

**SANT GADGE BABA AMRAVATI UNIVERSITY,  
AMRAVATI**

**2015-16**

**Admission Brochure**



Registrar

Sant Gadge Baba Amravati University

## RULE NO. 3 OF 2009

### RULES FOR ADMISSION TO THE COURSES CONDUCTED BY UNIVERSITY POST-GRADUATE TEACHING DEPARTMENT

WHEREAS it is expedient to frame the rules in respect of **admission to the courses conducted by University Post-Graduate Teaching Departments**, the Management Council is hereby pleased to make the following rules :-

- 1) These rules may be called “**Rules for admission to the courses conducted by University Post-Graduate Teaching Departments.**”
- 2) These rules shall come into force w.e.f. the session 2009-10. Earlier rules for postgraduate admission (Rule no. 2 of 1998 amended by rule no.1/1999, 4/2003 and 6/2005) shall stand repealed.
- 3) These rules will be applicable for the admissions to part I of M.A./M.Sc./M.Ed./M.P.Ed.\*/B.L.I.Sc./M.L.I.Sc./L.L.M./M.Tech./PGDCS/PGDHR/M.Phil. Courses group-wise in the following faculties & subjects :-

<b>Group A</b>	<b>Group B</b>	<b>Group E</b>
<b>Faculty of Science</b>	<b>Faculty of Arts</b>	<b>Faculty of Home Science</b>
<b>Faculty of Engg. &amp; Tech.</b>	<b>Faculty of Social Science</b>	1. Home Science
1. Physics	1. Marathi	
2. Chemistry	2. Translational Hindi	
3. Mathematics	3. Sociology	
4. Statistics	4. Functional English *	
5. Computer Science	5. Library Science	
6. Botany		
7. Zoology	<b>Group C</b>	<b>Group F</b>
8. Microbiology	<b>Faculty of Education</b>	M.Phil (Vacational)
9. Bio-Technology	1. Education	(Hindi, English, Marathi, Sanskrit, Physics, Botany, Zoology, Chemistry, Mathematics, Statistics, Computer Science, Geology, Microbiology, Electronics, Bio-Technology, Bio-Chemistry, Sociology, History, Political Science, Geography, Economics, Library & Information Science, Education, Physical Education, Home-Science
10. Geology	2. Physical Education	
11. Applied Electronics	**	
	<b>Group D</b>	
	<b>Faculty of Law</b>	
	1. Law	

\* Admissions to Functional English will be made as per the merit list of entrance examination.

\*\* M.P.Ed. Admissions will be made by the Govt. of Maharashtra.

4) Definations:-

- i) “University” means “Sant Gadge Baba Amravati University, Amravati”.
- ii) “Designated Agency” means Maharashtra Knowledge Corporation Limited” (MKCL).
- iii) “Candidate” means student desiring to take admission for the courses conducted by University.

- iv) "Committee" means the committee constituted by the Vice Chancellor for the purpose of conducting the admission process.
- 5) The application forms shall be filled online. University shall designate agency for filling online admission forms and preparation of merit list. University shall sign an agreement with designated agency for filling online application, scrutiny of application forms & preparation of merit list.
- 6) After publication of final merit list on designated agency's website, the admission would be done by COUNSELING, at a place by the Admission Committee appointed by the Hon'ble Vice-Chancellor. As per the admission procedure laid down in these rules, the applicants are required to remain present at the admission centre so specified by the Sant Gadge Baba Amravati University authority to indicate their choices against the seats in the various subjects which would be available to them as per their turn according to merit list. Although, this procedure requires the applicants to remain present at one place for securing the admission, this has become inevitable for honouring the merit and subject choice of the applicant and to provide natural justice to the applicant.
- 7) Students desire to take admission to various courses shall bring the original documents.
- 8) The departmental information will be available on University website and designated agency's website as given in **Appendix 'A'**.

(II) ELIGIBILITY APPLICANTS FOR ADMISSION

- 1) The applicant can apply for admission to (M.A. Part I / M.Sc. Part I / M.Ed. Part I / M.P.Ed. Part I / B.Lib.Sc. / M. Lib.Sc. / L.L.M. Part I / M. Tech. Part I / PGDCS/PGDHR/M.Phil.) in the subjects which were opted by him at (Bachelor Degree/Post Graduate degree) level.
- 2) The information regarding the number of seats available in various departments and eligibility criteria is given in **Appendix 'B'**
- 3) Candidate shall submit group wise only one application form for all the courses for which he/she is eligible.
- 4) The applicant shall give subject wise order of preference in which he/she wishes to apply for admission.
- 5) Students from other Universities can also apply for all the courses. Reservation policy is given in the point V on Page 3.
- 6) The students willing to take admission to M.Sc. Biotechnology course have to appear for the entrance test conducted by the University.
- 7) The students willing to take admission to M.Tech. should have passed Degree in Chemical Engineering or Chemical Technology with GATE. If GATE qualified candidates are not available or seats remain vacant, then the remaining seats will be filled by Entrance Examination conducted by the University.

(III) APPLICATION FORM

The application form shall be filled online by the candidates and as per the online instructions. The admission brochure will be available on University website [www.sgbau.ac.in](http://www.sgbau.ac.in) and designated agency's website.

After complete filling of form, the applicant will attach a Demand Draft in favour of Registrar, Sant Gadge Baba Amravati University, Amravati or cash receipt of cash paid at cash counter of Sant Gadge Baba Amravati University, Amravati of an amount decided by Management Council from time to time. The applicant will print the form, attach the Demand Draft or cash receipt and send by post to the Chairman, Central Admission Committee, Sant Gadge Baba Amravati University, Amravati.

An application form will be considered to be valid only if -

- 1) Only one prescribed application form for the group is duly filled online by the applicant.
- 2) The application should be alongwith Application Fee of by cash or Crossed Demand Draft payable to the **Registrar, Sant Gadge Baba Amravati University, Amravati** along with true copies of,
  - i) S.S.C. Mark sheet
  - ii) S.S.C. Certificate (Board)
  - iii) H.S.C. Mark sheet
  - iv) Mark sheet of First year, Second year, Third year of qualifying degree examination including attempt certificates issued by the University for each year and gap certificate (if any)
  - v) Caste certificate
  - vi) Certificate recently issued by the competent authority to show that the candidate does not belong to creamy layer.
  - vii) Transfer certificate signed by Principal or Head of Department or institute last attended (with two Xerox copies).
  - viii) Physical fitness certificate from any Registered Medical Practitioner as prescribed in the application form.
  - ix) No objection certificate, if employed.
  - x) A self attested Passport size Photograph.
  - xi) Students from other University should produce degree equivalence certificate issued by Sant Gadge Baba Amravati University.

#### (IV) PREPARATION OF MERIT LIST

- 1) The grand total marks secured by the applicant in the qualifying degree examination required to pass as per eligibility criteria will be in the proforma prescribed in **Appendix 'B'**, with essential subjects at degree level with deductions (if any) as stated in **Appendix 'C'** will form the basis of selection. It will be Qualifying Index of the applicant. Rules regarding **tie breaker** are as stated in **Appendix 'D'**.

GT

Qualifying Index =  $\frac{GT}{MM} \times 1000 - (5 \times dd)$

MM

Where, GT - Grand total of mark secured by the candidate at qualifying degree.

MM - Maximum marks for qualifying degree.

dd - Number of additional attempts.

- 2) The provisional merit list will be prepared in descending order of merit by designated agency.
- 3) There will be separate merit list for each group.

4) An applicant having objection regarding his position in merit list must submit a representation in writing or by email to Chairman within a period allotted for the purpose, the objections raised thereafter will not be entertained.

5) After considering such representation, the final merit list will be displayed online by designated agency.

6) The applicants whose names appear in the merit list will be required to attend admission program within dates as per program published online by designated agency.

(V) RESERVATION OF SEATS

1) i) Out of total intake capacity 70% seats shall be reserved for the students of the Sant Gadge Baba Amravati University.

ii) 20% seats shall be reserved for the other universities students & students belonging to other states.

iii) 10% seats shall be reserved for the students from the foreign universities.

**Provided, the seats reserved for category (ii) and (iii) above remain vacant, these seats shall be filled in from the students of this university.**

iv) Reservation policy will be adopted as per government norms from time to time..

2) An applicant belonging to backward categories will be required to submit the caste certificate issued by the competent authority.

3) All the candidates from other than Maharashtra State will be treated as Open category candidates as per G.R. No. CBC-1290/23116/pra.kra.- 378/mavak- 5 dt. 21/08/1995.

4) Creamy Layer

i) An applicant belonging to “Creamy Layer” amongst the categories NT-C, NT-D and OBC must note that the provision of reservation is “NOT” applicable to him. **An applicant claiming benefit of reservation under the categories NT-C, NT-D and OBC will be required to produce recently issued Non-Creamy Layer certificate from the competent authority.**

ii) The selection against these seats so reserved shall be exclusive of the selection of applicant of these categories in open merit category.

iii) The seats remaining vacant from the Backward categories will be filled in

a) From among the applicants of their respective groups. The groups are as follows :

i] SC & ST

ii] VJ-A & NT-B

iii] NT-C, NT-D & OBC

If the seats still remain vacant then the seats will be filled -

b) From among the applicants of reserved categories taken together .

If the seats still remain vacant then the seats will be filled -

c) From among the applicants of the open category.

(VI) SELECTION PROCESS

The selection will be made on the basis of qualifying index obtained by the applicant in the descending order of merit and availability of seats.

