932).  
T.S.EliotThe Use of Poetry and the Use of Criticism (Faber, 1933).  
Northrop Frye Anatomy of Criticism: Four Essays (Princeton, 1957).  
Cleanth Brooks Modern Poetry and the Tradition (1939).  
Cleanth Brooks Understanding Poetry (1938).  
Robert Penn Warren  
David Daiches Critical Approaches to Literature (1956).  
Wimsatt and Brooks Literary Criticism: A Short History (1956).  
Patricia Waugh Literary theory and Criticism (Oxford, 2006).  
M A R Habib Modern Literary Criticism and theory  
Peter Barry Beginning Theory  
Francis Korn Elementary Structures Reconsidered:Levi-Strauss on  
Kinship (Routledge)  
Adams and Searle Critical Theory Since 1965  
Boris Wiseman Introducing Levi Strauss and Structural Anthropology

### **Elective Papers**

### **3.3 American Literature-I**

#### **Semester-III**

##### **Unit-I:**

Nathaniel Hawthorne: The Scarlet Letter  
Mark Twain: The Adventures of Huckleberry Finn  
Herman Melville: Moby-Dick

##### **Unit-II:**

Henry David Thoreau: Walden  
Ralph Waldo Emerson: American Scholar  
Edgar Allen Poe: ‘The Fall of the House of Mr. Usher’

##### **Unit III:**

Walt Whitman: i) “Song of Myself”, Book III (From ‘Leaves of Grass’)  
ii) “Captain! My Captain!” iii) “When Lilacs Last in the Dooryard Bloom’d  
Emily Dickinson: i) “After Great Pain a Formal Feeling Comes” ii) “I Heard a Fly Buzz”  
iii) “This is my letter to the World”, iv) Success is Counted Sweetest’  
Robert Frost: ‘Mending Wall’, ‘The Road Not Taken’, ‘Birches’, ‘After Apple Picking’

##### **Unit IV:** Eugene O’Neill: *The Emperor Jones*

Arthur Miller: *Death of a Salesman*

Tennessee Williams: *A Streetcar Named Desire*

##### **Suggested Readings:**

Gay Wilson Arlen, The Solitary Singer: A critical Biography of Walt Whitman  
(New York: Macmillan, 1955).  
Milton Hindus Leaves of Grass: One Hundred Years After (Stanford University Press, 1955).  
G. F. Witcher This Was a Poet: A Critical Biography of Emily Dickson(1947).  
Richard Cheese Emily Dickson (1951).  
Henry James Hawthorne (1879).  
Hyatt H waqqoner Hawthorne: A Critical Study(1962).  
Yvor Winter Maule’s Curse (1938).  
Walter Blair Mark Twain and Huck Finn (California University Press,1960).  
Richard Letts Huckleberry Finn and His Critics (New York: Macmillan,1962).  
Virginia Floyd The Plays of Eugene O’Neill: A New Assessment (1985).  
Sophus K. Winther Eugene O’Neill: A Critical Study (1934)  
W E B Du Bois The Souls of Black Folk  
Ford, Boris (ed.). The New Pelican Guide to English Literature, Vol.9: American  
Literature. London: Penguin, 1995.  
Gray, Richard. A History of American Literature. 2<sup>nd</sup> ed. Chichester, West Sussex:Blackwell, 2012.  
Crane, Gregg. The Cambridge Introduction to the 19th Century American Novel.  
Cambridge: CUP, 2007.  
Lauter, Paul (ed.). A Companion to American Literature and Culture. Oxford: Blackwell,  
2010.  
Millington, Richard H., Ed. The Cambridge Companion to Nathaniel Hawthorne.  
Cambridge: CUP, 2004.  
Weinstein, Cindy, Ed. The Cambridge Companion to Harriet Beecher Stowe. Cambridge:CUP, 2004.

### **3.4 African, Afro-American, and Latin American Literature**

#### **Semester-III**

##### **Unit I:**

Chinua Achebe: Things Fall Apart  
Harriet Beecher Stowe: Uncle Tom’s Cabin  
Tony Morrison: The Bluest Eye

**Unit II:**

NgũgĩwaThiong'o: A Grain of Wheat

Richard Wright:Native Son

Alice Walker: The Color Purple

**Unit III:**

Langston Hughes: 'Dreams Deferred,' 'As I Grow Older,' Advertisement for the Woldorf Astoria,' 'The Negro Mother,' 'The Negro Speaks of Rivers'

Martin Luther King: 'I Have a Dream': Text of Public Speech delivered on August 28, 1963 at the Lincoln Memorial, Washington DC during the Civil Rights March

J. M. Coetzee: Life & Times of Michael K

**Unit IV:**

Gabriel Okara: 1)The Call of the River Nun, 2)Little Snake and Little Frog

Wole Soyinka:The Lion and the Jewel

Gabriel García Márquez : *Love in the Time of Cholera*

**Suggested Readings:**

- B. Ashcroft, G. Griffiths and H. Tiffin: The Empire Writes Back, Theory and Practice in PostColonial Literature
2. Rubin, David. After the Raj: British Novels of India Since 1947.
3. Anupam, Adesh Pal. Decolonization: A Search for Alternatives Nagar and Tapas.
4. Madan, InderNath. Premchand,.
5. Dhawan, R.K., ed. Commonwealth Fiction.
6. Islam, Shamsul. Kipling's Law: A Study of His Philosophy of Life.
7. Wurgaft, Lewis D. The Imperial Imagination: Magic and Myth in Kipling's India
8. Dillam, G.D. The Novels of Chinua Achebe
- 9.Loomba, Ania. Colonialism/ Post Colonialism.
10. Howells, Caroll Ann. Jean Rhys.
11. Thomas, Sue. The Worliding of Jean Rhys.
12. Thieme, John. Derek Walcott.
- 13.Sawhney, Brajesh. Studies in the Literary Achievement of Louise Erdrich, Native American Writer: Fifteen Critical Essays.
- 14.Gay Wilson Arlen, The Solitary Singer: A critical Biography of Walt Whitman (New York: Macmillan, 1955).
- 15.Milton Hindus Leaves of Grass: One Hundred Years After (Stanford University Press, 1955).
- 16.G. F. Witcher This Was a Poet: A Critical Biography of Emily Dickson(1947).
17. Richard Cheese Emily Dickson (1951).
18. Henry James Hawthorne (1879).
19. Hyatt H waqqoner Hawthorne: A Critical Study(1962).
20. Yvor Winter Maule's Curse (1938).
21. Walter Blair Mark Twain and Huck Finn (California University Press,1960).
22. Richard Letts Huckleberry Finn and His Critics (New York: Macmillan,1962).
- 23.Virginia Floyd The Plays of Eugene O'Neill: A New Assessment (1985).
24. Sophus K. Winther Eugene O'Neill: A Critical Study (1934)
25. W E B Du Bois The Souls of Black Folk
26. Ford, Boris (ed.). The New Pelican Guide to English Literature, Vol.9: American Literature. London: Penguin, 1995.
27. Gray, Richard. A History of American Literature. 2<sup>nd</sup> Ed.. Chichester, West Sussex:Blackwell, 2012.
28. Crane, Gregg. The Cambridge Introduction to the 19th Century American Novel.Cambridge: CUP, 2007.
29. Lauter, Paul (ed.). A Companion to American Literature and Culture. Oxford: Blackwell,2010.
30. Millington, Richard H., Ed. The Cambridge Companion to Nathaniel Hawthorne.Cambridge: CUP, 2004.
31. Weinstein, Cindy, Ed. The Cambridge Companion to Harriet Beecher Stowe. Cambridge:CUP, 2004.

### **3.5 Classical Literature**

**Unit I:**

1. Sophocles: Oedipus Rex

2.Euripides: The Bacchae

3.Terence: The Self Tormentor (*Heauton Timorumenos*)

**Unit II:**

1. Homer: The Iliad

2.Virgil:Aeneid

3.Plato: Meno

**Unit III:**

1.Seneca: Daughters of Troy (*The Trojan Women*)

2. Aristophanes: The Frogs

3.St. Augustine: Confessions

**Unit IV:**

1.Aeschylus: Prometheus Unbound

2. Dante: The Divine Comedy: 'Inferno'

3. Pindar–Odes (Selected Poems from Pindar: The Complete Odes. Translated by Anthony Verity. Oxford: OUP, 2007.)

a. Olympian: 1 to 3

b. Pythians: 1 to 3

c. Nemeans: 1 to 3

**Suggested Readings:**

H. Van Thiel 1996, A Commentary on Three Translations  
World Classics (Oxford) Translations of Greek and Roman Classics  
Everyman's Library Editions Translations of Greek and Roman Classics  
H. J. Rose A Handbook of Greek Mythology  
Gilbert Norwood Greek Tragedy  
H. D. F. Kitto Greek Tragedy (Methuen, 1939)  
Casebook Tragedy: Development in Criticism  
The Cambridge Companion to Greek Tragedy  
B. M. W. Knox The Heroic Temper: Studies in Sophoclean Tragedy  
Greek Drama: Aeschylus, Sophocles, Euripides, Aristophanes  
Bantan Book, 1965)  
W. F. Jackson Knight The Aeneid of Virgil (Penguin, 1960)  
Gilbert Murray Ancient Greek Literature (Heinemann)  
C. M. Bowra Ancient Greek Literature (Home University Library)  
J. W. Mackail Latin Literature (Murray) Virgil The Eclogues and The Georgics (translator R. C.)

**3.6 Pragmatics, Stylistics and Sociolinguistics**

**Unit-I- Fundamentals of Pragmatics**

- i) Origin and Journey of Pragmatics
- ii) Definitions of Pragmatics
- iii) Semantics vs. Pragmatics
- iv) Component vs. Perspective
- v) Principles vs. rules

**Principles of Pragmatics**

- i) The Cooperative Principle and its Maxims
- ii) The Politeness Principle and its Maxims
- iii) Trade off Relationship between Cooperative Principle and Politeness Principle
- iv) Relevance Theory of Sperber and Wilson
- v) The Concept of 'Face', Positive and Negative Face

**Unit-II- Important Concepts in Pragmatics**

**A) Implicature vs Explicature**

**B) Context and Conversation**

- (i) Utterer and Interpreter, (ii) The Mental World, (iii) The Social World (iv) The Physical World
- C) Deixis i) Time Deixis ii) Place Deixis iii) Person Deixis iv) Discourse Deixis v) Social Deixis

**Unit III: Stylistics:**

Ordinary language and language of literature; foregrounding- deviations and parallelism; analysing metaphor

**Unit IV: Sociolinguistics:**

Language and society, Speech community, Varieties- languages, dialect, register, style; Language contact- pidgin, creole, diglossia, code mixing, code switching and borrowing

**Recommended Reading:**

- R. A. Hudson – Sociolinguistics
- Levinson, S. C. (1983), Pragmatics, Cambridge: CUP.
- Leech, Geoffrey (1974) Semantics, Penguin: Harmondsworth.
- Leech, Geoffrey (1980) Explorations in Semantics and Pragmatics, Amsterdam: John Benjamins.
- Lyons, John (1977) Semantics, (Vol. 1 and Vol. 2) Cambridge: CUP.
- Palmer, F. R. (1981) Semantics, Cambridge, CUP.
- Hurford, J. R., Heasley, B. & Smith M. B. (1983) Semantics: A Coursebook, Cambridge: CUP. 6.
- Kennedy, G. (2011) Structure and Meaning in English, New Delhi: Pearson
- S. Yal, Pushpinder & Jindal D. V. (2001) An Introduction to Linguistics :  
• Language, Grammar and Semantics, New Delhi : Prentice Hall of India
- Cruse, Allan, (2004) Meaning in Language : An Introduction to Semantics and Pragmatics, New York : OUP.
- Saeed, John (2003) Semantics, Oxford : Blackwell Publishing.
- Thakur, D. (1999) Linguistics Simplified : Semantics, Patna : Bharati Bhavan
- Cruse, D. A. (1986) Lexical Semantics, Cambridge: CUP.
- Austin, J. L. (1962), How to Do Things with Words, Oxford: Clarendon Press.
- Brown, G. and G. Yule (1983), Discourse Analysis, Cambridge: CUP.
- Brown, P. and Levinson, S. C. (1987), 'Politeness: Some Universals' in Language Usage, Cambridge: CUP
- Fowler, Roger – Literature as Social Discourse
- Grundy, Peter (2000), Doing Pragmatics, London: Edward Arnold.
- Leech, G. N. (1983), Principles of Pragmatics, London: Longman.
- Mey, Jacob L. (1993), Pragmatics: An Introduction, Oxford: Blackwell.
- [Revised edition is available and is preferred.]
- Schiffrin, D. (1994) Approaches to Discourse, Oxford: Blackwell.
- Searle, J. R. (1969), Speech Acts, Cambridge: CUP
- John Lyons – Language and Linguistics – An Introduction : CUP
- Sperber, D. & Wilson, D. (1986), Relevance: Communication and Cognition, Oxford: Basil Blackwell.
- Verschueren, Jef (1995), Handbook of Pragmatics, Amsterdam: John Benjamins.
- Verschueren, Jef (1999), Understanding Pragmatics, London: Arnold.
- Yule, George (1996), Pragmatics, Oxford: OUP

### 3.7 Literature and Gender

#### Unit I:

Mary Wollstonecraft: *A Vindication of the Rights of Woman*

Tarabai Shinde: "*Stree-Purush Tulna*" in Translation by Rosalind Hanlon.

Kate Millet: Sexual Politics

#### Unit II:

Virginia Woolf: *A Room of One's Own*

Simone de Beauvoir: *The Second Sex* (Volume 1, Chapter-1 to 3)

Judith Butler's "Subjects of Sex/Gender/Desire" from Judith Butler: *Gender Trouble: Feminism and the Subversion of Identity*

#### Unit III:

Ashwini Sukthanker : *Facing the Mirror* "Introduction" & *Selected Pieces*: 'Words, Yours and Mine'; 'The Point of Madness'; 'Closeted in a Triangle'; 'Tired of the Broom'; 'Silence and Invisibility'; 'Chakra/Circle'; 'You call me Unique..?';

Eve Kosofsky Sedgwick: "Introduction : Axiomatic" from *Between Men: English Literature and Male Homosocial Desire*

Jeanette Winterson: *Oranges Are Not the Only Fruit*

#### Unit IV:

Baby Kamble : *The Prison We Broke*

Arundhati Roy: *The Ministry of Utmost Happiness*

Shashi Deshpande : *That Long Silence*

#### Prescribed Text:

Ashwini Sukthanker, ed., '*Facing the Mirror*' ; Penguin Books India, New Delhi: 1999 (ISBN: 10987654321)

Eve Kosofsky Sedgwick: *Between Men: English Literature and Male Homosocial Desire*, Columbia University Press, New York

#### Recommended Reading:

1. Walker, Alice. "The Colour Purple" Orion Publishing Group, 2004. (ISBN 9780753818923)
2. O'Hanlon, Rosalind. 2000. A Comparison Between Women and Men : Tarabai Shinde and the Critique of Gender Relations in Colonial India. Delhi, Oxford University Press, 2000, ISBN 0-19-564736-X.
3. Shinde, Tarabai. 1882. *Stri purush tulana*. (Translated by Maya Pandit). In S. Tharu and K. Lalita (Eds.) "Women writing in India. 600 B.C. to the present. Volume I: 600 B.C. to the early 20th century". The City University of New York City : The Feminist Press.
4. Kamble, Baby. 2009. *The Prisons We Broke*. Trans by Maya Pandit from Marathi Jina Amucha. new Delhi: Orient Black Swan, Print.
5. Deshpande, Shashi. *The Stone Women*.
6. Rich, Adrienne. 2003. *Fact of a Doorframe - Poems 1950-2001* Rev Paperback – Import, 7 Jan W. Norton and Company, New York .
7. Kalia Mamta. 1978. *Poems 78* Culcutta: Writers Workshop.
8. Kalia Mamta. 1979. *Poems 79* Culcutta: Writers Workshop.
9. Kalia Mamta. 1970. *Tribute to Papa and Other Poems*, Culcutta: Writers Workshop.
10. Ariel Levy: *Female Chauvinist Pigs: Women and the Rise of Raunch Culture*; Free Press, 2005 ISBN: 0-7432-4989-5
10. Links - wikipedia.org
11. Jstor.org
12. Rereadinglives.blogspots.com
13. Live Journal Inc
14. www.nybooks.com
15. [www.cse.iitk.ac.in](http://www.cse.iitk.ac.in)
16. [www.inscribethebreath.com](http://www.inscribethebreath.com)
17. [www.wofford.edu](http://www.wofford.edu)
18. Sashbora.wordpress.com

### 3.8 Shakespearean Studies

#### Unit: I Tragedy & History

- a) Hamlet
- b) Romeo and Juliet
- c) Henry IV Part I

#### Unit: II Comedy & Tragi-comedy

- a) Twelfth Night
- b) The Tempest
- c) Measure for Measure

#### Unit: III Poems

- a) The Rape of Lucrece
- b) Venus and Adonis
- c) Sonnets: 01, 03, 18, 19, 27, 65, 75, 80, 104, 116, 129, 130

#### Unit: IV Criticism

- a) A.C Bradley's Shakespearean Tragedy ( Lectures on Hamlet and Othello only)
- b) T.S. Eliot's ' Hamlet and his Problems'
- c) Stephen Greenblatt: From the book " Renaissance Self Fashioning" : *Introduction and The Improvisation of Power*



**Suggested Readings:**

1. Barber, C.L. Shakespeare's Festive Comedy: A Study of Dramatic Form and its Relation to Social Custom. Princeton, Princeton University Press, 1959.
2. Bentley, Eric. The Life of Drama. London Methuen & Co. 1965.
3. Boulton, Marjorie. The Anatomy of Drama. New Delhi, Routledge and Kegan Paul, 1960.
4. Bradley, A.C. Shakespearean Tragedy, London, Macmillan, 1983.
5. Esslin, Martin. An Anatomy of Drama. London, Temple Smith, 1976.
6. Halliwell, Stephen. (trans and commentary. The Poetics of Aristotle. London, Duckworth, 1987.
7. Nicoll, Allardyce. The Theater of Dramatic Theory. Bristol: George, G. Harrap & Co. Ltd., 1962. 8. Nietzsche, Friedrich. The Birth of Tragedy. trans. Douglas Smith, Oxford, Oxford University Press, 2000.
9. Oscar Brockett, History of the Theatre, 7th ed., Holt, Rinehart & Winston, NY, 1995
10. Shepherd, Simon and Womack, Peter. English Drama: A Cultural History. Oxford, Blackwell, 1996.
11. Stantori, Sarah and Banham, Martin. eds. Cambridge Paperback Guide to Theatre, Cambridge University Press, 1996.
12. White, Martin. Renaissance Drama in Action: An Introduction to Aspects of Theatre Practice and Performance. London, Routledge, 1988.
13. Wickham, Glynne. A History of the Theatre, 2nd edition, London, Phaidon, 2007.
14. Charney, Maurice (2000). *Shakespeare on Love & Lust*. New York: Columbia University Press.
15. Halliday, F. E. (1964). *A Shakespeare Companion 1564–1964*. Baltimore: Penguin.
16. Drabble, Margaret. *The Oxford Companion to English Literature, Fifth Edition*. Oxford University Press (1985). [ISBN 978-0198661306](#).
17. Kolin, Philip C. *Venus and Adonis: Critical Essays*. Routledge (2013). [ISBN 9781136744310](#)
- 18.a) Bullough, Geoffrey. *Narrative and Dramatic Sources of Shakespeare: Early Comedies, Poems, Romeo and Juliet*. Columbia University Press (1957). Page 162
- 18.b) Duncan-Jones, Katherine. Woudhuysen, H. R. eds. Shakespeare, William. *Shakespeare's Poems: Third Series*. Arden Shakespeare. (28 September 2007
19. ["Why is the RSC staging Venus and Adonis with marionettes?"](#). *the Guardian*.
20. [Venus and Adonis](#) at the [Boston Metro Opera] [Archived](#) 1 February 2014 at the [Wayback Machine](#).
21. Review by Stephanie Lysaght in LA Weekly, 31 August 2006.
22. [Shakespeare, William](#) (1609). [Shakespeare's Sonnets: Never Before Imprinted](#). London: [Thomas Thorpe](#).
23. [Lee, Sidney](#), ed. (1905). [Shakespeare's Sonnets: Being a reproduction in facsimile of the first edition](#). Oxford: [Clarendon Press](#). [OCLC 458829162](#).
24. [Alden, Raymond Macdonald](#), ed. (1916). [The Sonnets of Shakespeare](#). Boston: [Houghton Mifflin Company](#). [OCLC 234756](#).
25. [Rollins, Hyder Edward](#), ed. (1944). *A New Variorum Edition of Shakespeare: The Sonnets* [2 Volumes]. Philadelphia: [J. B. Lippincott & Co](#).
26. [Atkins, Carl D.](#), ed. (2007). *Shakespeare's Sonnets: With Three Hundred Years of Commentary*. Madison: [Fairleigh Dickinson University Press](#).
27. [Burrow, Colin](#), ed. (2002). *The Complete Sonnets and Poems*. [The Oxford Shakespeare](#). Oxford: [Oxford University Press](#).
28. [Duncan-Jones, Katherine](#), ed. (2010) [1st ed. 1997]. *Shakespeare's Sonnets*. [The Arden Shakespeare, Third Series](#) (Rev. ed.). London: [Bloomsbury](#).
29. [Evans, G. Blakemore](#), ed. (1996). *The Sonnets*. [The New Cambridge Shakespeare](#). Cambridge: [Cambridge University Press](#).
30. [Kerrigan, John](#), ed. (1995) [1st ed. 1986]. *The Sonnets; and, A Lover's Complaint*. [New Penguin Shakespeare](#) (Rev. ed.). [Penguin Books](#).
31. [Mowat, Barbara A.](#); [Werstine, Paul](#), eds. (2006). [Shakespeare's Sonnets & Poems](#). [Folger Shakespeare Library](#). New York: [Washington Square Press](#).
32. [Orgel, Stephen](#), ed. (2001). *The Sonnets*. [The Pelican Shakespeare](#) (Rev. ed.). New York: [Penguin Books](#). [ISBN 978-0140714531](#). [OCLC 46683809](#).
33. [Vendler, Helen](#), ed. (1997). *The Art of Shakespeare's Sonnets*. Cambridge, MA: [The Belknap Press of Harvard University Press](#). [ISBN 0-674-63712-7](#).
34. K.M. Newton *Twentieth Century Literary Theory*; Macmillan Publishers, 1997
35. Stephen Greenblatt: From the book "Renaissance Self Fashioning", University of Chicago Press, 2005

### 3.9 Non-Fiction

#### Unit:I

- a) Immanuel Kant: 'What is an Enlightenment?'
- b) Rousseau: The Social Contract
- c) Nietzsche: *On Truth and Lie in an Extra-Moral Sense*

#### Unit:II

- a) Charles Darwin : From "The Origin of Species" (Introduction & Chapters-I II, III)
- c) Karl Marx: *Capital*, Volume-I, Part-I, Chapter-I: *Commodities*
- c) Sigmund Freud: The Interpretation of Dreams, *Translated* by James Strachery, The following Chapters: I. THE SCIENTIFIC LITERATURE DEALING WITH THE PROBLEMS OF DREAMS  
II. THE METHOD OF INTERPRETING DREAMS: AN ANALYSIS OF A SPECIMEN DREAM  
III. A DREAM IS THE FULFILLMENT OF A WISH  
V. THE MATERIAL AND SOURCES OF DREAMS  
VI. THE DREAM –WORK (A) The Work of Condensation, (B) The Work of Displacement

#### Unit:III

- a) Jean-Paul Sartre: 'Being and Nothingness' - *Selected pieces* (Introduction: The Pursuit of Being & Part One The Problem of Nothingness Chapter One. The Origin of Negation , The Question II., Negations III, The Dialectical Concept of Nothingness IV. The Phenomenological Concept of Nothingness V. The Origin of Nothingness Chapter Two. Bad Faith I. Bad Faith and Falsehood II. Patterns of Bad Faith III. The "Faith" of Bad Faith)
- b) Naomi Wolf: *The Beauty Myth*
- c) Richard Dawkins: *The God Delusion*

#### Unit:IV

- a) B.R. Ambedkar: *Annihilation of Caste*. New Delhi: Bluemoon publishers, 2000.
- b) Amartya Sen: *An Argumentative Indian*
- c) Malay Chaudhari & Arindham Chaudhari: *The Great Indian Dream*

#### Suggested Readings:

1. Ambedkar, Dr. Babasaheb. Castes in India: Their Mechanism, Genesis and Development. Indian Antiquary. Vol. XLI. May 1917.
2. B.R. Ambedkar: *Annihilation of Caste*. New Delhi: Bluemoon publishers, 2000.
3. Buckler, William E. The Victorian Imagination: Essays in Aesthetic Exploration, Harvester
4. Gordon, Ian A. The Movement of English Prose. London: Longman Group
5. Gross, John. The Oxford Book of Essays, OUP
6. Jones, Edmund. English Critical Essays: Nineteenth Century. OUP. 7. Mill, John Stuart. The Subjection of Women. London: Longmans, 1869
8. Montaigne, Michel de. Essays of Montaigne. Vol. 1, Trans. Charles Cotton, Penguin, 2006
9. Russell, Bertrand. Free Thought and Official Propaganda. New York: B.W. Huebschinc, 1922
10. Snow, C. P. The Two Cultures and a Second Look. CUP, 1959.
11. The Pelican Book of English Prose, Vol. 2 (1780 to the Present)
12. Walker, Hugh. The English Essays and Essayists, Dent & Sons Ltd, London

### 4.1. Indian Writing in English – Compulsory Paper I

#### Semester-IV

##### Unit I: Poetry-II

- a. Nissim Ezekiel: 1) Background, Casually, 2) Enterprise 3) Poet, Lover, Birdwatcher 4) Goodbye Party for Miss Pushpa T. S.
- b. Kamala Das: An Introduction, The Old Playhouse, The Dance of the Eunuchs
- c. A. K. Ramanujan: Obituary ( from An *Anthology of Commonwealth Poetry*)
- d. Jayant Mahapatra: Dawn at Puri
- e. Imtiyaz Dharker: Purdah I
- f. Syed Ammanuddin: Don't Call me Indo-Anglian (*An Anthology of Commonwealth Poetry*)

##### Unit II: Drama

Girish Karnard: Tughlaq (New Delhi: OUP, 2012)

Vijay Tendulkar : Silence! The Court is in Session

Mahesh Dattani. Final Solutions

Dina Mehta: Brides are not for Burning

##### Unit III: Indian Literary Criticism: Theory and Interpretation

- a) Bharatamuni: *On Natya and Rasa: Aesthetics of Dramatic Experience*: From the *Natya Shastra* (3<sup>rd</sup> century or older)
- b) Balkrishna Sitaram Mardhekar: Poetry and Aesthetic Theory (1954)
- c) Gayatri Chakravorty Spivak: A Literary Representation of the Subaltern: Mahashweta Devi's *Stanadayini* (1987)
- d) Aijaz Ahmad: Orientalism and After: Ambivalence & Cosmopolitan Location in the Work of Edward Said (1992)

##### Prescribed Texts: For Unit -III

- G. N., Devy. *Indian Literary Criticism: Theory and Interpretation*. New Delhi: Orient BlackSwan, 2010

**Suggested Readings:**

- Mehrotra, A. K. An Illustrated History of Indian Literature in English. New Delhi: Permanent Black, 2003.
- Mukherjee, Meenakshi. Twice born fiction. Arnold-Heinemann Publishers (India), 1974.
- Ramakrishnan, E. V. ed. Narrating India: The Novel in Search of the Nation. New Delhi: SahityaAkademi, 2005.
- Ranveendran, P. P. 'Genealogies of Indian Literature'. In Economic and Political Weekly. Vol. 41. No. 25. June 24-26, 2006.
- Jain, Jasbir. Colonial Encounter: Henry Derozio. Mysore: C C L R, 1982.
- Dwivedi A. N. Toru Dutt. New Delhi: Arnold-Heinemann, 1977.
- Anand, Mulk Raj. The Kind Emperor's English or The Role of the English Language in Free India. Bombay: Hind Kitabs, 1947.
- Iyengar, K. R. Srinivasa. Indian Writing in English. Revised edition, New Delhi: Sterling, 1962.
- M. K., Naik. A History of Indian English Literature. New Delhi: SahityaAkademi, New Delhi, 2009.
- Mulk Raj Anand: Untouchable. New Delhi: Pearson Longman, 2009.
- Amitav Ghosh. The Hungry Tide. New Delhi: Orient Longman, 2000
- Devy, GN. After Amnesia: Tradition and Change in Indian Literary Criticism. Bombay: Orient Longman, 1992. ---. Ed. Indian Literary Criticism: Theory and Interpretation. Hyderabad: Orient Longman, 2002.
- Kapoor, Kapil. Literary Theory: Indian Conceptual Framework. New Delhi: West Press, 1998.
- Limbale, Sharankumar. Towards an Aesthetic of Dalit Literature. Hyderabad: Orient Longman, 2004.
- Mukherjee, Sujit. A Dictionary of Indian Literature. Vol I (Beginnings to 1850). Hyderabad: Orient Longman, 1998.
- . Towards a Literary History of India. Simla : Indian Institute of Advanced Study, 1975.
- . Translation as Discovery. 1981. Hyderabad: Orient Longman, 1994.
- . Translation as Recovery. New Delhi: Pencraft, 2004.
- Paniker, Ayyappa. Indian Narratology. New Delhi: Indira Gandhi Centre for the Arts, 2003.
- Radhakrishnan, S. The Hindu View of Life. 1926. New Delhi: Harper Collins, 2014.
- Rege, Sharmila. Writing Caste, Writing Gender: Reading Dalit Women's Testimonios. New Delhi: Zuban, 2006.
- Satchidanandan, K, ed. Signatures: One Hundred Indian Poets. Rev ed. New Delhi: National Book Trust, 2003.
- Vatsyayan, SH. A Sense of Time: An Exploration of Time in Theory, Experience and Art. New Delhi: OUP, 1981

## 4.2. Critical Theory – Compulsory Paper II

### Semester-IV

#### Unit I: New Criticism/ Structuralism/ Formalism/ Hermeneutics Theories

- C. Wimsatt, William K. and Monroe Beardsley, *The Intentional Fallacy and The Affective Fallacy*
- Ferdinand de Saussure : *Nature of Linguistic Sign*
- Levi Strauss: *The Structural Study of Myth*
- Victor Shklovsky : *Art as Technique*
- Wolfgang Iser: *The Reading Process: A Phenomenological Approach*

#### Unit II: Marxism/ Feminism/ Psycho-analytical/ Dialogic Criticism

- Walter Benjamin: 'The Work of Art in the Age of Mechanical Reproduction'
- Louis Althusser: 'Ideology and Ideological State Apparatuses'
- Elaine Showalter: *Toward a Feminist Poetics*
- Jacques Lacan: "The Instance of the Letter in the Unconscious" From David Lodge: *Modern Criticism and Theory* (Oxford)
- Mikhail Bakhtin: "Discourse in the Novel" (from *The Dialogic Imagination*)

#### Unit III: Post-Structuralism / Postmodernism/ Post-Colonialism / New-Historicism

- Roland Barthes: *The Death of the Author* From David Lodge: *Modern Criticism and Theory* (Oxford)
- Jacques Derrida: *Structure, Sign and Play in the Discourse of Human Sciences* From David Lodge: *Modern Criticism and Theory* (Oxford)
- Michel Foucault: Part-I "Introduction", "1. The Unities of Discourse" (from *The Archaeology of Knowledge Translated by A.M. Sheridan Smith*)
- Jean Lyotard: "Answering the Question: What is Postmodernism?" (From *The Postmodern Condition: A Report on Knowledge*)
- Edward Said: *Crisis [in Orientalism]* From David Lodge: *Modern Criticism and Theory* (Oxford)

#### Prescribed Texts:

- David Lodge: *Modern Criticism and Theory* (Longman :2008) with ISBN-13: 978-0582784543 or ISBN-10: 0582784549
- Lodge, David and Nigel Wood, eds. 1998. *Modern Criticism and Theory: A Reader*. Essex: Pearson Education Limited.
- [Raman Selden](#): *The Theory of Criticism: From Plato to the Present* (Reader) Paperback : 1988
- David Lodge : *Twentieth Century Literary Criticism: A Reader* (Paperback – 1972)
- Waterfield, Robin Plato: *Republic*. Translated, with notes and an introduction. Oxford: Oxford World's Classics. (1994).
- Michel Foucault: *The Archaeology of Knowledge Translated by A.M. Sheridan Smith*

**Suggested Reading:**

Arendt Hannah, 1973. *Illuminations*. London: Fontana.

