DIRECTION

No. 19/2016 Date :- 29/09/2016

Subject :- Corrigendum to Direction Nos. 30/2010, 31/2011 & 31/2012 regarding changes in the schemes of teaching & examination of Semesters I ,II, IV,V & VII of B.Tech.(Chem. (Tech.) (Food,Pulp & Paper, Oil & Paint and Petrochemical Tech.)

Whereas, Direction No. 30 of 2010 in respect of the schemes of teaching & examination of I & II Semesters of B.Tech. (Chem.Tech.) (Food,Pulp & Paper, Oil & Paint and Petrochemical Tech.) as per Credit Grade System in the Faculty of Engineering & Technology are in existence,

AND

Whereas, Direction No. 31 of 2011 in respect of the schemes of teaching & examination of Semesters III to VIII/X in the various branches (Total – 19) as per Credit Grade System in the Faculty of Engineering & Technology are in existence,

AND

Whereas, corrigendum to Direction No.31/2011 i.e. Direction No.31/2012 has been issued regarding the revised schemes of teaching & examination of Semesters III to VIII/X in the branches Production, Electronics & Tele., Electronics Engg., , Computer Sci. & Engg., Computer Engg., Textile Engg., Chemical Engg., Chem.Tech. Polymer (Plastic) Tech., Chem.Tech. (Food, pulp & Paper, Oil & Paint and Petrochemical) as per Credit Grade System in the Faculty of Engineering & Technology which is in existence,

AND

Whereas, the Board of Studies in Chemical & Polymer Technology in its meeting held on 25/08/2015 has resolved to recommend to transfer the workload and credits of Basic Science subjects to core Engg. subjects in the schemes of teaching & examination of Semesters I,II, IV, V & VII of B.Tech. (Chem.Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.) (C.G.S.) examinations to be implemented in phase wise manner from the session 2016-2017,

AND

Whereas, the Faculty of Engineeing & Technology in its meeting held on 06/05/2016 vide Item No.40 (A) R-1, R-2, (F) R-1, R-2, (I) R-3, R-5 and (M) R-1 has recommended to transfer the workload and credits in the schemes of teaching & examination of Semesters I, II, IV, V & VII of B.Tech. (Chem.Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.) (C.G.S.) examinations to be implemented in phase wise manner from the session 2016-2017,

AND

Whereas, the Academic Council in its meeting held on 13/07/2016 vide Item No.47 (9) (A to E) has approved the above mentioned recommendations of the Faculty of Engineering & Technology,

AND

Whereas, the schemes of teaching & examinations of Semesters I,II,IV,V & VII of B.Tech. (Chem.Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.) in the Faculty of Engineering & Technology are required to be regulated by the Regulation,

AND

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

AND

Whereas, the schemes of teaching & examinations of Semesters I, II, IV, V & VII in the Faculty of Engineering & Technology are to be implemented in phase wise manner from the session 2016-17,

AND

Whereas, the syllabi of the above mentioned examinations are to be sent for printing.

Now, therefore, I, Dr. M.G.Chandekar, Vice-Chancellor, 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 shall be called "Corrigendum to Direction Nos. 30/2010, 31/2011 & 31/2012 regarding changes in the schemes of teaching & examination of Semesters I,II,IV,V & VII of B.Tech. (Chem.Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.) examinations".

(2) This Direction shall come into force from the date of its issuance.

(3) The revised Schemes of teaching & examination of Semesters I,II,IV,V & VII of B.Tech. (Chem.Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.) (C.G.S.) shall be implemented in phase wise manner as under :

(i)From the session 2016-2017 - for Semester I & II
(ii) From the session 2017-2018 - for Semester III & IV
(iii) From the session 2018-2019 - for Semester V & VI
(iv) From the session 2019-2020 - for Semester VII & VIII

(4) The revised schemes of of teaching & examination of Semesters I,II,IV,V & VII of B.Tech. (Chem.Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.) (C.G.S.) examinations as per Credit Grade System shall be as per Appendices A, B, C,D & E appended herewith this Direction .

sd/-

Date :- 29 /09/2016

(Dr.M. G.Chandekar)
Vice Chancellor

Appendix A

APPENDIX-A

FOUR YEAR DEGREE COURSE IN B.TECH. (CHEM. TECH.) (FOOD, PULP & PAPER, OIL & PAINT AND PETROCHEMICAL) TECH.