- 1) The applicants will be required to attend interview in person as per the programme to be announced by the Central Admission Committee. **Individual intimations will NOT be sent to applicants.** At the time of interview, the applicant will be called as per his merit position. The complete position of availability of seats in various subject will be shown to the applicant and he will exercise his final choice in writing for the course and subject.
- 2) **The option exercised by the applicant will be final, binding and irrevocable.**
- 3) Failure to attend the admission process on the appointed date and time due to any reason whatsoever will be mean that the applicant is not interested in admission at a particular round and his name will be transferred to subsequent round for admission as per merit against the available vacancies in different subjects.
- 4) The admissions to M.Sc. (Biotechnology) Semester-I will be done on the merit list of the Entrance Examination conducted by the University.
- 5)
  1. Admission to M. Tech. Course in Membrane & Separation Technology will be effected according to Merit List prepared on the basis of valid GATE score in any branch of Chemical Engineering or Chemical Technology.
  2. When enough GATE qualified candidates in respective branch are not available the vacant seats will be offered to the non-GATE candidates as per merit based on total marks secured out of 100 as indicated below;
 

i) Entrance Test	-	Maximum 70 Marks
ii) Interview / Viva-voce	-	Maximum 30 Marks
-----		
Total		100 Marks
- 6) Any disputes regarding the admission will be addressed to Chairman, Central Admission Committee and the decision of Chairman, Central Admission Committee or their nominee will be final.

(VII) MISCELLANEOUS

- 1) No duplicate leaving Certificate / Transfer Certificate will be accepted at the time of admission.
- 2) Candidate must produce the original leaving Certificate / Transfer Certificate of the Institute last attended.  
 If the candidate has taken admission in any other Institute, he must bring a certificate from the Head of the Institute stating that original leaving Certificate / Transfer Certificate is retained by that Institute. OR he / she must bring Bonafide Certificate from that Institute. Without such Certificate no candidate will be admitted. However, it is made clear that such candidate shall be required to pay the fees then and there only and submit the required original certificate to the admission authority within 3 working days or period as mentioned by the authority. Candidate shall sign the undertaking for the same. If he / she fails to submit the original certificate within the stipulated period, the admission shall be treated as cancelled.
- 3) If any of the statements made in application form or any information supplied by the candidate in connection with his / her admission is, lateron at any time, found to be false or incorrect, his / her

admission will be cancelled, fees forfeited and he / she may be expelled from the Department by the Competent Authority and prosecuted, if deemed necessary.

- 4) Students while studying in any Department if found indulging in anti-national / anti social activities / ragging, contrary to the provisions of Act & Laws enforced by Government and / or any activity contrary to rules of discipline will be liable to be expelled from the Department without any notice by the Competent Authority.
- 5) Students belonging other University should submit Migration Certificate signed by the Registrar of the University from which he / she migrates on or before 15th September and shall pay an immigration fee.
- 6) Students not already enrolled in Sant Gadge Baba Amravati University will have to pay the University Enrollment Fee of **Rs. 25/-** at the time of admission to Department.
- 7) For study tour & educational visits, students will have to pay the Educational Tour Fee/Expenses separately.
- 8) No student shall be admitted to the University Examination unless he/she produces the relevant degree certificate in original. A student migrating from other University must produce his/her degree well before 15th of February.
- 9) A student admitted to the Department shall attend 75% classes as per provisions of Ordinance No. 2.
- 10) A student once admitted to a regular course of study in this University, shall not be permitted to appear for any other degree examination simultaneously.
- 11) It will be binding on the students to accept the medium of instruction & papers in the concerned subject in which instructions are given in the Department.
- 12) Once a student is admitted, he/she will not be allowed to transfer the admission to any other Institution affiliated to Sant Gadge Baba Amravati University for any reason.
- 13) Information regarding examination etc. can be found in the Ordinance Book, Prospectus & University Gazette published from time to time.

#### (VIII) FEES, CANCELLATION - REFUND AND CONCESSIONS.

- 1) The candidate will have to pay fees prescribed by the University from time to time.
- 2) The Candidates belonging to Backward Categories will have to pay fees as per Government rule.
- 3) Caution money & Library Deposit :- Student leaving the department during the academic session or after completion of the Course i.e. on 30<sup>th</sup> April should claim the refund of caution money/library deposit within two years from the date of issuance of Transfer Certificate or from the closing date of academic session i. e. 30 the April, as the case may be. Thereafter the amount of caution money / library deposit shall be deemed to be deposited in the account of Students' Welfare Fund.

**Note:-**Unless there is any recovery, no deduction shall be made from the caution money/Library Deposit.

#### 4) **Refund of fees :**

- (a) In case the student is admitted to one Department and then transferred to another Department of the University where less or more fees are prescribed than fees paid by

him/her then the difference in amount shall be refunded to him / her or shall be paid by the student.

- (b) If during the First Year course of studies, a candidate desires to discontinue his studies for any reason whatsoever, he/she shall be allowed to do so and it shall be presumed that he / she has cancelled his/her admission at that stage. He shall be issued the leaving certificate from the Department. The fees paid by him shall be refunded as under.

---

Sr. No.	Period	Amount to be deducted
1.	Within 10 days from the date of admission.	20% of the total fees excluding caution money & Library deposits. (as an administrative expenditure)
2.	After 10 days from the date of admission.	No refund.

---

- (c) If admitted candidate desires to discontinue his/her further studies for any reason whatsoever after passing of first year or those who are eligible to take admission to the next year under ATKT rules, he/she shall be allowed to do so. But he/she will have to pay the complete fees for the remaining academic sessions.

(IX) HOSTEL ACCOMMODATION

On admission to the Department, hostel accommodation for Girls & Boys will be made on merit basis as per availability of seats. For details students are advised to contact the respective wardens of the hostels.

**SANT GADGE BABA AMRAVATI UNIVERSITY**  
**NAAC Accredited with grade "A"**

**Departments Information**

S.N.	Contents	Page No.
1.	Home Science	9
2.	Applied Electronics	11
3.	Computer Science	13
4.	Physical Education	16
5.	Library and Information Science	17
6.	Physics	19
7.	Chemistry	22
8.	Geology	24
9.	Botany	27
10.	Zoology	29
11.	Sociology	31
12.	Statistics	33
13.	Mathematics	35
14.	Microbiology	37
15.	Marathi	39
16.	Hindi	41
17.	Education	43
18.	Biotechnology	45
19.	Chemical Technology	47
20.	Law	49
21.	English	51
22.	Business Administration and Management	52

## Department of Home Science



### Home Science

<b>Code</b>	<b>501</b>				
<b>Department</b>	<b>Home Science</b>				
<b>Courses run / Programs</b>	<ul style="list-style-type: none"> <li>• M.Sc. Food Science and Nutrition (FSN)</li> <li>• M.Sc. Communication and Extension(CE)</li> <li>• M.Sc. Resource Management (RM)</li> <li>• Ph.D.</li> </ul> <p><b>Certificate courses</b></p> <ul style="list-style-type: none"> <li>• Flower Decoration</li> <li>• Sports Nutrition</li> <li>• Dietetics in Weight Management</li> <li>• Cultivation and Post Harvest Technology of Oyster mushroom</li> </ul>				
<b>Intake for M.Sc.</b>	<b>Spl</b>	<b>Host University</b>	<b>Other</b>	<b>F/NRI</b>	<b>Total</b>
	CE	7	2	1	10
	RM	7	2	1	10
	FSN	7+4*	2+1*	1+1*	10+6*
	*Graduates other than home science discipline				
<b>Eligibility for M.Sc.</b>	<p><b>M.Sc. Food Science and Nutrition:</b></p> <ul style="list-style-type: none"> <li>• B.Sc. Home-Science</li> <li>• B.Sc. Food Science</li> <li>• B.Sc. Biotechnology</li> <li>• B.Sc. Biochemistry</li> <li>• B.Sc. Nursing</li> <li>• B. Tech Food Technology</li> <li>• Bachelor of Medicine</li> </ul>				

	<ul style="list-style-type: none"> <li>• Bachelor of Hotel Management and Catering Technology</li> </ul> <p><b>M.Sc. Communication and Extension</b></p> <ul style="list-style-type: none"> <li>• B.Sc. Home Science</li> <li>• B.Sc. Agriculture</li> </ul> <p><b>M.Sc. Resource Management:</b></p> <ul style="list-style-type: none"> <li>• B.Sc. Home Science</li> <li>• Bachelor of Business Administration</li> <li>• Bachelor of Hotel Management and Catering Technology</li> </ul> <p><b>Elective</b></p> <p>Food Science Nutrition -</p> <ol style="list-style-type: none"> <li>1. Dietetics</li> <li>2. Public Nutrition</li> <li>3. Food services Management</li> </ol> <p>Communication &amp; Extension-</p> <ol style="list-style-type: none"> <li>1. Extension Management</li> <li>2. Media Development</li> <li>3. Curriculum development</li> </ol> <p>Resource Management-</p> <ol style="list-style-type: none"> <li>1. Event Management</li> <li>2. House Keeping</li> <li>3. Food Service Management</li> </ol>		
Head & Faculty with Designation	<p>Dr. A. G. Mane, Professor &amp; Head  Dr. M. P. Kale, Associate Professor  Ms. V. P. Dhanvijay, Assistant Professor  Dr. A.S. Deshmukh, Assistant Professor  Dr. S. V. Deshmukh, Assistant Professor</p>		
<b>Total Fees in Rs</b>	<b>Full fees</b>	<b>GOI</b>	<b>PTC/EBC</b>
Host Univ. Students	1822.25	672.25	1022.25
Other University	4767.25	--	
(Within State)	--	776.25	
Other University(out of state)	4807.25	--	
Foreign students and NRI	\$ 600	--	

## Highlights

### Department has

- Diet Counseling Centre
- Women Harassment Grievance Cell
- Centre of Social Health and Public Hygiene
- Home Science Society
- Alumni Association (Department Chapter)
- Ph.D. Supervisors
- Gold and silver medals for merit students