Bakhtin, M.M. 1981. *The Dialogic Imagination: Four Essays*, trans. M. Holquist and C. Emerson. Austin: University of Texas Press.

Bhabha, Homi K. 1994. *The Location of Culture*. London and New York: Routledge.

During, Simon. 1992. *Foucault and Literature: Towards a Genealogy of Writing*. London: Routledge.

Eagleton, Terry. 1996. *Literary Theory: An Introduction*. Oxford: Basil Blackwell.

Foucault, Michel. 1979. 'What Is an Author?' in *Textual Strategies: Perspectives in Post-Structuralist Criticism*, ed. Josué V. Harari. London: Methuen.

Lodge, David and Nigel Wood, eds. 1998. *Modern Criticism and Theory: A Reader*. Essex: Pearson Education Limited.

Montag, Warren. 2003. *Louis Althusser*. Basingstoke: Palgrave Macmillan.

Williams, Raymond. 1997. *Marxism and Literature*. Oxford: Oxford University Press.

Bennett, Tony. 1979. *Formalism and Marxism*. London: Methuen.

Brannigan, John. 1998. *New Historicism and Cultural Materialism*. London: Macmillan.

Connor, Steven. 1997. *Postmodernist Culture: An Introduction to Theories of the Contemporary*, 2nd edn. Oxford: Blackwell.

Culler, Jonathan. 1983. *On Deconstruction: Theory and Criticism After Structuralism*. London: Routledge and Kegan Paul.

Eagleton, Terry. 1976. *Marxism and Literary Criticism*. London: Routledge.

Gallagher, Catherine and Stephen Greenblatt. 2000. *Practising New Historicism*. Chicago: University of Chicago Press.

Mulhern, Francis, ed. 1992. *Contemporary Marxist Literary Criticism*. London: Longman.

Norris, Christopher. 2002. *Deconstruction: Theory and Practice*. New York: Routledge.

Veese, H. Aram, ed. 1994. *The New Historicism Reader*. New York: Routledge.

Patricia Waugh *Literary theory and Criticism* (Oxford, 2006).

David Lodge *Modern Criticism and Theory* (Oxford)

Kathy Althusser *Essays on ideology* (London, 1984).

Roland Barthes *S/Z* (trans. Richard Miller) (New York, 1974).

David Carroll *Paraesthetics: Foucault, Lyotard, Derrida* (London, Methuen 1987).

Steven Cornor *Postmodernist Culture: An Introduction* (Oxford, 1989).

Paul de Man *Resistance to theory* (Manchester University Press, 1986).

Ferdinand de Saussure *Course in General Linguistic* (London, 1974).

Jacques Derrida *of Grammatology* (trans-Gayatri Spivak) (John sHopkins University, 1976).

Terry Eagleton *Literary Theory: An Introduction* (Oxford: Blackwell, 1983).

Jean Jacques Lyotard *The Postmodern Condition: A Report On Knowledge* (Manchester University Press, 1986).

Christopher Norris *The Truth About Postmodernism* (Oxford: Blackwell, 1993).

Rene Wellek *A History of Modern Criticism: 1750-1950* (London: JonathanCape, 1986).

### **4.3 American Literature-II**

#### **Semester-IV**

##### **Unit-I:**

Henry James: 'The Turn of the Screw'

Ernest Hemingway: *The Old Man and the Sea*

William Faulkner: *The Sound and the Fury*

##### **Unit-II:**

Ezra Pound: *The Return, The River Merchant's Wife, A Girl, In A Station Of The Metro, And The Days Are Not Full Enou...*, "E. P. Ode...", "Envoi"

Wallace Stevens: i) *From The Man with the Blue Guitar: Section XII* ii) "The Snowman" iii) "A Mythology Reflects Its Region"

Sylvia Plath: i) "Daddy" ii) "Tulips" iii) *Mad Girl's Love Song* 'I shut my eyes and all the world drops ...iv) *A Birthday Present* What is this, behind this veil, is it ...

##### **Unit-III:**

Toni Morrison: *Beloved*

Harper Lee: *To Kill a Mockingbird*

John Steinbeck: *The Grapes of Wrath*

##### **Unit-IV:**

Edward Albee: *The Zoo Story*

J.D. Salinger: *The Catcher in the Rye*

Joseph Heller: *Catch-22*

##### **Suggested Readings:**

Gay Wilson Arlen, *The Solitary Singer: A critical Biography of Walt Whitman* (New York: Macmillan, 1955).

Milton Hindus *Leaves of Grass: One Hundred Years After* (Stanford University Press, 1955).

G. F. Witcher *This Was a Poet: A Critical Biography of Emily Dickson* (1947).

Richard Cheese *Emily Dickson* (1951).

Henry James *Hawthorne* (1879).

Hyatt H waqqoner *Hawthorne: A Critical Study* (1962).

Yvor Winter *Maule's Curse* (1938).



Walter Blair Mark Twain and Huck Finn (California University Press, 1960).  
Richard Letts Huckleberry Finn and His Critics (New York: Macmillan, 1962).  
Virginia Floyd The Plays of Eugene O'Neill: A New Assessment (1985).  
Sophus K. Winther Eugene O'Neill: A Critical Study (1934)  
W E B Du Bois The Souls of Black Folk  
Ford, Boris (ed.). The New Pelican Guide to English Literature, Vol.9: American Literature. London: Penguin, 1995.  
Gray, Richard. A History of American Literature. 2nd ed. Chichester, West Sussex: Blackwell, 2012.  
Crane, Gregg. The Cambridge Introduction to the 19th Century American Novel. Cambridge: CUP, 2007.  
Lauter, Paul (ed.). A Companion to American Literature and Culture. Oxford: Blackwell, 2010.  
Millington, Richard H., Ed. The Cambridge Companion to Nathaniel Hawthorne. Cambridge: CUP, 2004.  
Weinstein, Cindy, Ed. The Cambridge Companion to Harriet Beecher Stowe. Cambridge: CUP, 2004.

#### 4.4 World Literatures in English

##### Semester-IV

##### Unit 1:

1. Leo Tolstoy: *What is Art?*
2. Alexander Pushkin: (Selected Poems from Poems, Prose and Plays of Alexander Pushkin. New York: Modern Library, 1936.)
  - a) The Bronze Horseman, b) Winter Evening, c) The Coach of Life d) With Freedom's Seed, e) Beneath her Native Skies f) Arion g) To the Poet h) Elegy i) When in My Arms j) Autumn
3. Fyodor Dostoevsky: Crime and Punishment

##### Unit 2:

1. Albert Camus: The Outsider (The Stranger)
2. Marcel Proust: In Search of Lost Time (Remembrance of Things past')
3. Elie Wiesel: Night

##### Unit:3

1. Franz Kafka: *The Metamorphosis*
2. Friedrich Nietzsche: *Thus Spake Zarathustra*
3. Jean-Paul Sartre: *What is Literature?*

##### Unit:4

1. Alec Derwent Hope (Poems selected from The Penguin Book of Australian Verse edited by Harry Haseltine)
  - a. Australia, b. The Wandering Islandsc. The Death of the Bird, d. The Imperial Adam e. Pasiphae, f. Letter from the Lineg. Ode on the Death of Pius the Twelfth, h. Crossing the Frontier
2. Stéphane Mallarmé- (Selected poems from Collected Poems and Other Verse. Translated and notes by E. H. and A. M. Blackmore. Oxford: OUP, 2006.)
  - a. Funerary Toast, b. Prose, c. The Toom of Edgar Allan Poe, d. The Toom of Charles Baudelaire e. To Introduce Myself into your Tale... f. Homage g. A Few Sonnets, h. Little Ditty i. Remembering Belgian Friends, j. Album Leafk. Fan – l. Another Fan
3. Iris Murdoch: *The Sea, the Sea*

##### Suggested Readings:

- [Multilingual Bibliography of \(Text\)Books in Comparative Literature, World Literature\(s\), and Comparative Cultural Studies." CLCWeb: Comparative Literature and Culture \(Library\) \(1999–\)](#)
- [Boruszko, Graciela, and Steven Tötösy de Zepetnek, eds. New Work about World Literatures. Special Issue CLCWeb: Comparative Literature and Culture 15.6 \(2013\)](#)
- Casanova, Pascale. *The World Republic of Letters*. Trans. M. B. DeBevoise. Cambridge: Harvard University Press, 2004.
- D'haen, Theo. *The Routledge Concise History of World Literature*. London: Routledge, 2011.
- D'haen, Theo, David Damrosch, and Djelal Kadir, eds. *The Routledge Companion to World Literature*. London: Routledge, 2011.
- D'haen, Theo, César Domínguez, and Mads Rosendahl Thomsen, eds. *World Literature: A Reader*. London: Routledge, 2012.
- Damrosch, David. *How to Read World Literature*. London: Blackwell, 2009.
- Damrosch, David. *What Is World Literature?* Princeton: Princeton University Press, 2003.
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- Prendergast, Christopher, ed. *Debating World Literature*. London: Verso, 2004.
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- Sturm-Trigonakis, Elke. *Comparative Cultural Studies and the New Weltliteratur*. West Lafayette: Purdue University Press, 2013.
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- Thomsen, Mads Rosendahl. *Mapping World Literature: International Canonization and Transnational Literatures*. London: Continuum, 2008.
- Tötösy de Zepetnek, Steven, and Tutun Mukherjee, eds. *Companion to Comparative Literature, World Literatures, and Comparative Cultural Studies*. New Delhi: Cambridge University Press India, 2013.
- Vipper, Yuri B. *A Fundamental Study of the History of World Literature*. USSR Academy of Sciences: Social Sciences Vol. XVI, No. 1, 1985 pp. 84–93.
- [Vipper, Yuri B. \*National Literary History in History of World Literature: Theoretical Principles of Treatment\*. \*New Literary History\* Vol. 16, No. 3, On Writing Histories of Literature \(Spring, 1985\), pp. 545–558](#)

#### 4.5 Colonial and Post-Colonial Studies

##### Unit-I

Bill Ashcroft, G. Griffiths and H. Tiffin: *The Empire Writes Back*

Salman Rushdie: *Midnight's Children*

Bapsi Sidhwa: *Ice Candy Man*

Monika Ali: *Brick Lane*

##### Unit-II

Wole Soyinka: *Death and the King's Horseman*

Nadine Gordimer: *July's People*

Jean Rhys: *Wide Sargasso Sea*

Adrienne Rich: i) "Diving into the Wreck" ii) "Delta"

##### Unit-III

Katherine Mansfield: *The Man with the Wooden Leg*

George Lamming: *In the Castle of My Skin*

Mohsin Hamid: *The Reluctant Fundamentalist*

Maya Angelou: "Still I Rise," "I Know Why the Caged Bird Sings"

##### Unit-IV

Derek Walcott: *A Far Cry from Africa*

V. S. Naipaul: *Miguel Street*

Gabriel Okara: i) "The Mystic Drum" ii) "Once Upon a Time" iii) "Piano and Drums"

Shyam Selvadurai: *Funny Boy*

##### Suggested Readings:

1. B. Ashcroft, G. Griffiths and H. Tiffin: *The Empire Writes Back, Theory and Practice in PostColonial Literature*
2. Rubin, David. *After the Raj: British Novels of India Since 1947*.
3. Anupam, Adesh Pal. *Decolonization: A Search for Alternatives* Nagar and Tapas.
4. Madan, InderNath. *Premchand,*.
5. Dhawan, R.K., ed. *Commonwealth Fiction*.
6. Islam, Shamsul. *Kipling's Law: A Study of His Philosophy of Life*.
7. Wurgaft, Lewis D. *The Imperial Imagination: Magic and Myth in Kipling's India*
8. Dillam, G.D. *The Novels of Chinua Achebe*
9. Loomba, Ania. *Colonialism/ Post Colonialism*.
10. Howells, Caroll Ann. *Jean Rhys*.
11. Thomas, Sue. *The Worliding of Jean Rhys*.
12. Thieme, John. *Derek Walcott*.
13. Sawhney, Brajesh. *Studies in the Literary Achievement of Louise Erdrich, Native American Writer: Fifteen Critical Essays*.

#### 4.6 English Language Teaching

##### UNIT-I

What language teaching is about? Distinction between L 1 and L 2 , Second

Language learning and bilingualism, second language versus foreign language learning and acquisition.

Language Teaching Theories, Grammar Translation or Traditional Method

The Direct Method

The Reading Method

## UNIT-II

The Teaching of Segmental Features of English  
The Supra Segmental Features of English  
Audio Visual and Supplementary Aids  
The use of Audio Visual aids in teaching, Aids Supplementary to text Books.

Language Teaching: The Construction and use of language tests techniques to test the production sound segments, techniques for testing of intonation.

Syntax : Sentence types – Simple, Compound, complex; Constituents, Immediate Constituents, IC Analysis;

## UNIT-III

Syntactic devices: Word order, Function words and content words, Government, concord.

Semantics : Semene, Types of meaning: Synonymy, Antonymy, Polysymy, Homonymy, Collocation, Sets.

Introduction to Phrase Structure Grammar.

Limitation to Phrase Structure Grammar

## Unit - VII

Teaching Communication Skills

Comprehension, Precis

Composition (guided and free)

Letter writing

Technology-aided communication

Role of ICT in the teaching of English

## Recommended Reading:

1. Lado, Robert: Language Testing.
2. Meras A Edmond :A Language Teachers Guide.
3. Stern, H.H.: Fundamental concepts of Language Teaching
4. Corder, S. Pit: Introducing Applied Linguistics
5. Ed. Kinsella, Valerie :Language Teaching and Linguistics : Surveys.
6. Ed. Jalling, Hans:Modern Language Teaching
7. Hayes, A.S.:LanguageLaboratory Facilities.
8. Nagaraj, Geetha: English Language Teaching, Orient Language Pvt. Ltd.

## 4.7 Cultural Studies

### Unit One: Beginnings and Early Perspectives

1. Matthew Arnold: Culture and Anarchy (Preface, Introduction, Chapter-I Sweetness and Light)
2. Antonio Gramsci, “The Intellectuals-Formation of the Intellectuals- Different Positions of Urban and Rural Type of Intellectuals” Part I of Chapter I of Selections from The Prison Notebooks .
3. Raymond Williams, “Culture is Ordinary” from Culture and Society: 1780-1950, (London: Chatto and Windus, 1958) or the new edition New York: Columbia University Press, 1963).
4. Stuart Hall, “Notes on Deconstructing the Popular” from Peoples’ History and Socialist Theory, ed, R Samuel

### Unit Two: Critique of Modernity

1. Walter Benjamin: “The Work of Art in the Age of its Technological Reproducibility”
2. Max Horkheimer and Theodor Adorno, “The Culture Industry: Enlightenment as Mass Deception”, From Horkheimer and Adorno, Dialectic of Enlightenment, New York: Herder and Herder,
3. Roland Barthes, “What is Myth Today?” from Mythologies (New York: Hill and Wang, 1872)
4. bell hooks: A Revolution of Values: The Promise of Multicultural ChangeTomlinson, John. *Globalization and Culture*

### Unit Three: Culture, Gender, Post-colonialism and Globalization

1. Laura Mulvey: “Visual Pleasure and Narrative Cinema”
2. Gayatri Chakravorty Spivak, “How to read a culturally different book?” from Francis Baker et al,ed, *Colonial Discourse, Post-colonial Theory*
- 3 Excerpt from Arjun Appadurai, Modernity at Large: Cultural Dimensions of Globalization.
- 4 Donna Haraway, “A Cyborg Manifesto: Science, Technology and Socialist Feminism in the Late Twentieth Century” from Haraway, Simians, Cyborg and Women: The Reinvention of Nature (New York: Rutledge, 1991)

### Unit Four: Some Examples/ Practices

- 1) Nation, Nationhood and its Fragments.

Text (Cinematic Text)

*Lagaan* (Film) Directed by Ashutosh Gowariker

- 2) Globalization and the Global South

Text (Cinematic Text)

*Slumdog Millionaire* Directed by Danny Boyle

- 3) Problematising the issues of Class, Caste and Gender

Text (Cinematic Text)

*Sairat* Directed by Nagraj Manjule

- 4) Bodies as Metaphors.

Literary Text

Helene Cixous: *The Laugh of the Medusa*

## Suggested Readings:

1. Williams, Raymond. Excerpts from ‘Culture’, Keywords, Rev. Ed. (New York: OUP, 1983), pp. 87-93 and 236-8.
2. Michel Foucault, 1993, Space, Power, Knowledge, Simon During (ed), Cultural Studies Reader, London, Routledge, p.134 – 141.

3. Brooker Peter. A Glossary of Cultural Theory, London. Arnold Pb. 2003
4. Halls, Stuart. 'Cultural Studies: Two Paradigms', Media, Culture and Society 2.1(1980):57-72.
5. Bell, David. An Introduction to cybercultures, London. Routledge. 2001.
6. Barker, Chris. Cultural Studies: Theory and Practice. London: Sage, 2003.
7. Barker, Chris, The Sage Dictionary of Cultural Studies. Sage, 2004.
8. Nayar, Pramod K, An Introduction to Cultural Studies. New Delhi: Viva Books, 2009.
9. Tony Bennett and John Frow, eds. The Sage Handbook of Cultural Analysis. Sage, 2008.
10. Andrew Milner, Contemporary Cultural Theory: An Introduction, Routledge, 2002.
11. Easthope, Anthony. Literary into Cultural Studies. London. Routledge. 1991.
12. Barthes, Roland: Mythologies, London: Vintage, 1990
13. Marx, Karl: Capital Volume I, London: Vintage, 1995
14. Sardar, Ziauddin. Introducing Cultural Studies. Icon Books. 2010.
15. Meenakshi Gigi Durham and Douglas M Kellner, eds, Media and Cultural Studies. Malden, MA: Blackwell, 2006.
16. Gramsci, Antonio. Selections from the Prison Notebooks. Ed and Tr. Q. Hoare and G. Nowell Smith. London: Lawrence and Wishart, 1971.
17. Spivak, Gayatri Chakravorty. In Other Worlds: Essays in Cultural Politics. London. Methuen, 1987.
18. Geertz, Clifford. The Interpretation of Cultures. New York, Basic Books. 1973.
19. Althusser, Louis. Lenin and Philosophy and Other Essays. Tr. Ben Brewster. New York: Monthly Review Press, 1971.
20. Bell, David. An Introduction to cybercultures, London. Routledge. 2001.
21. De Certeau, Michel. The Practice of Every Day Life. Tr. R. Johnson: London. U.C.P. 1988.
22. Hebdige, Dick. Subculture: The Meaning of Style. New York: Methuen, 1979.
23. Imre Szeman and Timothy Kaposy, Cultural Theory: An Anthology. Wiley Blackwell, 2010.
24. Toby Miller, ed. A Companion to Cultural Studies. Blackwell, 2001.
25. Andrew Edgar and Peter Sedgwick, Key Concepts in Cultural Theory, Routledge, 1999.
26. Anderson, Benedict. Imagined Communities. 1991. Verso. London.
27. Chatterjee, Partha, 'Whose Imagined community' in The Nation and Its Fragments, Colonial and Post Colonial Histories, Princeton, 1993.
28. Nandy, Ashis, Extract, Bonfire of Creeds, Delhi: OUP, 2004, p.108-129.
29. Nandy, Ashis et al, Extract, Creating a Nationality, Delhi: OUP, 1995.
30. Niranjana, Tejaswini. 'Integrating Whose Nation? Tourists and Terrorists in 'Roja''. Economic and Political Weekly. 15 January 1994, 79-82.
31. Chakravarty, Venkatesh and M S Pandian. 'More on Roja'. Economic and Political Weekly. 12 March 1994, 642-645.
32. Niranjana, T. Roja revisited. 'Economic and Political Weekly' 29(21): May 1994:1299.
33. Dirks, Nicholas B. 'The Home and the Nation: Consuming Culture and Politics in Roja'. Pleasure and the Nation: The History, Politics and Consumption of Public Culture in India. Eds. Rachel Dwyer and Christopher Pinney. Oxford University Press: New Delhi, 2001. 161-185.
34. Das, Veena. 'Cultural rights and the Definition of Community' in Oliver Mendelsohn and Upendra Baxi (ed.): The rights of subordinated peoples, Delhi: Oxford University Press, 1994, p.117-158.
35. Appadurai, Arjun, Global Disjuncture and Cultural Difference in Simon During (ed), Cultural Studies Reader, London, Routledge, p.220 – 230.
36. Soja, Edward. 1993. 'History: Geography: Modernity, in Simon During (ed), Cultural Studies Reader, London, Routledge, p.113 – 125.
37. Said, Edward, extract from Orientalism, 'Introduction'
38. Ahmad, Aijaz (1992) 'Orientalism and After: Ambivalence and Cosmopolitan Location in the Work of Edward Said' in EPW, 25 July.
39. Niranjana, Tejaswini, P. Sudhir, and Vivek Dhareshwar (1993) eds. 'Introduction'. Interrogating Modernity: Culture and Colonialism in India. Calcutta: Seagull, pp. 1-18.
40. Sen, Amartya (2004) 'How Does Culture Matter' in Vijayendra Rao and Michael Walton (eds.) Culture and Public Action, New Delhi: Permanent Black, p.37-58.
41. Ambedkar, B.R., Annihilation of Caste, New Delhi: Navayana, 2014

## **4.8 Translation Studies**

### **Unit – I: Introducing Translation Studies**

1. What is Translation?, The Process of Translation, The Qualities of a Translator
2. Language Varieties in Translation & On Equivalence (Text and Culture)
3. Types of Translation/Modes of translation, such as:
  - a. Semantic / Literal translation
  - b. Free / sense/ literary translation
  - c. Functional / communicative translation
  - d. Technical / Official/Machine Translation
  - e. Transcreation/ Interpretation/ Transliteration
 (Other types: Partial vs. total translation, text-oriented vs. reader-oriented translation, literal vs. free translation, intralingual vs. interlingual translation)
4. The Significance and Relevance of Translation, Translation and Comparative Literature
5. Translation Dynamics and Language Development with Special Reference to Hindi/Marathi Translation
6. Communication, Mass Media and the Challenge of Translation/ Translating Advertisements: Some Problems



**Unit – II: Theories of Translation**

- a) Walter Benjamin: 'The Task of the Translator' from *The Translation Studies Reader*, Ed. by L. Venuti, Routledge Publication, 2000.  
b) Eugene Nida 'Principles of Translation as exemplified by Bible Translating'. R. A. Brower (ed.): On Translation, New York, OUP.  
c) Jakobson, Roman: "On Linguistic Aspects of Translation" from *The Translation Studies Reader*, Ed. by L. Venuti, Routledge Publication, 2000.  
d) Bassnett Susan: 'Postcolonial Translation: Theory and Practice' (1998) Bassnett S, Lefevere A. 1998 'Constructing Cultures'. [The Translation Turn in Cultural Studies. pp 123-140].

**Unit - III: Aspects of Translation**

- a) Problems in Translation (Challenges and Remedies )  
b) Limits of Translation  
c) Translatability and untranslatability  
d) Roles of Translator

**Unit-IV: Close study of the SL and TL texts to understand the nuances of translation**

Study of the Structures of English and Hindi

Study of the Structures of English and Marathi

Translating Literary texts

Translation and Culture

Close study of the SL and TL texts to understand the nuances of translation Marathi/Hindi texts translated into English for study

The following **Poems from Chitre, Dilip trans. (1991) Says Tuka**

- i) I was only dreaming, ii) If only you would, iii) How I utterly lost my hold on reality, iv) I scribble and cancel it again, v) Some of you may say, vi) To arrange words, vii) When my father died

**Short Stories**

- i) Gangadhar Gadgil: Soni, Our Cow (Trans by Gangadhar Gadgil)  
ii) Munshi Premchand: 'Kafan' (Trans as 'The Shroud' by Frances W. Pritchett)

**Autobiography:**

Laxman Gaikwad: *The Branded* (a translation of his [autobiographical novel](#) *Uchalaya*)

**Prescribed Texts:**

- 1) *Translation and Interpreting* ed. by Gargesh, R. & Goswami, K. K. New Delhi: Orient Longman Private Limited, 2007.
- 2) *The Translation Studies Reader*, Ed. by L. Venuti, Routledge Publication, 2000.
- 3) Chitre, Dilip (Trans) *Says Tuka*. Penguin Books, 1991.
- 4) Laxman Gaikwad: *The Branded* translated by P.A. Kolharkar published by Sahitya Akademi (1 September 1999)

**Suggested Readings:**

Basnett, S. and Lefevere, A. ed. 1990. *Translation, History and Culture*. London: Princeton University Press.  
Basnett, S. *Translation Studies*. London: Methuen.  
Catford, J. C. 1965. *A Linguistic Theory of Translation*. Oxford University Press.  
Chaudhuri, S. 1999. *Translation and Understanding*. Oxford University Press.  
Gargesh, R. and K.K. Goswami (eds). 2007. *Translation and Interpreting*. Delhi: Orient Longman Pvt. Ltd.  
Lal, P. 1996. *Transcreation*. Calcutta: Writers Workshop.  
Mukherjee, S. 1981. *Translation as Discovery*. Delhi: Allied Publishers.  
Newmark, P. 1981. *Approaches to Translation*. Pergamon Press.  
Niranjana, T. 1992. *Siting Translation*. University of California Press.  
Nida, Eugene A. 1975. *Language, Structure and Translation (Essays selected by A. S. Dil)*. Stanford University Press.  
Nida, Eugene A. & C. R. Taber. 1974. *The Theory and Practice of Translation*. Leiden: E. J. Brill.  
Ramakrishna, S. ed. 1997. *Translation and Multilingualism*. Delhi: Pencraft.  
Singh, Udaya Narayana. 2009. *Translation as Growth*. Delhi: Pearson/Longman.  
Somers, H. (ed) 2003. *Computers and Translation: A Translator's Guide*. Amsterdam: John Benjamins.  
Venuti, L. (ed.), 1992. *Rethinking Translation: Discourse, Subjectivity, and Ideology*. London: Routledge Publishers.

**4.9 Alternative Literature**

**Unit I: Dalit literature ( Selected Pieces from 'Poisoned Bread' ed. by Arjun Dangle, Orient Black Swan Pub.)**

- a) Arjun Dangle: *Dalit Literature Past, Present and Future* (Introduction to *POISONED BREAD*: Orient Black Swan, 2009)  
b) Shankarrao Kharat: A Corpse in the Well  
c) Anna Bhau Sathe: Gold from the Grave  
d) Namdev Dhasal: 1) "The Day She was Gone" 2) "New Delhi 1985"  
3) "On the Way to the Dargah"

**Unit II: LGBT Literature from India**

- a) Aweek Sen : Preludes (from 'The Phobic and erotic' by ed. By Brinda Bose and Subhabrata Bhattacharya)  
b) Ruth Vanita : Preface and part I introduction : Ancient Indian Materials  
(from 'Same-Sex Love in India' ed. by Ruth Vanita and Saleem Kidwai )  
c) Sandhya Gokhale: Quest (2006)- Popular Prakashan Mumbai  
d) R. Raj Rao: Sex, Sexuality, Gender and Culture ( first chapter from " Criminal Love ?"  
: Queer Theory, culture, and Politics in India, Sage Publication

**Unit III: Children's Literature**

- a. Lewis Carol: Alice's Adventures in Wonderland
- b. C.S. Lewis: Narnia Series- The Lion, the Witch and the Wardrobe
- c. R.L. Stevenson: The Treasure Island
- d. J. K. Rowling: The Philosopher's Stone/ The Order of Phoenix

**Unit IV: Science Fiction and Fantasy**

- a) Jules Verne: Journey to the Centre of the World
- b) Mary Shelley: Frankenstein
- c) Aldous Huxley: Brave New World
- d) William Gibson: Neuromancer

**Recommended Readings:**

- Aston, N.M. Ed. (2001) *Dalit Literature and African-American Literature*. New Delhi: Prestige Books. [ISBN 81-7551-116-8](#).
- Chakraborty, Mridula Nath and MacCarter, Kent (2016) [Issue 55.1: Dalit Indian and Indigenous Australian Cordite Poetry Review](#), full issue in translation.
- Dangle, Arjun (1992) Ed. [Poisoned Bread: Translations from Modern Marathi Dalit Literature](#). Hyderabad: Orient Longman.
- Dasan, M. Pratibha, V. Chandrika, C.S. and Pradeepan Pampirikunnu (2012) Eds. [The Oxford India Anthology of Malayalam Dalit Writing](#), OUP India
- Dutta, Angana and Sarangi, Jaydeep (2015) Trans. Eds. *Surviving in My world: Growing up Dalit in Bengal*. Kolkata: Stree-Samya.
- Sarangi, Jaydeep Ed. "Stories of Social Awakening: Jatin Bala", Authorspress, New Delhi, 2017
- Franco, Fernando, Macwan, Jyotsna & Ramanathan, Suguna (2004) *Journeys to Freedom: Dalit Narratives*. Bombay: Popular Prakashan. [ISBN 81-85604-65-7](#), [ISBN 978-81-85604-65-7](#).
- [Limbale, Sharankumar](#). (2004) *Towards an Aesthetic of Dalit Literature* Orient Longman. [ISBN 81-250-26568](#).
- Manohar, D. Murali (2013) Ed. *Critical Essays on Dalit Literature*. New Delhi: Atlantic. [ISBN 9788126917846](#).
- Manohar, D. Murali (2013) Ed. *Dalit Hindu Narratives*, New Delhi: Global, 2013. [ISBN 9788189630799](#)
- Prasad, Amar Nath and Gaijan, M.B. (2007) *Dalit Literature : A Critical Exploration*. [ISBN 81-7625-817-2](#).
- Purushotham, K. (2013) Trans. and Ed. *Black Lilies: Telugu Dalit Poetry* New Delhi: Critical Quest.
- [Ravikumar](#) and Azhagarasan, R (2012) Eds. [The Oxford Anthology of Tamil Dalit Writing](#). New Delhi: OUP India. [ISBN 978-0-19-807938-5](#)
- [Ravikumar](#) (2009) [Venomous Touch: Notes on Caste, Culture and Politics](#). Calcutta: Samaya
- [Satyanarayana, K & Tharu, Susie](#) (2011) *No Alphabet in Sight: New Dalit Writing from South Asia, Dossier 1: Tamil and Malayalam*, New Delhi: Penguin Books.
- [Satyanarayana, K & Tharu, Susie](#) (2013) *From those Stubbs Steel Nibs are Sprouting: New Dalit Writing from South Asia, Dossier 2: Kannada and Telugu*, New Delhi: HarperCollins India.
- Satyanarayana, K and Tharu, Susie (2013). *The Exercise of Freedom: An Introduction to Dalit Writing*. New Delhi: Navayana. p. 21. [ISBN 9788189059613](#).
- Uma, Alladi. Rani, K. Suneetha. and Manohar, D. Murali. (2014) Eds. *English in the Dalit Context*. New Delhi: Orient Blackswan.
- *Same Sex-Love in India (2000)* by Ruth Vanita and Salim Kidwai.
- *.Queering India(2002)* by Ruth Vanita
- *YARAANA(1999)* by Hoshang Merchant
- *FACING THE MIRROR(1999)* by Ashwini Sukthankar
- *FORBIDDEN SEX/ FORBIDDEN TEXT (2008)* by Hoshang Merchant
- *BOY FRIEND(2003)* by R.Raj Rao
- *HOSTEL ROOM NO.131(2010)* by R.Raj Rao
- *Phobic and the Erotic: The Politics of Sexualities in the Contemporary India* by Brinda Bose and Subhabrata Bhattacharya etc.
- Hoshang Merchant's *Forbidden Sex and Forbidden Texts*
- Ruth Vanita's *Queering India(2002)*
- Michel Foucault's multi-volume *History of Sexuality* (1976-1984)
- Eve-Sedgwick's *Epistemology of the Closet(1990)* and *Between Men: English Literature and Male Homosocial Desire(1985)*
- Judith Butler's *Gender Trouble: Feminism and the subversion of Identity* (1990)
- Anderson, Nancy (2006). *Elementary Children's Literature*. Boston: Pearson Education. [ISBN 0-205-45229-9](#).
- Chapleau, Sebastien (2004). *New Voices in Children's Literature Criticism*. Lichfield: Pied Piper Publishing. [ISBN 978-0-9546384-4-3](#).
- Hahn, Daniel (2015). *The Oxford Companion to Children's Literature*. Oxford: Oxford University Press. [ISBN 978-0-19-969514-0](#).

