

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE

Official Publication of Sant Gadge Baba Amravati University



PART - ONE

Thursday, the 28th August, 2014

DIRECTION

No. 22 / 2014

Dated :- 27/08/2014

Subject :- Corrigendum to Direction No. 31 of 2010 in respect of the Examinations leading to the Degree of अभियांत्रिकी पारंगत (Master of Engineering) (Full Time) तंत्रशास्त्र पारंगत (Master of Technology) (Semester Pattern . . . Credit Grade System)

Whereas, the Direction No.31/2010 in respect of the examinations leading to the degree of अभियांत्रिकी पारंगत (Master of Engineering) (Full Time) तंत्रशास्त्र पारंगत (Master of Technology) (Full Time) (Semester Pattern - - -Credit Grade System) is in existence in the University,

AND

Whereas, the schemes of teaching and examinations for various branches of Two Year Post Graduate Degree Course in Master of Engineering (Full Time) in the Faculty of Engineering & Technology have been provided vide appendices A B,C,D,E,F,G,H & I appended with Direction No. 31 of 2010,

AND

Whereas, the provision for the admission and other details to the Degree of Master of Engineering (Full Time) are prescribed in the Direction No. 31 of 2010,

AND

Whereas, the Direction Nos. 30/2012 and 32/2012 which were issued as Corrigendum to Direction No. 31 of 2010 for revised schemes of teaching & examinations of M.E. Civil (Structural Engineering) (Full Time), M.E. Civil (Transportation Engg.), M.E. Mechanical (Thermal Engg.), M.E. Mechanical (Adv.Manufacturing & Mechanical Systems Design) and M.E.(Computer Science & Information Technology) are in existence,

AND

Whereas, College of Engineering, Ghatkhed, Mardi Road, Amravati has obtained approval from the Government for starting new course i.e. M.E. Civil (Geotechnical Engineering) (Full Time) (C.G.S.) from the current academic session 2014-2015,

AND

Whereas, Sant Gadge Baba Amravati University has granted first time affiliation for the above mentioned course to College of Engineering, Ghatkhed, Mardi Road, Amravati from the session 2014-2015,

AND

Whereas, the Board of Studies in Civil Engineering (Incl. Construction Technology) in its meeting held on 17th July & 5th August, 2014 has resolved to accept and recommend to the Faculty and Academic Council the scheme of teaching & examination, draft syllabus along with Eligibility Criteria for its implementation from the current academic session 2014-2015 and onwards,

AND

Whereas, Hon'ble Vice Chancellor has accepted the Scheme of teaching & examination alongwith Eligibility Criteria of the above mentioned course under Section 14 (7) of the Maharashtra Universities Act, 1994 on behalf of the Faculty of Engineering & Technology and Academic Council,

AND

Whereas, the Schemes of teaching & examination alongwith Eligibility Criteria for admission to the above mentioned course are to be implemented from the session 2014-2015 in phase wise manner,

AND

Whereas, admissions to First Year of Master of Engineering (Full Time) course are to be made in the academic session 2014-2015,

AND

Whereas, the schemes of examination for the said course in the Faculty of Engineering & Technology are required to be regulated by the Regulation,

AND

Whereas, the process of making amendments in an Ordinance and the regulation is likely to take some time,

AND

Whereas, the syllabi along with the schemes of examinations of the above mentioned course for Semester I & II is to be made available for the students admitting during the session 2014-15.

Now, therefore, I, Dr. Mohan K. Khedkar, Vice-Chancellor of Sant Gadge Baba Amravati University, Amravati 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 shall be called "Corrigendum to Direction No. 31 of 2010 in respect of examinations leading to the Degree of अभियांत्रिकी पारंगत (Master of Engineering) (Full Time) तंत्रशास्त्र पारंगत (Master of Technology) (Full Time) (Semester Pattern . . . Credit Grade System)".
- 2) This Direction shall come into force with effect from the session,
 - i) 2014-2015 for Semester – I & II and
 - ii) 2015-2016 for Semester – III & IV.
- 3) The Eligibility Criteria for admission to the degree of Master of Engineering M.E.Civil (Geotechnical Engineering) (Full Time) shall be as under:-

B.E./B.Tech.Civil or Equivalent Degree of this University or any other Statutory University recognized by Sant Gadge Baba Amravati University as equivalent thereto. Similarly Diploma holders in Civil Engineering who have completed A.M.I.E. through the Institution of Engineers, (I.) Kolkata.
- 4) The schemes of examination of the course M.E.Civil (Geotechnical Engineering) (Full Time) be as per appendices A & B appended with this Direction.