- Ph.D. awarded students – 33

## Department of Applied Electronics



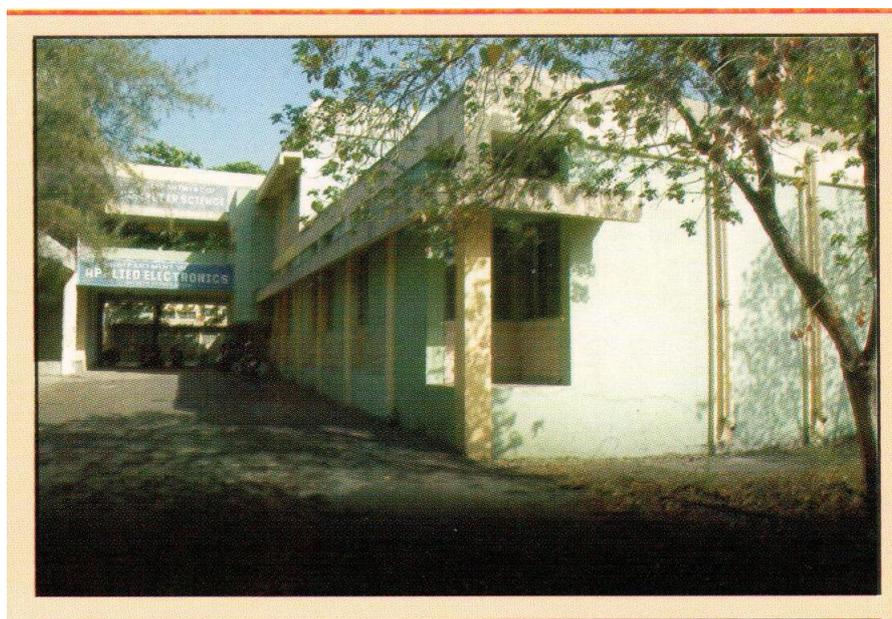
Code	502
Department	Applied Electronics
Courses run/Programs	M.Sc.; Ph.D
Intake for M.Sc.	Host Univ .      Oth. Univ.      F/NRI      Total
	21                      6                      3                      30
Eligibility for M.Sc	B.Sc. Physics Or Electronics Or Electronics(Instrumentation) Or Computer Science with Mathematics at 10+2 Level OR Bachelor of Computer science Or Equivalent degree of any other statutory University <b><u>Minimum 45 % marks at B. Sc. for GENERAL (OPEN) Category</u></b> <b><u>Minimum 40 % marks at B. Sc. for RESERVED CATEGORY</u></b> <i>(G.R.No.Misc.-2011/(145/2011)Tech.Edu.-4, Date:5 July 2011)</i>
Specialization/ Elective if any	Professional Electives with laboratories <b>Sem II:</b> Electronic Instrumentation & control, Control System <b>Sem III: Elective I-</b> Embedded System Design, Electronics Circuit Design Elective II- Introduction to Fuzzy Logic and Neural Networks, Computer Organization <b>Sem IV:</b> Elective I – DSP with TMS 320C54xx, 4AE42 Digital Image Processing Elective II- Smart sensors, Biomedical Engineering
Head & Faculty with Designation	<b>Dr. S.V. Dudul</b> , Professor & Head <b>Shri K.D. Chinchkhede</b> , Assistant Professor <b>Dr. Mrs. R.D. Raut</b> , Associate Professor <b>Dr. Mrs. S. N. Kale</b> , Assistant Professor

<b>Shri. D.R. Solanke, Assistant Professor</b>			
Total Fees In Rs.	<b>Full Fees</b>	<b>GOI</b>	
Host Univ. Students	3732.00	732.00	
Other University (within state)	9932.00	932.00	
Other University (Out of state)	9932.00	--	
Foreign students & NRI	\$800	--	

### **Highlights:**

1. Ph. D. programme in Electronics engineering
2. High Quality Research article publications in IEEE transactions and Elsevier (Science Direct) International journals.
3. Fifteen students awarded Ph.D.in Electronics Engineering.
4. Six patents are published & filed.
5. Choice based credit grade system in M.Sc. (A/E) with Core Engineering subjects, Professional Electives
6. All teaching faculty with Engineering Qualifications, Well qualified & experienced faculty members.
7. Broadband Internet and wi-fi facility.
8. Laboratories for professional electives
9. Scope for auditing subjects(Free electives)
10. Special attention towards training & placement
11. Job assurance in industries, successful placement as hardware/software engineer/project manager
12. Hands on exposure to actual designing fabrication of various electronic gadgets & projects
13. Industrial visit in third semester
14. Well equipped laboratories such as VLSI Lab, Microwave lab, Optical fiber communications lab, Microprocessor & Microcontroller lab, Computer lab, DSP Lab etc.
15. Well equipped Research laboratory & facility of FAB LAB in the campus.
16. Hands-on training and experience of handling sophisticated instruments for fabrication of PCB, developing dream prototypes and working gadgets.
17. Guidance for placement & SET/NET/Gate exams, students' personality development, communication skill development of students, Remedial coaching SC/ST students
18. Soft skill development of students in C++, Java, web technology, MATLAB & VHDL
19. Departmental Library

## Department of Computer Science



<b>Code</b>	504				
<b>Department</b>	Computer Science (Faculty of Engg. & Tech.)				
<b>Courses run</b>	M.E. (CSIT), MCA, M.Sc. (Comp. Sci.), PGDCS, PGDEM				
<b>Programs Intake</b>	Course	Host. Univ.	Oth. Univ.	F/NRI	Total
	M.E.	As per Govt. Rules			30
	M.Sc.	14	04	02	20
	MCA	As Per Govt. Rules			60
	PGDCS				30
	PGDEM				30
<b>Eligibility</b>	<b>M.E. (CSIT)</b> – Computer Technology, Computer Engineering, Computer Science & Engg., Electronics & Tele. Engg., Information Tech., Electronics Engg., Electrical & Electronics Engg.				
	<b>M.C.A.</b> – Graduate in any Discipline with minimum 50% marks and Math upto 10+2 level (5% Relaxation for B.C.)				
	<b>M.Sc. (Comp. Sci.)</b> -B.Sc. with Computer Science / Application as one of the subjects OR B.A OR B.Sc. University with Mathematics plus PGDCS of this University MCA : As per AICTE norms.				

	<p><b>PGDCS</b>(Post Graduate Diploma of Computer Science) -Graduate of the University or of any statutory university equivalent thereto, in any faculty with 50% marks (45% for BC candidate) at the Degree level and offering Mathematics and Statistics at the H.S.S.C. XII Standard or equivalent examination.</p> <p><b>PGDEM</b> (Post Graduate Diploma in E-learning &amp; M-Learning)-Graduate of the University or of any statutory university equivalent thereto, in any faculty with 45% marks (40% for BC candidate) at the Degree level and offering Mathematics and Statistics at the H.S.S.C. XII Standard or equivalent examination. Seats for candidates from Industry/ Agency/ Organization 10% of total intake.</p>
<b>Specialization / Elective, if Any</b>	<p><b>M.E. (CSIT)</b> – Mobile Computing</p> <p><b>M.C.A.</b> – Data Ware Housing &amp; Data Mining.</p> <p><b>M.Sc. (Comp. Sci.) -</b></p> <p><b>Sem II</b> : Elective -1MCS4</p> <p>(1) Discrete Mathematical Structure</p> <p>(2) Compiler Construction (GIC)</p> <p><b>Sem III</b> : Elective - 3MCS4</p> <p>(1) Distributed Database System (GIC)</p> <p>(2) Theory of Computation</p> <p><b>Sem IV</b>: Elective -4MCS4</p> <p>(1) Mobile Communication</p> <p>(2) Digital Image Processing</p> <p>(3) Software Testing (GIC)</p>
<b>Head &amp; Faculty with Designation</b>	<p><b>Dr. V.M. Thakare</b> -<i>Professor &amp; Head</i></p> <p><b>Dr. Mohd. Atique</b> –Professor</p> <p><b>Dr. Smt. S.S. Sherekar</b> –Professor</p> <p><b>Dr. A.B. Manwar</b> –Associate Professor</p> <p><b>Dr. S.R. Kalmegh</b> –Associate Professor</p> <p><b>Sh. R.D.Bhojar</b> –Assistant Professor</p> <p><b>Sh. S.D. Pachpande</b> –Assistant Professor</p> <p><b>Smt. A. S. Jaiswal</b> – Assistant Professor</p> <p><b>Sh. Y. M. Kurwade</b> – Assistant Professor</p> <p><b>Sh. R.N.Khobragade</b> – Assistant Professor</p>

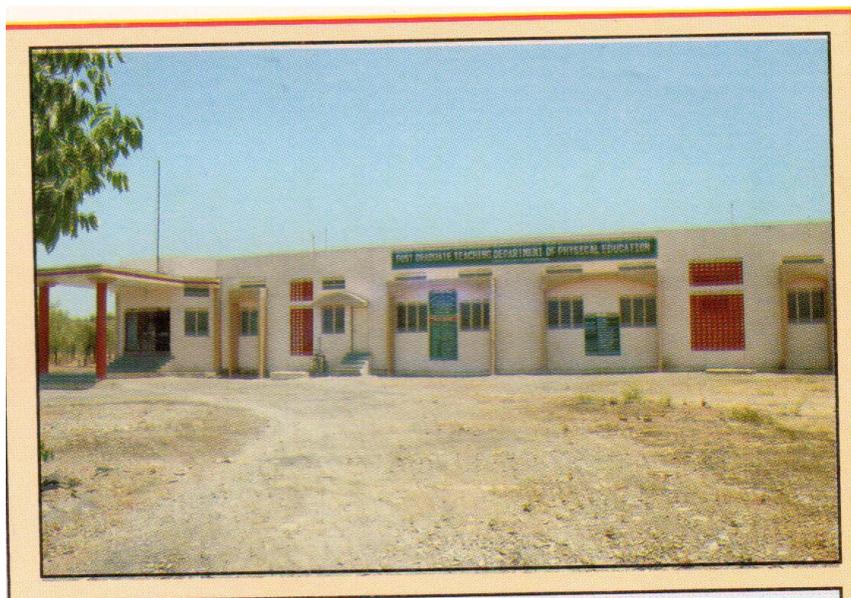
### Fee Structure

Course	Host University		Other University (Within State)		Other University (Out of State)	Foreign Students & NRI
	Full Fees	GOI Scholarship	Full Fees	GOI Scholarship		
<b>M.E.</b>	27648.00	7648.00	33218.00	9218.00	33218.00	
<b>M.Sc.</b>	4832.00	832.00	11032.00	1032.00	11032.00	\$900
<b>P.G.D.C.S.</b>	4942.00	942.00	13141.00	1141.00	13141.00	
<b>P.G.D.E.M.</b>	4942.00	942.00	13141.00	1141.00	13141.00	
<b>M.C.A.</b>	<b>Full Fees</b>		<b>GOI Scholarship</b>			
	15948.00		9948.00			

### Highlights

- Ph.D. Awarded -07
- NET/SET/GATE qualified -09
- Produced successful IT professionals, currently working at TCS, Infosys, Satyam, Persistent, MBT, PARROT, SYNTEL, TERA Informatics etc. and students placed every year in various other organizations.
- Department / Staff has national and international links with ISTE, CSI, INNS, IE, IETE, IEEE & ACM.
- Department Laboratory has network of 77 i3/i5 Laptops/ Computers, Novel Netware, WINDOWS and LINUX Server with VSAT/Broadband facility, Graphics Workstation, mobile computations lab (under UGC scheme) including e-learning and m-learning lab.