- *Huck, Charlotte (2001). Children's Literature in the Elementary School, 7th ed. New York: McGraw-Hill. [ISBN 0-07-232228-4](#).*
- *Hunt, Peter (1991). Criticism, Theory, and Children's Literature. Oxford: Blackwell. [ISBN 0-631-16231-3](#).*
- *Lesnik-Oberstein, Karin (1996). "Defining Children's Literature and Childhood". In Hunt, Peter. International Companion Encyclopedia of Children's Literature. London: Routledge. pp. 17–31. [ISBN 0-415-08856-9](#).*
- *Lesnik-Oberstein, Karin (1994). Children's Literature: Criticism and the Fictional Child. Oxford: Clarendon Press. [ISBN 0-19-811998-4](#).*
- *Lesnik-Oberstein, Karin (2004). Children's Literature: New Approaches. Basingstoke: Palgrave. [ISBN 1-4039-1738-8](#).*
- *May, James E., [Recent Studies \(1985–2016\) of Children's Literature, Chapbooks, and Works Related by Form or Audience and Printed 1660–1840](#) – via [Bibliographical Society of America](#). 2003-. (Bibliography) *
- *Reynolds, Kimberley (2011). Children's Literature: A Very Short Introduction. Oxford: Oxford University Press. [ISBN 978-0-19-956024-0](#).*
- *Rose, Jacqueline (1984). The Case of Peter Pan or the Impossibility of Children's Fiction (1993 ed.). Philadelphia: University of Pennsylvania Press. [ISBN 0-8122-1435-8](#).*
- *Wolf, Shelby (2010). Handbook of Research in Children's and Young Adult Literature. Cambridge: Routledge. [ISBN 978-0-415-96506-4](#).*
- *Zipes, Jack, ed. (2006). The Oxford Encyclopedia of Children's Literature. Oxford: Oxford University Press. [ISBN 978-0-19-514656-1](#).*
- *[Aldiss, Brian](#). Billion Year Spree: The True History of Science Fiction, 1973.*
- *Aldiss, Brian, and [Wingrove, David](#). Trillion Year Spree: The History of Science Fiction, revised and updated edition, 1986.*
- *[Amis, Kingsley](#). New Maps of Hell: A Survey of Science Fiction, 1958.*
- *Barron, Neil, ed. Anatomy of Wonder: A Critical Guide to Science Fiction (5th ed.). Westport, Conn.: Libraries Unlimited, 2004. [ISBN 1-59158-171-0](#).*
- *[Broderick, Damien](#). Reading by Starlight: Postmodern Science Fiction. London: Routledge, 1995. Print.*
- *[Clute, John](#) Science Fiction: The Illustrated Encyclopedia. London: Dorling Kindersley, 1995. [ISBN 0-7513-0202-3](#).*
- *[Clute, John](#) and [Peter Nicholls](#), eds., [The Encyclopedia of Science Fiction](#). St Albans, Herts, UK: Granada Publishing, 1979. [ISBN 0-586-05380-8](#).*
- *[Clute, John](#) and [Peter Nicholls](#), eds., [The Encyclopedia of Science Fiction](#). New York: St Martin's Press, 1995. [ISBN 0-312-13486-X](#).*
- *[Disch, Thomas M](#). The Dreams Our Stuff Is Made Of. New York: The Free Press, 1998. [ISBN 978-0-684-82405-5](#).*
- *[Jameson, Fredric](#). Archaeologies of the Future: This Desire Called Utopia and Other Science Fictions. London and New York: Verso, 2005.*
- *[Milner, Andrew](#). Locating Science Fiction. Liverpool: Liverpool University Press, 2012.*
- *[Raja, Masood Ashraf](#), Jason W. Ellis and Swaralipi Nandi. eds., The Postnational Fantasy: Essays on Postcolonialism, Cosmopolitics and Science Fiction. McFarland 2011. [ISBN 978-0-7864-6141-7](#).*
- *Reginald, Robert. Science Fiction and Fantasy Literature, 1975–1991. Detroit, MI/Washington, D.C./London: Gale Research, 1992. [ISBN 0-8103-1825-3](#).*
- *[Scholes, Robert E.](#); [Rabkin, Eric S.](#) (1977). [Science fiction: history, science, vision](#). Oxford University Press. [ISBN 0-19-502174-6](#).*
- *[Suvin, Darko](#). Metamorphoses of Science Fiction: on the Poetics and History of a Literary Genre. New Haven : Yale University Press, 1979.*
- *Weldes, Jutta, ed. To Seek Out New Worlds: Exploring Links between Science Fiction and World Politics. New York: Palgrave Macmillan, 2003. [ISBN 0-312-29557-X](#).*
- *Westfahl, Gary, ed. The Greenwood Encyclopedia of Science Fiction and Fantasy: Themes, Works, and Wonders (three volumes). Westport, Conn.: Greenwood Press, 2005.*
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## Appendix-B

एम. ए. (मराठी) : सत्र तिसरे**आवश्यक पत्रिका  
घटक :****पत्रिका १ : उपयोजित मराठी**

१. कार्यालयीन पत्रव्यवहार, टिप्पणी लेखन
२. इतिवृत्त लेखन, अहवाल लेखन
३. स्व-परिचय पत्र, नोकरीसाठी अर्जलेखन
४. माहिती पत्रक, जाहीर निवेदन
५. जाहिरात लेखन
६. निमंत्रण पत्रिका, कार्यक्रम पत्रिका
७. सारांश लेखन
८. लेखनविषयक नियम व मुद्रितशोधन

**संदर्भग्रंथ :**

- १) व्यावहारिक मराठी, डॉ. लीला गोविलकर, डॉ. जयश्री पाटणकर, स्नेहवर्धन पब्लिशिंग हाऊस पुणे, २००४.
- २) व्यावहारिक मराठी, ल. रा. नसिराबादकर, फडके प्रकाशन, कोल्हापूर, आठवी आवृत्ती, २००८.
- ३) उपयोजित मराठी, डॉ. ग. ना. जोगळेकर कृतज्ञता ग्रंथ, संपा. डॉ. केतकी मोडक व इतर, पद्मगंधा प्रकाशन, पुणे, २०१२.
- ४) उपयोजित मराठी, डॉ. संजय संभाजी लांडगे, दिलीपराज प्रकाशन प्रा. लि., पुणे, २०११.
- ५) उपयोजित मराठी व प्रसार माध्यमांची कार्यशैली, संपा. डॉ. संदीप सांगळे, डायमंड पब्लिकेशन्स, पुणे.
- ६) मराठी भाषा : संचित आणि नव्या दिशा, संपा. विजय कुवळेकर, डी. वाय. पाटील अभिमत विद्यापीठ, पुणे, २०१६.

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**आवश्यक पत्रिका  
घटक :****पत्रिका २ : भाषाविज्ञान**

१. भाषेचे स्वरूप व कार्य : ध्वनी आणि अर्थ
२. भाषाभ्यासाच्या पद्धती : ऐतिहासिक, वर्णनात्मक, तौलनिक, उपयोजित, समाजभाषाविज्ञान
३. भाषिक व भाषेतर संप्रेषण व्यवहार, उच्चार व लेखन यांतील भेद.
४. वर्णनात्मक भाषाविज्ञानाची अंगे : स्वन, स्वनिम, स्वनांतर, पद, पदिम, पदांतर, वाक्यविचार, अर्थविचार.

**संदर्भग्रंथ :**

- १) भाषाविज्ञान परिचय, डॉ. स. गं. मालशे व इतर, पद्मगंधा प्रकाशन, पुणे, द्वितीय आवृत्ती, २००५.
- २) भाषाविज्ञान : वर्णनात्मक व ऐतिहासिक, डॉ. स. गं. मालशे व इतर, पद्मगंधा प्रकाशन, पुणे, सुधारित तृतीय आवृत्ती, २००५.
- ३) आधुनिक भाषाविज्ञान (संरचनावादी आणि सामान्य), संपा. कल्याण काळे, डॉ. अंजली सोमण, प्रतिमा प्रकाशन, पुणे, १९९९.
- ४) आधुनिक भाषाविज्ञान : सिद्धांत आणि उपयोजन, मिलिंद मालशे, लोकवाङ्मय गृह, मुंबई, चौथी आवृत्ती, २००९.
- ५) मराठीचा भाषिक अभ्यास, संपा. मु. श्री. कानडे
- ६) वैखरी : भाषा आणि भाषाव्यवहार, अशोक रा. केळकर, स्नेहवर्धन प्रकाशन, पुणे.
- ७) सामाजिक भाषाविज्ञान, डॉ. रमेश धोंगडे, दिलीपराज प्रकाशन प्रा. लि., पुणे, द्वितीय आवृत्ती, २०१२.

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**ऐच्छिक पत्रिका  
घटक :****पत्रिका ३ : अ) विशेष ग्रंथकार संत चोखामेळा**

१. संत चोखामेळा : व्यक्ती आणि वाङ्मय, संपा. भालचंद्र नेमाडे, शब्दालय प्रकाशन, श्रीरामपूर.

**संदर्भग्रंथ :**

- १) महाद्वाराच्या पायरीशी, संपा. हेमंत इनामदार, ल. रा. नसिराबादकर, हेमंत प्रकाशन, कोल्हापूर, १९९०.
- २) जोहार चोखोबा, संपा. सचिन परब व श्रीरंग गायकवाड, नाग-नालंदा प्रकाशन, विशालनगर, जि. सांगली.



किंवा

ऐच्छिक पत्रिका पत्रिका ३ : ब) विशेष ग्रंथकार विभावरी शिरूरकर (मालतीबाई बेडेकर)

घटक :

१. कथासंग्रह : कळ्यांचे निःश्वास, पॉप्युलर प्रकाशन, मुंबई.
२. कादंबरी : बळी, देशमुख अँड कंपनी पब्लिशर्स प्रा. लि., पुणे.
३. कादंबरी : खरे मास्तर, पॉप्युलर प्रकाशन, मुंबई.
४. वैचारिक/ललित : मनस्विनीचं चिंतन, पॉप्युलर प्रकाशन, मुंबई.

संदर्भग्रंथ :

- १) भारतीय साहित्याचे निर्माते — विभावरी शिरूरकर, अरुणा श्री. दुभाषी, साहित्य अकादमी २०११.
- २) धार आणि काठ, नरहर कुरुंदकर.
- ३) मराठी लेखिका : चिंता आणि चिंतन, भालचंद्र फडके.
- ४) विभावरीचे टिकाकार, संपा. द्वा. भ. कर्णीक प्र. पु. नाडकर्णी.
- ५) मराठी साहित्य समाज आणि संस्कृती, आनंद यादव, मेहता पब्लिशिंग हाऊस, पुणे.
- ६) मराठी कादंबरी : पहिले शतक, कुसुमावती देशपांडे.

किंवा

ऐच्छिक पत्रिका पत्रिका ३ : क) विशेष ग्रंथकार नागनाथ कोत्तापल्ले

घटक :

१. कथासंग्रह : राजधानी, पद्मगंधा प्रकाशन, पुणे.
२. कादंबरी : गांधारीचे डोळे, सायन पब्लिकेशन्स प्रा. लि., पुणे.
३. ललित : उद्याच्या सुंदर दिवसासाठी, सायन पब्लिकेशन्स प्रा. लि., पुणे.
४. कविता : मूडस् आणि नंतरच्या कविता, सायन पब्लिकेशन्स प्रा. लि., पुणे.

संदर्भग्रंथ :

- १) समकालीन साहित्य, संपा. मनोहर जाधव, श्रीकांत देशमुख, प्रतिमा प्रकाशन, पुणे.
- २) नागनाथ कोत्तापल्ले : साहित्य व समीक्षा, डॉ. शंकर राऊत, स्वरूप प्रकाशन, औरंगाबाद.
- ३) नागनाथ कोत्तापल्ले : सार्थक साहित्यप्रवास, संभाजी मलगे, अक्षरमानव प्रकाशन, पुणे.
- ४) नागनाथ कोत्तापल्ले : व्यक्ती आणि वाङ्मय, संपा. शैलेश त्रिभुवन, शब्दाली प्रकाशन, पुणे.
- ५) नागनाथ कोत्तापल्ले यांचे साहित्य, संपा. पृथ्वीराज तौर, चांदवडकर, अथर्व प्रकाशन, जळगाव.
- ६) नागनाथ कोत्तापल्ले : व्यक्ती आणि वाङ्मय, संपा. संजय शिंदे, चिन्मय प्रकाशन, औरंगाबाद.

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ऐच्छिक पत्रिका पत्रिका ४ : अ) ग्रामीण साहित्य

घटक :

१. ग्रामीण साहित्याची संकल्पना व स्वरूप
  - १.१ ग्रामीण साहित्याची व्याख्या
  - १.२ ग्रामीण साहित्याचे स्वरूप
  - १.३ ग्रामीण साहित्याच्या प्रेरणा
  - १.४ ग्रामीण साहित्य आणि चळवळ
२. साहित्यकृती : विषवृक्षाच्या मुळ्या, वासुदेव मुलाटे, स्वरूप प्रकाशन, औरंगाबाद.
३. साहित्यकृती : उखडलेली झाडे, आनंद यादव, मेहता पब्लिशिंग हाऊस, पुणे.
४. साहित्यकृती : सुगरणचा खोपा, प्रतिमा इंगोले.
५. साहित्यकृती : काया मातीत मातीत, विठ्ठल वाघ, देशमुख अँड कंपनी प्रा. लि., पुणे.

संदर्भग्रंथ :

- १) ग्रामीण साहित्य : स्वरूप आणि समस्या, आनंद यादव, मेहता पब्लिशिंग हाऊस, पुणे.
- २) ग्रामीणता : साहित्य आणि वास्तव, आनंद यादव, मेहता पब्लिशिंग हाऊस, पुणे.
- ३) ग्रामीण साहित्य : स्वरूप आणि शोध, डॉ. नागनाथ कोत्तापल्ले, मेहता पब्लिशिंग हाऊस, पुणे.
- ४) ग्रामीण साहित्य, वासुदेव मुलाटे
- ५) ग्रामीण साहित्य : एक चिंतन, डॉ. द. ता. भोसले, मनोविकास प्रकाशन, मुंबई, २००९.
- ६) ग्रामीण वाङ्मयाचा इतिहास, चंद्रकुमार नलगे, रिया पब्लिकेशन्स, कोल्हापूर.
- ७) ग्रामीण वाङ्मयाचा इतिहास, संपा. रामचंद्र काळुंखे, कैलास पब्लिकेशन्स, औरंगाबाद.
- ८) साहित्यातील नवे प्रवाह : आकलन आणि अन्वयार्थ, डॉ. माधव पुटवाड, सुविद्या प्रकाशन, पुणे.
- ९) अन्वय, माधव पुटवाड, बळीवंश प्रकाशन, नांदेड.
- १०) साहित्यिक आनंद यादव, डॉ. रवींद्र ठाकूर, बळीवंत प्रकाशन, नांदेड.
- ११) साहित्याचे वर्तन आणि वर्तमान, डॉ. प्रल्हाद लुलेकर, साकेत प्रकाशन, औरंगाबाद.

किंवा

ऐच्छिक पत्रिका  
घटक :

पत्रिका ४ : ब) दलित साहित्य

१. दलित साहित्याची संकल्पना व स्वरूप
  - १.१ दलित साहित्य : प्रेरणा व स्वरूप
  - १.२ दलित साहित्य आणि दलित चळवळ
२. साहित्यकृती : मरण स्वस्त होत आहे, बाबुराव बागुल, लोकवाङ्मय गृह, मुंबई.
३. साहित्यकृती : जिणं आमुचं, बेबी कांबळे
४. साहित्यकृती : गोलपिठा, नामदेव ढसाळ
५. साहित्यकृती : माकडीचा माळ, अण्णाभाऊ साठे

संदर्भग्रंथ :

- १) दलित साहित्य : वेदना आणि विद्रोह, भालचंद्र फडके, श्रीविद्या प्रकाशन, पुणे
- २) दलित साहित्य : प्रवाह आणि प्रकार, डॉ. अविनाश सांगोलेकर, प्रतिमा प्रकाशन, पुणे.
- ३) दलित साहित्य : एक अभ्यास, अर्जुन डांगळे, म. रा. सा. सं. मंडळ, मुंबई.
- ४) दलित साहित्य : स्वरूप व भूमिका, वामन निंबाळकर, प्रबोधन प्रकाशन, नागपूर.
- ५) दलित साहित्य : चर्चा आणि चिंतन, गंगाधर पानतावणे, साकेत प्रकाशन, औरंगाबाद.
- ६) दलित साहित्य : आजचे क्रांतिविज्ञान, बाबुराव बागुल, बुद्धिस्ट प्रकाशन, नागपूर.
- ७) दलित साहित्य : दिशा व दिशांतर, दत्ता भगत
- ८) दलित साहित्याच्या निमित्ताने, सदा कऱ्हाडे, अभिनव प्रकाशन, मुंबई.
- ९) निळी पहाट, रा. ग. जाधव, श्रीविद्या प्रकाशन, पुणे.
- १०) दलित साहित्य : सिद्धांत आणि स्वरूप, यशवंत मनोहर
- ११) दलित कविता, म. सु. पाटील, लोकवाङ्मय गृह, मुंबई
- १२) दलित साहित्य : एक आकलन, बाळकृष्ण कवठेकर, अजब पुस्तकालय, कोल्हापूर
- १३) समग्र लेखक बाबुराव बागुल, संपा. कृष्णा किरवले
- १४) बाबुराव बागुल : व्यक्ती आणि वाङ्मय, सुखदेव ढाणेकर, स्वरूप प्रकाशन, औरंगाबाद, दुसरी आवृत्ती, २००६.
- १५) स्त्री आत्मकथन, संपा. प्रा. चंद्रकुमार नलगे, डॉ. गंगाधर पानतावणे, सुरेश एजन्सी, पुणे, १९९०.
- १६) दलित साहित्य आणि ललित, गो. म. कुलकर्णी
- १७) मराठी कवितेच्या नव्या दिशा, महेंद्र भवरे, लोकवाङ्मय गृह, मुंबई, २००७.
- १८) दलित साहित्याचे सौंदर्यशास्त्र, शरणकुमार लिंबाळे, दिलीपराज प्रकाशन, पुणे.
- १९) दलित साहित्य : चर्चा-चिंतन-समीक्षा, डॉ. चिंतामण कांबळे, कस्तुरी प्रकाशन, अमळनेर, जि. जळगाव.
- २०) दलित साहित्य : प्रेरणा आणि स्वरूप, दिलीपराज प्रकाशन प्रा. लि., पुणे.

किंवा

ऐच्छिक पत्रिका  
घटक :

पत्रिका ४ : क) स्त्रीवादी साहित्य

१. स्त्रीवादी साहित्य : संकल्पना व स्वरूप
  १. स्त्रीवादी साहित्य : व्याख्या
  २. स्त्रीवादी साहित्य : स्वरूप व वैशिष्ट्ये
  ३. पाश्चात्य स्त्रीवादी साहित्याचा संक्षिप्त परिचय
  ४. मराठी स्त्रीवादी साहित्याचा संक्षिप्त परिचय
५. साहित्यकृती : स्त्रीपुरुष तुलना, ताराबाई शिंदे, संपा. विलास खोले, प्रतिमा प्रकाशन, पुणे.
६. साहित्यकृती : काव्यफुले, सावित्रीबाई फुले, सावित्रीबाई फुले समग्र वाङ्मय, संपा. डॉ. मा. गो. माळी, म. रा. साहित्य आणि संस्कृती मंडळ, मुंबई.
७. साहित्यकृती : ब्र, कविता महाजन राजहंस प्रकाशन, पुणे.
८. साहित्यकृती : वेणा (कवितासंग्रह), नीरजा, मैत्रेय प्रकाशन, मुंबई, सुधारित आवृत्ती, २००९.

संदर्भग्रंथ :

- १) मराठी विश्वकोश, खंड २०वा
- २) वाङ्मयीन संज्ञा-संकल्पना कोश, संपा. प्रभा गणोरकर व इतर, ग. रा. भटकळ फाउण्डेशन, मुंबई, २००१.
- ३) मराठी वाङ्मयकोश खंड चौथा समीक्षा-संज्ञा, समन्वयक संपादक विजया राजाध्यक्ष, म. रा. साहित्य आणि संस्कृती मंडळ, मुंबई, २००२.
- ४) संदर्भासहित स्त्रीवाद(स्त्रीवादाचे समकालीन चर्चाविश्व), संपा. वंदना भागवत व इतर, शब्द पब्लिकेशन्स, मुंबई, २०१४.
- ५) स्त्रीवाद, संपा. सुमती लांडे, शब्दालय प्रकाशन, श्रीरामपूर, २००७.

- ६) स्त्रीवाद आणि मराठी साहित्य, डॉ. वंदना महाजन, विजय प्रकाशन, नागपूर, २०१३.  
 ७) स्त्रीवादी विचार आणि समीक्षेचा मागोवा, डॉ. शोभा पाटील, स्नेहवर्धन प्रकाशन, पुणे, २००७.  
 ८) स्त्रीवादी सामाजिक विचार, विद्युत भागवत, डायमंड पब्लिकेन्स, पुणे.  
 ९) स्त्रीवादी समीक्षा : संकल्पना व उपयोजन, संपा. डॉ. मंगला वरखेडे, का. स. वाणी मराठी प्रगत अध्ययन संस्था, धुळे.  
 १०) साहित्यातील नवे प्रवाह : आकलन आणि अन्वयार्थ, डॉ. माधव पुटवाड, सुविद्या प्रकाशन, पुणे.  
 ११) अर्वाचीन मराठी काव्यमीमांसा(डॉ. अक्षयकुमार काळे गौरवग्रंथ), संपा. डॉ. राजेंद्र नाईकवाडे व इतर, पद्मगंधा प्रकाशन, पुणे, २०१४.

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**एम. ए. (मराठी) : सत्र चवथे**

**आवश्यक पत्रिका**

**घटक :**

**पत्रिका १ : उपयोजित मराठी**

१. प्रसारमाध्यमांसाठी लेखन
२. ग्रंथ परीक्षण
३. संपादन प्रक्रिया
४. भाषांतर प्रक्रिया
५. भाषण व वक्तृत्व, सूत्रसंचालन कला
६. शोधनिबंधाचे लेखन
७. कोशवाङ्मयासाठी लेखन
८. संगणकावरील मराठीचे लेखन
९. इंटरनेटचा वापर व मराठी, मराठी संकेतस्थळे, ब्लॉगलेखन
१०. सामाजिक माध्यमांवरील मराठी : ट्वीटर, फेसबुक इत्यादी

**संदर्भग्रंथ :**

- १) उपयोजित मराठी(डॉ. ग. ना. जोगळेकर कृतज्ञता ग्रंथ), संपा. डॉ. केतकी मोडक व इतर, पद्मगंधा प्रकाशन, पुणे, २०१२.
- २) उपयोजित मराठी, डॉ. संजय संभाजी लांडगे, दिलीपराज प्रकाशन प्रा. लि., पुणे, २०११.
- ३) उपयोजित मराठी व प्रसार माध्यमांची कार्यशैली, संपा. डॉ. संदीप सांगळे, डायमंड पब्लिकेशन्स, पुणे.
- ४) भाषांतर मीमांसा, संपा. डॉ. कल्याण काळे, डॉ. अंजली सोमण, प्रतिमा प्रकाशन, पुणे.
- ५) शोधनिबंधाची लेखनपद्धती, स. गं. मालशे, लोकवाङ्मय गृह, मुंबई, तृतीय आवृत्ती २००७.
- ६) मराठी भाषा : संचित आणि नव्या दिशा, संपा. विजय कुवळेकर, डी. वाय. पाटील अभिमत विद्यापीठ, पुणे, २०१६.

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**आवश्यक पत्रिका**

**घटक :**

**पत्रिका २ : भाषाविज्ञान**

१. मराठीची पूर्वपीठिका व उत्पत्ती : भाषाकुलाची संकल्पना, आर्यभाषाकुल व आर्यभारतीय भाषा - मराठी भाषा उत्पत्ती व उत्पत्ती काल.
२. मराठीचा कालिक अभ्यास : यादवकाळ, बहामनीकाळ, शिवकालीन मराठी, पेशवेकालीन मराठी, आंग्लकालीन मराठी
३. मराठीच्या प्रमुख बोली : वऱ्हाडी, नागपुरी, अहिराणी, कोकणी, डांगी.
४. अन्य भाषांचा मराठीवरील परिणाम : फारशी, इंग्रजी, कानडी
५. व्याकरणविचार :  
 अ) नाम, सर्वनाम, विशेषण आणि त्यांची विकारसरणी  
 ब) विभक्तिविचार
६. आदर्श लिपीची मूलतत्त्वे व मराठीची लेखनपद्धती

**संदर्भग्रंथ :**

- १) मराठी भाषा : उद्गम आणि विकास, कृ. पां. कुलकर्णी
- २) यादवकालीन मराठी भाषा, डॉ. शं. गो. तुळपुळे
- ३) मराठी बखरीतील फार्सीचे स्वरूप, डॉ. यु. म. पठाण
- ४) मराठीचे ऐतिहासिक भाषाशास्त्र, डॉ. र. रा. गोसावी, स्नेहवर्धन पब्लिशिंग हाऊस, पुणे, १९९९.
- ५) भाषाविज्ञान : वर्णनात्मक व ऐतिहासिक, डॉ. स. गं. मालशे व इतर, पद्मगंधा प्रकाशन, पुणे, सुधारित तृतीय आवृत्ती, २००५.
- ६) आधुनिक भाषाविज्ञान (संरचनावादी आणि सामान्य), संपा. कल्याण काळे, डॉ. अंजली सोमण, प्रतिमा प्रकाशन, पुणे, १९९९.
- ७) मराठीचा भाषिक अभ्यास, संपा. मु. श्री. कानडे
- ८) वैखरी : भाषा आणि भाषाव्यवहार, मॅजिस्टिक बुक स्टॉल, मुंबई, १९८३.
- ९) ध्वनिविचार, ना. गो. कालेलकर
- १०) मराठी व्याकरण, लीला गोविलकर

**ऐच्छिक पत्रिका पत्रिका ३ : अ) मराठी बालसाहित्य**

**घटक :**

१. श्यामची आई, साने गुरुजी, पुणे विद्यार्थी गृह, पुणे.
२. राणीचा बाग, विंदा करंदीकर, पॉप्युलर प्रकाशन, मुंबई.
३. गावाकडं, इंद्रिजित भालेराव
४. वाचू-आनंदे (कुमार गट दोन), माधुरी पुरंदरे, ज्योत्स्ना प्रकाशन, पुणे.
५. अमृतफळे, जी. ए. कुलकर्णी, कॉन्टिनेन्टल प्रकाशन, पुणे.

**संदर्भग्रंथ :**

- १) मराठी बालवाङ्मय : स्वरूप आणि अपेक्षा, सुलभा शाह, २००१.
- २) मराठी बालसाहित्य : प्रवाह आणि स्वरूप, लीलावती भागवत, १९९५.
- ३) बालशिक्षण-बालसाहित्य : विविध आयाम, मंदा खांडगे, लीला दीक्षित, २००६.
- ४) बालसाहित्याची रूपरेषा, मालतीबाई दांडेकर, १९६४.
- ५) आधुनिक मराठी वाङ्मयाचा इतिहास (भाग २), अ. ना. देशपांडे, १९७१.
- ६) बालवाङ्मय, देवीदास बागुल, १९६७.

**किंवा**

**ऐच्छिक पत्रिका पत्रिका ३ : ब) मराठी वैचारिक साहित्य**

**घटक :**

१. सार्वजनिक सत्यधर्म, महात्मा ज्योतिबा फुले, संपा. डॉ. वासुदेव मुलाटे, स्वरूप प्रकाशन, औरंगाबाद, चौथी आवृत्ती २०१४.
२. अनंत पैलूंचा सामाजिक योद्धा : दलितेतरांसाठी डॉ. बाबासाहेब आंबेडकर, डॉ. प्रल्हाद लुलेकर, सायन पब्लिकेशन्स प्रा. लि., पुणे.
३. भारतीय स्त्री प्रश्न, संपा. निर्मला जाधव, ताराबाई शिंदे स्त्री अभ्यास केंद्र, डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद
४. आस्तिक शिरोमणी चार्वाक, आ. ह. साळुंखे, लोकायत प्रकाशन, सातारा.

**संदर्भग्रंथ :**

- १) एकोणिसाव्या शतकातील मराठी गद्य (खंड १), संपा. भास्कर लक्ष्मण भोळे, साहित्य अकादेमी.
- २) एकोणिसाव्या शतकातील मराठी गद्य (खंड २), संपा. भास्कर लक्ष्मण भोळे, साहित्य अकादेमी.
- ३) विसाव्या शतकातील मराठी गद्य (खंड १), संपा. भास्कर लक्ष्मण भोळे, साहित्य अकादेमी.
- ४) विसाव्या शतकातील मराठी गद्य (खंड २), संपा. भास्कर लक्ष्मण भोळे, साहित्य अकादेमी.
- ५) मराठी वाङ्मयाचा इतिहास (खंड ७, भाग ४), संपा. रा. ग. जाधव, महाराष्ट्र साहित्य परिषद, पुणे.

**किंवा**

**ऐच्छिक पत्रिका पत्रिका ३ : क) भाषांतरित मराठी साहित्य**

**घटक :**

१. भाषांतर : व्याख्या, स्वरूप, प्रकार आणि महत्त्व
२. अर्थाच्या शोधात, व्हिक्टर फ्रॅंकल, मेहता पब्लिशिंग हाऊस, पुणे, २०१४.
३. एकविंशती, रवींद्रनाथ टागोर (अनुवाद मामा वरेरकर), साहित्य अकादेमी, नवी दिल्ली.
४. ऑथेल्लो, वि. वा. शिरवाडकर, पॉप्युलर प्रकाशन, मुंबई.
५. नगाऱ्यांप्रमाणे वाजणारे शब्द (नगारे की तरह बजते हैं), निर्मला पुतुल, अनुवाद कविता महाजन, मनोविकास प्रकाशन, पुणे.

**संदर्भग्रंथ :**

- १) भाषांतर, सदा कऱ्हाडे, लोकवाङ्मय गृह, मुंबई, १९९८.
- २) भाषांतर आणि भाषा, विलास सारंग, मौज प्रकाशन, मुंबई, २०११.
- ३) भाषांतर मीमांसा, संपा. डॉ. कल्याण काळे, डॉ. अंजली सोमण, प्रतिमा प्रकाशन, पुणे
- ४) अनुवादमीमांसा, संपा. केशव तुपे, साक्षात प्रकाशन, औरंगाबाद, २०१२.