Date :- 26 /08/2014

Sd/-
(Dr.Mohan K.Khedkar)
Vice-Chancellor,
Sant Gadge Baba Amravati University

TWO YEAR POST GRADUATE DEGREE COURSE IN MASTER OF ENGINEERING (FULL TIME)
CIVIL ENGINEERING (GEOTECHNICAL ENGINEERING)
CREDIT GRADE SYSTEM

Appendix - A

FIRST SEMESTER															
Sr. No.	Subject Code	Subject	TEACHING SCHEME			Credits	Total Hours	Duration Of Paper	THEORY			PRACTICAL			Min. Passing Marks
			Lecture	Tutorial	Practicals				Max. Mark Theory Paper	Max. Mark Theory Assessment	Total	MIN. PASSING MARKS Theory Paper	Subject	MAX. MARKS External	
1	15FGE1	Ground Improvement Techniques	4	0	0	4	4	3	80	20	100	40	50		
2	15FGE2	Advanced Soil Mechanics	4	0	0	4	4	3	80	20	100	40	50		
3	15FGE3	Advanced Foundation Engineering	4	0	0	4	4	3	80	20	100	40	50		
4	15FGE4	Construction Methods in Geotechnical Engineering	4	0	0	4	4	3	80	20	100	40	50		
5	15FGE5	Earth Dam Analysis and Design	4	0	0	4	4	3	80	20	100	40	50		
6	15FGE6	Ground Improvement Techniques & Earth Dam Analysis Lab.			2	2	1							25	25
7	15FGE7	Advanced Foundation Engineering Lab.			2	2	1							25	25
			20	0	4	24	22				500			25	50
											500			25	100
															Total: 600

SECOND SEMESTER															
Sr. No.	Subject Code	Subject	TEACHING SCHEME			Credits	Total Hours	Duration Of Paper	THEORY			PRACTICAL			Min. Passing Marks
			Lecture	Tutorial	Practicals				Max. Mark Theory Paper	Max. Mark Theory Assessment	Total	MIN. PASSING MARKS Theory Paper	Subject	MAX. MARKS External	
1	25FGE1	Soil Dynamics and Machine Foundation	4	0	0	4	4	3	80	20	100	40	50		
2	25FGE2	Finite Element Methods in Geotechnical Engineering	4	0	0	4	4	3	80	20	100	40	50		
3	25FGE3	Geosynthetics	4	0	0	4	4	3	80	20	100	40	50		
4	25FGE4	Elective-I	4	0	0	4	4	3	80	20	100	40	50		
5	25FGE5	Elective-II	4	0	0	4	4	3	80	20	100	40	50		
6	25FGE6	Soil Engineering Lab.			2	2	1							25	25
7	25FGE7	FEM Lab.			2	2	1							25	25
			20	0	4	24	22				500			25	50
											500			25	100
															Total: 600

- | Elective-I | | Elective-II | |
|---------------------------------|--|--|--|
| A. Geoenvironmental Engineering | | A. Geotechnical Earthquake Engineering | |
| B. Soil Structure Interaction | | B. Rock Mechanics | |
| C. Soil Stabilization | | C. Pavement Analysis and Design | |

Appendix - B

THIRD SEMESTER										
Sr.No.	Subject Code	Subject	Lecture	Tutorial	Practicals	Total	Credits	Internal Marks	Total	MIN. Passing Marks
1	3SFGE1	Seminar and Dissertation			6	6	15	100	100	50
		Total			6	6	15		100	
Total: 100										

FOURTH SEMESTER											
Sr.No.	Subject Code	Subject	Lecture	Tutorial	Practicals	Total	Credits	External Marks	Internal Marks	Total	MIN. Passing Marks
1	4SFGE1	Seminar and Dissertation			12	12	30	200	100	300	150
		Total			12	12	30			300	
Total 300											
Grand Total 1600											

Semester III

Seminar: Seminar to be delivered on work completed during III rd semester. 50 internal marks out of 100 will be assessed by a committee consisting of head of department, dissertation guide and subject expert appointed by principle of the college/ Head of university department remaining 50 internal marks will be given by guide based on performance

Dissertation: Title of the dissertation work to be submitted to the university on or before 15 sept.(for regular examination) and 15 th of feb. (for supplimentary exam)

Semester IV:

Seminar: To be delivered on the complete work of dissertation 15 internal marks out of 100 will be assessed by a committee consisting of head of department dissertation guide and subject expert appointed by principle of the college/Head of university department remaining 50 internal marks will be given by guide based on performance

Notes: Thesis of dissertation work must be submitted to the university on or before 30 April (For regular exam) and 30 Nov. (For supplimentary exam)

Thesis of dissertation work be submitted with late fee to the university up to 31 May (For regular exam) and 31 Dec. (For supplimentary exam) the late fee shall be charged as in cash of examination form.

Notes: 1. Students should fill the examination form in the beginning of III & IV semester

2. Single marksheet for III & IV semester together will be given to the student.

Eligibility Criteria :- B.E. /B.Tech. Civil / Equivalent. Engg./ of this University or any other Statutory University /Diploma. Similary Diploma Holders in Civil Engg. who have completed A.M.I.E. through the Institution of Engineers, (I) Kolkata.