## Department of Physical Education



Code	505		
Department	Physical Education		
Courses run / Programs	M.P.Ed. ; Ph.D.		
Intake for M.P.Ed.	30 (Admission through CET conducted by Director, Higher Education, Pune.		
Eligibility for M.P.Ed.	As directed by NCTE		
Head & Faculty with Designation	Dr. S. N. Behera, Lecturer & Head Dr. Ms. T. S. Raut, Lecturer		
Total Fees in Rs.	Full Fees	GOI	
Host Univ. Students	4057.00	1057.00	
Other University (Within State)	11312.00	1312.00	
Other University (Out of State)	11312.00	----	
Foreign Students & NRI	\$900	----	----

### Highlights

- NET / SET qualified students – 38
- Students regularly participate at International, national and Inter University level sports events.
- Regular health awareness camps are organized under TRDEA.
- Free Coaching for NET/SET
- Free Coaching for Computational Statistics
- Students participate in National Conferences, Seminars regularly.

## Library & Information Science



Code	506				
Department	Library & Information Science				
Courses run / Programs	B.L.I.Sc.; M.L.I...Sc.; Ph.D., M. Phil.				
Intake at Entry level	Spl.	Host Univ.	Other Univ.	F/NRI	Total
	B.L.I.Sc.	21	06	03	30
	M.L.I.Sc.	14	04	02	20
Eligibility	B.L.I.Sc. -Any Graduate				
	M.L.I.SC. -B.L.I.Sc.				
Specialization/Elective if any					
Head & Faculty with Designation	Dr. Vaishali G Choukhande, Associate Professor & Head Mr. Ravindra Dadarao Sarode, Assistant Professor				
Total Fees in Rs.		Full Fees	GOI		
Host Univ. Students	B.L.I.Sc.	3242.00	742.00		
	M.L.I.Sc.	3427.00	927.00		
Other University (Within State)	B.L.I.Sc.	5942.00	942.00		
	M.L.I.Sc.	6127.00	1127.00		
Other University (Out of State)	B.L.I.Sc.	5942.00			
	M.L.I.Sc.	6127.00			
Foreign Students &NRI	B.L.I.Sc.	\$800			

	M.L.I.Sc.	\$800		
--	-----------	-------	--	--

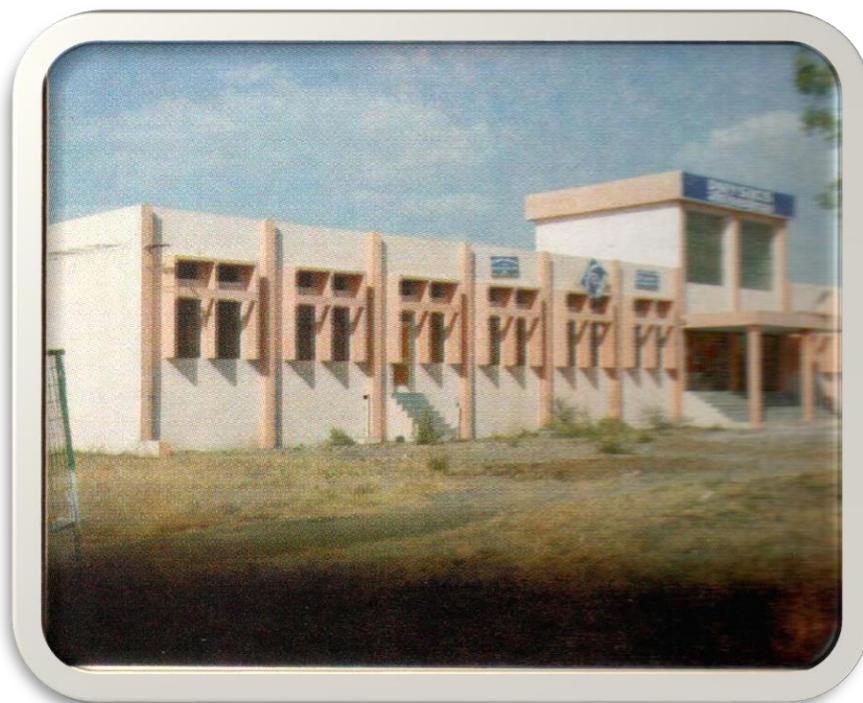
### **Highlights**

- NET/SET Coaching Class
- NET/SET Qualified Students
- Ph. D Awarded
- Gold Medalists in BLISc Exam.
- Gold Medalists in MLISC Exam.
- Dr. PSG Kumar Research Library
- Career Guidance & Personalized Information Cell
- "LIS-SPARK" for Academic & Cultural Activity

### **Research Areas**

Information Technology Applications in Libraries, User Studies, Total Quality Management & Libraries

## Department of Physics



Code	507			
Department	Physics			
Courses run / Programs	M.Sc.; Ph.D.			
Intake at Entry level for M.Sc.	Host Univ	Other Univ	F/NRI	Total
	21	06	03	30
Eligibility for M.Sc.	Physics at Graduate Level			

Specialization / Elective if any	<p>CBSC Semester pattern with GIC &amp; Elective started from session 2010-11(Old) revised now to be implemented from 2012-13</p> <p>Specializations are :</p> <ol style="list-style-type: none"> <li>1. Digital techniques &amp; Microprocessor programming and Interfacing</li> <li>2. Condensed Matter Physics</li> <li>3. Analog and Digital Communication</li> <li>4. Photonics</li> </ol> <p>General Interest Courses (Interdisciplinary Elective) are :</p> <ol style="list-style-type: none"> <li>1. Network Theorems and Solid State Devices</li> <li>2. Laser &amp; Laser Applications</li> <li>3. Advance Microprocessors &amp; Microcontrollers</li> <li>4. Nano-science and Nanotechnology</li> </ol>		
Head & Faculty with Designation	<p><b>Dr. S. K. Omanwar</b>, Professor &amp; Head  Dr. G. G. Muley, Assistant Professor  Dr S.A. Waghuley, Assistant Professor  Dr. K.M. Alti, Assistant Professor</p>		
Total Fees in Rs.	Full fees	GOI	
Host Univ. Students	3732.00	732.00	
Other University (Within State)	9932.00	932.00	
Other University (Out of State)	9932.00	---	---
Foreign Students &NRI	\$800	---	---

### Highlights:

- **Research areas:** Luminescence and its applications, Lasers and its applications, Non Linear optical (NLO) crystals/materials and applications. Optical Biosensors, Gas sensors, conducting gases, conducting polymers, Quantum dots, acoustical properties of liquid mixtures, nano-composites, thin films, NLO properties of nano-particles etc.
  - NET/SET qualified students:19
  - Merit : Total:16 till date
  - Gold Medalists : 2
  - Ph.D. Awarded :24
  - Patent filed : 02
  - Patent in process : 05
- Department organized three national Conferences & One Workshop
- i) National Conference on “Lasers and Advanced Materials”(29 to 30 May, 2012)
  - ii) Luminescence and its Applications (7 to 9 February, 2006)
  - iii) Lasers and their Applications (28 to 30 January, 2004)
  - iv) National Workshop on Structural & Electrical Characterization of Materials. (1998)

### Projects ongoing:

- UGC Innovative program *P.G. Diploma in Photonics* (Approved 2013-18)

- Department is sponsored by DST-FIST (Outlay: Rs. 36,00,000/-)
- UGC, New Delhi sanctioned MRP to Dr. G.G. Muley for period of three years (2012-2015) Outlay Rs. 9,58,300/-

**Projects completed:**

- DRDO funded MRP to Dr. B.H. Pawar and Dr. G.G. Muley.
- DAE-AERB funded MRP to Dr. S. K. Omanwar (Outlay Rs. 18,55,000/-)
- UGC funded MRP to Dr. S.K.Omanwar for the period 2010-13 (Outlay Rs 7,29,300/-)
- UGC Funded Minor Research project to Dr.S.A.Waghuley for the period 2010-12 ( Outlay Rs. 1,55,000/-)
- DRDO has sanctioned MRP to Dr. G.G. Muley for the period of 3.5 years (Outlay Rs. 21,01,341/-)



## Department of Chemistry



Code	508			
Department	Chemistry			
Courses run /Programs	M.Sc.; Ph.D.			
Intake at Entry level for M.Sc.	<b>Host Univ.</b>	<b>Oth. Univ.</b>	<b>F/NRI</b>	<b>Total</b>
	21	06	03	30
Eligibility for M.Sc.	Chemistry at Graduate Level			
Specialization / Elective if any	1. Organic Chemistry 2. Inorganic Chemistry			