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**ऐच्छिक पत्रिका पत्रिका ४ : अ) विज्ञान साहित्य**

**घटक :**

१. विज्ञान साहित्य : संकल्पना व स्वरूप
  १. विज्ञान साहित्य : व्याख्या
  २. विज्ञान साहित्य : स्वरूप व वैशिष्ट्ये
  ३. पाश्चात्य विज्ञान साहित्याचा संक्षिप्त आढावा
  ४. मराठी विज्ञान साहित्याचा संक्षिप्त आढावा
२. साहित्यकृती : प्रेषित, जयंत नारळीकर, मौज प्रकाशन, मुंबई.
३. साहित्यकृती : पुढल्या हाका, सुबोध जावडेकर, मॅजेस्टिक पब्लिशिंग हाऊस, २०११.
४. साहित्यकृती : पुनर्जन्म, माधुरी शानभाग, मेनका प्रकाशन, पुणे, १९९९.
५. साहित्यकृती : विज्ञानकथा, रेखा बैजल, ज्ञानदत्त प्रकाशन, पुणे.



**संदर्भग्रंथ :**

- १) विज्ञान-साहित्य आणि संकल्पना, संपा. डॉ. व. दि. कुलकर्णी, निरंजन घाटे, नीहारा प्रकाशन, पुणे, १९९०.
- २) मराठी विश्वकोश, खंड १६ (टीप — विज्ञानकथा)
- ३) वाङ्मयीन संज्ञा-संकल्पना कोश, संपा. प्रभा गणोरकर व इतर, ग. रा. भटकळ फाउण्डेशन, मुंबई, २००१.
- ४) मराठी वाङ्मयकोश खंड चौथा समीक्षा-संज्ञा, समन्वयक संपादक विजया राजाध्यक्ष, म. रा. साहित्य आणि संस्कृती मंडळ, मुंबई, २००२.

**किंवा**

**ऐच्छिक पत्रिका  
घटक :**

**पत्रिका ४ : ब) आदिवासी साहित्य**

१. आदिवासी साहित्य : संकल्पना व स्वरूप
  - १.१ आदिवासी साहित्याची व्याख्या
  - १.२ आदिवासी साहित्य निर्मितीमागील प्रेरणा व हेतू
  - १.३ आदिवासी बोली व साहित्याचा अनुबंध
  - १.४ आदिवासी साहित्य आणि दलित चळवळ
२. साहित्यकृती : वाडा (कादंबरी), माधव सरकुंडे
३. साहित्यकृती : नवसा भिलणीचा एल्गार, नजुबाई गावित
४. साहित्यकृती : रोडाली, वाहरु सोनवणे
५. साहित्यकृती : उदई, प्रकाश चव्हाण

**संदर्भग्रंथ :**

- १) आदिवासी साहित्य : स्वरूप आणि समीक्षा, डॉ. विनायक तुमराम, विजय प्रकाशन, नागपूर.
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- १३) दलित कविता, म. सु. पाटील, लोकवाङ्मय गृह, मुंबई
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- १५) समग्र लेखक बाबुराव बागुल, संपा. कृष्णा किरवले
- १६) दलित साहित्य आणि ललित, गो. म. कुलकर्णी
- १७) महाराष्ट्रातील दलित : शोध आणि बोध, डॉ. गोविंद गारे
- १८) मराठी कवितेच्या नव्या दिशा, महेंद्र भवरे, लोकवाङ्मय गृह, मुंबई, जुलै २००७.

**किंवा**

**ऐच्छिक पत्रिका  
घटक :**

**पत्रिका ४ : क) मुस्लिम मराठी साहित्य**

१. इंधन, हमीद दलवाई, मौज प्रकाशन, मुंबई.
२. भोगले जे दुःख, आशा अपराद, मेहता पब्लिशिंग हाऊस, पुणे, २००८.
३. हिलाल, राजन खान, मॅजेस्टिक प्रकाशन, मुंबई.
४. व्यवहाराचा काळा घोडा, अजीम नवाज राही, मुक्तछंद प्रकाशन, नागपूर.

**संदर्भग्रंथ :**

- १) मराठी वाङ्मयाचा इतिहास (खंड ७, भाग ४), संपा. रा. ग. जाधव, म. सा. परिषद, पुणे.
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\* \* \* \*

**सूचना (सर्व विषयांसाठी) :**

**प्रकल्प/कृतिसंशोधन :**

प्रत्येक विषयात लेखी परीक्षेसोबत प्रकल्प/कृतिसंशोधन कार्य समाविष्ट करण्यात आले आहे. त्यासाठी प्रत्येक विषयांत अभ्यासक्रमाव्यतिरिक्त विषय (परंतु अभ्यासक्रमाशी संबंधित) प्रत्येक विद्यार्थ्याला देण्यात येईल. उदा. लयतत्त्व कवितेला लावून दाखवा, विशिष्ट साहित्यकृतीचे आस्वादक पद्धतीने समीक्षण करा, कोशवाङ्मयासाठी टिपण तयार करा, विशेष ग्रंथकार याविषयांत आपल्या परिसरातील साहित्यिकाची मुलाखत घेऊन त्याचे शब्दांकन करा, मराठीतील निसर्गकविता यावर शोधनिबंध तयार करा, आपल्या परिसरातील लोककलेची माहिती व विशेष नोंदवा, आपल्या परिसरातील म्हणी-वाक्प्रचार यांचे संकलन करून विशेष नोंदवा, लोकगीतांचे संकलन, लोककथांचे संकलन, ग्रामीण स्त्री कथाकार यावर टिपण तयार करा, आपल्या परिसरातील वाङ्मयीन चळवळी, सांस्कृतिक कार्यक्रमांचे वृत्तांकन टिपण तयार करा, विशिष्ट हस्तलिखिताचे मुद्रितशोधन करा, विशिष्ट प्रकरणाचे भाषांतर करा, ग्रामसंस्कृतीची माहिती नोंदवणे, एकोणिसाव्या शतकातील साहित्य व प्रबोधन यावर टिपण, महानुभाव साठी ग्रंथ, इत्यादी स्वरूपाच्या विषयावर विद्यार्थ्याला प्रकल्पकार्य/कृतिसंशोधनकार्य करून त्याविषयीचा लिखित अहवाल (टिपण/शोधनिबंध) सादर करावा लागेल.

**मौखिक परीक्षा :**

प्रकल्प/कृतिसंशोधनासाठी निवडलेल्या विषयावर आधारित मौखिक परीक्षा घेण्यात येईल.



Appendix-C

एम.ए. भाग-२ (हिन्दी)

प्रश्नपत्र -१

आधुनिक काव्य

प्रस्तावना :

आधुनिक हिन्दी काव्य पुनर्नवा के रूप में नवीन भावभूमि एवं वैचारिक गतिशीलता लेकर अवतरित हुआ। आधुनिकता, इहलौकिकता, वि वजनीनता एवं वैज्ञानिक दृष्टिकोण इसकी प्रमुख विशेषताएँ हैं। उपेक्षित विषय भी यहाँ सार्थक एवं प्रासंगिक हो गए। उन्नीसवीं शती के उत्तरार्ध से अद्यावधि तक की संवेदनाएँ, भावनाएँ एवं नूतन विचार सरणियाँ इसमें अभिव्यक्त हुई हैं। मुकम्मल मनुष्य इसमें अभिव्यंजित हुआ है। विविध धाराओं में प्रवाहमान आधुनिक हिन्दी काव्य प्रेरणा और ऊर्जा का अजस्त्र स्रोत है। अंतःसंवेदना तथा ज्ञान क्षितिज के विस्तार के लिए अत्यंत आवश्यक एवं प्रासंगिक हैं।

तृतीय सत्र

इकाई - १

१.	मैथिलीशरण गुप्त	-	यशोधरा
२.	जयशंकर प्रसाद	-	कामायनी - श्रद्धा, इडा, लज्जा और आनंद सर्ग
३.	सुर्यकांत त्रिपाठी निराला	-	सरोज स्मृति एवं कुकुरमुत्ता
४.	सुमित्रानंदन पंत	-	परिवर्तन, नौका विहार, एक तारा, मौन निमंत्रण

इकाई - २

द्वुत्पाठ के लिये निम्नांकित ६ कवियों का अध्ययन किया जायेगा

१.	श्रीधर पाठक	२.	अयोध्यासिंह उपाध्याय 'हरिऔध'
३.	जगन्नाथदास रत्नाकर	४.	केदारनाथसिंह
५.	हरिवंशराय बच्चन	६.	गिरिजाकुमार माथुर

अंक विभाजन :

लिखित प्रश्नपत्र	-८० अंक
आंतरिक मूल्यांकन	- २० अंक

कुल = १०० अंक

प्रश्नपत्र का स्वरूप

समय ३ घंटे

पूर्णांक - ८०

प्रश्न - १ इकाई-१ के प्रत्येक कवि की कृति से १-१ व्याख्या इस प्रकार कुल चार व्याख्याएँ पूछी

जायेगी, जिनमे से दो व्याख्याएँ करना अनिवार्य है। प्रत्येक व्याख्या पर ८ अंक निर्धारित है। (२ X ८ = १६ अंक)

प्रश्न - २ इकाई १ के कवियों पर अथवा कविताओं पर चार दीर्घोत्तरी प्रश्न पूछे जायेंगे जिनमें २ प्रश्न हल करने होंगे। प्रत्येक प्रश्न पर १६ अंक निर्धारित हैं २ X १६ = ३२ अंक

प्रश्न - ३ इकाई २ के प्रत्येक कवि पर १ - १ लघुत्तरी प्रश्न इस प्रकार कुल ६ प्रश्न पूछे जायेंगे जिनमें से ४ प्रश्न हल करने होंगे। प्रत्येक

प्रश्न के लिए ४ अंक निर्धारित है। ४ X ४ = १६ अंक

प्रश्न - ४ संपूर्ण पाठ्यक्रम से १६ अति लघुत्तरी / वस्तुनिष्ठ प्रश्न पूछे जायेंगे। प्रत्येक प्रश्न के लिये १ अंक होगा (१६ X १ = १६ अंक)

आंतरिक मूल्यांकन

- विद्यार्थी को संबंधित प्रश्नपत्र के पाठ्यक्रम पर आधारित एक शोधपत्र लिखना होगा, जिसके लिए १० अंक निर्धारित हैं।
- महाविद्यालय में कार्यरत विषय अध्यापक द्वारा विषय से संबंधित मौखिकी परीक्षा ली जायेगी, जिसके लिए १० अंक निर्धारित हैं। कुल २० अंक

एम.ए. भाग-२ (हिन्दी)

प्रश्नपत्र -१

आधुनिक काव्य

चतुर्थ सत्र

इकाई - १

१.	महादेवी वर्मा	-	निशा की धो देता राकेश, वे मुस्काते फूल नहीं, छाया की आँख मिचौनी, जो तुम आ जाते एक बार, कह दे माँ क्या अब देखूँ, इस इक बूँद आँसू में, जिस दिन नीरव तारों से (कविताएँ - 'संधिनी' से)
२.	स.ही. वात्सायन 'अज्ञेय'	-	नदी के द्वीप, असाध्य वीणा, बावरा अहेरी, हरी घास पर क्षण भर
३.	मुक्तिबोध	-	अंधेरे में, ब्रह्मराक्षस
४.	नागार्जुन की ७ कविताएँ	-	
१.	चंदु मैंने सपना देखा	२.	उनको प्रणाम
३.	बादल को धिरते देखा	४.	अकाल और उसके बाद
५.	मेरी भी आभा है इसमें	६.	मन करता है
७.	अग्निबीज		(नागार्जुन प्रतिनिधि कविताएँ, राजकमल प्रकाशन)

इकाई - २

द्वुत्पाठ के लिये निम्नांकित ६ कवियों का अध्ययन किया जायेगा

१.	कुँवरनारायण	२.	शमशेर बहादुर सिंह
३.	धर्मवीर भारती	४.	दुष्यंतकुमार
५.	जगदीश गुप्त	६.	भारत भूषण अग्रवाल

अंक विभाजन :

लिखित प्रश्नपत्र	-	८० अंक
आंतरिक मूल्यांकन	-	२० अंक

कुल = १०० अंक

प्रश्नपत्र का स्वरूप

समय ३ घंटे

पूर्णांक - ८०

प्रश्न - १ इकाई-१ के प्रत्येक कवि की कृति से १-१ व्याख्या इस प्रकार कुल चार व्याख्याएँ पूछी

जायेगी, जिनमे से दो व्याख्याएँ करना अनिवार्य है । प्रत्येक व्याख्या पर ८ अंक निर्धारित है। (२ X ८ = १६ अंक)

प्रश्न - २ इकाई १ के कवियों पर अथवा कविताओं पर चार दीर्घोत्तरी प्रश्न पूछे जायेंगे जिनमें २ प्रश्न हल करने होंगे। प्रत्येक प्रश्न पर

१६ अंक निर्धारित हैं २ X १६ = ३२ अंक

प्रश्न - ३ इकाई २ के प्रत्येक कवि पर १ - १ लघूत्तरी प्रश्न इस प्रकार कुल ६ प्रश्न पूछे जायेंगे जिनमें से ४ प्रश्न हल करने होंगे।

प्रत्येक प्रश्न के लिए ४ अंक निर्धारित है। ४ X ४ = १६ अंक

प्रश्न - ४ संपूर्ण पाठ्यक्रम से १६ अति लघूत्तरी / वस्तुनिष्ठ प्रश्न पूछे जायेंगे। प्रत्येक प्रश्न के लिये १ अंक होगा (१६ X १ = १६ अंक)

आंतरिक मूल्यांकन

- विद्यार्थी को संबंधित प्रश्नपत्र के पाठ्यक्रम पर आधारित एक शोधपत्र लिखना होगा, जिसके लिए १० अंक निर्धारित हैं ।
- महाविद्यालय में कार्यरत विषय अध्यापक द्वारा विषय से संबंधित मौखिकी परीक्षा ली जायेगी, जिसके लिए १० अंक निर्धारित हैं। कुल २० अंक

एम.ए. भाग-२ (हिन्दी)

प्रश्नपत्र -२

आधुनिक गद्य साहित्य

प्रस्तावना :

आधुनिक काल में गद्य साहित्य को अभूतपूर्व सफलता मिली है। यह मानव मन और मस्तिष्क की अभिव्यक्ति का सशक्त एवं अनिवार्य माध्यम बन गया है। मनुष्य का राग-विराग, तर्क वितर्क तथा चिंतन-मनन जिस रागात्मकता के साथ कौशलपूर्ण ढंग से गद्य में अभिव्यंजित होता है वैसा अन्य साहित्यांग में नहीं। आधुनिक काल में गद्य के विविध रूपों का विकास इस तथ्य का साक्षी है कि प्रौढ़ मन-मस्तिष्क की पूर्ण अभिव्यक्ति गद्य में ही संभव है। निबंध गद्य का प्रौढ़-शक्तिशाली प्रतिरूप, उसकी वैयक्तिक एवं स्वातंत्र्य चेतना का वि वसनीय प्रतिनिधि है। नाटक, उपन्यास, कहानी तथा अन्य विविध विधाओं के रूप में गद्य साहित्य वामन से विराट बन गया है। आज मनुष्य को उसकी प्रवृत्ति, परिवेश, परिस्थिति, तथा चिंतन की विकास प्रक्रिया के साथ सहज प्रामाणिक रूप में गद्य के माध्यम से ही जाना जा सकता है। अतः इसका अध्ययन अनिवार्य है।

तृतीय सत्र

इकाई - १

- |    |               |   |               |
|----|---------------|---|---------------|
| १. | ध्रुवस्वामिनी | - | जयशंकर प्रसाद |
| २. | पोस्टर        | - | डॉ.शंकर शेष   |
| ३. | मित्रो मरजानी | - | कृष्णा सोबती  |
| ४. | तमस           | - | भीष्म साहनी   |

इकाई - २

द्रुतपाठ के लिये निम्नांकित छह रचनाकारों का अध्ययन किया जायेगा

- |    |                     |   |                       |
|----|---------------------|---|-----------------------|
| १. | मोहन राकेश          | - | नाटककार के रूप में    |
| २. | लक्ष्मीनारायण मिश्र | - | नाटककार के रूप में    |
| ३. | उपेन्द्रनाथ अश्क    | - | कहानीकार के रूप में   |
| ४. | मन्नू भंडारी        | - | कहानीकार के रूप में   |
| ५. | फणी वरनाथ रेणु      | - | उपन्यासकार के रूप में |
| ६. | यशपाल               | - | उपन्यासकार के रूप में |

अंक विभाजन :

लिखित प्रश्नपत्र	-	८० अंक
आंतरिक मूल्यांकन	-	२० अंक

कुल = १०० अंक

प्रश्नपत्र का स्वरूप

समय ३ घंटे

पूर्णांक - ८०

प्रश्न - १ इकाई-१ की प्रत्येक कृति से १-१ व्याख्या इस प्रकार कुल चार व्याख्याएँ पूछी जायेगी, जिनमे से दो व्याख्याएँ करना अनिवार्य है । प्रत्येक व्याख्या पर ८ अंक निर्धारित है।

(२ X ८ = १६ अंक)

प्रश्न - २ इकाई १ की कृतियों पर चार दीर्घोत्तरी प्रश्न पूछे जायेंगे जिनमें २ प्रश्न हल करने होंगे। प्रत्येक प्रश्न पर १६ अंक निर्धारित हैं २ X १६ = ३२ अंक

प्रश्न - ३ इकाई २ के प्रत्येक रचनाकार पर १ - १ लघूत्तरी प्रश्न इस प्रकार कुल ६ प्रश्न पूछे जायेंगे जिनमें से ४ प्रश्न हल करने होंगे। प्रत्येक प्रश्न के लिए ४ अंक निर्धारित है।

४ X ४ = १६ अंक

प्रश्न - ४ संपूर्ण पाठ्यक्रम से १६ अति लघूत्तरी / वस्तुनिष्ठ प्रश्न पूछे जायेंगे। प्रत्येक प्रश्न के लिये १ अंक होगा (१६ X १ = १६ अंक)



आंतरिक मूल्यांकन

- १) विद्यार्थी को संबंधित प्रश्नपत्र के पाठ्यक्रम पर आधारित एक शोधपत्र लिखना होगा, जिसके लिए १० अंक निर्धारित हैं ।
- २) महाविद्यालय में कार्यरत विषय अध्यापक द्वारा विषय से संबंधित मौखिकी परीक्षा ली जायेगी, जिसके लिए १० अंक निर्धारित हैं। कुल २० अंक

एम.ए. भाग-२ (हिन्दी)

प्रश्नपत्र -२

आधुनिक गद्य साहित्य

चतुर्थ सत्र

इकाई - १

१. कुछ शब्द कुछ रेखाएँ - विष्णु प्रभाकर
२. जूठन - ओमप्रकाश वाल्मीकि
३. निबंध निलय - संपादक आचार्य सत्येन्द्र (वाणी प्रकाशन दिल्ली)  
बालकृष्ण भट्ट आचार्य रामचंद्र शुक्ल, आचार्य हजारीप्रसाद द्विवेदी, डॉ.रामविलास शर्मा, श्रीविद्यानिवास मिश्र,  
कुबेरनाथ रॉय, डॉ. नगेन्द्र.
४. कथान्तर - संपादक-परमानंद श्रीवास्तव, (राजकमल प्रकाशन दिल्ली)  
चंद्रधर शर्मा गुलेरी, प्रेमचंद, जैनेन्द्र, धर्मवीर भारती,  
कमलेश्वर, उषा प्रियम्बदा, निर्मल वर्मा.

इकाई - २

द्रुतपाठ के लिये निम्नांकित छह रचनाकारों का अध्ययन किया जायेगा

१. श्यामसुंदर दास - आलोचक के रूप में
२. अज्ञेय - कहानीकार के रूप में
३. पांडेय बेचन शर्मा - कहानीकार के रूप में
४. अमृत राय - जीवनीकार के रूप में
५. हरिवंशराय बच्चन - आत्मकथाकार के रूप में
६. कुबेरनाथ राय - ललित निबंधकार के रूप में

अंक विभाजन :

- लिखित प्रश्नपत्र - ८० अंक
- आंतरिक मूल्यांकन - २० अंक

कुल = १०० अंक

प्रश्नपत्र का स्वरूप

समय ३ घंटे

पूर्णांक - ८०

**प्रश्न - १** इकाई-१ की प्रत्येक कृति से १-१ व्याख्या इस प्रकार कुल चार व्याख्याएँ पूछी जायेगी, जिनमे से दो व्याख्याएँ करना अनिवार्य है । प्रत्येक व्याख्या पर ८ अंक निर्धारित है।

(२ X ८ = १६ अंक )

**प्रश्न - २** इकाई १ की कृतियों पर चार दीर्घोत्तरी प्रश्न पूछे जायेंगे जिनमें २ प्रश्न हल करने होंगे। प्रत्येक प्रश्न पर १६ अंक निर्धारित हैं २ X १६ = ३२ अंक

**प्रश्न - ३** इकाई २ के प्रत्येक रचनाकार पर १ - १ लघुत्तरी प्रश्न इस प्रकार कुल ६ प्रश्न पूछे जायेंगे जिनमें से ४ प्रश्न हल करने होंगे। प्रत्येक प्रश्न के लिए ४ अंक निर्धारित है।

४ X ४ = १६ अंक

**प्रश्न - ४** संपूर्ण पाठ्यक्रम से १६ अति लघुत्तरी / वस्तुनिष्ठ प्रश्न पूछे जायेंगे। प्रत्येक प्रश्न के लिये १ अंक होगा (१६ X १ = १६ अंक)

आंतरिक मूल्यांकन

- १) विद्यार्थी को संबंधित प्रश्नपत्र के पाठ्यक्रम पर आधारित एक शोधपत्र लिखना होगा, जिसके लिए १० अंक निर्धारित हैं ।
- २) महाविद्यालय में कार्यरत विषय अध्यापक द्वारा विषय से संबंधित मौखिकी परीक्षा ली जायेगी, जिसके लिए १० अंक निर्धारित हैं। कुल २० अंक

एम.ए. (हिन्दी) द्वितीय वर्ष

प्रश्नपत्र -३

भाषाविज्ञान एवं हिन्दी भाषा

प्रस्तावना :

साहित्य आद्यंत एक भाषिक निर्मिति है। साहित्य के गंभीर अध्ययन के लिए भाषिक व्यवस्था का सुस्पष्ट सर्वांगीण ज्ञान अपरिहार्य है। भाषा विज्ञान, भाषा की वस्तुनिष्ठ अध्ययन प्रणाली के रूप में भाषिक इकाइयों तथा भाषा संरचना के विभिन्न स्तरों पर उनके अंतरसंबंधों के विन्यास को आलोकित कर न केवल अध्येता को भाषिक अंतर्दृष्टि देता है, अपितु भाषा-विषयक विवेचन के लिए एक निरूपक भाषा भी प्रदान कराता है। मूल भाषा व्यवस्था पर आरोपित द्वितीयक साहित्यिक व्यवस्था की भाषिक प्रकृति की स्वीकृति, प्राचीन भारतीय एवं अधुनातक पा चात्य साहित्य चिंतन में समान रूप से लक्षणीय है। कहने की आवश्यकता नहीं कि भाषा के साहित्येतर, प्रयोजनमूलक रूपों के अध्ययन में भी भाषा वैज्ञानिक चिंतन का लाभ उतना ही महत्वपूर्ण है।

भाषावैज्ञानिक आधार पर हिन्दी भाषा का ऐतिहासिक विकासक्रम, भौगोलिक विस्तार, भाषिक स्वरूप, विविधरूपता तथा हिन्दी में कम्प्यूटर सुविधाओं विषयक जानकारी एवं देवनागरी के वैशिष्ट्य, विकास और मानकीकरण का विवरण हिन्दी के अध्येता के लिए अत्यंत उपयोगी है।

## तृतीय सत्र

पाठ्यविषय :

(क) भाषा विज्ञान

इकाई १. भाषा और भाषाविज्ञान :

भाषा की परिभाषा और अभिलक्षण, भाषाव्यवस्था और भाषा-संरचना और भाषिक-प्रकार्य। भाषाविज्ञान स्वरूप एवं व्याप्ति, अध्ययन की दिशाएँ - वर्णनात्मक, ऐतिहासिक और तुलनात्मक

इकाई २. स्वन प्रक्रिया :

स्वनविज्ञान का स्वरूप और शाखाएँ, वागवयव और उनके कार्य, स्वन की अवधारणा और स्वनो का वर्गीकरण, स्वनगुण, स्वनिक परिवर्तन। स्वनिम विज्ञान का स्वरूप, स्वनिम की अवधारणा, स्वनिम के भेद, स्वनिमिक विश्लेषण।

इकाई ३. रूप प्रक्रिया :

रूप प्रक्रिया का स्वरूप और शाखाएँ, रुपिम की अवधारणा और भेद : मुक्त - आबद्ध, अर्थदर्शी और संबंधदर्शी, संबंधदर्शी रुपिम के भेद और प्रकार्य। वाक्य की अवधारणा, वाक्य के भेद, वाक्य-विश्लेषण, निकटस्थ-अवयव विश्लेषण, गहन-संरचना और बाह्य-संरचना।

इकाई ४. अर्थविज्ञान :

अर्थ की अवधारणा, अर्थ परिवर्तन के कारण, अर्थ परिवर्तन की दिशाएँ

इकाई ५. वाक्य विज्ञान :

वाक्य की अवधारणा, वाक्य के भेद, वाक्य विश्लेषण, निकटस्थ अवयव विश्लेषण, हिंदी वाक्य रचना, पदक्रम और अन्विति

अंक विभाजन :

लिखित प्रश्नपत्र	-	८० अंक
आंतरिक मूल्यांकन	-	२० अंक

कुल = १०० अंक

प्रश्नपत्र का प्रारूप -

प्रश्न १	(क) विभाग (भाषाविज्ञान) की पाँच इकाइयों में से पाँच प्रश्न। प्रत्येक इकाई में से एक आलोचनात्मक प्रश्न पूछे जायेंगे। जिनमें से तीन प्रश्न हल करने होंगे। ३ X १६ = ४८ अंक
प्रश्न २	संपूर्ण पाठ्यक्रम से आठ लघुतरी प्रश्न पूछे जाएंगे जिनमें से चार प्रश्न हल करने होंगे। ४ X ४ = १६ अंक
प्रश्न ३	संपूर्ण पाठ्यक्रम से १६ अति लघुतरी / वस्तुनिष्ठ प्रश्न पूछे जायेंगे। प्रत्येक प्रश्न के लिये १ अंक होगा (१६ X १ = १६ अंक)

एम.ए. (हिन्दी) द्वितीय वर्ष

प्रश्नपत्र -३

भाषाविज्ञान एवं हिन्दी भाषा

चतुर्थ सत्र

पाठ्यविषय :

(ख) हिन्दी भाषा

- हिन्दी की ऐतिहासिक पृष्ठभूमि : प्राचीन भारतीय आर्यभाषाएँ - वैदिक तथा लौकिक संस्कृत और उनकी विशेषताएँ। मध्यकालीन भारतीय आर्यभाषाएँ पालि प्राकृत - शौरसेनी, अर्धमागधी, मागधी, अपभ्रंश और उनकी विशेषताएँ। आधुनिक भारतीय आर्यभाषाएँ और उनका वर्गीकरण।
- हिन्दी का भौगोलिक विस्तार : हिन्दी की उपभाषाएँ, पश्चिमी हिन्दी, पूर्वी हिन्दी, राजस्थानी, बिहारी तथा पहाड़ी और उनकी बोलियाँ। खड़ीबोली, ब्रज और अवधी की विशेषताएँ।
- हिन्दी का भाषिक स्वरूप : हिन्दी की स्वनिम व्यवस्था - खंड्य, खंड्येतर। हिन्दी शब्द रचना - उपसर्ग, प्रत्यय, समास। रूपरचना - लिंग, वचन और कारक-व्यवस्था के संदर्भ में हिन्दी के संज्ञा सर्वनाम विशेषण और क्रियारूप। हिन्दी वाक्य-रचना : पदक्रम और अन्विति।
- देवनागरी लिपी : विशेषताएँ और मानकीकरण।
- हिन्दी के विविध रूप : संपर्क - भाषा, राष्ट्रभाषा, राजभाषा के रूप में हिन्दी, माध्यम-भाषा, संचार- भाषा, हिन्दी की संवैधानिक स्थिति।
- हिन्दी में कम्प्यूटर सुविधाएँ : आंकडा-संसाधन और शब्द-संसाधन, वर्तनी-शोधक, मशीनी अनुवाद हिन्दी भाषा-शिक्षण

अंक विभाजन :

लिखित प्रश्नपत्र	-	८० अंक
आंतरिक मूल्यांकन	-	२० अंक

कुल = १०० अंक

प्रश्नपत्र का प्रारूप -

प्रश्न १	(ख) विभाग (हिन्दी भाषा) की छह इकाइयों में से पाँच प्रश्न। छह इकाइयों में से कुल पाँच आलोचनात्मक प्रश्न पूछे जायेंगे। जिनमें से तीन प्रश्न हल करने होंगे। ३ X १६ = ४८ अंक
प्रश्न २	संपूर्ण पाठ्यक्रम से आठ लघुतरी प्रश्न पूछे जाएंगे जिनमें से चार प्रश्न हल करने होंगे। ४ X ४ = १६ अंक
प्रश्न ३	संपूर्ण पाठ्यक्रम से १६ अति लघुतरी / वस्तुनिष्ठ प्रश्न पूछे जायेंगे। प्रत्येक प्रश्न के लिये १ अंक होगा (१६ X १ = १६ अंक)

एम.ए. (हिन्दी) भाग - २

प्रश्नपत्र - ४

निबंध / परियोजना

तृतीय सत्र

(अ) निबंध :

इस प्रश्नपत्र में आदिकाल, भक्तिकाल एवं रीतिकाल पर आधारित विषय दिए जाएंगे जिनमें से किसी दो विषय पर निबंध लिखने होंगे। जिसके लिए अस्सी अंक होंगे। (२ X ४० = ८० अंक)

अंक विभाजन :

लिखित प्रश्नपत्र	-	८० अंक
आंतरिक मूल्यांकन	-	२० अंक

कुल = १०० अंक

एम.ए. (हिन्दी) भाग - २

प्रश्नपत्र - ४

निबंध / परियोजना

चतुर्थ सत्र

(आ) विनिबंध : (स्त्री विमर्श, दलित विमर्श, आदिवासी विमर्श, कृषि विमर्श, बाल साहित्य विमर्श)

हिन्दी साहित्य अथवा हिन्दी भाषा से संबंधित किसी एक विषय को आधार बनाकर विद्यार्थी एक परियोजना प्रस्तुत करेगा। विद्यार्थी अपनी परियोजना किसी ऐसे प्राध्यापक के मार्गदर्शन में संपन्न करेगा जिसे कम से कम पांच वर्षों का अध्यापन अनुभव हो। यह परियोजना लगभग १०० पृष्ठों की होगी। १५ मार्च तक इस परियोजना की दो प्रतियाँ विद्यापीठ को प्रस्तुत करना होगा। इसके लिए १०० अंक होंगे।

अंक विभाजन निम्नानुसार होगा -

विनिबंध लेखन	-	६० अंक
मौखिक	-	४० अंक

कुल = १०० अंक

(इ) लघुशोध प्रबंध (Disseration)

लघुशोध प्रबंध हेतु निर्देश

- लघुशोध प्रबंध प्रस्तुत करने वाले विद्यार्थी को एम.ए. भाग -१ परीक्षा में कम से कम ५५ प्रतिशत अंक प्राप्त करना आवश्यक होगा।
- प्रश्न पत्र चार के अन्तर्गत लघुशोध प्रबंध के लिये ६० अंक लेखन के लिये और मौखिकी के लिये ४० अंक होंगे।
- लघुशोध प्रबंध लेने वाले विद्यार्थी को मार्गदर्शक स्वीकृति के लिये अपना आवेदन विद्यापीठ के ३१ अगस्त के पूर्व ही भेजना होगा।
- जिन प्राध्यापकों ने आचार्य पदवी प्राप्त की हो या जिन्हें पांच वर्ष का स्नातकोत्तर कक्षाओं को पढ़ाने का अनुभव हो अथवा जिन्हें सात वर्षों का स्नातक कक्षाओं को पढ़ाने का अनुभव हो उन्हें मार्गदर्शन स्वीकृति मिल सके।
- एक परीक्षा के लिये एक मार्गदर्शक के पास पांच शोधार्थी से अधिक नहीं होना चाहिये।
- महाराष्ट्र विश्वविद्यालय एक्ट १९९४ की धारा ३६ (A)(६) के अन्तर्गत दर्शाई गई कार्यवाही लघुशोध प्रबंध पर लागू होगी।
- ग्रीष्मकालीन परीक्षा के लिये १५ मार्च तक अपने लघुशोध प्रबंध को विश्वविद्यालय में जमा कराना होगा। उस पर मार्गदर्शन का प्रमाणपत्र अत्यन्त आवश्यक है।
- लघुशोध प्रबंध की २ प्रतियाँ विश्वविद्यालय में जमा करानी होंगी। लघुशोध प्रबंध लगभग १०० पृष्ठों का हो लघुशोध प्रबंध टंकित अथवा सुवाच्च अक्षरों में होना आवश्यक है।
- किसी एक परीक्षक के पास पाँच से अधिक लघुशोध प्रबंध न भेजे जाये।
- शोध प्रबंध विषय की सम्पूर्ण जानकारी अत्यन्त गोपनीय रखना आवश्यक है एवं आवश्यकता पड़ने पर उसे प्रबंध समिति के सामने प्रस्तुत किया जायेगा।
- लघुशोध प्रबंध के सभी अधिकार अमरावती विश्वविद्यालय के पास ही रहेंगे।

सहायक ग्रंथ सूची

- कबीर और जायसी - पुरुषोत्तम बाजपेयी
- स्वातंत्र्योत्तर हिंदी काव्य विधाएँ - बापूराव देसाई
- नयी कविता : एक मूल्यांकन - शंभूदत्त पाण्डेय
- प्रेमचंद और उनकी उपन्यास कला - रघुवर दयान
- मुक्तिबोध कविता और जीवन - चंद्रकांत देवताले
- अज्ञेय - निर्मला शर्मा
- तुलसी के अध्ययन की नई दिशाएँ - रामप्रसाद मिश्र
- दुष्यंतकुमार और नई कविता - विनय सिंह
- बालकृष्ण शर्मा 'नवीन' भावबोध के आयाम - विजयलक्ष्मी सालोदिया
- धर्मवीर भारती की साहित्य साधना - पुष्पा भारती
- भाषा विज्ञान एवं समान भाषा विज्ञान - गिरीष परदेशी
- भाषा और भाषा विज्ञान - तेजपाल चौधरी
- मुक्तिबोध की काव्यभाषा - सनतकुमार
- महादेवी का काव्य वैभव - रमेशचंद्र गुप्त
- पंत के काव्य में कल्पना और कर्तृत्व - बिजरानी भार्गव
- आचार्य हजारीप्रसाद द्विवेदी : व्यक्तित्व एवं साहित्य - गणपतिचंद्र गुप्त
- समकालीन हिंदी कवित्व : अज्ञेय और मुक्तिबोध के संदर्भ में - भवदेव पाण्डेय
- भीष्म साहनी ; उपन्यास साहित्य - राजे वर सक्सेना
- राहुल सांकृत्यायन ; सृजन और संघर्ष - जगतसिंह

२०. निराला काव्य में विविध आयाम - डॉ.इन्द्रराज सिंह
२१. साहित्य में गद्य की विविध विधाएँ - डॉ. कैलाशचंद्र भाटिया
२२. हिंदी निबंध के आधारस्तंभ - प्रो.हरिमोहन
२३. प्रतिनिधि हिंदी निबंधकार - प्रो. हरिमोहन
२४. आचार्य रामचंद्र शुक्ल निबंध संरचना - योगेश प्रताप सिंह
२५. मैला आँचल : शिल्प और दृष्टि - बद्रीप्रसाद
२६. अंधेरे में एक विश्लेषण - डॉ.विजयपाल सिंह
२७. छायावादोत्तर हिंदी कविता : एक अंतरयात्रा - डॉ.मधुबाला सान्याल
२८. हिंदी काव्य-चिंतन के मूलाधार - योगेन्द्र प्रताप सिंह
२९. उत्तर आधुनिक अवधारणा - श्रीप्रकाश मिश्र
३०. दलित-विमर्श और हिंदी साहित्य साहित्य - दीपक कुमार पाण्डेय
३१. साहित्यिक आन्दोलनों और साहित्य विवादों का इतिहास - अपराजिता श्रीवास्तव
३२. नारी चेतना के आयाम - अलका प्रकाश
३३. आधुनिकता और हिंदी उपन्यास - इंद्रनाथ मदान
३४. आधुनिकता और हिंदी साहित्य - इंद्रनाथ मदान
३५. हिंदी पाठानुसंधान - कन्हैया सिंह
३६. पा चात्य काव्य चिंतन - करुणाशंकर उपाध्याय
३७. कामायनी : एक पुनर्विचार - गजानन माधव मुक्तिबोध
३८. भारतीय एवं पा चात्य काव्य सिद्धांत - गणपतिचंद्र गुप्त
३९. हिंदी साहित्य का वैज्ञानिक इतिहास - १ (१९८४ से १९५७ ई.तक) - गणपतिचंद्र गुप्त
४०. हिंदी साहित्य का वैज्ञानिक इतिहास - २ (१९५७ से अब.तक) - गणपतिचंद्र गुप्त
४१. हिंदी नाटक का आत्मसंघर्ष - गिरीश रस्तोगी
४२. निराला : आत्महंता आस्था - दूधनाथ सिंह
४३. नागार्जुन और उनकी कविता - नंदकिशोर नवल
४४. हिंदी आलोचना का विकास - नंदकिशोर नवल
४५. हिंदी साहित्य : बीसवीं शताब्दी - नंददुलारे वाजपेयी
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४८. २१वीं शती का हिंदी उपन्यास - पुष्पपाल सिंह
४९. स्त्री अध्ययन की बुनियाद - प्रमीला के.पी.
५०. आधुनिक हिंदी साहित्य का इतिहास - बच्चन सिंह
५१. इक्कीसवीं सदी का हिंदी साहित्य - सं.: रवीन्द्रनाथ मिश्र
५२. हिंदी उपन्यास : एक अन्तर्यात्रा - रामदरश मिश्र
५३. पंत, प्रसाद और मैथिलीशरण - रामधारी सिंह 'दिनकर'
५४. देवनागरी लिपि और हिंदी : संघर्षों की ऐतिहासिक यात्रा - रामनिरंजन परिमलेन्दु
५५. कामायनी का पुनर्मूल्यांकन - रामस्वरूप चतुर्वेदी
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६२. स्त्री विमर्श : विविध पहलू - कल्पना वर्मा
६३. आदिवासी साहित्य-यात्रा - सं.रमणिका गुप्ता
६४. दलित-विमर्श और हिंदी साहित्य - दीपक कुमार पाण्डेय
६५. भारतीय दलित आन्दोलन का इतिहास (चार खंड) - मोहनदास नैमिशराय
६६. मानक हिंदी का स्वरूप - कलानाथ शास्त्री
६७. आधुनिक भाषाविज्ञान के सिद्धान्त - रामकिशोर शर्मा
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७३. भारतीय उपन्यास : कथासार - २ सं.प्रभाकर माचवे
७४. नयी सदी की पहचान : श्रेष्ठ महिला कथाकार - सं.ममता कालिया
७५. कामायनी का पुनर्मूल्यांकन - रामस्वरूप चतुर्वेदी
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७७. उपन्यास की रचना-प्रक्रिया - परमानंद श्रीवास्तव
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७९. उत्तर आधुनिक मीडिया विमर्श - सुधीश पचौरी
८०. भारतीय नारी सन्त परम्परा - बलदेव वंशी
८१. स्त्री-विमर्श का लोकपक्ष - अनामिका
८२. स्त्री-विमर्श : भारतीय परिप्रेक्ष्य - डॉ.के.एम.मालती
८३. आदिवासी स्वर और नई शताब्दी - सं.रमणिका गुप्ता
८४. आदिवासी-स्वर : सामाजिक आर्थिक जीवन - सं.कुमार चौहान, श्रीमती रेनू चौहान
८५. आदिवासी स्वर : वाचिक परम्परा व साहित्य - सं.वी.एस.चटर्जी, जयशंकर उपाध्याय
८६. भारतीय दलित साहित्य: परिप्रेक्ष्यपुत्री सिंह, कमला प्रसाद, राजेन्द्र शर्मा
८७. दलित साहित्य : वेदना और विद्रोह - शरणकुमार लिंबाले
८८. दलित साहित्य : बुनियादी सरोकार - कृष्णदत्त पालीवाल
८९. दलित साहित्य के प्रतिमान - डॉ.एन.सिंह



९०.	संत कबीर और संत तुकड़ोजी के हिन्दी साहित्य का तुलनात्मक अध्ययन - डॉ.संगीता जगताप
९१.	सतसई काव्य परम्परा और बाल सतसई - डॉ.संगीता जगताप
९२.	बाल सतसई प्रबोधिनी - स्वामी विजयानन्द, डॉ.राम बहोरी त्रिपाठी
९३.	धर्मवीर भारती की कविता - डॉ. विभा शुक्ला
९४.	‘दूसरा सप्तक’ के कवियों की काव्य भाषा - डॉ.तीर्थराज राय
९५.	राष्ट्रीय चेतना के संदर्भ में भारत के राष्ट्रकवि मैथिलीशरण गुप्त एवं मॉरिशस के राष्ट्रकवि डॉ.ब्रजेन्द्र भगत ‘मधुकर’ के काव्य का तुलनात्मक अध्ययन - डॉ.ज्योति एन.मंत्री
९६.	शब्दकोश - डॉ.अजितसिंह बौहार, डॉ.गणेश पेंडीखरे, वंदना भारोतराव गुरनुले, डॉ.महेन्द्रसिंह पवार
९७.	डॉ.परशुराम शुक्ल का बाल साहित्य - डॉ.आनंद बक्षी
९८.	नरेश मेहता के मिथकीय खंडकाव्य - डॉ.वर्षा शाह
९९.	धर्मवीर भारती का रचना संसार - डॉ.सुरेशकुमार केसवानी
१००.	शरद जोशी के साहित्य में व्यंग्य - डॉ. संतोष विजय येरावार
१०१.	मैत्रेयी पुष्पा के उपन्यासों में स्त्री जीवन संघर्ष - डॉ.शिवशेट्टे गोविंद गुंडप्पा
१०२.	देश विभाजन के परिप्रेक्ष्य में आधा गाँव - शिवशेट्टे गोविंद गुंडप्पा
१०३.	श्रीकांत वर्मा के काव्य में सामाजिक चेतना - प्रा.डॉ. सुरेखा मंत्री
१०४.	सुमित्रानन्दन पंत के काव्य में प्रकृति प्रेम और दर्शन - डॉ.सुरेखा प्रेमचंद मंत्री
१०५.	डॉ.शंकर शेष और रत्नाकर मतकरी के नाटकों का तुलनात्मक अध्ययन - डॉ.रवीन्द्र कुमार शिरसाट
१०६.	मोहन राकेह के नाटकों में नारी भावना - डॉ.रमा शुक्ला
१०७.	मैथिलीशरण गुप्त के काव्य में नारी भावना - डॉ.अनिल पाखरे
१०८.	दलित साहित्य सामाजिक सरोकार- डॉ. वाय.सी.मेंडे

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Appendix-D

एम. ए. भाग. २ ( अनुवाद हिंदी)

प्रश्नपत्र - १

तृतीय सत्र

अनुवाद: ऐतिहासिक संदर्भ एवं भाषा का सामाजिक संदर्भ

- १) इकाई - पश्चिम में अनुवाद चिंतन की परंपरा एवं अनुवाद सिद्धांतों का विकास
- २) इकाई - भारतीय भाषाओं में अनुवाद चिंतन
- ३) इकाई - अनुवाद के क्षेत्र में प्रमुख विद्वानों का योगदान
- अ) रघुनाथराव ब) रामचंद्र शुक्ल क) हरिवंशराय बच्चन ड) डॉ.रघुवीर इ) रामधारीसिंह दिनकर ई) मैथिलीशरण गुप्त
- ४) इकाई - अनुवाद चिंतन
- १) जॉन ड्राइडन २) गुरुदेव रवींद्रनाथ
- ५) इकाई - भाषा का सामाजिक संदर्भ
- १) भाषा का सामाजिक संदर्भ २) हिंदी का सामाजिक संदर्भ
- क) रिश्ते नाते की शब्दावली
- ख) सर्वनाम और संबोधन रूप
- ग) कोड मिश्रण एवं कोड परिवर्तन
- अंक विभाजन ( प्रथम सत्र)

१) दीर्घोत्तरी प्रश्न	3 x 16 = 48
२) लघूत्तरी प्रश्न	4 x 4 = 16
३) वस्तुनिष्ठ प्रश्न	16 x 1 = 16
	80

आंतरिक मूल्यांकन

- १) विभागीय इकाई जॉच परीक्षा 10 अंक
- २) प्रमुख विद्वानों के रचना के अनुवाद का उदाहरण 10 अंक
- कुल अंक - 100

सूचना -

- १)प्रत्येक इकाई से एक ऐसे कुल पांच दीर्घोत्तरी प्रश्न पूछे जायेंगे जिनमें से तीन प्रश्न हल करना अनिवार्य होगा।
- २)पांचों इकाई से कुल आठ लघूत्तरी प्रश्न पूछे जायेंगे जिनमें से चार प्रश्न हल करना अनिवार्य होगा।
- ३)संपूर्ण पाठ्यक्रम से सोलह वस्तुनिष्ठ प्रश्न पूछे जायेंगे दिये गये सभी प्रश्नों को हल करना अनिवार्य होगा।

संदर्भ ग्रंथ सूची

अनुवाद: त्रैमासिक ( जुलाई- सितम्बर तथा ऑक्टोबर- दिसम्बर १९९८ का संयुक्त अंक) भारतीय अनुवाद परिषद

एम. ए. भाग. २ ( अनुवाद हिंदी)

प्रश्नपत्र - १

चतुर्थ सत्र

अनुवाद: ऐतिहासिक संदर्भ एवं भाषा का सामाजिक संदर्भ

- १) इकाई - हिंदी साहित्य में अनुवाद
- २) इकाई - अनुवाद प्रशिक्षण पाठ्यक्रम एवं अनुवाद क्षेत्र में कार्यरत संस्थाएं
- ३) इकाई - अनुवाद के क्षेत्र में प्रमुख विद्वानों का योगदान
- अ) भारतेंदू हरिचंद्र ब) गोस्वामी तुलसीदास क) मोहन राकेश ड) अब्दुल रहिम खान इ) राजेन्द्र यादव ई) भोलानाथ तिवारी
- ४) इकाई - अनुवाद चिंतन
- १) सूर्यकांत त्रिपाठी ‘निराला’ २) विष्णु प्रभाकर
- ५) इकाई - अनुवाद संबंधी विचार
- डॉ. राजेन्द्र प्रसाद, आचार्य महावीर प्रसाद द्विवेदी, महादेवी वर्मा,
- एडवर्ड फिट्ज्जरेल्ड, ऍलेक सांद्र सेकेविच, मैथ्यू अर्नाल्ड

अंक विभाजन ( द्वितीय सत्र)

१) दीर्घोत्तरी प्रश्न	3 x 16 = 48
२) लघूत्तरी प्रश्न	4 x 4 = 16
३) वस्तुनिष्ठ प्रश्न	16 x 1 = 16
	80

आंतरिक मूल्यांकन

१) विभागीय इकाई जॉच परीक्षा	10 अंक
२) प्रमुख विद्वानों के रचना के अनुवाद का उदाहरण	10 अंक
कुल अंक -	100

सूचना -

१) प्रत्येक इकाई से एक ऐसे कुल पांच दीर्घोत्तरी प्रश्न पूछे जायेंगे जिनमें से तीन प्रश्न हल करना अनिवार्य होगा।

२) पांचों इकाई से कुल आठ लघूत्तरी प्रश्न पूछे जायेंगे जिनमें से चार प्रश्न हल करना अनिवार्य होगा।

३) संपूर्ण पाठ्यक्रम से सोलह वस्तुनिष्ठ प्रश्न पूछे जायेंगे दिये गये सभी प्रश्नों को हल करना अनिवार्य होगा।

**संदर्भ ग्रंथ सूची**

अनुवाद: त्रैमासिक ( जुलाई- सितम्बर तथा अक्टोबर- दिसम्बर १९९८ का संयुक्त अंक) भारतीय अनुवाद परिषद

**एम. ए. भाग. २ ( अनुवाद हिंदी)**

**प्रश्नपत्र - २**

**तृतीय सत्र**

**अनुवाद व्यवहार की समस्याएं एवं अनुवाद व्यवहार**

१) इकाई - सर्जनात्मक साहित्य का अनुवाद एवं व्यवहार- साहित्य के अनुवाद की समस्याएं

२) इकाई - प्रमुख साहित्य रूपों के संबंध में कविता, कथा-साहित्य, नाटक-साहित्य, समीक्षा, अनुवाद व अनुसृजन ज्ञान के साहित्य का अनुवाद एवं

**व्यवहार**

३) इकाई - सामाजिक विज्ञान और विधि अनुवाद एवं व्यवहार- प्रमुख सामाजिक विज्ञान (इतिहास, राजनीति, विज्ञान, दर्शन, अर्थशास्त्र, वाणिज्य) के सामग्री

के अनुवाद की समस्याएं, विधि साहित्य के अनुवाद की समस्याएं

४) इकाई - प्रशासनिक अनुवाद की समस्याएं तथा ( बैंक, एल.आय.सी., बीमा संबंधी) अनुवाद एवं व्यवहार राजभाषा हिंदी का स्वरूप प्रशासनिक

**शब्दावली**

५) इकाई - कार्यालयीन सामग्री ( टिप्पणी, आलेख, प्रारूप, प्रतिवेदन, कार्यालयीन पत्रादि) के अनुवाद की समस्याएं

अंक विभाजन ( प्रथम सत्र)

१) दीर्घोत्तरी प्रश्न	2 x 16 = 32
२) अनुवाद व्यवहार	2 x 8 = 16
३) लघूत्तरी प्रश्न	4 x 4 = 16
४) वस्तुनिष्ठ प्रश्न/अतिलघूत्तरी प्रश्न	16 x 1 = 16
	80

आंतरिक मूल्यांकन

१) प्रायोगिक कार्य (अनुवाद मराठी से हिंदी)	10 अंक
२) विभागीय इकाई जॉच परीक्षा	10 अंक
कुल अंक -	100

सूचना -

१) प्रत्येक इकाई से एक ऐसे कुल पांच दीर्घोत्तरी प्रश्न पूछे जायेंगे जिनमें से दो प्रश्न हल करना अनिवार्य होगा।

२) साहित्य का अनुवाद एवं व्यवहार इस इकाई से एक तथा अन्य सभी इकाइयों से प्रत्येकी एक अनुवाद व्यवहार का प्रश्न होगा, जिसमें से परीक्षार्थी को कोई दो अनुवाद व्यवहार के प्रश्न हल करने होंगे।

३) पांचों इकाई से कुल आठ लघूत्तरी प्रश्न पूछे जायेंगे जिनमें से चार प्रश्न हल करना अनिवार्य होगा।

४) संपूर्ण पाठ्यक्रम से सोलह वस्तुनिष्ठ प्रश्न पूछे जायेंगे दिये गये सभी प्रश्नों को हल करना अनिवार्य होगा।

**विशेष -** छात्रों को एम.ए. (अनुवाद हिंदी) भाग-२ के प्रश्नपत्र - २ के लिए परीक्षा भवन में कोश ग्रंथों (Dictionary) के उपयोग की छूट होगी।

**एम. ए. भाग. २ ( अनुवाद हिंदी)**

**प्रश्नपत्र - २**

**चतुर्थ सत्र**

**अनुवाद व्यवहार की समस्याएं एवं अनुवाद व्यवहार**

१) इकाई - जनसंचार माध्यमों में अनुवाद एवं व्यवहार पत्र-पत्रिकाएं, आकाशवाणी, दूरदर्शन की

सामग्री

२) इकाई - प्राकृतिक विज्ञान और प्रयोगिकी का अनुवाद एवं व्यवहार - प्रमुख प्राकृतिक विज्ञानों (भौतिक विज्ञान, गणित, रसायनविज्ञान, जीवविज्ञान, वनस्पति विज्ञान)

३) इकाई - इंजीनियरिंग के संदर्भ में वैज्ञानिक साहित्य के अनुवाद की समस्याएं ( प्रत्येक वर्ग से अनुवाद व्यवहार अपेक्षित है - I )

४) इकाई - अनुवाद परीक्षण एवं संपादन (Vetting)

५) इकाई - प्रशासनिक अभिव्यक्तियां वाक्यांश (अंग्रेजी हिंदी-हिंदी से अंग्रेजी)

अंक विभाजन ( प्रथम सत्र)

१) दीर्घोत्तरी प्रश्न	2 x 16 = 32
२) अनुवाद व्यवहार	2 x 8 = 16
३) लघूत्तरी प्रश्न	4 x 4 = 16
४) वस्तुनिष्ठ प्रश्न/अतिलघूत्तरी प्रश्न	16 x 1 = 16
कुल अंक	80

आंतरिक मूल्यांकन

१) प्रायोगिक कार्य (अनुवाद अंग्रेजी से हिंदी) 10 अंक

२) विभागीय इकाई जॉच परीक्षा 10 अंक

कुल अंक - 100

**सूचना -**

१) प्रत्येक इकाई से एक ऐसे कुल पांच दीर्घोत्तरी प्रश्न पूछे जायेंगे जिनमें से दो प्रश्न हल करना अनिवार्य होगा।

२) साहित्य का अनुवाद एवं व्यवहार इस इकाई से एक तथा अन्य सभी इकाइयों से प्रत्येकी एक अनुवाद व्यवहार का प्रश्न होगा, जिसमें से परीक्षार्थी को कोई दो अनुवाद व्यवहार के प्रश्न हल करने होंगे।

३) पाँचों इकाई से कुल आठ लघूत्तरी प्रश्न पूछे जायेंगे जिनमें से चार प्रश्न हल करना अनिवार्य होगा।

४) संपूर्ण पाठ्यक्रम से सोलह वस्तुनिष्ठ प्रश्न पूछे जायेंगे दिये गये सभी प्रश्नों को हल करना अनिवार्य होगा।

**विशेष -** छात्रों को एम.ए. (अनुवाद हिंदी) भाग-२ के प्रश्नपत्र - २ के लिए परीक्षा भवन में कोश ग्रंथों (Dictionary) के उपयोग की छूट होगी।

**एम. ए. भाग. २ ( अनुवाद हिंदी)**

**प्रश्नपत्र - ३ (वैकल्पिक) एक**

**तृतीय सत्र**

**आधुनिक हिंदी साहित्य का प्रवृत्तिमूलक व भाषागत परिचय**

आधुनिक हिंदी साहित्य की विविध विधाओं ( कविता, उपन्यास, नाटक, कहानी एवं निबंध) का परिचयात्मक अध्ययन एवं भाषागत

विशेषताएँ -

१) इकाई : - काव्य -	१. कामायनी ( श्रद्धा, स्वप्न ) जयशंकर प्रसाद २. पंचवटी -- मैथिलीशरण गुप्त
२) इकाई : -- उपन्यास	१. रंगभूमि - प्रेमचंद २. बूंद और समुद्र - अमृतलाल नागर
३) इकाई : - नाटक	१. ध्रुवस्वामिनी - जयशंकर प्रसाद २. लहरों के राजहंस - मोहन राकेश
४) इकाई : - कहानियाँ	१. पुरस्कार- जयशंकर प्रसाद २. वापसी - उषा प्रियवंदा ३. जहाँ लक्ष्मी कैद है - राजेंद्र यादव
५) इकाई : - निबंध	१. श्रद्धा-भक्ति - आ.रामचंद्र शुक्ल २. नाखून क्यों बढ़ते हैं - हजारी प्रसाद द्विवेदी ३. तितुरता हुआ गणतंत्र - हरिशंकर परसाई

अंक विभाजन ( प्रथम सत्र) : -

१) संदर्भ सहित व्याख्या	2 x 8 = 16
२) आलोचनात्मक प्रश्न	2 x 16 = 32
३) लघूत्तरी प्रश्न	4 x 4 = 16
३) वस्तुनिष्ठ प्रश्न/अति लघूत्तरी प्रश्न	16 x 1 = 16
कुल अंक -	80

आंतरिक मूल्यांकन

१) किसी एक लेखक का जीवन परिचय 10 अंक

२) विभागीय इकाई जॉच परीक्षा 10 अंक

कुल अंक - 100

**प्रश्नपत्र का स्वरूप**

प्रश्न १- इकाई - १ से कामायनी तथा पंचवटी, इकाई-२ से रंगभूमि तथा बूंद और समुद्र, इकाई- ३ से ध्रुवस्वामिनी तथा लहरों के राजहंस पाठ्यपुस्तकों से एक-एक पद्यांश और गद्यांश (कुल-६) के व्याख्या पूछे जायेंगे जिनमें से दो व्याख्या करनी पड़ेगी। प्रत्येक व्याख्या के

लिए ८ अंक होंगे।

प्रश्न २- इकाई - १, २ तथा ३ से प्रत्येकी २-२ दीर्घोत्तरी प्रश्न (कुल-६) प्रश्न पूछे जायेंगे, जिनमें से किन्हीं दो प्रश्नों के उत्तर लिखने होंगे। प्रत्येक प्रश्न १६ अंकों का होगा।

प्रश्न ३ - पाँचों इकाई से कुल आठ लघुत्तरी प्रश्न पूछे जायेंगे जिनमें से चार प्रश्न हल करना अनिवार्य होगा।

प्रश्न ४- संपूर्ण पाठ्यक्रम से सोलह अतिलघुत्तरी/वस्तुनिष्ठ प्रश्न पूछे जायेंगे। दिये गये सभी प्रश्नों को हल करना अनिवार्य है।

संदर्भ ग्रंथ सूची .....

- १) चिन्तामणी ---- आ. रामचंद्र शुक्ल
- २) श्रेष्ठ कहानियाँ --- मन्नू भंडारी
- ३) प्रतिनिधि कहानियाँ -- राजेन्द्र यादव
- ४) कहानी विविधा --- डॉ. देवीशंकर अवस्ती
- ५) मानसरोवर -- प्रेमचंद
- ६) कल्पलता -- हजारीप्रसाद द्विवेदी
- ७) परसाई रचनावली -- भाग - ३
- ८) हिंदी रामकाव्य में भगवान राम का चरित्र -- डॉ शंकर बुंदेले
- ९) प्रेमचंद कथा साहित्य -- समीक्षा और मूल्यांकन -- डॉ धर्मध्वज त्रिपाठी
- १०) हिंदी नाटक : मूल्य चिंतन और रंगदृष्टि, डॉ ओमप्रकाश सारस्वत
- ११) मोहन राकेश और उनके नाटक -- गिरिश रस्तोगी
- १२) हिंदी कहानी -- प्रक्रिया और पाठ, सुरेन्द्र चौधरी, दिनकर सं. डॉ. सावित्री सिन्हा

एम. ए. भाग. २ ( अनुवाद हिंदी)

प्रश्नपत्र - ३ (वैकल्पिक) एक

चतुर्थ सत्र

आधुनिक हिंदी साहित्य का प्रवृत्तिमूलक व भाषागत परिचय

- १) इकाई : - काव्य १. कामायनी (आशा) जयशंकर प्रसाद २. रश्मि रथी -- रामधारी सिंह दिनकर  
 २) इकाई : - उपन्यास १. बाणभट्ट की आत्मकथा - हजारी प्रसाद द्विवेदी २. शेखर एक जीवनी - अज्ञेय  
 ३) इकाई : - नाटक १. अंधेर नगरी- भारतेन्दु हरिश्चंद्र २. आठवाँ सर्ग - सुरेन्द्र वर्मा  
 ४) इकाई : - कहानियाँ १. ईदगाह - प्रेमचंद २. करवा का व्रत- यशपाल ३. मैं हार गई - मन्नु भंडारी  
 ५) इकाई : - परशुराम शुक्ल की बाल सतसई से - १) बालवन्दन २) बच्चे और राष्ट्र ३) बेटी और समाज के दोहे

अंक विभाजन ( द्वितीय सत्र) : -

१) संदर्भ सहित व्याख्या	2 x 8 = 16
२) आलोचनात्मक प्रश्न	2 x 16 = 32
३) लघूत्तरी प्रश्न	4 x 4 = 16
३) वस्तुनिष्ठ प्रश्न/अति लघूत्तरी प्रश्न	16 x 1 = 16
कुल अंक -	80

आंतरिक मूल्यांकन

- १) किसी एक लेखक का जीवन परिचय 10 अंक  
 २) विभागीय इकाई जॉच परीक्षा 10 अंक  
 कुल अंक - 100

प्रश्नपत्र का स्वरूप

प्रश्न १- इकाई - १ से कामायनी तथा हुंकार, इकाई-२ से पुनर्नवा तथा रागदरबारी, इकाई-३ से अंधेर नगरी तथा आठवाँ सर्ग पाठ्यपुस्तकों से एक-एक पद्यांश और गद्यांश (कुल-६) के व्याख्या पूछे जायेंगे जिनमें से दो व्याख्या करनी पड़ेगी। प्रत्येक व्याख्या के लिए ८ अंक होंगे।

प्रश्न २- इकाई - १, २ तथा ३ से प्रत्येकी २-२ दीर्घोत्तरी प्रश्न (कुल-६) प्रश्न पूछे जायेंगे, जिनमें से किन्हीं दो प्रश्नों के उत्तर लिखने होंगे। प्रत्येक प्रश्न १६ अंकों का होगा।

प्रश्न ३ - पाँचों इकाई से कुल आठ लघूत्तरी प्रश्न पूछे जायेंगे जिनमें से चार प्रश्न हल करना अनिवार्य होगा।

प्रश्न ४- संपूर्ण पाठ्यक्रम से सोलह अति लघूत्तरी/वस्तुनिष्ठ प्रश्न पूछे जायेंगे। दिये गये सभी प्रश्नों को हल करना अनिवार्य है।

संदर्भ ग्रंथ सूची .....