Head & Faculty with Designation	Dr. A. S. Aswar, Professor & Head Dr. Rajendra Prasad, Associate Professor Ku. J.M. Barabde, Assistant Professor Ku. M. M. Kodape, Assistant Professor		
Total Fees in Rs.	<b>Full Fees</b>	<b>GOI</b>	<b>PTC/EBC</b>
Host Univ. Students	3732	732	2932
Other University (Within State)	9932	932	----
Other University (Out of State)	9987	----	----
Foreign Students & NRI	\$800	----	----

### Highlights

- Many of the students (55) qualified national level test such as NET/SET/GATE.
- 43 candidates have been awarded PhD Degree.
- Department is well equipped with instrumentation facility.
- Several students are working in various chemical and Pharma industries and research institutes.
- Highly qualified faculty members and many of them have been honored with international and national fellowship.
- Faculty members are actively involved in research and guiding students for their Ph.D. degree in various branches of chemistry.
- Faculty members have published their research work in different national and international peer reviewed journals.
- Regular merit position in the university examination.
- Co-curricular and Extra-curricular activities for individual development.
- Faculty members also contributing to various academic activities at state and national levels.
- Research Projects completed : 04
- PG Students are encouraged by giving special coaching for NET / SET/ GATE
- Research skills development through practical training.
- Department organized Conferences/ Seminars / Workshops in the area of chemical sciences.
- WI-FI Facility with access to scientific journals.
- The teaching is imparted through latest audio-visual aids, software for classroom and laboratories.
- Special attention towards academically poor students through Remedial Coaching.

## Department of Geology



Code	509				
Department	Geology				
Courses run / programmes	M.Sc., Ph.D., P.G. Diploma in Watershed Technology and Management (PGDWTM)				
Intake	Course	Host Univ.	Other Univ.	F/NRI	Total
	M.Sc	14	04	02	20
	PGDWTM	14	04	02	20

	Ph. D				16
Eligibility	<b>M.Sc.:</b> Geology at graduate (B.Sc.) level <b>PGDWTM:</b> M.Sc. Geology/Earth System Science/Geoinformatics/Remote Sensing and GIS/Geography/ Environmental Sciences/ Agricultural Sciences; M.Sc. (Tech.) Geophysics/Applied Geology; B. Tech/B.E. Remote Sensing/Civil Engineering/Water Resources/ Agricultural Sciences; M.A. Geography.				
Specialization/Elective if any	Advanced Remote Sensing in geosciences				
Head and faculty with Designation	<b>Dr. S.F.R. Khadri, Professor &amp; Head</b> Dr. A.K. Srivastava, Professor Dr. Y. K. Mawale, Associate Professor Shri P.S. Tidke, Assistant Professor				
Total Fees in Rs. Host Uni. Students	<b>Course</b>	<b>Full Fees</b>	<b>GOI</b>	<b>PTC/EBC</b>	
	M.Sc.	3732	732	2932	
	PGDWTM	4941	941	Nil	
Other Universities Within State	<b>Course</b>	<b>Full Fees</b>	<b>GOI</b>	<b>PTC/EBC</b>	
	M.Sc.	9932	932	Nil	
	PGDWTM	13111	1111	Nil	
Other Universities Out of State	<b>Course</b>	<b>Full Fees</b>	<b>GOI</b>	<b>PTC/EBC</b>	
	M.Sc.	9987	Nil	Nil	
	PGDWTM	13156	Nil	Nil	
Foreign Students and NRI	M.Sc.	\$800			

### Highlights

- UGC sanctioned grant of Rs. 42.84 Lakhs (one Reader post) for P.G. Diploma in Watershed Technology and Management under the Innovative Programme and the Maharashtra Government has given concurrence to the teaching post.
- Nine Major Research Projects sanctioned by DST, UGC, ICAR, CSIR and three Minor Research projects by UGC were successfully completed and one major research project of UGC under Dr. A.K. Srivastava is in progress.
- Dr. S.F.R. Khadri was awarded "Utkrushtha Seva Gaurav Puraskar" by the Amravati University.
- Collaborative International Research Programmes of Dr. Khadri with Institute of Physique De Globe De Paris, France, Museum Natural D'Histoire Naturelle, Paris and Royal Holloway University of London, UK; University of Ulster, Northern Ireland, UK; Princeton University, USA; Massachusetts Institute of Technology, Cambridge, USA are in good progress.

- Palaeomagnetic Laboratory in collaboration with IIT, Mumbai and TIFR, Mumbai is established at the Department
- Ph.D. awarded: 14, NET/SET passed students – 05
- Infrastructure facility includes palaeomagnetic, petro-chemical, sedimentological, hydrological, remote sensing and GIS labs including AAS, Carl-Zeiss Polarizing Microscope, Molspin Spinner Magnetometer, ore microscopy, Sartorius water purification system.
- Dr. Khadri was invited as “**Invited Researcher**” to carry out post doctoral research work at Palaeomagnetic Laboratory, IPGP, University of Paris, France for 2 months in 2007. In addition, Dr. Khadri has successfully completed British Council Fellowship for undergoing advanced training in analytical Geochemistry using ICP and AAS techniques at King’s College, University of London, UK; Commonwealth Academic Staff Fellowship for Postdoctoral research for one year at Royal Holloway University of London, UK and another Postdoctoral Fellowship at Royal Holloway University of London, UK.
- Dr. S.F.R. Khadri, Professor and Head, Department of Geology, Sant Gadge Baba Amravati University, Amravati under the international research collaboration with Professor Gerta Keller and Dr. Blair Schoene from the Department of Geosciences at Princeton University, USA, Professor Samuel Bowring from Massachusetts Institute of Technology, USA and Professor Thierry Adatte from Lausanne University, Switzerland has recently published their research findings in the International journal “**Science**” with **five year Impact factor of 34.40** on 9 January 2015: Vol. 347 no. 6218 pp. 182-184, along with 33 pages additional supplementary material published by Science, DOI:10.1126/science.aaa0118. This research was funded in part by the National Science Foundation, USA.
- Excellent employment opportunities are available for M.Sc. Geology and P.G. Diploma in Watershed Technology and Management courses offered by the department as many students are getting regular employment in GSI, CGWB, AMD, ONGC, MECL, GSDA, Various Multinational Companies. In addition, the department regularly organizes Campus Interviews with multinational companies such as Ochre drillers, Thane, Renuka Engineers, Thane and Aditi Info Tech, Nagpur etc. where most of the students get employment.

**Department of Botany**



Code	510			
Department	Botany			
Courses run /Programs	M.Sc.(CBCS); Ph.D.			
Intake for M.Sc.	<b>Host Univ</b>	<b>Other Univ</b>	<b>F/NRI</b>	<b>Total</b>
	21	06	03	30

Eligibility for M.Sc.	Subject Botany at Graduate Level		
Specialization/Elective if any	1. Plant Tissue Culture 2. Bio-informatics 3. Reproductive biology of Angiosperms		
Head & Faculty	Dr. S.R.Manik, Professor & Head. Dr. Mrs.V.N.Nathar, Associate Professor (CAS). Dr. P.A. Gawande, Assistant Professor. Mr. K. C. More, Assistant Professor.		
Total Fees in Rs.	Full Fees	GOI	PTC/EBC
Host Univ. Students	3732	732	2932
Other University (Within State)	9932	932	----
Other University (Out of State)	9987	----	----
Foreign Students &NRI	\$800	----	----

### HIGHLIGHTS:

- ❖ NET Qualified: 07
- ❖ Ph.D. Awarded: 40
- ❖ Three Major and Two minor research projects completed. Three major research projects submitted to UGC and DST.
- ❖ Conferences organized by the Department
  - National Conference on “Modern Trends in Plant Sciences with special reference to the role of Biodiversity in Conservation” from 17<sup>th</sup> to 20<sup>th</sup> February, 2005.
  - National Conference organized in collaboration with Shri Shivaji Science College, Amravati on “Mycodiversity with its sustainable Exploration and Biotechnological applications and 38<sup>th</sup>Annual meeting of MSI India” during February 6-7<sup>th</sup>, 2012.
  - One Day Seminar on “Eco Diversity and Its Management” on 29<sup>th</sup> February, 2012.
  - An international Conference in collaboration with IAAT on “Innovative Prospects in Angiosperm Taxonomy” during 28<sup>th</sup> to 30<sup>th</sup> October 2012
- ❖ Dr.J.A.Tidke was awarded postdoctoral research fellowship by Haifa University, Israel.
- ❖ Birbal-Savitri Sahni Citation award to Department (2005).
- ❖ Birbal-Savitri Sahni Silver Medal to Dr.S.R.Manik (2005).
- ❖ Ms. Chetana Ugale received Shri T.G.Kawalkar scholarship for 2011-2013; Ku. Tina Landage received same during 2014-16.

### ACHIEVEMENTS:

- Professor Manik S. R. Fellow of Indian Association for Angiosperm Taxonomy in 2013.
- 38<sup>th</sup> Annual Meeting of Mycological Society of India and National Conference on “Mycodiversity with its sustainable and Biotechnological applications was organized with Departmental of Botany, Shri Shivaji Science College, Amravati in 2012.
- In the Year 2012-13 two students qualified NET, SET and GATE and one in 2014-15.
- There are 21 Research Students working in the Department in field of Aerobiology, Palynology, Ethnobotany, Plant Tissue Culture, Biotechnology, Molecular Biology and Cytotaxonomy.
- Department has three specialization Plant Tissue Culture, Bioinformatics and Reproductive Biology of Angiosperms. M.Sc. II have to submit dissertation work.
- Research student Ms. C.V. Ugale had won 1<sup>st</sup> Prize in Anveshan, Bhuvaneshwar.
- UGC Fellowship awarded to Mr.V.R.Narkhedkar, Research Scholar.

## Department of Zoology



Code	511			
Department	Zoology			
Courser run/Programs	M.Sc. ; Ph.D.			
Intake for M.Sc.	<b>Host Univ.</b>	<b>Other Univ.</b>	<b>F / NRI</b>	<b>Total</b>
	21	06	03	30
Eligibility for M.Sc.	Zoology at Graduate Level			
Specialization / Elective Papers	Molecular Biology			
Head & Faculty with Designation	Dr. Mrs.C.K.Deshmukh , Associate Professor & Head			
	Dr. Mrs.H. P. Nandurkar , Associate Professor			
	Mr. V. K. Nagale, Assitant professor			

Total Fees in Rs.	Full Fees	GOI	PTC / EBC
Host Univ. Students	3732	732	2932
Other University (within State)	9932	932	--
Other Univ. (out of State)	9987	--	--
Foreign students & NRI	\$800	--	--

**Highlights** : Molecular Biology Specialization

- Diversity: Beetles , Mosquitoes
- Entomology
- Systematic Zoology
- Archnology
- Molecular Biology
- Physiology
- Aquaculture
- Cytogenetics

**Ph.D. Awarded ; 38**

**Projects :**

- Investigate the effects of homeopathic drug: Acid phos on male albino rat
- Culicid biodiversity in mosquito borne diseased prevalent Amravati district of Maharashtra
- Development and Study of the cladding modified fiber optics intrinsic biosensors
- Department conducts workshops / Training courses on modern techniques in Molecular Biology & Systematic Zoology .
- Archnology laboratory is recognized by DST & FICCI , New Delhi for C. V. Raman Scholarship for African Countries.

## Department of Sociology



Code	512			
Department	Sociology			
Courses run / Programs	M.A. ; Ph.D.			
Intake at Entry level for M.A.	Host Univ.	Other Univ.	F/NRE	Total
	42	12	06	60
Eligibility for M.A.	Any Graduate			
Specialization / Elective if any	<b>M.A. -I</b> 1.Classical Sociological Tradition			

	2.Methodology of Social Research 3.Perspectives on Indian Society 4.Rural and Urban Society in India 5.Sociology of Religion 6.Social movements in India <b>M.A.-II</b> 1.Theoretical perspectives in Sociology 2.Sociology of change and development 3.Industry and society in India 4.Political Sociology 5.Criminology 6.Gender and Society 7.Dissertation		
Head & Faculty with Designation	Dr. K.B.Nayak, Associate Professor & Head Dr. K.U.Raut, Assistant Professor		
Total Fees in Rs.	<b>Full Fees</b>	<b>GOI</b>	
Host Univ. Students	1732.00	732.00	
Other University (Within State)	2832.00	832.00	---
Other University (Out of State)	2832.00	---	---
Foreign Students & NRI	\$600	---	---

### Highlights

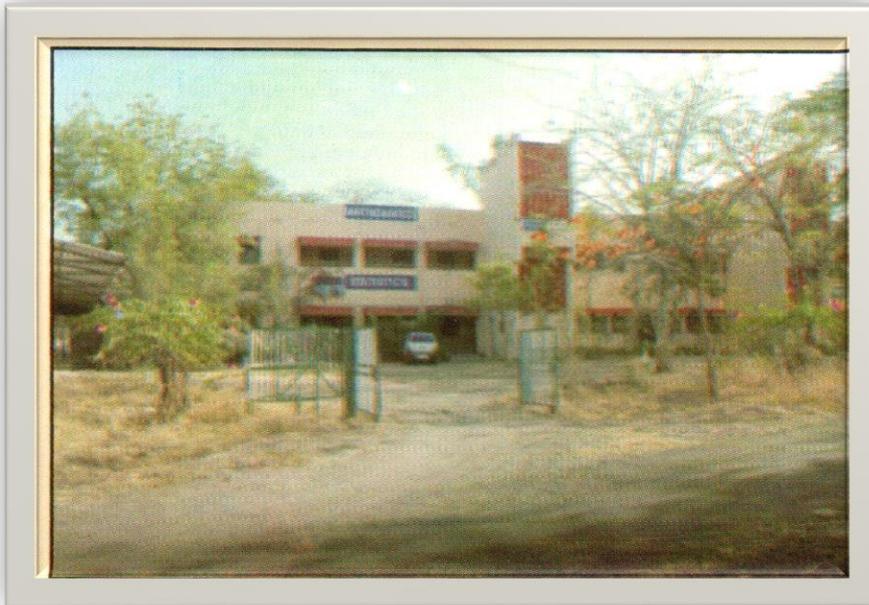
Research areas:

- Rural and urban society in India.
- Sociology of change & development.
- Sociology of marginalized communities
- Industry and Society in India.

Ongoing projects: Two Major Research Projects funded by UGC. (2009-09 & 2009-12)

- Organized "Marathi Samajshastra Parishad" during 2006-07,2007-08.
- Faculties involved in co-ordinating Dr. Ambedkar Studies Centre and Buddhist Studies Centre (Upto March 2015)
- Students qualified in NET/ SET-24
- Department conducted Workshops / Seminars.
- Students in Merit List 2006-07: 02, 2007-08: 02, 2008-09: 01, 2011-12 : 01, 2012-13 : 01, 2013-14 : 01, 2014-15 : 01

## Department of Statistics



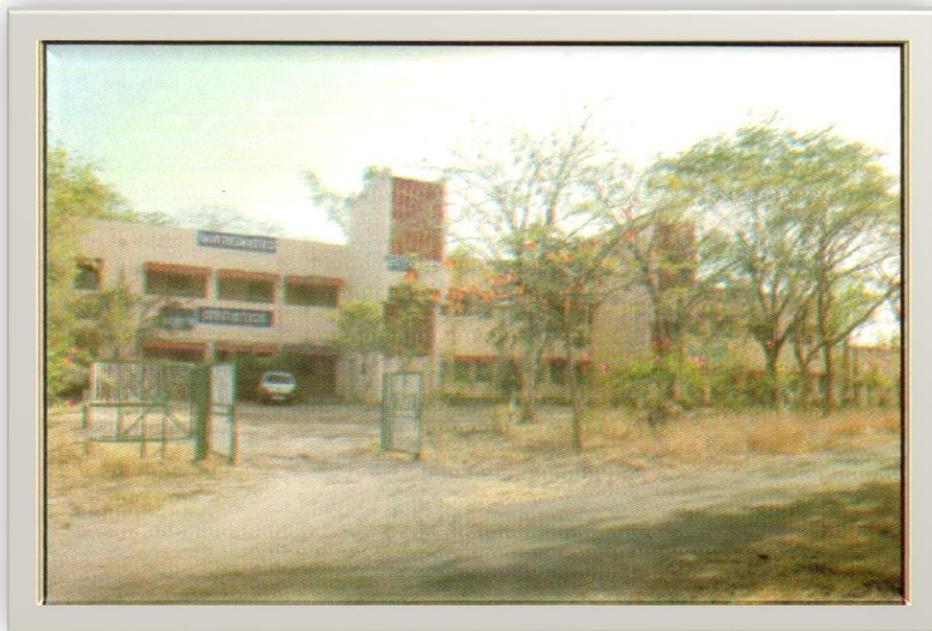
Code	513			
<b>Department</b>	<b>Statistics</b>			
Courses run / Programs	M. Sc.; Ph.D.			
Intake at Entry level for M.Sc.	Host Univ.	Oth. Univ.	F/NRI	Total
	14	04	02	20
Eligibility for M.Sc.	B.A./ B.Sc. / B.C.S. with Statistics or Mathematics.			

Specialization / Elective if any	<b>Semester III</b> i) Industrial Process & Quality Control ii) Bioassay <b>Semester IV</b> i) Survival Analysis & Reliability Theory ii) Statistical Genetics & Bioinformatics iii) Project		
Head & Faculty with Designation	Dr. R. Singh, Professor & Head		
Total Fees in Rs.	<b>Full Fees</b>	<b>GOI</b>	
Host Univ. Students	2132.00	732.00	
Other University (Within State)	3932.00	932.00	---
Other University (Out of State)	3932.00	---	---
Foreign Students & NRI	\$600	---	---

### Highlights

- M.Sc. Course in CBCS Pattern
- Students can choose some additional credits from other departments.
- Research areas : Software reliability, Operations Research, Bayesian analysis.
- Conducted Workshop on SPSS & Quality Management.
- Three Major Research Projects Completed
- Ph.D. Awarded students -04, M.Phil : 10
- Ms. Arshi Khan won 2 Prize of Rs. 10.000/-for on the spot essay competition organized by Ministry of Statistics and Programme implementation, Govt. of India, New Delhi.
- Consultancy to researchers and others on nominal charges: Data collection, analysis and interpretation.