- १) चिन्तामणी - आ. रामचंद्र शुक्ल
- २) श्रेष्ठ कहानियाँ - मन्नु भंडारी
- ३) प्रतिनिधि कहानियाँ - राजेन्द्र यादव
- ४) कहानी विविधा - डॉ. देवीशंकर अवस्वी
- ५) मानसरोवर - प्रेमचंद
- ६) कल्पलता - हजारी प्रसाद द्विवेदी
- ७) परसाई रचनावली - भाग - ३
- ८) हिंदी रामकाव्य में भगवान राम का चरित्र -- डॉ शंकर बुंदेले
- ९) प्रेमचंद कथा साहित्य -- समीक्षा और मूल्यांकन -- डॉ धर्मध्वज त्रिपाठी
- १०) हिंदी नाटक : मूल्य चिंतन और रंगदृष्टि, डॉ ओमप्रकाश सारस्वत
- ११) मोहन राकेश और उनके नाटक -- गिरिश रस्तोगी
- १२) हिंदी कहानी -- प्रक्रिया और पाठ, सुरेन्द्र चौधरी, दिनकर सं. डॉ. सावित्री सिन्हा
- १३) बाल सतसई -- डॉ. परशुराम शुक्ल
- १४) सतसई काव्य परंपरा और बाल सतसई - डॉ. संगिता जगताप
- १५) बाल सतसई प्रबोधिनी - स्वामी विजयानंद, डॉ. रामबहोरी त्रिपाठी

एम. ए. भाग. २ ( अनुवाद हिंदी)

प्रश्नपत्र - ३ (वैकल्पिक) दो

तृतीय सत्र

राजभाषा प्रशिक्षण

प्रस्तावना -

कार्यालयीन-हिंदी का एक नया स्वरूप इधर विकसित हुआ है। इसका व्यवस्थित ज्ञान प्राप्त कर लेने पर रोजगार की संभावनाओं में अभिवृद्धि होगी और राजभाषा का स्तरोन्वयन भी होगा।

पाठ्यविषय

१) इकाई - प्रशासन - व्यवस्था और भाषा। भारत की बहुभाषिकता और एक संपर्क भाषा की आवश्यकता।

२) इकाई - राजभाषा विषयक सांविधानिक प्रावधान- राजभाषा अधिनियम ( अनुच्छेद ३४३ से ३५१ तक), राष्ट्रपति के आदेश (१९५२, १९५५, १९६०),

राजभाषा अधिनियम १९६३ (यथा संशोधित १९६७), राजभाषा संकल्प(१९६८) (यथानुमोदित १९६१), राजभाषा नियम १९७६, द्विभाषा नीति और त्रिभाषा सूत्र। हिंदीतर राज्यों के प्रशासनिक क्षेत्रों में हिंदी की स्थिति। अंतरराष्ट्रीय स्तर पर हिंदी। हिंदी के प्रचार-प्रसार में विभिन्न हिंदी संस्थाओं की भूमिका। हिंदी और देवनागरी लिपि के मानकीकरण की समस्या।



३) इकाई - हिंदी कम्प्यूटीकरण ।

४) इकाई - भूमण्डलीकरण के परिप्रेक्ष्य में हिंदी का भविष्य

५) इकाई - हिंदी संकेताक्षर और कूटपद निर्माण। हिंदी में वैज्ञानिक और तकनीकी परिभाषिक शब्दावली।

अंक विभाजन ( प्रथम सत्र)

१) दीर्घोत्तरी प्रश्न	3 x 16 = 48
२) लघूत्तरी प्रश्न	4 x 4 = 16
३) वस्तुनिष्ठ प्रश्न/अति लघूत्तरी प्रश्न	16 x 1 = 16
	कुल अंक 80

आंतरिक मूल्यांकन

१) प्रायोगिक कार्य (कार्यलयी हिंदी) 10 अंक

२) विभागीय इकाई जॉच परीक्षा 10 अंक

कुल अंक - 100

### एम. ए. भाग. २ ( अनुवाद हिंदी)

प्रश्नपत्र - ३ (वैकल्पिक) दो

चतुर्थ सत्र

राजभाषा प्रशिक्षण

**प्रस्तावना -**

कार्यालयीन-हिंदी का एक नया स्वरूप इधर विकसित हुआ है। इसका व्यवस्थित ज्ञान प्राप्त कर लेने पर रोजगार की संभावनाओं में अभिवृद्धि होगी और राजभाषा का स्तरोन्वयन भी होगा।

**पाठ्यविषय**

१) इकाई - राजभाषा (कार्यलयी हिंदी) की प्रकृति।

राजभाषा का अनुप्रयोगात्मक पक्ष: हिंदी आलेखन, टिप्पण, संक्षेपण तथा पत्राचार ।

२) इकाई - कार्यालय अभिलेखों के हिंदी अनुवाद की समस्या। केंद्र एवं राज्य शासन के विभिन्न मंत्रालयों में हिन्दीकरण की प्रगति।

३) इकाई - बैंकिंग, बीमा और अन्य वाणिज्यिक क्षेत्रों में हिंदी अनुप्रयोग की स्थिति।

४) इकाई - विधिक क्षेत्र में हिंदी।

५) इकाई - सूचना प्रौद्योगिकी (संचार माध्यमों) के परिप्रेक्ष्य में हिंदी और देवनागरी लिपि।

अंक विभाजन ( द्वितीय सत्र)

१) दीर्घोत्तरी प्रश्न	3 x 16 = 48
२) लघूत्तरी प्रश्न	4 x 4 = 16
३) वस्तुनिष्ठ प्रश्न/अतिलघूत्तरी प्रश्न	16 x 1 = 16
	कुल अंक - 80

आंतरिक मूल्यांकन

१) विभागीय इकाई जॉच परीक्षा 10 अंक

२) प्रायोगिक कार्य ( कार्यालयीन हिंदी पत्राचार) 10 अंक

कुल अंक - 100

### एम. ए. भाग. २ ( अनुवाद हिंदी)

प्रश्नपत्र - ३ (वैकल्पिक) तीन

तृतीय सत्र

कोशविज्ञान

**प्रस्तावना -**

कोशविज्ञान कोश निर्माण की सैद्धांतिकी के रूप में आज के बहुभाषाभाषी विश्वग्राम में एक अत्यंत उपयोगी शास्त्र है। भाषाविज्ञान के विभिन्न अंगभूत, शास्त्रों और शाखाओं ध्वनिविज्ञान, लिपिविज्ञान,रूपविज्ञान, अर्थविज्ञान और ऐतिहासिक भाषाविज्ञान के समेकित अनुप्रयोग पर आधारित यह शास्त्र कोश-निर्माण के विभिन्न पक्षों, कोश के प्रकारों, कोश-निर्माण की प्रक्रिया, कोश की समस्याओं, आदि से अध्येता को अवगत कराते हुए आवश्यक अंतर्दृष्टि प्रदान करता है।

१) इकाई - कोश,परिभाषा और स्वरूप। कोश की उपयोगिता।कोश और व्याकरण का अंतःसंबंध।

२) इकाई - कोश के भेद - समभाषी, द्विभाषी और बहुभाषी कोश, एककालिक और कालक्रमिक कोश, विषय कोश, पारिभाषिक कोश, व्युत्पत्ति कोश, समांतर कोश,अध्येता कोश, विश्वकोश, बोली कोश।

३) इकाई - कोश निर्माण की प्रक्रिया :- सामग्री संकलन, प्रविष्टिक्रम, व्याकरणिक कोटि, उच्चारण,

४) इकाई - कोश निर्माण की प्रक्रिया :- व्युत्पत्ति अर्थ ( पर्याय, व्याख्या,चित्र) प्रयोग, उप-प्रविष्टियों, संदर्भ और प्रतिसंदर्भ।

५) इकाई - कोश-निर्माण: विज्ञान या कला।

अंक विभाजन ( प्रथम सत्र)

१) दीर्घोत्तरी प्रश्न	3 x 16 = 48
२) लघूत्तरी प्रश्न	4 x 4 = 16
३) वस्तुनिष्ठ प्रश्न	16 x 1 = 16
	कुल अंक 80

आंतरिक मूल्यांकन

१) विभागीय कार्यक्रमों में सहभागिता एवं उपस्थिति	10 अंक
२) प्रायोगिक कार्य	10 अंक
<b>कुल अंक -100</b>	

सूचना -

१) प्रत्येक इकाई से एक ऐसे कुल पांच दीर्घोत्तरी प्रश्न पूछे जायेंगे जिनमें से तीन प्रश्न हल करना अनिवार्य होगा।

२) पांचों इकाई से कुल आठ लघूत्तरी प्रश्न पूछे जायेंगे जिनमें से चार प्रश्न हल करना अनिवार्य होगा।

३) संपूर्ण पाठ्यक्रम से सोलह वस्तुनिष्ठ प्रश्न पूछे जायेंगे दिये गये सभी प्रश्नों को हल करना अनिवार्य होगा।

**एम. ए. भाग. २ ( अनुवाद हिंदी)**

**प्रश्नपत्र - ३ (वैकल्पिक) तीन**

**चतुर्थ सत्र**

**कोशविज्ञान**

**प्रस्तावना -**

कोशविज्ञान कोश निर्माण की सैद्धांतिकी के रूप में आज के बहुभाषाभाषी विश्वग्राम में एक अत्यंत उपयोगी शास्त्र है। भाषाविज्ञान के विभिन्न अंगभूत, शास्त्रों और शाखाओं ध्वनिविज्ञान, लिपिविज्ञान, रूपविज्ञान, अर्थविज्ञान और ऐतिहासिक भाषाविज्ञान के समेकित अनुप्रयोग पर आधारित यह शास्त्र कोश-निर्माण के विभिन्न पक्षों, कोश के प्रकारों, कोश-निर्माण की प्रक्रिया, कोश की समस्याओं, आदि से अध्येता को अवगत कराते हुए आवश्यक अंतर्दृष्टि प्रदान करता है।

१) इकाई - प्रविष्टि संरचना, रूपिम, शब्द और शब्दम, सरल, व्युत्पन्न और सामाजिक शब्दम, सामाजिक शब्दम सहप्रयोगात्मक, व्युत्पादक समास, सहप्रयोग और संदर्भ।

२) इकाई - रूप अर्थ संबंध :- अनेकार्थकता समानार्थकता समानामता, समध्वन्यात्मकता, विलोमता।

३) इकाई - कोश निर्माण की समस्याएं :- समभाषी, द्विभाषी और बहुभाषी कोशों के संदर्भ में अलिखित भाषाओं का कोश-निर्माण।

४) इकाई - कोशविज्ञान और अन्य विषयों का संबंध :- कोशविज्ञान और स्वनविज्ञान, व्याकरण, व्युत्पत्तिशास्त्र और अर्थविज्ञान का संबंध।

५) इकाई - पाश्चात्य कोश परंपरा, भारतीय कोश परंपरा तथा हिंदी कोश साहित्य का इतिहास। हिंदी के प्रमुख कोश और कोशकार।

अंक विभाजन ( द्वितीय सत्र)

१) दीर्घोत्तरी प्रश्न	3 x 16 = 48
२) लघूत्तरी प्रश्न	4 x 4 = 16
३) वस्तुनिष्ठ प्रश्न	16 x 1 = 16
<b>80</b>	

आंतरिक मूल्यांकन

१) विभागीय इकाई जॉच परीक्षा	10 अंक
२) प्रायोगिक कार्य	10 अंक
<b>कुल अंक - 100</b>	

सूचना -

१) प्रत्येक इकाई से एक ऐसे कुल पांच दीर्घोत्तरी प्रश्न पूछे जायेंगे जिनमें से तीन प्रश्न हल करना अनिवार्य होगा।

२) पांचों इकाई से कुल आठ लघूत्तरी प्रश्न पूछे जायेंगे जिनमें से चार प्रश्न हल करना अनिवार्य होगा।

३) संपूर्ण पाठ्यक्रम से सोलह वस्तुनिष्ठ प्रश्न पूछे जायेंगे दिये गये सभी प्रश्नों को हल करना अनिवार्य होगा।

**एम. ए. भाग. २ ( अनुवाद हिंदी)**

**प्रश्नपत्र - ४**

**तृतीय सत्र**

**अनुवाद परियोजना / विनिबंध एवं मौखिकी**

१) अनुवाद परियोजना

विश्वविद्यालय द्वारा निर्दिष्ट शिक्षक की देखरेख में ८० अंक

क) किसी प्रयुक्ति विशेष के कम से कम २० पृष्ठ ( एक पृष्ठ में ३०० शब्द होना अनिवार्य है) सामग्री का अंग्रेजी से हिंदी में अनुवाद ६० अंक

ख) आधुनिक भारतीय भाषा ( इस विश्वविद्यालय में मराठी भाषा) की ०५ पृष्ठ ( एक पृष्ठ में ३०० शब्द होना अनिवार्य है) सामग्री का मराठी से हिंदी में अनुवाद - २० अंक

अथवा

विनिबंध पुनरानुवाद/ दोष- विश्लेषण/ तुलनात्मक मूल्यांकन/ पुनरीक्षण (Vetting) आदि किसी एक का विस्तृत विश्लेषण

२) मौखिकी-अनुवाद सिद्धांत, पारिभाषिक शब्दावली, अनुवाद के क्षेत्र में सामाजिक-सांस्कृतिक परिवेश संबंधी भाषागत समस्याएं आदि पर प्रश्न -२० अंक

**संदर्भ ग्रंथ सूची**

१) अनुवाद भाषाएं - समस्याएं, एन. ई. विश्वनाथ अय्यर

२) साहित्यानुवाद: संवाद और संवेदना- डॉ. आरसु

३) काव्यानुवाद की समस्याएं - भोलानाथ तिवारी, महेन्द्र चतुर्वेदी

४) भारतीय भाषाएं और हिंदी अनुवाद, समस्या-समाधान, सं. कैलाशचंद्र भाटिया

५) राजभाषा हिंदी में वैज्ञानिक साहित्य के अनुवाद की दिशाएं, डॉ. हरिमोहन

६) वैज्ञानिक साहित्य के अनुवाद की समस्याएं, डॉ. भोलानाथ तिवारी

७) अनुवाद की समस्याएं, सं. जी. गोपीनाथन - एस गोस्वामी

८) कार्यालयी - अनुवाद की समस्याएं, डॉ. भोलानाथ तिवारी - डॉ. कृष्णकुमार गोस्वामी, अजीतलाल गुलाटी

९) बैंकों में अनुवाद प्रविधि, डॉ. सीता कुंचित पादम

- १०) कार्यलयी अनुवाद निदेशिका, जी. गोपीनाथ श्रीवास्तव  
 ११) अनुवाद विज्ञान, डॉ. भोलानाथ तिवारी  
 १२) अनुवाद: सिद्धांत और समस्याएं, डॉ. रवीन्द्रनाथ श्रीवास्तव - डॉ. कृष्णकुमार गोस्वामी  
 १३) अनुवाद: सिद्धांत एवं अनुप्रयोग, डॉ. नगेद्र  
 १४) वृहद प्रशासन शब्दावली Glossary administrative Terms (मानव संसाधन विकास मंत्रालय शिक्षा विभाग)  
 १५) कार्यालय सहायिका केन्द्रीय सचिवालय हिंदी परिषद दिल्ली, मूल संपादक, हरिबाबू कंसल

**एम. ए. भाग. २ ( अनुवाद हिंदी)**

**प्रश्नपत्र - ४**

**चतुर्थ सत्र**

**अनुवाद परियोजना / विनिबंध एवं मौखिकी**

- १) अनुवाद परियोजना विश्वविद्यालय द्वारा निर्दिष्ट शिक्षक की देखरेख में ८० अंक  
 क) किसी प्रयुक्त विशेष के कम से कम २० पृष्ठ ( एक पृष्ठ में ३०० शब्द होना अनिवार्य है) सामग्री का अंग्रेजी से हिंदी में अनुवाद ६० अंक  
 ख) आधुनिक भारतीय भाषा ( इस विश्वविद्यालय में मराठी भाषा) की ०५ पृष्ठ ( एक पृष्ठ में ३०० शब्द होना अनिवार्य है) सामग्री का मराठी से हिंदी में अनुवाद - २० अंक

**अथवा**

विनिबंध पुनरानुवाद/ दोष- विश्लेषण/ तुलनात्मक मूल्यांकन/ पुनरीक्षण (Vetting) आदि किसी एक का विस्तृत विश्लेषण

- २) मौखिकी -अनुवाद सिद्धांत,पारिभाषिक शब्दावली,अनुवाद के क्षेत्र में सामाजिक-सांस्कृतिक परिवेश संबंधी भाषागत समस्याएं आदि पर प्रश्न -२० अंक

**संदर्भ ग्रंथ सूची**

- १) अनुवाद भाषाएं - समस्याएं , एन. ई. विश्वनाथ अय्यर  
 २) साहित्यानुवाद: संवाद और संवेदना- डॉ. आरसु  
 ३) काव्यानुवाद की समस्याएं - भोलानाथ तिवारी, महेन्द्र चतुर्वेदी  
 ४) भारतीय भाषाएं और हिंदी अनुवाद, समस्या-समाधान, सं. कैलाशचंद्र भाटिया  
 ५) राजभाषा हिंदी में वैज्ञानिक साहित्य के अनुवाद की दिशाएं, डॉ. हरिमोहन  
 ६) वैज्ञानिक साहित्य के अनुवाद की समस्याएं, डॉ. भोलानाथ तिवारी  
 ७) अनुवाद की समस्याएं, सं. जी. गोपीनाथन - एस गोस्वामी  
 ८) कार्यलयी - अनुवाद की समस्याएं, डॉ. भोलानाथ तिवारी - डॉ. कृष्णकुमार गोस्वामी, अजीतलाल गुलाटी  
 ९) बैंकों में अनुवाद प्रविधि, डॉ. सीता कुंचित पादम  
 १०) कार्यलयी अनुवाद निदेशिका, जी. गोपीनाथ श्रीवास्तव  
 ११) अनुवाद विज्ञान, डॉ. भोलानाथ तिवारी  
 १२) अनुवाद: सिद्धांत और समस्याएं, डॉ. रवीन्द्रनाथ श्रीवास्तव - डॉ. कृष्णकुमार गोस्वामी  
 १३) अनुवाद: सिद्धांत एवं अनुप्रयोग, डॉ. नगेद्र  
 १४) वृहद प्रशासन शब्दावली Glossary administrative Terms (मानव संसाधन विकास मंत्रालय शिक्षा विभाग)  
 १५) कार्यालय सहायिका केन्द्रीय सचिवालय हिंदी परिषद दिल्ली, मूल संपादक, हरिबाबू कंसल

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**Appendix-E**

**वाङ्.मय पारंगत भाग-२  
 संस्कृत साहित्य आणि अलंकार (वर्ग घ)  
 साहित्यशास्त्र (सत्र ३रे) प्रश्नपत्रिका-१**

एकूण गुण ८०  
 अंतर्गत - 20

Unit – I	मम्मटकृत काव्यप्रकाश उल्लास-१	१६ गुण
Unit – II	मम्मटकृत काव्यप्रकाश उल्लास-२	१६ गुण
Unit – III	मम्मटकृत काव्यप्रकाश उल्लास-७	१६ गुण
Unit – IV	मम्मटकृत काव्यप्रकाश उल्लास-८	१६ गुण
Unit – V	वस्तुनिष्ठ प्रश्न	१६ गुण

**प्रश्नपत्रिकेचे स्वरूप**

प्रश्न १ ला		
अ)	३ पैकी २ कारिकांचे स्पष्टीकरण	१० गुण
ब)	टिपा लिहा ४ पैकी २	०६ गुण
प्रश्न २ रा	अ) ३ पैकी २ कारिकांचे स्पष्टीकरण	१० गुण
	ब) टिपणे लिहा ४ पैकी २	०६ गुण
प्रश्न ३ रा	अ) दीर्घोत्तरी प्रश्न २ पैकी १	१० गुण
	ब) टिपणे लिहा ४ पैकी २	०६ गुण
प्रश्न ४ था	अ) दीर्घोत्तरी प्रश्न २ पैकी १	१० गुण
	ब) टिपणे लिहा ४ पैकी २	०६ गुण
प्रश्न ५ वा	वस्तुनिष्ठ प्रश्न (वरील चार घटकांवर आधारित)	१६ गुण

संदर्भ ग्रंथ सूची :-

- १) श्रीमम्मटाचार्य विरचित काव्यप्रकाश- डॉ.सत्यव्रतसिंह चौखम्भा प्रकाशन विद्याभवन, वाराणसी  
काव्यप्रकाश- कृष्ण श्रीनिवास अर्जुनवाडकर, अरविंद मंगरुळकर देशमुख प्रकाशन ७३३९९ बुधवार, पुणे  
काव्यप्रकाश- डॉ.नीला प्र.सोमलवार, कौमुदी प्रकाशन, पुणे  
अंतर्गत मूल्यामापन- २० गुण (स्वाध्याय लेखन)

वाङ्.मय पारंगत भाग-२  
संस्कृत साहित्य आणि अलंकार (वर्ग घ)  
प्रश्नपत्रिका-१  
साहित्यशास्त्र (सत्र ४थे)

एकूण गुण ८०  
अंतर्गत मूल्यामापन गुण-२०

Unit – I	ध्वन्यालोक उद्योत-२	१६ गुण
Unit – II	भामहकृत काव्यलंकार (परिच्छेद-१)	१६ गुण
Unit – III	भामहकृत काव्यालंकार (परिच्छेद-२)	१६ गुण
Unit – IV	मम्मटक वामनकृत काव्यलंकार सूत्रवृत्ती (प्रथम अधिकरण)	१६ गुण
Unit – V	वस्तुनिष्ठ प्रश्न	१६ गुण

प्रश्नपत्रिकेचे स्वरूप

प्रश्न १ ला

अ)	४ पैकी २ कारिकांचे स्पष्टीकरण करा	१० गुण
ब)	टिपा लिहा ४ पैकी २	०६ गुण
प्रश्न २ रा	अ) ४ पैकी २ कारिकांचे स्पष्टीकरण	१० गुण
	ब) टिपणे लिहा ४ पैकी २	०६ गुण
प्रश्न ३ रा	अ) ४ पैकी दोन कारिकांचा स्पष्टीकरणासह अनुवाद	१० गुण
	ब) टिपणे लिहा ४ पैकी २	०६ गुण
प्रश्न ४ था	अ) ४ पैकी २ कारिकांचा स्पष्टीकरणासह अनुवाद	१० गुण
	ब) ४ पैकी २ व टिपा	०६ गुण
प्रश्न ५ वा	वस्तुनिष्ठ प्रश्न (वरील चार घटकांवर आधारित)	१६ गुण

संदर्भग्रंथ - आचार्य भामह विरचित काव्यलंकार, चौखम्भा प्रकाशन, वाराणसी

आनंदवर्धनकृत ध्वन्यालोक :- जगन्नाथ पाठक, चौखम्भा प्रकाशन वाराणसी

वामनकृत काव्यलंकार सूत्रवृत्ती - डॉ.जी.एन.झा.

शास्त्रत्रिदलम् - डॉ.के.रा.जोशी विश्वभारती प्रकाशन, नागपूर.

अंतर्गत मूल्यामापन - २० गुण (स्वाध्याय लेखन )

वाङ्.मय पारंगत भाग-२  
प्रश्नपत्रिका-२ (सत्र ३रे)  
नाट्यशास्त्र आणि नाटक

एकूण गुण ८०  
अंतर्गत -20

Unit – I	दशरूपक प्रकाश-१	१६ गुण
Unit – II	दशरूपक प्रकाश-२	१६ गुण
Unit – III	दशरूपक प्रकाश-३	१६ गुण
Unit – IV	दशरूपक प्रकाश-४	१६ गुण
Unit – V	वस्तुनिष्ठ प्रश्न २० पैकी १६	१६ गुण

प्रश्नपत्रिकेचे स्वरूप

प्रश्न १ ला

अ)	४ पैकी २ कारिकांचे सानुवाद स्पष्टीकरण	१० गुण
ब)	४ पैकी २ वर टिपणे	०६ गुण
प्रश्न २ रा	अ) ४ पैकी २ कारिकांचे सानुवाद स्पष्टीकरण	१० गुण
	ब) ४ पैकी २ वर टिपणे लिहा	०६ गुण
प्रश्न ३ रा	अ) २ पैकी १ दीर्घोत्तरी प्रश्न	१० गुण
	ब) टिपा २ पैकी १	०६ गुण
प्रश्न ४ था	अ) २ पैकी १ दीर्घोत्तरी प्रश्न	१० गुण
	ब) टिपा २ पैकी १	०६ गुण
प्रश्न ५ वा	वस्तुनिष्ठ प्रश्न २० पैकी १६ (वरील चार घटकांवर आधारित)	



संदर्भ ग्रंथ सूची — दशरूपक — डॉ.सुधाकर मालविय, कृष्णदास अकादमी वाराणसी  
 दशरूपक — डॉ.भोलाशंकर व्यास, चौखम्बा प्रकाशन, वाराणसी  
 तीरे संस्कृताची गहने — डॉ.के.रा. जोशी, विश्वभारती प्रकाशन, नागपूर.  
 अंतर्गत गुण २० सेमिनार

**वाङ्.मय पारंगत भाग-२**

**प्रश्नपत्रिका-२ (सत्र ४थे)  
 नाट्यशास्त्र आणि नाटक**

एकूण गुण ८०  
 अंतर्गत -20

Unit – I	भवभूतिकृत उत्तरामचरितम् अंक १ व २	१६ गुण
Unit – II	भवभूतिकृत उत्तरामचरितम् अंक ३ व ४	१६ गुण
Unit – III	भवभूतिकृत उत्तरामचरितम् अंक ५ व ७	१६ गुण
Unit – IV	भरतमुनींचे नाट्यशास्त्र अध्याय-२	१६ गुण
Unit – V	वस्तुनिष्ठ प्रश्न २० पैकी १६	१६ गुण

**प्रश्नपत्रिकेचे स्वरूप**

प्रश्न १ ला		
अ) ४ पैकी २ श्लोकांचा अनुवाद करा		१० गुण
ब) ४ पैकी २ वाक्यांचे संदर्भासह स्पष्टीकरण		०६ गुण
प्रश्न २ रा	अ) ४ पैकी २ श्लोकांचा अनुवाद करा	१० गुण
	ब) ४ पैकी २ वाक्यांचे संदर्भासह स्पष्टीकरण	०६ गुण
प्रश्न ३ रा	अ) दीर्घोत्तरी प्रश्न २ पैकी १	१० गुण
	ब) टिपा ४ पैकी २	०६ गुण
प्रश्न ४ था	अ) ३ पैकी २ श्लोकांचे स्पष्टीकरण	१० गुण
	ब) ४ पैकी २ वर टिपा	०६ गुण
प्रश्न ५ वा	वस्तुनिष्ठ प्रश्न २० पैकी १६ (वरील चार घटकांवर आधारित)	१६ गुण

संदर्भ ग्रंथ सूची — भवभूति — आर.डी.करमरकर  
 नाट्यशास्त्र अध्याय-२ प्रा.डॉ.छाया पालकर (गिरी) मंगेश प्रकाशन, नागपूर.  
 भरतमुनींचे नाट्यशास्त्र- गोदावरी केतकर, पॉप्युलर प्रकाशन, मुंबई  
 नाट्यशास्त्रम् अध्याय-२ श्री सत्यप्रकाश शर्मा चौखम्बा सुरभारती प्रकाशन, वाराणसी

अंतर्गत मूल्यमापन - सेमिनार

**वाङ्.मय पारंगत भाग-२**

**संस्कृत साहित्य आणि अलंकार (वर्ग घ)  
 प्रश्नपत्रिका-३ (सत्र ३रे)**

एकूण गुण ८०  
 अंतर्गत - 20

**गद्य आणि महाकाव्य**

Unit – I	बाणभट्टकृत कादम्बरी महाश्वेतावृत्तान्त अथगीतावसाने ते निष्पन्दमतिष्ठम्	१६ गुण
Unit – II	बाणभट्टकृत कादम्बरी महाश्वेतावृत्तान्त अथताम्बूल करड. वाहिनी ते तस्मादप्रासाद शिखरादवातरम्	१६ गुण
Unit – III	बाणभट्टकृत कादम्बरी महाश्वेता वृत्तान्त अवतीर्यच उच्चैः साडरोदित्	१६ गुण
Unit – IV	बाणभट्टकृत कादम्बरी महाश्वेता वृत्तान्त	१६ गुण
Unit – V	वस्तुनिष्ठ प्रश्न २० पैकी १६	१६ गुण

**प्रश्नपत्रिकेचे स्वरूप**

प्रश्न १ ला	अ) दोन पैकी एका परिच्छेदाचा अनुवाद ब) टिपा ४ पैकी २	१० गुण ०६ गुण
प्रश्न २ रा	अ) दोन पैकी एका परिच्छेदाचा अनुवाद ब) टिपा ४ पैकी २	१० गुण ०६ गुण
प्रश्न ३ रा	अ) दीर्घोत्तरी प्रश्न २ पैकी १ ब) संदर्भासह स्पष्टीकरण ४ पैकी २	१० गुण ०६ गुण
प्रश्न ४ था	अ) ४ पैकी २ परिच्छेदाचा अनुवाद करा ब) दीर्घोत्तरी प्रश्न २ पैकी १	१० गुण ०६ गुण
प्रश्न ५ वा	वस्तुनिष्ठ प्रश्न (वरील चार घटकांवर आधारित)	१६ गुण

**संदर्भ ग्रंथ :-**

बाणभट्ट एवं कादम्बरी — एक आलोचनात्मक अध्ययन- महेशचंद्र भरती चौखम्बा प्रकाशन, वाराणसी  
बाणभट्टका साहित्यिक अध्ययन - अमरनाथ पंडे चौखम्बा प्रकाशन, वाराणसी  
बाणाची कादंबरी भाग-१ व २ — वरदा प्रकाशन, पुणे भाग-२ रसमयी  
अंतर्गत गुण २० (सेमिनार)

**वाङ्.मय पारंगत भाग-२**  
**संस्कृत साहित्य आणि अलंकार (वर्ग घ)**  
**प्रश्नपत्रिका-३ (सत्र ४ थे)**

एकूण गुण ८०

**गद्य आणि महाकाव्य**

अंतर्गत - 20

Unit – I	महाकविकालिदासकृत रघुवंशम् सर्ग १ ला	१६ गुण
Unit – II	महाकविकालिदासकृत कुमारसंभवम् सर्ग ५ वा	१६ गुण
Unit – III	भारविकृत किरातार्जुनीयम् सर्ग १ ला	१६ गुण
Unit – IV	नैषधीय चरितम् सर्ग १ ला	१६ गुण
Unit – V	वस्तुनिष्ठ प्रश्न २० पैकी १६	१६ गुण

**प्रश्नपत्रिकेचे स्वरूप**

प्रश्न १ ला (Unit – I) अ) दीर्घोत्तरी प्रश्न २ पैकी १	१० गुण
ब) टिपणे ४ पैकी २	०६ गुण
प्रश्न २ रा (Unit – II) अ) ४ पैकी २ श्लोकांचा अनुवाद	१० गुण
ब) दीर्घोत्तरी प्रश्न २ पैकी १	०६ गुण
प्रश्न ३ रा (Unit – III) अ) दीर्घोत्तरी प्रश्न २ पैकी १	१० गुण
ब) टिपणे ४ पैकी २	०६ गुण
प्रश्न ४ था (Unit – IV) अ) श्लोकांचा अनुवाद ४ पैकी २	१० गुण
ब) टिपणे ४ पैकी २	०६ गुण
प्रश्न ५ वा वस्तुनिष्ठ प्रश्न (वरील चार घटकांवर आधारित)	१६ गुण

**संदर्भ ग्रंथ :-**

रघुवंशम् — विदर्भमराठवाडा प्रकाशन  
कुमारसंभवम् — चौखम्बा प्रकाशन  
नैषधीयचरितम् — प्रसाद प्रकाशन, पुणे  
किरातार्जुनीयम् — प्रसाद प्रकाशन, पुणे  
अंतर्गत — २० (सेमिनार)

**वाङ्.मय पारंगत भाग-२**  
**संस्कृत साहित्य आणि अलंकार (वर्ग घ)**  
**प्रश्नपत्रिका-४ (सत्र ३ रे)**  
**सर्वसाधारण**

एकूण गुण ८०

अंतर्गत - 20

Unit – I	संस्कृत निबंध	१६ गुण
Unit – II	संस्कृत पत्रलेखन	१६ गुण
Unit – III	अपठित गद्य	१६ गुण
Unit – IV	अपठित पद्य	१६ गुण
Unit – V	वस्तुनिष्ठ प्रश्न (२० पैकी १६)	१६ गुण

**प्रश्नपत्रिकेचे स्वरूप**

प्रश्न १ ला		
अ) चारपैकी कोणत्याही एका विषयावर संस्कृतात निबंध लिहा	१६ गुण	
प्रश्न २ रा	अ) अभिनंदन पर पत्र अथवा शुभेच्छा देणारे पत्र लिहा (संस्कृतातुन)	८ गुण
	ब) अर्ज किंवा मागणी पत्र (संस्कृतातुन)	८ गुण
प्रश्न ३ रा	दोन पैकी एक गद्य उतायाचा अनुवाद	१६ गुण
प्रश्न ४ था	आठ पैकी कोणत्याही चार पद्यांचा अनुवाद	१६ गुण
प्रश्न ५ वा	वस्तुनिष्ठ प्रश्न (२० पैकी १६)	
	(वरील चार घटकांवर आधारित)	१६ गुण

**संदर्भ ग्रंथ :-** मज्जूषा डॉ.उदयशंकर सा.

संस्कृतनिबन्ध चौखम्बा सुरभारती प्रकाशन, वाराणसी  
संदेश संस्कृतम् संस्कृत भारती प्रकाशन, नवी दिल्ली  
संस्कृत निबन्ध रत्नावली — डॉ.रामचन्द्र वर्मा शास्त्री  
अशोक प्रकाशन, दिल्ली

अंतर्गत गुण २० प्रकल्पलेखन (अभ्यासक्रमावर आधारित)

**वाङ्.मय पारंगत भाग-२**  
**संस्कृत साहित्य आणि अलंकार (वर्ग घ)**  
**प्रश्नपत्रिका-४ (सत्र ४ थे)**  
**सर्वसाधारण**

एकूण गुण ८०  
अंतर्गत - 20

Unit – I	संस्कृत साहित्याचा इतिहास (संस्कृत महाकाव्य खंडकाव्य)	१६ गुण
Unit – II	संस्कृत साहित्याचा इतिहास (स्तोत्रवाङ्.मय, शतककाव्य)	१६ गुण
Unit – III	संस्कृत साहित्याचा इतिहास (गद्यकाव्य, चम्पूवाङ्.मय)	१६ गुण
Unit – IV	संस्कृत साहित्याचा इतिहास (कथावाङ्.मय, नाट्यवाङ्.मय)	१६ गुण
Unit – V	वस्तुनिष्ठ प्रश्न	१६ गुण

**प्रश्नपत्रिकेचे स्वरूप**

प्रश्न १ ला अ)	२ पैकी १ दीर्घोत्तरी प्रश्न	१० गुण
	ब) टिपा ४ पैकी २	०६ गुण
प्रश्न २ रा	अ) २ पैकी १ दीर्घोत्तरी प्रश्न	१० गुण
	ब) टिपा ४ पैकी २	०६ गुण
प्रश्न ३ रा	अ) २ पैकी १ दीर्घोत्तरी प्रश्न	१० गुण
	ब) टिपा ४ पैकी २	०६ गुण
प्रश्न ४ था	अ) २ पैकी १ दीर्घोत्तरी प्रश्न	१० गुण
	ब) टिपा लिहा ४ पैकी २	०६ गुण
प्रश्न ५ वा	वस्तुनिष्ठ प्रश्न २० पैकी १६	१६ गुण

संदर्भ ग्रंथ :- संस्कृत साहित्यका इतिहास - आचार्य बलदेव उपाध्याय.

संस्कृत साहित्याचा सोपपत्तिक इतिहास — करंबेळकर, शारदा प्रकाशन नागपूर

संस्कृत त्रिदलम् — डॉ.के.रा.जोशी, भारती प्रकाशन, वंजारी नगर, नागपूर.

Nom History of Classical Sanskrit Literature – Dasgupta and De.

अंतर्गत गुण २० प्रकल्पलेखन (अभ्यासक्रमावर आधारित)

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Appendix-F

M.A. PART - II ( URDU )

PAPER - I ( Modern Prose and Poetry )

SEMESTER - III

Time : 3 Hours

Max. Marks: 80

TEXT PRESCRIBED :

- ۱۔ مقدمہ شعر و شاعری - خواجہ الطاف حسین حالی
- ۲۔ اردو شاعری پر ایک نظر - کلیم الدین احمد
- ۳۔ آتش گل - جگر مراد آبادی
- ۴۔ کلیات - حسرت موہانی

DISTRIBUTION OF MARKS

Question No. 1 : There shall be ONE long answer Type question based on the author's literary works ( حالی ) out of TWO of 16 marks

OR

Question No. 1.: There S'hall be ONE long Answer type question based on book ( مقدمہ شعر و شاعری ) prescribed out of TWO of 16 marks

Question No. 2 : There shall be ONE long answer Type question based on the author's literary works ( کلیم الدین احمد ) out of TWO of 16marks

OR

Question No. 2.: There S'hall be ONE long Answer type question based on book prescribed ( اردو شاعری پر ایک نظر ) out of TWO of 16 marks

Question No. 3 : There shall be ONE long answer Type question based on the poets style and literary works ( جگر مراد آبادی ) of 16 marks

OR

Question No. 3.: There S'hall be ONE long Answer type question based on book ( آتش گل ) of 16 marks

Question No. 4 : There shall be ONE long answer Type question based on the poets style and literary works ( حسرت موہانی ) of 16marks

OR

Question No. 4.: There S'hall be ONE long Answer type question based on book prescribed ( کلیات حسرت موہانی ) of 16 marks

Question No. 5 : (A) Explain TWO Passages based on the prescribed book ( مقدمہ شعر و شاعری - اردو شاعری پر ایک نظر ) out of FOUR of 4 marks Each

Question No. 5 : (A) Explain TWO Poetry Passages based on the prescribed book ( آتش گل - کلیات حسرت موہانی ) out of FOUR of 4 marks Each

Internal Assesment based on Syllabus

- i) Oral Test carrying 10 marks
- ii) Written Test carrying 10 marks



M.A. PART - II ( URDU )

PAPER - I ( Modern Prose and Poetry )

SEMESTTER - II

Time : 3 Hours

Max. Marks: 80

TEXT PRESCRIBED :

- ۱۔ مقالاتِ شبلی۔ شبلی نعمانی
- ۲۔ غبارِ خاطر۔ مولانا ابوالکلام آزاد
- ۳۔ شعلہ و شبنم۔ جوش ملیح آبادی
- ۴۔ نقش فریادی۔ فیض احمد فیض

DISTRIBUTION OF MARKS

Question No. 1 : There shall be ONE long answer Type question based on the author's literary works (شبلی نعمانی) of 16 marks

OR

Question No. 1.: There S'hall be ONE long Answer type question based on book ( مقالاتِ شبلی ) of TWO of 16 marks

Question No. 2 : There shall be ONE long answer Type question based on the author's literary works ( ابوالکلام آزاد ) of 16marks

OR

Question No. 2.: There S'hall be ONE long Answer type question based on book prescribed( غبارِ خاطر ) of 16 marks

Question No. 3 : There shall be ONE long answer Type question based on the poets style and literary works ( جوش ملیح آبادی ) of 16 marks

OR

Question No. 3.: There S'hall be ONE long Answer type question based on book ( شعلہ و شبنم ) of 16 marks

Question No. 4 : There shall be ONE long answer Type question based on the poets style and literary works ( فیض احمد فیض ) of 16marks

OR

Question No. 4.: There S'hall be ONE long Answer type question based on book prescribed( نقش فریادی ) of 16 marks

Question No. 5 : (A) Explain TWO Passages based on the prescribed book ( مقالاتِ شبلی - غبارِ خاطر ) out of FOUR of 4 marks Each

Question No. 5 : (A) Explain TWO Poetry Passages based on the prescribed book ( شعلہ و شبنم - نقش فریادی ) out of FOUR of 4 marks Each

Internal Assesment based on Syllabus

- i) Oral Test carrying 10 marks
- ii) Written Test carrying 10 marks

**M.A. PART - II ( URDU )**

PAPER - II ( Literary Criticism in Urdu )

( تنقید - تنقیدی تہمیں - تہ کرے - تنقیدی تعلق - تحریکیں - رجاءات )

SEMESTTER - III

Time : 3 Hours

Max. Marks: 80

**DISTRIBUTION OF MARKS**

Question No. 1 : There shall be FIVE long answer Type question based on above topics out of TEN of 16 marks

Reference Books :

- |  |                          |
|--|--------------------------|
| 1. Fun - E - Tanqeed Aur Urdu Tanqeed Nigari -   | Noorul Hasan Naqvi       |
| 2. Muqaddama Sher O Shairi -                     | Altaf Husain Hali        |
| 3. Aab - e - Hayat                               | Mohd. Husain Azad        |
| 4. Hamari Shairi                                 | Masood Hasan Rizvi Adeeb |
| 5. Jadeed Urdu Tanqeed, Usool Nazariyat          | Sharib Rudulvi           |
| 6. Tanqeedi Nazariyat ( Awwal O Duam)            | Ehtesham Husain          |
| 7. Mashriqi Sheriyat Aur Urdu Tanqeed ki Riwayat | Abul Kalam Kasmī         |
| 8. Tassur Na keh Tanqeed                         | Siddiqur Rahman          |
| 9. Adabi Tanqeed Aur Aslubiyat                   | Gopichand Narang         |

**Internal Assesment based on Syllabus**

- Oral Test carrying 10 marks
- Written Test carrying 10 marks

**M.A. PART - II ( URDU )**

PAPER - II ( Literary Criticism in Urdu )

( اردو کے اہم تنقید نگار اور ان کی تنقید نگاری )

( حالی - شبلی - محمد حسین آزاد - مسعود حسن رضوی - احتشام حسین - کلیم الدین احمد - آل احمد سرور - مجوں کور کھپوری - شمس الرحمن فاروقی - خلیل الرحمن اعظمی - عنوان ہشتی - کو بی چند نارنگ )

SEMESTTER - IV

Time : 3 Hours

Max. Marks: 80

**DISTRIBUTION OF MARKS**

Question No. 1 : There shall be FIVE long answer Type question based on above topics out of TEN of 16 marks

Reference Books :

- |  |                          |
|--|--------------------------|
| 1. Fun - E - Tanqeed Aur Urdu Tanqeed Nigari -   | Noorul Hasan Naqvi       |
| 2. Muqaddama Sher O Shairi -                     | Altaf Husain Hali        |
| 3. Aab - e - Hayat                               | Mohd. Husain Azad        |
| 4. Hamari Shairi                                 | Masood Hasan Rizvi Adeeb |
| 5. Urdu Tanqeed Par Ek Nazar                     | Kalimuddin Ahmad         |
| 6. Jadeed Urdu Tanqeed, Usool Nazariyat          | Sharib Rudulvi           |
| 7. Tanqeedi Nazariyat ( Awwal O Duam)            | Ehtesham Husain          |
| 8. Mashriqi Sheriyat Aur Urdu Tanqeed ki Riwayat | Abul Kalam Kasmī         |
| 9. Tassur Na keh Tanqeed                         | Siddiqur Rahman          |
| 10. Adabi Tanqeed Aur Aslubiyat                  | Gopichand Narang         |

**Internal Assesment based on Syllabus**

- Oral Test carrying 10 marks
- Written Test carrying 10 marks

**M.A. PART - II ( URDU )**  
**PAPER - III ( Study of the Special Author )**  
**( MIR TAQI MEER )**  
**SEMESTTER - III**

Time : 3 Hours

Max. Marks: 80

میر تقی میر

۱۔ میر کے حالات زندگی۔ میر کی شخصیت۔ عہد۔ سیاسی۔ سماجی و ادبی ماحول

۲۔ میر کا فن

۳۔ میر کا تصور غم۔ تصور عشق۔ تصور انسان

۴۔ میر کی غزل گوئی

درج ذیل غزلوں کا خصوصی مطالعہ

۱۔ منہ تکا ہی کرے ہے جس تس کا

۵۔ میر کی مثنوی نگاری

۶۔ اردو شاعری میں میر کا مقام

۷۔ اردو شعر اے پر میر کی شاعری کے اثرات

Books Recommended:

1. Mir Ki Ghazal Goi Ek Jaiza
2. Mir ki Aapbiti
3. Kulliyat e Mir

Rashid Aazar

Nisar Ahmad Farooqui

Mir Taqi Mir

**Internal Assesment based on Syllabus**

- i) Oral Test carrying 10 marks
- ii) Written Test carrying 10 marks

**M.A. PART - II ( URDU )**  
**PAPER - III ( Study of the Special Author )**  
**( Dr. Sir Mohammad IQBAL )**  
**SEMESTTER - IV**

Time : 3 Hours

Max. Marks: 80

Books Recommended :

ڈاکٹر سر محمد اقبال

- |                               |   |                       |
|-------------------------------|---|-----------------------|
| ۱۔ روح اقبال                  | : | یوسف حسین خاں         |
| ۲۔ اقبال                      | : | انجمن ترقی اردو، دہلی |
| ۳۔ جوہر اقبال                 | : | جامعہ ملیہ، دہلی      |
| ۴۔ اقبال کا مطالعہ            | : | سید نظیر نیازی        |
| ۵۔ ڈاکٹر اقبال                | : | عبد المالك            |
| ۶۔ فکر اقبال                  | : | خلیفہ عبد الحکیم      |
| ۷۔ اقبال کا ممل               | : | عبد السلام ندوی       |
| ۸۔ مقامات اقبال               | : | سید محمد عبد اللہ     |
| ۹۔ محمد اقبال: ای۔ ادبی سوانح | : | جگن۔ تھہ آزاد         |
| ۱۰۔ خطوط اقبال                | : | رفیع الدین ہاشمی      |
| ۱۱۔ اقبال ای۔ مطالعہ          | : | کلیم الدین احمد       |
| ۱۲۔ اقبال کی اردو             | : | عبادت۔ بی             |

**Internal Assesment based on Syllabus**

- i) Oral Test carrying 10 marks
- ii) Written Test carrying 10 marks

**M.A. PART - II ( URDU )**

**PAPER - IV ( Essay on a Literary Subject )**

**SEMESTTER - II**

Time : 3 Hours

Max. Marks: 80

Books Recommnded : :

**Internal Assesment based on Syllabus**

- i) Oral Test carrying 10 marks
- ii) Written Test carrying 10 marks

**M.A. PART - II ( URDU )**

**PAPER - IV ( Essay on a Literary Subject )**

**SEMESTTER - IV**

Time : 3 Hours

Max. Marks: 80

Books Recommnded : :

**Internal Assesment based on Syllabus**

- i) Oral Test carrying 10 marks
- ii) Written Test carrying 10 marks



Appendix-G

एम.ए.भाग-२  
(पाली व प्राकृत)  
पालि काव्य साहित्य

पेपर-१

सेमिस्टर-३

वेळ ३ तास

लेखी परीक्षा — ८०  
अंतर्गत मूल्यमापन -२०  
एकूण — १००  
१६ गुण

युनिट १	१) रतनसुत्त (सुत्तनिपात) २) धम्मचरियसुत्त (सुत्तनिपात) ३) राहुल सुत्त (सुत्तनिपात)	१६ गुण
युनिट-२	१) आनंद थेर (थेरगाथा) २) रटठपाल थेर (थेरगाथा) ३) सोपाक थेर (थेरगाथा)	१६ गुण
युनिट-३	१) उरगसुत्त (सुत्तनिपात) २) चुन्दसुत्त (सुत्तनिपात) ३) पराभव सुत्त (सुत्तनिपात)	१६ गुण
युनिट-४	१) उपालिथेर (थेरगाथा) २) सारिपुत्तथेर (थेरगाथा) ३) मोग्गलायन थेर (थेरगाथा)	१६ गुण
युनिट-५	युनिट १ ते ४ वर वस्तुनिष्ठ प्रश्न	१६ गुण

अंतर्गत मूल्यमापन

- १) स्वाध्याय १० गुण  
२) मौखिक १० गुण

२० गुण

संदर्भ ग्रंथ

- १) सुत्तनिपात — डॉ. भिक्षु धर्मरक्षित  
२) थेरगाथा — डॉ. विमलकिर्ती  
३) पालिसाहित्याचा इतिहास- डॉ. तगारे  
४) पालि साहित्याचा इतिहास — डॉ. भरतसिंह उपाध्याय

एम.ए.भाग-२  
(पाली व प्राकृत)  
पाली काव्य साहित्य  
पेपर-१  
सेमिस्टर-३

वेळ ३ तास

८० गुण

प्रश्नपत्रिकेचे स्वरूप

प्रश्न १	अ) भाषांतर करा (दोन पैकी एक) ब) सामान्य प्रश्न (दोन पैकी एक)	०८ गुण ०८ गुण
प्रश्न २	अ) दीर्घोत्तरी प्रश्न (दोन पैकी एक) ब) सामान्य प्रश्न (दोन पैकी एक)	१० गुण ०६ गुण
प्रश्न ३	अ) सामान्य प्रश्न (तीन पैकी दोन) ब) लघुत्तरी प्रश्न	१६ गुण
प्रश्न ४	अ) लघुत्तरी प्रश्न (दोन पैकी एक) ब) टिपणात्मक प्रश्न सोडवा (तीन पैकी दोन)	०८ गुण ०८ गुण
प्रश्न-५	वस्तुनिष्ठ प्रश्न सोडवा. (१२ पैकी ८)	१६ गुण
अंतर्गत मूल्यमापन —		
१) स्वाध्याय-१०		
२) मौखिक — १०		

एम.ए.भाग-२  
(पाली व प्राकृत)  
पालि काव्य साहित्य

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लेखी परीक्षा — ८०

अंतर्गत मूल्यमापन -२०

एकूण — १००

युनिट १	१) चित्तवग्ग (धम्मपद) २) अत्तवग्ग (धम्मपद) ३) यमक वग्ग (धम्मपद)	१६ गुण
युनिट-२	१) पटाचाराथेरी (थेरीगाथा) २) किसानोत्तमी (थेरीगाथा) ३) विमलाथेरी (थेरीगाथा)	१६ गुण
युनिट-३	१) पुप्फवग्ग (धम्मपद) २) अर्हत्तवग्ग (धम्मपद) ३) पियवग्ग (धम्मपद)	१६ गुण
युनिट-४	१) खेमाथेरी (थेरीगाथा) २) भद्राकुण्डलकेसाथेरी (थेरीगाथा) ३) धम्मदिना थेरी (थेरीगाथा)	१६ गुण
युनिट-५	युनिट १ ते ४ वर वस्तुनिष्ठ प्रश्न	१६ गुण
अंतर्गत मूल्यमापन		
१) स्वाध्याय	१० गुण	
२) मौखिक	१० गुण	
संदर्भ ग्रंथ		
१) धम्मपद — डॉ.भ.आनंद कौसल्यायन		
२) थेरीगाथा पालि — डॉ. स्वामी द्वारकादास शास्त्री		
३) पालिसाहित्य का इतिहास- भरतसिंह उपाध्याय		
४) थेरीगाथा — डॉ.आर.जे. वानखडे		

एम.ए.भाग-२  
(पाली व प्राकृत)  
पाली काव्य साहित्य  
पेपर-१  
सेमिस्टर-४

वेळ ३ तास	८० गुण
प्रश्नपत्रिकेचे स्वरूप	
प्रश्न १ अ) सामान्य प्रश्न (दोन पैकी एक)	०८ गुण
ब) संदर्भासह स्पष्टीकरण (चार पैकी दोन गाथा)	०८ गुण
प्रश्न २ अ) सारांशरूपी प्रश्न (दोन पैकी एक)	१० गुण
ब) सामान्य प्रश्न (दोन पैकी एक)	०६ गुण
प्रश्न ३ अ) सामान्य प्रश्न (तीन पैकी दोन)	१६ गुण
प्रश्न ४ अ) लघुत्तरी प्रश्न (दोन पैकी एक)	०८ गुण
ब) टिपणात्मक प्रश्न सोडवा (तीन पैकी दोन)	०८ गुण
प्रश्न-५ वस्तुनिष्ठ प्रश्न सोडवा. (१२ पैकी ८)	१६ गुण

अंतर्गत मूल्यमापन —

१) स्वाध्याय-१०

२) मौखिक — १०

एम.ए.भाग-२  
(पाली व प्राकृत)  
पालि गद्य साहित्य

पेपर-२

सेमिस्टर-३

वेळ ३ तास

लेखी परीक्षा — ८०  
अंतर्गत मूल्यमापन -२०  
एकूण — १००

युनिट १	१) अप्पणकजातक (जातककथा) २) तित्तरजातक (जातककथा) ३) मक्कटजातक (जातककथा)	१६ गुण
युनिट-२	१) रोहीणीजातक (जातककथा) २) बोवरुजातक (जातककथा) ३) वेसन्तर जातक (जातककथा)	१६ गुण
युनिट-३	१) महापदानसुत्त (दिद्यनिकाय) २) जनवसभसुत्त (दिद्यनिकाय) ३) सुभसुत्त (दिद्यनिकाय)	१६ गुण
युनिट-४	१) महागोविदसुत्त (दिद्यनिकाय) २) महासुदस्सनसुत्त (दिद्यनिकाय) ३) जालिय सुत्त (दिद्यनिकाय)	१६ गुण
युनिट-५	युनिट १ ते ४ वर वस्तुनिष्ठ प्रश्न	१६ गुण

अंतर्गत मूल्यमापन

- १)स्वाध्याय १० गुण  
२)मौखिक १० गुण

संदर्भ ग्रंथ

- १) दिद्येनिकाय —नालंदा संस्करण, इगतपुरी  
२) जातकग्रंथ —(ना.स.)  
३) सुत्तपिटक - भदन्त तिस्सवंस्स  
४) History of Pali Literature – Prof. B.C.Low.

एम.ए.भाग-२  
(पाली व प्राकृत)  
पाली गद्य साहित्य  
पेपर-२  
सेमिस्टर-३

वेळ ३ तास

८० गुण

प्रश्नपत्रिकेचे स्वरूप	
प्रश्न १ अ) भाषांतर करा ( दोन पैकी एक ) ब) सामान्य प्रश्न (दोन पैकी एक)	०८ गुण ०८ गुण
प्रश्न २ अ) दीर्घोत्तरी प्रश्न (दोन पैकी एक) ब) लघुत्तरी प्रश्न ( दोन पैकी एक )	१० गुण ०६ गुण
प्रश्न ३ अ) लघुत्तरी प्रश्न (दोन पैकी एक) ब) टिपा लिहा (तीन पैकी दोन)	०८ गुण ०८ गुण
प्रश्न ४ अ)सारांशरूपी दीर्घोत्तरी प्रश्न (दोन पैकी एक)	१६ गुण

प्रश्न-५ वस्तुनिष्ठ प्रश्न (१२ पैकी ८)	१६ गुण	अंतर्गत
मूल्यमापन — १)स्वाध्याय-१० २)मौखिक — १०		

एम.ए.भाग-२  
(पाली व प्राकृत)  
पालि गद्य साहित्य  
पेपर-२  
सेमिस्टर-४

वेळ ३ तास लेखी परीक्षा — ८०  
अंतर्गत मूल्यमापन -२०  
एकूण — १००

युनिट १	१) एकक निपात २) सुत्त १ ते १०	(इतिवृत्तक)	१६ गुण
युनिट-२	१) बोधिवग्ग २) सुत्त १ ते १०	(उदानपाली)	१६ गुण
युनिट-३	१) मुलपरियायसुत्त २) भयभेखसुत्त ३) अनुमान सुत्त	(मज्झिमनिकाय) (मज्झिमनिकाय) (मज्झिमनिकाय)	१६ गुण
युनिट-४	१) सल्लेखसुत्त २) सम्मादिट्ठीसुत्त ३) मधुपिण्डक सुत्त	(मज्झिमनिकाय) (मज्झिमनिकाय) (मज्झिमनिकाय)	१६ गुण
युनिट-५	युनिट १ ते ४ वर वस्तुनिष्ठ प्रश्न		१६ गुण

अंतर्गत मूल्यमापन

- १)स्वाध्याय १० गुण  
२)मौखिक १० गुण

संदर्भ ग्रंथ

- १) इतिवृत्तकपालि — स्वामीद्वारिकादास शास्त्री  
२) उदानपाली —स्वामीद्वारिकादास शास्त्री  
३) मज्झिमनिकाय पालि - इगतपुरी प्रकाशन नालंदा संस्करण

एम.ए.भाग-२  
(पाली व प्राकृत)  
पाली गद्य साहित्य  
पेपर-२  
सेमिस्टर-४

वेळ ३ तास	प्रश्नपत्रिकेचे स्वरूप	८० गुण
प्रश्न १	अ) दीर्घोत्तरी प्रश्न सोडवा ( दोन पैकी एक ) ब) सामान्य प्रश्न सोडवा (दोन पैकी एक)	१० गुण ०६ गुण
प्रश्न २	अ) लघुत्तरी प्रश्न सोडवा (दोन पैकी एक) ब) टिपा लिहा ( तीन पैकी दोन )	०८ गुण ०८ गुण
प्रश्न ३	अ) भाषांतर करा (दोन पैकी एक) ब) लघुत्तरी प्रश्न सोडवा (दोन पैकी एक)	०८ गुण ०८ गुण
प्रश्न ४	अ) सविस्तर प्रश्न सोडवा (दोन पैकी एक)	१६ गुण
प्रश्न-५	वस्तुनिष्ठ प्रश्न (१२ पैकी ८)	१६ गुण
अंतर्गत मूल्यमापन —		
१)स्वाध्याय-१०		
२)मौखिक — १०		



एम.ए.भाग-२  
(पाली व प्राकृत)  
पालि शिलालेख व निबंध  
पेपर-३  
सेमिस्टर-३

वेळ ३ तास

लेखी परीक्षा — ८०  
अंतर्गत मूल्यमापन -२०  
एकूण — १००

युनिट १	१) अशोकाचे शिलालेख (१ ते ४ )	१६ गुण
युनिट-२	१) अशोकाचे शिलालेख (५ ते ७)	१६ गुण
युनिट-३	१) पालि निबंध	१६ गुण
युनिट-४	१) अशोकाच्या शिलालेखाचा इतिहास	१६ गुण
युनिट-५	युनिट १ ते ४ वर वस्तुनिष्ठ प्रश्न	१६ गुण

अंतर्गत मूल्यमापन

- १)स्वाध्याय १० गुण  
२)मौखिक १० गुण

संदर्भ ग्रंथ

- १) प्राचिन अभिलेख संग्रह —डॉ.श्रीराम गोयल  
२) अशोकाचे अभिलेख — डॉ.य.ना.मेश्राम  
३) पालिनिबंधावली — डॉ.हरिशंकर शुक्ल  
४) अशोक के धर्मलेख —  
५) अशोका — डॉ.रोमिला थापर  
६) भाव्दो शिलालेख — डॉ.निरज बोधि  
७) पाली साहित्याचा इतिहास — डॉ.भरतसिंह उपाध्याय

एम.ए.भाग-२  
(पाली व प्राकृत)  
पाली शिलालेख व निबंध  
पेपर-३  
सेमिस्टर-३

वेळ ३ तास

८० गुण

प्रश्नपत्रिकेचे स्वरूप

प्रश्न १ अ) दीर्घोत्तरी प्रश्न सोडवा ( दोन पैकी एक )	१६ गुण
प्रश्न २ अ) सामान्य प्रश्न सोडवा (दोन पैकी एक)	०८ गुण
ब) लघुत्तरी प्रश्न सोडवा (दोन पैकी एक)	०८ गुण
प्रश्न ३ अ) निबंध लिहा (तीन पैकी एक)	१६ गुण
प्रश्न ४ अ) दीर्घोत्तरी प्रश्न सोडवा (दोन पैकी एक)	१० गुण
ब) टिपा लिहा (तीन पैकी दोन)	०६ गुण
प्रश्न-५ अ) वस्तुनिष्ठ प्रश्न (१२ पैकी ८)	१६ गुण

अंतर्गत मूल्यमापन —

- १)स्वाध्याय-१०  
२)मौखिक — १०

एम.ए.भाग-२  
(पाली व प्राकृत)  
पालि शिलालेख व निबंध  
पेपर-३  
सेमिस्टर-४

वेळ ३ तास

लेखी परीक्षा — ८०  
अंतर्गत मूल्यमापन -२०  
एकूण — १००

युनिट १	१) अशोकाचे शिलालेख (८ ते १० )	१६ गुण
युनिट-२	१) अशोकाचे शिलालेख (११ ते १४)	१६ गुण
युनिट-३	१) पालि निबंध	१६ गुण
युनिट-४	१) राजा अशोकाचे जिवनचरित्र	१६ गुण
युनिट-५	युनिट १ ते ४ वर वस्तुनिष्ठ प्रश्न	१६ गुण

अंतर्गत मूल्यमापन

- १)स्वाध्याय १० गुण  
२)मौखिक १० गुण

संदर्भ ग्रंथ

- १) पालि निबंध — डॉ.हरीशंकर शुक्ल  
२) अशोका — डॉ.रोमिला थापर  
३) प्राचिन अभिलेख संग्रह — डॉ. श्रीराम गोयल  
४) अशोकाचे अभिलेख— डॉ.य.ना.मेश्राम  
५) अशोकाचे शिलालेख — डॉ.वामन गवई

एम.ए.भाग-२  
(पाली व प्राकृत)  
पाली शिलालेख व निबंध  
पेपर-३  
सेमिस्टर-४

वेळ ३ तास

८० गुण

प्रश्नपत्रिकेचे स्वरूप

- प्रश्न १ अ) दीर्घोत्तरी प्रश्न सोडवा ( दोन पैकी एक ) १० गुण  
ब) लघुत्तरी प्रश्न (दोन पैकी एक) ०६ गुण

- प्रश्न २ अ) सामान्य प्रश्न सोडवा (चार पैकी दोन) १६ गुण  
प्रश्न ३ अ) निबंध लिहा (तीन पैकी एक) १६ गुण  
प्रश्न-४ अ) दीर्घोत्तरी प्रश्न सोडवा(दोन पैकी एक) १६ गुण  
प्रश्न ५ अ) वस्तुनिष्ठ प्रश्न सोडवा (१२ पैकी ८) १६ गुण

अंतर्गत मूल्यमापन —

- १)स्वाध्याय-१०  
२)मौखिक — १०

एम.ए.भाग-२  
(पाली व प्राकृत)  
पालि साहित्य संस्कृती व तत्वज्ञानाचा इतिहास  
पेपर-४  
सेमिस्टर-३

वेळ ३ तास

लेखी परीक्षा — ८०  
अंतर्गत मूल्यांकन -२०  
एकूण — १००

युनिट १	१) पिटक साहित्य २)अनुपिटक साहित्य	१६ गुण
युनिट-२	१) वस्तु कला २)शिल्पकला ३) चित्र कला	१६ गुण

युनिट-३	बौद्ध विद्यापीठ	१६ गुण
	१) महाविहार	
	२) तक्षशिला	
	३) नालंदा	

युनिट-४	१) चार आर्यसत्य २)प्रतित्य समुत्पाद	१६ गुण
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युनिट-५	युनिट १ ते ४ वर वस्तुनिष्ठ प्रश्न	१६ गुण
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अंतर्गत मूल्यमापन

१)स्वाध्याय - १० गुण

२)मौखिक - १० गुण

संदर्भ ग्रंथ

१) पालि साहित्य का इतिहास — डॉ.भरतसिंह उपाध्याय

२) History of Pali Literature – Prof. B.C.Low.