## Department of Mathematics



Code	514			
Department	Mathematics			
Courses run / Programs	M.Sc.; Ph.D.			
Intake at Entry level for M.Sc.	<b>Host Univ.</b>	<b>Oth. Univ.</b>	<b>F/NRI</b>	<b>Total</b>
	<b>21</b>	<b>06</b>	<b>03</b>	<b>30</b>

Eligibility for M.Sc.	B.A. or B.Sc. with Mathematics / B.C.S. with Mathematics & Statistics		
Specialization/ Elective if any	1. Differential Geometry, Riemannian Geometry 2. Fluid Dynamics, 3. General Relativity & Cosmology 4. Operations Research		
Head & Faculty with Designation	Dr. K.S. Adhav, Professor & Head Dr. S.D. Katore, Associate Professor		
Total Fees in Rs.	<b>Full Fees</b>	<b>GOI</b>	
Host Univ. Students	<b>1735.00</b>	<b>735</b>	
Other University (Within State)	<b>2932.00</b>	<b>932.00</b>	----
Other University (Out of State)	<b>2932.00</b>	----	----
Foreign Students &NRI	<b>\$600</b>	----	----

### Highlights

- Research areas: Theories of Relativity, Gravitation, Cosmology, Number Theory & Algebra.
- Organized an International Conference on "Relativity" in 2005, which was the first in the world during centenary celebration year of Relativity.
- Prof. K. S. Adhav was honoured with "Utkrushtha Seva Gaurava Puraskar".
- Prof. K.S. Adhav was honoured with "Adarsha Shikshak Puraskar" 2012-13 by Govt. of Maharashtra on 16<sup>th</sup> Dec. 2013
- Sh. Yogesh Landge awarded Gold Medal for highest marks in the department in 2012-13
- Ku. Rashmi J. Baxi inspire fellowship sponsored by Department of Science and Technology (DST) 2014-14
- Ku. Purva Shadi stood 1st Merit in SGB Amravati University and Awarded Gold Medal for obtaining marks in the Department in 2013-14.
- D.Sc. has been conferred upon Prof. K.S. Adhav on 30-10-2014

SET qualified students	04
Ph.D. awarded	24

## Department of Microbiology



Code	516			
Department	Microbiology			
Courses run / Programs	M. Sc.; Ph.D.			
Intake for M.Sc.	<b>Host Univ.</b>	<b>Oth. Univ.</b>	<b>F/NRI</b>	<b>Total</b>
	21	06	03	30
Eligibility for M.Sc.	Microbiology and Chemistry at Graduate Level			

Specialization/ Elective if any	No Specialization		
Head & Faculty	Dr. D.H.Tambekar, Professor & Head Dr. N. V. Phirke, Associate Professor Dr. K. D. Kamble, Associate Professor Dr. Niraj Ghanwate, Assistant Professor		
Total Fees in Rs.	Full Fees	GOI	PTC/EBC
Host Univ. Students	3732.00	732.00	2932
Other University (Within State)	9932.00	932.00	----
Other University (Out of State)	9932.00	----	----
Foreign Students & NRI	\$800	----	----

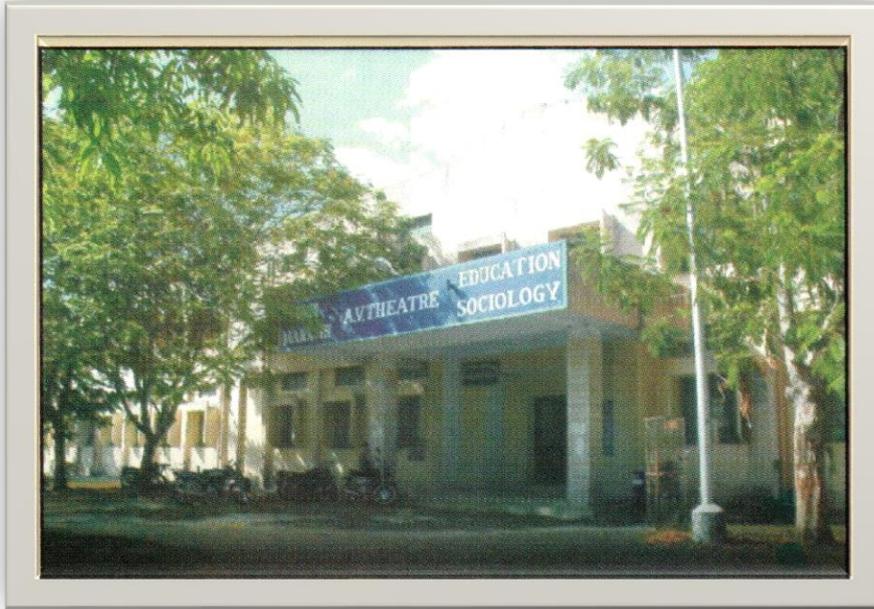
### Highlights

#### Research Areas

1. Bio-fertilizers
2. Water Pollution.
3. Soil Microbiology
4. Clinical Microbiology
5. Ph.D. Awarded -26

- Organized national Workshop on Municipal Solid Waste Management.
- The pass outs of the department are absorbed in various National & International companies.
- The Ph.D. Students are appointed as Lecturers in various Colleges in SGB Amravati University, RTM Nagpur University, etc.

## Department of Marathi



Code	517			
Department	<b>Marathi</b>			
Courses run/ Programs	M.A., Ph.D.			
Intake at Entry Level for <b>M.A.</b>	<b>Home Univ.</b>	<b>Other Univ.</b>	<b>F/NRI</b>	<b>Total</b>
	<b>56</b>	<b>16</b>	<b>08</b>	<b>80</b>
Eligibility for M.A.	B.A. with Marathi			
Specialization/Elective if	<b>M.A. I</b>			

any	Paper I	1. Prachin Arvachin Gadya <i>or</i> 2. 1960 Nantarchya Marathi Sahityatil Pravah <i>or</i> 3. Marathi Vangmayachi Sanskrutik Parshavabhoomi. (Prarambha te 1960)	Optional Papers
	Paper II	Arvachin Kavita	Compulsory
	Paper III	Vishesh Vangmaya Prakar : 1. Kadambari <i>or</i> 2. Natak <i>or</i> 3. Loksahitya	Optional Papers
	Paper IV	Sahityashastra	Compulsory
	<b>M.A. II</b>		
	Paper I	Prachin Kavita	Compulsory
	Paper II	Vishesh Granthakar : 1. Sant Tukaram <i>or</i> 2. Bhalachandra Nemade <i>or</i> 3. Uddhav Shelke	Optional Papers
	Paper III	Marathicha Bhashavaidnyanik Abhyas Va Vyakran	Compulsory Papers
	Paper IV	1. Marathi Vangmayacha Itihas (1960 te 2005) <i>or</i> 2. Bhashantarit Sahityacha Abhyas <i>or</i> 3. Dissertation ( For B <sup>+</sup> students)	Optional Papers
	Head & Faculty with Designation	Dr. Manoj Tayade	
Dr. Mona Chimote		Associate Professor	
Dr. Madhav Putwad		Associate Professor	
Dr. Hemant Khadke		Associate Professor	
Dr. Pranav Kolte		Assistant Professor	
Total Fees in Rs.	<b>Full Fees</b>	<b>GOI</b>	<b>PTC/EBC</b>
Host Univ. Students	<b>1672.25</b>	<b>672.25</b>	<b>872.25</b>
Other Univ. Students (Within State)	<b>2767.25</b>	<b>767.25</b>	---
Other Univ. Students(Out of State)	<b>2807.25</b>	---	---
Foreign Students & NRI	<b>\$600</b>	---	---

## Highlights

- UGC - Major Research Project : 05 completed.
  - Research Project funded by other agency : Maharashtra Rajya Sahitya Sanskuti Mandal's Major Research Project completed by Dr. Manoj Tayade.
  - Research Award : 01
  - SET/NET qualified : 09 students
  - Students in Merit List Summer 2013 Exam : 01 (First Merit)
- Total Merit students (1997-2014) : 15

## Department of Hindi



Code	518			
Department	Hindi			
Courses run / Programs	M.A. (Translation Hindi); Ph.D.			
Intake at Entry level for M.A.	Host Univ.	Other Univ.	F/NRI	Total

	21	06	03	30
Eligibility for M.A.	Bachelor of Arts with Hindi or without Hindi			
Specialization / Elective if any				
Head & Faculty with Designation	Dr. S.M. Bundele, Professor & Head			
Total Fees in Rs.	<b>Full Fees</b>	<b>GOI</b>		
Host Univ. Students	1732.00	732.00		
Other University (Within State)	2832.00	832.00	----	
Other University (Out of State)	2832.00	----	----	
Foreign Students & NRI	\$600			

### Highlights

1. UGC Major Project - 02                      Minor Project -1
2. 70 Students have got jobs in central governments Departments as a translator, Rajbhasha officers & lecturers .
3. Rajbhasha Prashikshan kendra is run by the department at local and rural areas
4. A national Seminar on ‘prayojanmulak Hindi Aur Anuwad’ Was organized from 25 -26 Nov ., 2005
5. A national Seminar Programme has organized by the Dept in the eve of silver jubilee programme on topic ‘Ramdhari Singh Dinkar ke kavya men Abhivyakta Samajik-rastriya chetana’ on date 24/25 2008
6. Translation workshop on date 23/24 feb.2009 on topic ‘Marathi se Hindi Anuwad ki samsyaye’
7. Ph.d.Awarded: 29
8. Prof. S.M.Bundele was honoured with ‘Utkrushtha Seva Gaurava Puraskar’
9. SET/NET Passed Students - 14 total
10. Prof. S.M.Bundele was honoured with ‘Swaraj prasad trivedi hindi sevi sarswati samman’ purskar on dated 28/5/2015 at mauritius
11. Two TRDEA units - 1) ‘Rajbhasha Prashikshan kendra’ 2) ‘Rashtrabhasha Prachar kendra’ are established in the department
12. Seventeen Books of Prof. S.M. Bundele have published out of them eight books are as reference books in curricula of B.A. & M.A. level of SGB Amravati University, Amravati.
13. The departments run NET/SET guidance classes regularly.
14. Experienced faculties are available in the department.