३) प्राचीन भारतीय संस्कृति - बी.एन.लुनिया

४) बौद्ध दर्शन - राहुल सांकृत्यायन

5) The Budha and His Dhamma : Dr.B,R,Ambedkar

6) Revival of Buddhism : Dr.D.L.Ramteke

**एम.ए.भाग-२**

**(पाली व प्राकृत)**

**पालि साहित्य संस्कृती व तत्वज्ञानाचा इतिहास**

**पेपर-४**

**सेमिस्टर-३**

वेळ ३ तास		८० गुण
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प्रश्नपत्रिकेचे स्वरूप

प्रश्न १ अ) दीर्घोत्तरी प्रश्न सोडवा ( दोन पैकी एक )	१६ गुण
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प्रश्न २ अ) सामान्य प्रश्न सोडवा (दोन पैकी एक)	१० गुण
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ब) लघुत्तरी प्रश्न (दोन पैकी एक)	०६ गुण
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प्रश्न ३ अ) सामान्य प्रश्न सोडवा (दोन पैकी एक)	०८ गुण
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ब) लघुत्तरी प्रश्न (दोन पैकी एक)	०८ गुण
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प्रश्न-४ अ) दीर्घोत्तरी प्रश्न सोडवा(दोन पैकी एक)	१० गुण
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ब) टिपा लिहा (कोणत्याही दोन)	०६ गुण
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प्रश्न ५ अ) वस्तुनिष्ठ प्रश्न सोडवा (१२ पैकी ८)	१६ गुण
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अंतर्गत मूल्यमापन —

१)स्वाध्याय-१०

२)मौखिक — १०

**एम.ए.भाग-२**

**(पाली व प्राकृत)**

**पालि साहित्य संस्कृती व तत्वज्ञानाचा इतिहास**

**पेपर-४**

**सेमिस्टर-४**

वेळ ३ तास

लेखी परीक्षा — ८०

अंतर्गत मूल्यमापन -२०

एकूण — १००

युनिट १	१) मिलिन्द प्रश्न	१६ गुण
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२)वंससाहित्य

३) अट्टकथा

युनिट-२	बौद्ध विद्यापीठ	१६ गुण
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१)विक्रमशिला

२) औदन्तपूरी

युनिट-३	१) अनित्यवाद	१६ गुण
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२)अनिश्वरवाद

३) कम्मसिद्धान्त		
४) निब्बाण		
युनिट-४	१) अनागरीक धर्मपाल	१६ गुण
	२) बाबासाहेब आंबेडकर	
	३) राहुल सांकृत्यायन	
	४) आनंद कौसल्यायन	
युनिट-५	युनिट १ ते ४ वर वस्तुनिष्ठ प्रश्न	१६ गुण
अंतर्गत मूल्यमापन		
१) स्वाध्याय	१० गुण	
२) मौखिक	१० गुण	
संदर्भ ग्रंथ		
१) पालि साहित्य का इतिहास — डॉ. धर्मरक्षित		
२) मिलिन्दपन्नो - राहुलसांकृत्यायन		
३) बौद्धधर्म के विकास में डॉ. बी.आर.आंबेडकर का योगदान		
४) बौद्ध दर्शन - राहुल सांकृत्यायन		
५) प्राचीन भारतीय - संस्कृती - बी.एन. लुनिया		
६) The Budha and His Dhamma : Dr.B,R,Ambedkar		
७) पालि साहित्य व साहित्यकार — डॉ. मालती साखरे		
८) पाली साहित्य व तत्त्वज्ञान — प्रा. डॉ. रेखा पर्वतकर		

एम.ए.भाग-२

(पाली व प्राकृत)

पालि साहित्य संस्कृती व तत्त्वज्ञानाचा इतिहास

पेपर-४

सेमिस्टर-४

वेळ ३ तास		८० गुण
प्रश्नपत्रिकेचे स्वरूप		
प्रश्न १ अ) दीर्घोत्तरी प्रश्न सोडवा ( कोणतेही एक )		१६ गुण
प्रश्न २ अ) सामान्य प्रश्न सोडवा (दोन पैकी एक)		१० गुण
ब) लघुत्तरी प्रश्न (दोन पैकी एक)		०६ गुण
प्रश्न ३ अ) सामान्य प्रश्न सोडवा (दोन पैकी एक)		०८ गुण
ब) टिपा लिहा (कोणत्याही दोन)		०८ गुण
प्रश्न-४ अ) दीर्घोत्तरी प्रश्न सोडवा (दोन पैकी एक)		१० गुण
ब) टिपा लिहा (कोणत्याही दोन)		०६ गुण
प्रश्न ५ अ) वस्तुनिष्ठ प्रश्न सोडवा (१२ पैकी ८)		१६ गुण

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## Appendix-H

एम.ए.सेमिस्टर-३

प्रायोगिक - मौखिक (Viva)

प्रश्नपत्र — ९

(संगीताचे क्रियात्मक शास्त्र आणि सांगीतिक रचना)

वेळ — १ तास	पूर्णांक — १००
	बाह्य मूल्यांकन — ८०
	अंतर्गत मूल्यांकन - २०

१) रागज्ञान

अ) पाठ्यक्रमातील राग

विभाग अ

विभाग ब

विभाग क

i) मियों की तोड़ी

i) दरबारी कानडा

i) कोमलरिषभ आसावरी

ii) गुजरी तोड़ी

ii) आभोगी कानडा

ii) सालगवराळी

iii) भुपाल तोड़ी

iii) शहाणा कानडा

iii) ललित

iv) बिलासखानी तोड़ी

iv) नायकी कानडा

iv) देवगांधार

v) देसी तोड़ी

v) कौशिक कानडा

v) परमेश्वरी

ब) वरील प्रत्येक विभागातील किमान दोन राग करणे आवश्यक.

क) पाठ्यक्रमातील कोणत्याही दोन रागांमध्ये विलंबित ख्याल तसेच मध्यलयीतील बंदिश विस्तृत गायकीसह

ड) पाठ्यक्रमातील कोणत्याही दोन रागांमध्ये (विस्तृत गायकीचे राग सोडून) विलंबित ख्यालातील फक्त बंदिशी

इ) विलंबित ख्यालासाठी निवडलेल्या रागांव्यतिरिक्त पाठ्यक्रमातील कोणत्याही चार रागातील

छोट्याख्यालाच्या बंदिशी गायकीसह.



३)वरील रागांपैकी कोणत्याही रागात एक धमार व एक तराना (गायकी व विविध लयकारीसह)

क्रियात्मक अंतर्गत गुण : अ) प्रात्यक्षिक वही तयार करणे (सादरीकरणाप्रमाणे)	-०५ गुण
ब) घटक / वार्षिक चाचणी परीक्षा	- ०५ गुण
क) श्रवण आणि सादरीकरण	१० गुण
	एकूण २० गुण

**एम.ए.सेमिस्टर ३**  
**प्रायोगिक - मंच प्रदर्शन (Stage Performance)**  
**प्रश्नपत्र १०**

वेळ- ४० मिनिट	पूर्णांक — १००
	बाह्य मूल्यांकन — ८०
	अंतर्गत मूल्यांकन - २०
१)पाठ्यक्रमातील कोणत्याही एका रागाची ऐच्छिक निवड करुन विलंबित ख्याल व छोटाख्याल गायकीसह प्रस्तुत करणे.	४० गुण
२)अ)परीक्षकांनी सुचविलेल्या तीन रागांपैकी एका रागात छोटाख्याल गायकीसह प्रस्तुत करणे	२० गुण
ब) उपशास्त्रीय गीतप्रकार — कजरी व झुला	२० गुण
क्रियात्मक अंतर्गत गुण : अ) तबला ठेका वाजविणे	१० गुण
ब) तानपूरा लावणे	- १० गुण
	एकूण २० गुण

**एम.ए.सेमिस्टर-३**  
**गायन / स्वरवाद्य पाठ्यक्रम**  
**प्रश्नपत्र -११**  
**(शास्त्रीय संगीताचे क्रियात्मक सिध्दांत)**

वेळ ३ तास	पूर्णांक — १००
	बाह्य मूल्यांकन — ८०
	अंतर्गत मूल्यांकन - २०
घटक-१ अ) पाठ्यक्रमातील रागांचे शास्त्रीय विवेचन आलाप तानासहीत	
ब) पाठ्यक्रमातील गीतप्रकार लिपीबध्द करणे.	१६ गुण
घटक-२ अ) रागरागीणी वर्गीकरणाचे उदाहरणासहित विस्तृत अध्ययन	
ब) तोडी व कानडा रागांगांचे उदाहरणासहित विश्लेषण	१६ गुण
घटक-३ दिलेल्या पद्यरचनेला योग्य राग व तालात निबध्द करुन स्वरलिपीबध्द करणे	१६ गुण
घटक-४ अ) अंकाच्या आधारे विभिन्न लयकारी लिपीबध्द करणे	१६ गुण
ब) प्रचलित तालाची दीडपट, (२ मध्ये ३) पाऊणपट (चार मध्ये ३) व सव्वापट (४ मध्ये ५) या लयकारी लिपीबध्द करण्याचा अभ्यास	
क) पाश्चात्य संगीताचे प्रमुख तत्व आणि स्टाफ नोटेशन पध्दतीचा अभ्यास.	
घटक-५ संपूर्ण पाठ्यक्रमावर आधारित वस्तुनिष्ठ प्रश्न	१६ गुण
सैध्दांतिक अंतर्गत गुण : अ) स्वरचित बंदिशीचे सादरीकरण	-१० गुण
ब) वरील अभ्यासक्रमावर आधारित प्रकल्प व त्याचे सादरीकरण	१० गुण
	एकूण २० गुण

**एम.ए.सेमिस्टर-३**  
**गायन / स्वरवाद्य पाठ्यक्रम**  
**प्रश्नपत्र -१२**  
**आधुनिक भारतीय संगीताचा इतिहास व शास्त्र**  
**(१८ वी शताब्दी पासून वर्तमानकाळा पर्यंत)**

वेळ ३ तास	पूर्णांक — १००
	बाह्य मूल्यांकन — ८०
	अंतर्गत मूल्यांकन - २०
घटक-१ अ) घराणे या शब्दाचा अर्थ आणि घराण्याचे महत्त्व. तसेच ख्याल गायनाचे दिल्ली, ग्वाल्हेर, आग्रा,जयपुर,किराना व पतियाळा या घराण्याचा परिचय व त्या घराण्याच्या गायन शैलीचे अध्ययन	१६ गुण
घटक-२ अ) धृपद शैलीचा ख्याल व वादन शैलीवर झालेला परिणाम	
ब) धृपदाच्या वर्तमान काळातील परंपरांचे अध्ययन (दरभंगा, डागर, विष्णूपूर, हवेली)	१६ गुण

घटक-३ अ) पं.रातंजनकर, पं. त्यागराज,डॉ.प्रेमलता शर्मा, किशोरी आमोणकर पं.बलवंतराय भट्ट, (भावरंग) आचार्य कैलाशचंद्र बृहस्पती, केसरबाई केरकर, पं.रामनारायण यांच्या सांगीतिक कार्याचा संक्षिप्त परिचय. १६ गुण	
ब) सदारंग- अदारंग यांच्या बंदिशीचे विश्लेषणात्मक अध्ययन.	
घटक-४ मंच प्रस्तुतीकरणासाठी आवश्यक असलेल्या ध्वनी उपकरणांची माहिती (माईक, ॲम्प्लीफायर, मिक्सर, स्पीकर रिहब) १६ गुण	
घटक-५ संपूर्ण पाठ्यक्रमावर आधारित वस्तुनिष्ठ प्रश्न १६ गुण	
सैध्दांतिक अंतर्गत गुण : अ) शोधपत्र लेखन -१० गुण	
ब) परिसंवादात सहभाग १० गुण	
	एकूण २० गुण

### संदर्भग्रंथ सूची

- १) हिंदुस्थानी संगीत क्रमिक पुस्तक मालिका भाग १ ते ६ पं. वि.ना.भातखंडे संगीत प्रकाशक कार्यालय, हातरस
- २) अभिनव गितांजली, भाग १ ते ५ पं. रामश्रय झा.संगीत सदन, इलाहबाद
- ३) शास्त्र परिचय, भाग १ ते ५ हरिश्चंद्र श्रीवास्तव, संगीत सदन इलाहबाद.
- ४) भातखंडे संगीत शास्त्र पं.वि.ना.भातखंडे संगीत कार्यालय, हातरस.
- ५) संगीत परिभाषा- विवेचन पं.श्रीकृष्ण रतंजनकर, आचार्य, एस एन.रतंजनकर फाँडेशन मुंबई
- ६) राग विज्ञान, विनायकबुवा पटवर्धन.
- ७) संगीत शास्त्र दर्पण, शांती गवर्धन, संगीत कार्यालय, हातरस.
- ८) संगीत शास्त्र विजयनी – पं.नारायण मंगरुळकर , स्वर संपदा केंद्र कोस्टीपुरा मार्ग सिताबर्डी नागपूर.
- ९) संपूर्ण विशारद शास्त्र (तबला) समीर जगताप, मधुराज पब्लिकेशन, पुणे.
- १०) संगीत शास्त्र विज्ञान डॉ.सुचिता बिडकर, संस्कार प्रकाशन, ६-४०० अभ्यदनगर, काळा चौक मुंबई
- ११) संगीत प्रवीण दर्शिका पं. नारायण लक्ष्मण गुणे, साधना गुणे ५८ पुरा ठाकुर किटगंज इलाहबाद
- १२) गुरतुर गा ले राग, प्रो.गुणवंत माधवलाल व्यास, वैभव प्रकाशन, नागपूर.
- १३) वसंत सुधा, डॉ.धनश्री पांडे, विद्या विकास प्रकाशन, नागपूर.
- १४) संगीत विशारद वसंत संगीत कार्यालय, हातरस.
- १५) स्वकिया पं.गुणवंत माधवलाल व्यास, व्यासमुनी संस्थान, रायपूर.
- १६) बंदिशीच्या बंदिशी पं.देवीदासपंत काळे गुरुजी प्रा.कमल भोंडे अमरावती.
- १७) नादकमल प्रा.कमल मु भोंडे मुरलीधर अ भोंडे, अमरावती.
- १८) संगीत समाधान डॉ.मधू शुक्ला, पाठक पब्लिकेशन इलाहबाद.
- १९) भारतीय संगीत (गायन) शास्त्र (सैध्दांतिक) प्रा.डॉ.सौ.मानिक ना. मेहरे राघव डिस्ट्रीब्युटर नागपूर.
- २०) अनुपरागविलास भाग १ , २ कुमार गंधर्व मौज प्रकाशन, मुंबई.
- २१) कहत गुणिजन, डॉ.साधना शिलेदार, विजय प्रकाशन नागपूर.
- २२) पं.वि.ना.भातखंडे यांचे संगीतशास्त्र आणि बंदिशीची मिमांसा, डॉ.भोजराज बी. चौधरी, मेघ प्रकाशन, अमरावती.
- २३) संगीतार्जन, डॉ.अर्चना अंभोर अमेय पब्लिकेशन, अकोला.
- २४) ग्वाल्हेर घराण्याचे शिलेदार पं.राजभैर्या तथा पं.बाळासाहेब पुछवाले डॉ.राजेन्द्र देशमुख
- २५) संगीत चिंतन डॉ.भोजराज बी चौधरी नभ प्रकाशन, अमरावती .
- २६) संगीत सरिता,रमा सराफ विद्यानिधी प्रकाशन, दिल्ली.
- २७) भारतीय संगीत का इतिहास उमेश जोशी संगीत कार्यालय, हातरस.
- २८) भारतीय संगीत का इतिहास, ठाकुर जयदेव सिंह संगीत कार्यालय, हातरस.
- २९) भारतीय संगीत का इतिहास शरदचंद्र परांजपे, संगीत कार्यालय, हातरस.
- ३०) संगीत चिकित्सा डॉ.सतीश वर्मा, राधा प्रकाशन, नई दिल्ली.
- ३१) संगीत के घरानो की चर्चा, सुशीलकुमार चौबे.
- ३२) घरानी आणि चरित्रे डॉ.नारायण मंगरुळकर कोस्टिपुरा सीताबर्डी नागपूर.
- ३३) घरंदाज गायकी, वा.ह.देशपांडे
- ३४) धृपद वर्षीकांक के विभिन्न अंक, विद्यामंदिर न्यास, रामनगर, वाराणसी.
- ३५) हमारे संगीत रत्न लक्ष्मीनारायण गर्ग संगीत कार्यालय, हातरस
- ३६) संगीत जिज्ञासा और समाधान, तेजसिंह हाट, बेकश आलमी फाँडेशन, लखनौ.
- ३७) संगीत बोध शरदचंद्र परांजपे, मध्यप्रदेश हिंदी ग्रंथ अकादमी भोपाल.
- ३८) संगीत मेनुअल डॉ.मृत्यूनजय शर्मा, एच.जी प्रकाशन दिल्ली.
- ३९) स्वरार्थरामणी, गानसरस्वती किशोरी आमोणकर, राजहंस प्रकाशन, पुणे.
- ४०) निबंध संगीत, लक्ष्मी नारायण गर्ग, संगीत कार्यालय, हातरस.

एम.ए.सेमिस्टर-४  
प्रायोगिक - मौखिक (Viva)

प्रश्नपत्र — १३  
(संगीताचे क्रियात्मक शास्त्र आणि सांगीतिक रचना)

वेळ — १ तास

पूर्णांक — १००

बाह्य मूल्यांकन — ८०

अंतर्गत मूल्यांकन - २०

- १) रागज्ञान
- अ) पाठ्यक्रमातील राग
- |                    |            |               |
|--------------------|------------|---------------|
| विभाग अ            | विभाग ब    | विभाग क       |
| i) मियाँ मल्हार    | i) मारवा   | i) पूर्वी     |
| ii) सूरमल्हार      | ii) सोहनी  | ii) सरस्वती   |
| iii) गौडमल्हार     | iii) श्री  | iii) वसंतबहार |
| iv) रामदासी मल्हार | iv) भटियार | iv) गौरी      |
| v) जयंतमल्हार      | v) जयत     | v) भिन्न षड्ज |
- ब) वरील प्रत्येक विभागातील किमान दोन राग करणे आवश्यक.
- क) पाठ्यक्रमातील कोणत्याही दोन रागांमध्ये विलंबित ख्याल तसेच मध्यलयीतील बंदिश विस्तृत गायकीसह
- ड) पाठ्यक्रमातील कोणत्याही दोन रागांमध्ये (विस्तृत गायकीचे राग सोडून) विलंबित ख्यालातील फक्त बंदिशी
- इ) विलंबित ख्यालासाठी निवडलेल्या रागांव्यतिरिक्त पाठ्यक्रमातील कोणत्याही चार रागातील छोट्याख्यालाच्या बंदिशी गायकीसह.

- २) वरील रागांपैकी कोणत्याही रागात एक धमार (गायकी व विविध लयकारीसह) व एक तराना. गायकीसह.
- क्रियात्मक अंतर्गत गुण : अ) प्रात्यक्षिक वही तयार करणे (सादरीकरणाप्रमाणे) - ०५ गुण
- ब) घटक / वार्षिक चाचणी परीक्षा - ०५ गुण
- क) वरील अभ्यासक्रमावर आधारित घेतलेला प्रकल्प व त्याचे सादरीकरण - १० गुण

एकूण २० गुण

एम.ए.सेमिस्टर ४  
प्रायोगिक - मंच प्रदर्शन (Stage Performance)  
प्रश्नपत्र १४

वेळ- ४० मिनिट

पूर्णांक — १००

बाह्य मूल्यांकन — ८०

अंतर्गत मूल्यांकन - २०

- १) पाठ्यक्रमातील कोणत्याही एका रागाची ऐच्छिक निवड करून विलंबित ख्याल व छोट्याख्याल गायकीसह प्रस्तुत करणे. ४० गुण
- २) अ)परीक्षकांच्या सुचविलेल्या तीन रागांपैकी एका रागात छोट्याख्याल गायकीसह प्रस्तुत करणे २० गुण
- ब) उपशास्त्रीय गीतप्रकार — ठुमरी व दादरा २० गुण

- क्रियात्मक अंतर्गत गुण : अ) श्रवण आणि सादरीकरण - १० गुण
- ब) गीतांचे सादरीकरण (With Music Track) - १० गुण

एकूण २० गुण

एम.ए.सेमिस्टर-४  
गायन / स्वरवाद्य पाठ्यक्रम  
प्रश्नपत्र -१५  
शास्त्रीय संगीताचे क्रियात्मक सिध्दांत

वेळ ३ तास

पूर्णांक — १००

बाह्य मूल्यांकन — ८०

अंतर्गत मूल्यांकन - २०

- घटक-१ अ) पाठ्यक्रमातील रागांचे शास्त्रीय विवेचन आलाप तानांसहीत १६ गुण
- ब) पाठ्यक्रमातील गीतप्रकार लिपीबद्ध करणे १६ गुण
- घटक-२ मल्हार व मारवा रागांगांचे अध्ययन १६ गुण
- घटक-३ शिक्षक, मंचकलाकार, संगीत निर्देशक, समीक्षक, रेकॉर्डिस्ट, कंपोजर या कलाकारांच्या निर्मीती प्रक्रियेत संगीताची रोजगाराभिमुख दिशा १६ गुण

घटक-४ कमीतकमी ६०० शब्दांमध्ये संगीत विषयावर निबंध	१६ गुण
घटक-५ संपूर्ण पाठ्यक्रमावर आधारित वस्तुनिष्ठ प्रश्न	१६ गुण

सैध्दांतिक अंतर्गत गुण : अ) संगीत अध्यापन पद्धती पाठ (किमान पाच पाठ)	-१० गुण
ब) सांगीतिक कार्यक्रमाचे समीक्षण करणे	१० गुण

एकूण २० गुण

**एम.ए.सेमिस्टर-४**  
**गायन / स्वरवाद्य पाठ्यक्रम**  
**प्रश्नपत्र -१६**  
**सौंदर्यशास्त्र आणि संशोधन पद्धती**

वेळ ३ तास	पूर्णांक — १००
	बाह्य मूल्यांकन — ८०
	अंतर्गत मूल्यांकन — २०
घटक-१ सौंदर्यशास्त्राचा परिचय, विश्लेषण आणि परिक्षेत्र व सौंदर्यानुभूती प्रक्रिया व घटक	१६ गुण
घटक-२ कलेची परिभाषा, कलेचे वर्गीकरण, कलेचे माध्यम व विषयवस्तु	१६ गुण
घटक-३ 'रस'परिभाषा व त्यातील भेदांचे सामान्य अध्ययन तसेच 'संगीत' आणि रस' यांचा परस्पर संबंध	१६ गुण
घटक-४ अ) संशोधनाची परिभाषा व प्रक्रिया तसेच भारतीय संगीतामधील संशोधनाच्या दिशा	
ब) संशोधनातील विषयांची निवड, विषयाची रुपरेषा, व संदर्भ ग्रंथ सूची	१६ गुण
घटक-५ संपूर्ण पाठ्यक्रमावर आधारित वस्तुनिष्ठ प्रश्न	१६ गुण

सैध्दांतिक अंतर्गत गुण : Dissertation	-२० गुण
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**संदर्भग्रंथ सूची**

- १) हिंदुस्थानी संगीत क्रमिक पुस्तक मालिका भाग १ ते ६ पं. वि.ना.भातखंडे संगीत प्रकाशक कार्यालय, हातरस
- २) अभिनव गितांजली, भाग १ ते ५ पं. रामश्रय झा.संगीत सदन, इलाहबाद
- ३) शास्त्र परिचय, भाग १ ते ५ हरिश्चंद्र श्रीवास्तव, संगीत सदन इलाहबाद.
- ४) भातखंडे संगीत शास्त्र पं.वि.ना.भातखंडे संगीत कार्यालय, हातरस.
- ५) संगीत परिभाषा- विवेचन पं.श्रीकृष्ण रतंजनकर, आचार्य, एस एन.रतंजनकर फौंडेशन मुंबई
- ६) राग विज्ञान, विनायकबुवा पटवर्धन.
- ७) संगीत शास्त्र दर्पण, शांती गवर्धन, संगीत कार्यालय, हातरस.
- ८) संगीत शास्त्र विजयनी — पं.नारायण मंगरुळकर, स्वर संपदा केंद्र कोस्टीपुरा मार्ग सिताबर्डी नागपूर.
- ९) संपूर्ण विशारद शास्त्र (तबला) समीर जगताप, मधुराज पब्लिकेशन, पुणे.
- १०) संगीत शास्त्र विज्ञान डॉ.सुचिता बिडकर, संस्कार प्रकाशन, ६-४०० अभ्यदनगर, काळा चौक मुंबई
- ११) संगीत प्रवीण दर्शिका पं. नारायण लक्ष्मण गुणे, साधना गुणे ५८ पुरा ठाकुर किटगंज इलाहबाद
- १२) गुरतुर गा ले राग, प्रो.गुणवंत माधवलाल व्यास, वैभव प्रकाशन, नागपूर.
- १३) वसंत सुधा, डॉ.धनश्री पांडे, विद्या विकास प्रकाशन, नागपूर.
- १४) संगीत विशारद वसंत संगीत कार्यालय, हातरस.
- १५) स्वकिया पं.गुणवंत माधवलाल व्यास, व्यासमुनी संस्थान, रायपूर.
- १६) बंदीशीच्या बंदीशी पं.देवीदासपंत काळे गुरुजी प्रा.कमल भोंडे अमरावती.
- १७) नादकमल प्रा.कमल मु भोंडे मुरलीधर अ भोंडे, अमरावती.
- १८) संगीत समाधान डॉ.मधू शुक्ला, पाठक पब्लिकेशन इलाहबाद.
- १९) भारतीय संगीत (गायन) शास्त्र (सैध्दांतिक) प्रा.डॉ.सौ.मानिक ना. मेहरे राघव डिस्ट्रीब्युटर नागपूर.
- २०) अनुपरागविलास भाग १, २ कुमार गंधर्व मौज प्रकाशन, मुंबई.
- २१) कहत गुणिजन, डॉ.साधना शिलेदार, विजय प्रकाशन नागपूर.
- २२) पं.वि.ना.भातखंडे यांचे संगीतशास्त्र आणि बंदिशीची मिमांसा, डॉ.भोजराज बी. चौधरी, मेघ प्रकाशन, अमरावती.
- २३) संगीतार्जन, डॉ.अर्चना अंभोर अमेय पब्लिकेशन, अकोला.
- २४) ग्वाल्हेर घराण्याचे शिलेदार पं.राजभैर्या तथा पं.बाळासाहेब पुछवाले डॉ.राजेन्द्र देशमुख
- २५) संगीत चिंतन डॉ.भोजराज बी चौधरी नभ प्रकाशन, अमरावती .
- २६) संगीत सरिता,रमा सराफ विद्यानिधी प्रकाशन, दिल्ली.
- २७) भारतीय संगीत का इतिहास उमेश जोशी संगीत कार्यालय, हातरस.
- २८) भारतीय संगीत का इतिहास, ठाकुर जयदेव सिंह संगीत कार्यालय, हातरस.
- २९) भारतीय संगीत का इतिहास शरदचंद्र परांजपे, संगीत कार्यालय, हातरस.
- ३०) संगीत चिकित्सा डॉ.सतीश वर्मा, राधा प्रकाशन, नई दिल्ली.
- ३१) भारतीय संगीत शास्त्र और सौन्दर्यशास्त्र, अनुपम महाराज हिंदी ग्रंथ अकादमी पंचकुला, हरियाणा.
- ३२) भारतीय संगीत मे अनुसंधान प्रक्रिया मनोरमा शर्मा, हरियाणा हिंदी ग्रंथ अकादमी, पंचकुला हरियाणा.
- ३३) रविंद्र संगीत डॉ.अनिता सेन
- ३४) संगीत मेनुअल डॉ.मृत्यूनजय शर्मा, एच.जी प्रकाशन दिल्ली.
- ३५) स्वरार्थरामणी, गानसरस्वती किशोरी आमोणकर, राजहंस प्रकाशन, पुणे.
- ३६) निबंध संगीत, लक्ष्मी नारायण गर्ग, संगीत कार्यालय, हातरस.

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## NOTIFICATION

No. : 58 / 2016

Date: 04/08/2016

**Subject : Continuation of Prospectus No.2015124 prescribed for M.Sc.(Physics) Sem.I to IV.**

It is notified for general information of all concerned that the authorities of the University have decided that the Prospectus No.2015124 prescribed for M.Sc.(Physics) Sem-I to IV for the Session 2015-16 shall continue for the Session 2016-17 along with the following corrections in the syllabi of papers (1) 2PHY-4(ii), (2)3PHY-5(iv) & (3)4PHY-5(iv), (4) 3PHY5(ii).

- I) 2PHY-4(ii): Lasers and Laser Applications Should change to 2PHY-4(ii): Laser Fundamentals and Applications. Modified unit-wise syllabus is as per the following.

- Unit-I : Emission and absorption of radiation, lifetime of excited states, stimulated and spontaneous emission, Einstein coefficient of stimulated and spontaneous emission, gain and absorption coefficient, line width of transition, Broadening mechanisms, rate equations.
- Unit-II : Theory of laser oscillations: steady state oscillations, threshold condition, conditions on population inversion, three and four level system, gain saturation, effect of line profile, pumping mechanism.
- Unit-III: Laser Cavity modes: Longitudinal and transverse modes, Spectral and spatial hole burning, stable curved mirror cavities, ABCD matrices, properties of Gaussian beams, properties of real laser beam.
- Unit-IV: Q Switching: Theory and methods of producing Q-Switching within laser cavity, Mode locking: Theory and techniques for producing mode locking, Applications of nanosecond and femtosecond pulsed lasers.
- Unit-V : Types of laser and their applications: He-Ne Laser, Ar-ion laser, CO<sub>2</sub> laser, Excimer laser, dye laser, Q-Switched Nd-YAG laser, Mode-locked Ti:Sapphire laser, and semiconductor laser, free electron laser (principle only).

### References

1. P.W. Milonni and J.H. Eberly, Laser Physics, John Wiley & Sons, 2010.
2. O. Svelto, Principles of Lasers, Springer, 3rd Edition 2007.
3. W.T. Silfvast, Laser Fundamentals, Cambridge University Press, 2004.

- II) 3PHY-5 (IV) Lab on Photonics-I, be substituted by the following contents

1. Setting and recording of four beam interferometer
2. Study of relaxation oscillation of diode laser
3. Conversion of Continuous wave laser into pulsed laser
4. Observation and recording of mechanical stress using speckle interferometer
5. Observation and recording of mechanical stress using shear interferometer
6. Electric arc spectroscopy using fiber optic spectrometer
7. Study of Zeeman Effect.
8. Transmission Hologram: Recording and reconstruction
9. Reflection Hologram: Recording and reconstruction
10. Fabrication of Light Emitting Diode (LED) and its characterization (Demo)

- III) 4PHY-5(IV) Lab on Photonics-II, be substituted by the following contents

1. To set up fiber optic voice communication system
2. Determine numerical aperture of given optical fiber
3. Determination of bending loss in multi mode fiber
4. Sculpting of plastic optical fiber's tip
5. Fabrication of all optical fiber beam splitter
6. Fabrication of all optical logic gates using two and four beam interferometer
7. Study of Kerr effect in Nitrobenzene
8. Observation and recording of thermal stress using speckle interferometer
9. Observation and recording of thermal stress using speckle interferometer

IV) The corrections given in the following table.

Sr.No.	Reference in the Prospectus	Additions/Deletions/Substitution recommended
1.	Prospectus No.2015124 M.Sc. Sem-III (Physics) Page Nos.25	<ul style="list-style-type: none"> <li>i) The experiment appearing at Sr.No.10 be substituted by the following experiment. "10. Determination of transition temperature of high temperature super conductors"</li> <li>ii) After Sr.No.12, following Sr.No.13) be added. "13. Determination of thermal conductivity of a given liquid."</li> </ul>
2.	Prospectus No.2015124 M.Sc. Sem-IV (Physics) Page Nos.36	<ul style="list-style-type: none"> <li>i) In first line, after the figures and word "4PHY-3" the line ": Any three from Section-A and any four from Section-B" be added.</li> <li>ii) In third line, after the words "OP-AMP - List of Experiments", the line ": Design and Study" be added.</li> <li>iii) The numbering of experiments "11 to 20" be corrected as "1 to 10".</li> <li>iv) In (B), the sign and words "(Any five)" appearing after the words "List of Experiments" be deleted.</li> </ul>
3.	Prospectus No.2015124 M.Sc. Sem-IV (Physics) Page Nos.40	<ul style="list-style-type: none"> <li>i) In (B) Condensed Matter Physics-II, the lines "Laboratory Experiments.....given below" be deleted.</li> <li>ii) In the list of Experiments, after Sr.No.11, following Sr.No.12 &amp; 13 be added. 12. Determination of complex dielectric constant of a given material. 13. Study of crystal structure using XRD.</li> <li>iii) In (B) Digital Communication, the lines "The experiments from Sr.No.1 to 5.....open ended experiments" be deleted.</li> </ul>
4.	Prospectus No.2015124 M.Sc. Sem-IV (Physics) Page Nos.41	The lines "A student should perform.....one experiment only." be deleted.

Sd/-  
(Dr.A.P.Deshmukh)  
Registrar  
Sant Gadge Baba Amravati University