15. We arranged Lecture Series of renowned person in the session.

### Department of Education (M.Ed.)



Code	519
Department	Education
Courses run / Programs	M.Ed., Ph.D.
Eligibility for M.Ed.	B.Ed. + CET (Directorate of Higher Education, Pune)
Specialization / Elective if any	<ul style="list-style-type: none"><li>• Elementary &amp; Secondary Education</li><li>• Curriculum, Pedagogy &amp; Assessment</li><li>• Educational Policy, Economics &amp; Planning</li></ul>

	<ul style="list-style-type: none"> <li>• Administration, Management &amp; Leadership</li> <li>• Inclusive Education</li> <li>• Guidance &amp; Counseling</li> <li>• Advance Trends in Education</li> </ul>
Head & Faculty with Designation	Dr. G. L. Gulhane, Head
<b>Total Fees in Rs.</b>	<b>Full Fees</b> <b>GOI</b> <b>PTC/ EBC</b>
Host Univ. Students	7127.00      1127.00      ---
Other University (Within State)	13382.00      ---      ---
Other University (Outside State)	14697.00      ---      ---
Foreign Students & NRI	---      ---      ---

SR. NO.	UNIVERSITY	%	OPEN	OBC	SC	ST	VJ/DT	NT - B + NT-D	NT-C	TOTAL
			50%	19%	13%	7%	3%	4.5%	3.5%	
01	Host University	70%	12	04	03	02	01	01	01	24
02	Other University (Within Maharashtra)	28%	05	02	01	01	01			10
03	Other University (Outside Maharashtra)	2%	01	Nil	Nil	Nil	Nil	Nil	Nil	01
<b>Total Seats</b>										<b>35</b>

## Highlights

### Research Areas

1. Teacher Education
2. Value Education
3. Administration & Planning of Education
4. Tribal Education
5. Population Education

### Achievement

- Students Awarded Ph.D.      -      40
- Students Awarded M.Phil.      -      79
- Students Qualified NET      -      32
- Students Qualified SET      -      43
- Research Projects Completed      -      04
- No. of Research Paper Published      -      38
- No. Books Published      -      05

## Department of Biotechnology



Code	520			
Department	Biotechnology			
Courses run /Programs	M.Sc.; Ph.D.			
Intake at Entry Level for M.Sc.	<b>Home Univ.</b>	<b>Other Univ.</b>	<b>F/NRI</b>	<b>Total</b>
	14	04	02	20

Eligibility for M.Sc.	i)	B.Sc. in any discipline of Life Sciences, Biosciences or Bachelor's Degree in Agricultural, Veterinary and Fishery Sciences, Pharmacy or Bachelor of Medicine & 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 students should have minimum 50% marks as aggregate in the degree course.	
	iii)	The students will have to pass entrance examination for admission in M.Sc. Sem-I (Biotechnology) as per the Sant Gadge Baba Amravati University rules.	
Specialization/Elective if any	Bioenergetics, Drug Discovery, Phytosecondary Metabolites, Molecular Markers in Genome Analysis.		
Head & Faculty with Designation	Dr. M.K.Rai, Professor Dr. P.A.Wadegaonkar, Associate Professor Dr. Mrs. A.S.Patil, Associate Professor Dr. P.V.Thakare, Associate Professor Sh. S.D.Kove, Assistant Professor Sh. A.K.Gade, Assistant Professor Mrs. V P Wadegaonkar, Assistant Professor		
Total Fees in Rs.	<b>Full Fees</b>	<b>GOI</b>	
Host Univ. Students	<b>7732.00</b>	<b>732.00</b>	
Other University (Within State)	<b>21932.00</b>	<b>932.00</b>	----
Other University (Out of State)	<b>21932.00</b>	----	----
Foreign Students &NRI	<b>\$1200</b>	----	----

### Highlights

- DST-FIST sponsored Department
- UGC-SAP (DRS-I) sponsored Department
- Bioinformatics Infrastructure facility-DBT sponsored
- **Research Areas** : Microbial Biotechnology; Plant Biotechnology; Molecular Biology; Nano-Biotechnology, Bioinformatics
- **Major Research Projects Sponsored** by DST/ UGC / DRDO / Rajiv Gandhi S & T Maharashtra, MoEn
- **Research Fellowships** – CSIR-NET-JRF, DST INSPIRE Research fellowships, UGC-BSR Research Fellowships.
- **Placements** in major industries like Reliance Life Sciences, Serum Institute, Wockhardt, E-Biologicals, Merck, Genetics, USV, Mahyco, Beejo Seeds, Ge Healthcare, Thyocare Technologies etc.
- Pass outs of the department are doing research CSIR, ICMR, ICAR, DBT institutes as well as in Geneva, USA, Australia, Korea, etc.

## Department of Chemical Technology



Code	521
Department	Chemical Technology
Courses run /Programs	B. Tech.; M.Tech.; Ph.D.
Intake at Entry level for M.Tech.	10
Eligibility for M.Tech.	Degree in Chemical Engineering or Chemical Technology
Specialization /Elective if any	Membrane & Separation Technology

Head & Faculty with Designation	Dr. V.S. Sapkal, Professor & Head Dr. R.S. Sapkal, Professor Dr. P. A. Pawar, Associate Professor Dr. G.M. Hend, Assistant Professor Dr. N.B. Selukar, Assistant Professor Shri P.K. Wankhade, Assistant Professor Dr. A.B. Naik, Assistant Professor Shri S.S. Sen, Assistant Professor Dr. P.B. Shingwekar, Assistant Professor Shri A. L. Rathod, Assistant Professor Shri M.B. Kambhare, Assistant Professor		
Total Fees in Rs.	Full Fees	GOI	PTC/EBC
Host Univ Students	19141.25	4141.25	18241.25
Other University (Within State)			
Other University (Out of State)			
Foreign Students & NRI			

**Highlights: -**

Funding from UGC, DST, MNES, MFPI, AICTE schemes. Ph.D. Awarded -05

- Research Areas : Membrane Technology, Oil & Paint, Petrochemical, Food and Paper & Pulp
- Department was awarded with "A" Grade by Director of Technical Education, Govt. of Maharashtra in 2000 & 2003.
- Established Renewable Energy Park.
- Linkage with Industries for training & placement.
- DST-FIST sponsored Department.
- Dr. V. S. Sapkal awarded Utkrushta Seva Gaurav Puraskar by University.
- International exposure to the faculty.
- UGC-SAP sponsored Department
- MRP by UGC
- MODRUB by AICTE
- Innovative programme by UGC

## Department of Law



### **Mission Statement**

‘Democratizing legal education, enriching law for social sustainability’

### **Aims of the Department**

- To impart the quality education coupled with skill to help them sustain in competitive environment
- To spread legal awareness through educational activities
- To provide clinical services to needy people
- To inculcate value based professional education

- To bridge the educational need of learner and social necessity of sustainability and progress
- To promote multidimensional aspect by way of research
- To improve socio-legal aspect

<b>Code</b>	<b>522</b>				
<b>Department</b>	<b>Law</b>				
<b>Courses run/Programs</b>	<ul style="list-style-type: none"> <li>• <b>Post Graduate Teaching Department of Law (LL.M.)</b></li> <li>• <b>P.G. Diploma in Human Rights Education (Ad-on Course)</b></li> </ul>				
<b>Intake at entry</b>	<b>Specialization</b>	<b>Host Uni</b>	<b>Other Uni</b>	<b>F/NRI</b>	<b>Total Intake</b>
	Constitution & Administrative Law	18	5	2	25
	Criminal Law	18	5	2	25
	Business Law	18	5	2	25
	P.G. Diploma in Human Rights Education				25
<b>Eligibility</b>	<ol style="list-style-type: none"> <li>1. For LL.M. - Law at Graduate Level or equivalent.</li> <li>2. P.G. Diploma in Human Rights Education- any Graduate or equivalent.</li> </ol>				
<b>Specialization/Elective any</b>	<ul style="list-style-type: none"> <li>• Criminal Law</li> <li>• Constitution &amp; Administrative Law</li> <li>• Business Law</li> </ul>				
<b>Head and faculty with designation</b>	<ul style="list-style-type: none"> <li>• <b>Dr. Vijaykumar S.Chowbe, Professor and Head</b></li> <li>• <b>Dr. Kalpana V. Jawale, Assistant Professor</b></li> </ul>				
<b>Total fees in Rs. For LL.M.</b>	<b>Full Fees</b>	<b>GOI</b>		<b>PTC/EBC</b>	
<b>Host Uni. Students</b>	<b>4241=00</b>	<b>1241=00</b>		<b>3441=00</b>	
<b>Other University (within State)</b>	<b>11,241=00</b>	<b>1331=00</b>		-----	
<b>Other Uni. (Out of State)</b>	<b>11,281=00</b>	-----		-----	
<b>Foreign Students &amp;NRI</b>	<b>\$900</b>				
<b>P.G. Diploma in Human Rights Education</b>	<b>4000/-</b>	-----		-----	

• Total Alumni	274.
• Total NET passed students SET NET (JRF)- 02	32

• Placement as Lecturer	20
• Total JMFC [Judicial Magistrate First Class] –	23
• Gold Medalist in LL.M.	11
• Silver Medalist in LL.M.	04
• Total Ph.D. holder from department	08

## Department of English

<b>Code</b>	<b>524</b>			
Department	English			
Courses run/Programs	M.A. (English)			
Intake at Entry Level for M.A.	<b>Home Univ.</b>	<b>Other Univ.</b>	<b>F/NRI</b>	<b>Total</b>
	<b>28</b>	<b>08</b>	<b>04</b>	<b>40</b>
Eligibility for M.A.	B.A.			
Specialization / Elective if any	<b>M.A. I</b>			
	i) Paper I :- (1550-1660) ii) Paper II :- (1660-1768) iii) Paper III :- (1798-1914) iv) Paper IV :- (1914-2000)			
	<b>M.A. II</b>			
	i) Paper I :- A study of a genre: Drama; ii) Paper II :- Critical Theory iii) Paper III :- A American Literature iv) Paper IV :- Indian writing in English			
Head & Faculty with Designation	Dr. S.P. Joshi, Asst. Professor & Head			
Total Fees in Rs.	<b>Full Fees</b>	<b>GOI</b>		
Host Univ. Students	1732.00	732.000		

Other University (within state)	2832.00	832.00	
Other University (Out of state)	2832.00	-----	-----
Foreign students & NRI	\$600	-----	-----

## DEPARTMENT OF BUSINESS ADMINISTRATION & MANAGEMENT



<b>Code</b>	<b>503</b>
Department	Business Administration and Management
Courses run/Programs	M.B.A.
Intake at Entry Level for M.A.	<b>60</b>
Admission Criteria	The students are admitted through Common Admission Programme (CAP) conducted by Directorate of Technical Education (DTE),

	Maharashtra State, Mumbai.
Faculty with Designation	Dr. S. B. Sadar, Professor & Head Dr. D. Y. Chacharkar, Associate Professor Dr. S. N. Gaikwad, Assistant Professor