SEMESTER PATTERN

CREDIT GRADE SYSTEM

FIRST SEMESTER

Sr.No.	Subject Code	Teaching Scheme: Hours/Week: Lecture	Tutorial	P/D	Total Hours/ Week	Credits	Duration of Paper (Hr.)	Examination Scheme: Theory: Max. Marks Theory Paper	Max. Marks College Assessment	Total	Min Passing Marks	Practical: Max Marks: External	Internal	Total	Min. Passing Marks
THEORY															
1	1SCT1 Applied Inorganic Chemistry	3	1	0	4	4	3	80	20	100	40	–	–	–	–
2	1SCT2/ Engineering Physics 1A2	3	1	0	4	4	3	80	20	100	40	–	–	–	–
3	1SCT3/ Engineering Mathematics-I 1A1	(4) 3	1	0	(5) 4	(5) 4	3	80	20	100	40	–	–	–	–
4	1SCT4/ Computer Programming 1B3	(4) 3	1	0	(5) 4	(5) 4	3	80	20	100	40	–	–	–	–
5	1SCT5 Mechanical Technology	3	1	0	4	4	3	80	20	100	40	–	–	–	–
PRACTICALS / DRAWING / DESIGN															
6	I SCT6 Applied Inorganic Chemistry	0	0	2	2	1	–	–	–	–	–	25	25	50	25
7	I SCT7/ Engineering Physics 1A6	0	0	3	3	2	–	–	–	–	–	25	25	50	25
8	ISCT8 Computer Programming I B7	0	0	2	2	1	–	–	–	–	–	25	25	50	25
	TOTAL	15	5	7	(29) 27	(26) 24				500				150	
														TOTAL : 650	

(Note : One Lecture / One Tutorial of one hour equal to one Credit, One Practical of Three hours equal to two Credit, One Practical of Two hours equal to one Credit, One Practical / Lab. without theory of one hour equal to one Credit.)

Appendix - B

A-4545

APPENDIX-A

FOUR YEAR DEGREE COURSE IN B.TECH. (CHEM. TECH.) (FOOD, PULP & PAPER, OIL & PAINT AND PETROCHEMICAL) TECH.

SEMESTER PATTERN
CREDIT GRADE SYSTEM
SECOND SEMESTER

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	Max. Marks External	Max. Marks Internal	Total	Min. Passing Marks
THEORY															
2SCT1	Applied Physical Chemistry	3	1	0	4	4	3	80	20	100	40	–	–	–	–
2SCT2/ 1B42	Electrical Engineering	(4) 3	1	0	(5) 4	(5) 4	3	80	20	100	40	–	–	–	–
2SCT3	Engineering Mechanics	3	1	0	4	4	3	80	20	100	40	–	–	–	–
2SCT4/ 1A4	Engineering Drawing	3	0	0	3	3	3	80	20	100	40	–	–	–	–
PRACTICALS / DRAWING / DESIGN															
2SCT5	Workshop	0	0	4	4	4	–	–	–	–	–	25	25	50	25
2SCT6	Applied Physical Chemistry	0	0	2	2	1	–	–	–	–	–	25	25	50	25
2SCT7/ 1B8	Electrical Engineering	0	0	2	2	1	–	–	–	–	–	25	25	50	25
2SCT8	Engineering Mechanics	0	0	2	2	1	–	–	–	–	–	25	25	50	25
2SCT9/ 1A8	Engineering Drawing	0	0	4	4	2	–	–	–	–	–	25	25	50	25
	TOTAL	12	3	14	(30) 29	(25) 24				400				250	
														TOTAL : 650	

Note : One Lecture / One Tutorial of one hour equal to one Credit, One Practical of Three hours equal to two Credit, One Practical of Two hours equal to one Credit, One Practical / Lab. without theory of one hour equal to one Credit.)

Appendix-E

Four Year Degree Course in Bachelor of Technology
Branches : Food, Pulp & Paper, Oil & Paint and Petrochemical Technology
Semeter Pattern (Credit Grade System)

Semester : Third

			TEACHING SCHEME					EXAMINATION SCHEME								
			HOURS / WEEK					THEORY					PRACTICAL			
Sr. No.	Subject Code	Subject	Lecture	Tutorial	P/D	Total HOURS/WEEK	CREDITS	DURATION OF PAPER (Hr.)	MAX. MARKS THEORY PAPER	MAX. MARKS COLLEGE ASSESMENT	TOTAL	MIN. PASSING MARKS	MAX. MARKS EXTERNAL	MAX. MARKS INTERNAL	TOTAL	MIN. PASSING MARKS
THEORY																
01	3 CT 01	Applied Organic Chemistry	3	1	–	4	4	3	80	20	100	40	–	–	–	–
02	3 CT 02	Applied Physical Chemistry-II	3	1	–	4	4	3	80	20	100	40	–	–	–	–
03	3 CT 03	Strength of Materials	3	1	–	4	4	3	80	20	100	40	–	–	–	–
04	3 CT 04	Applied Thermodynamics	3	1	–	4	4	3	80	20	100	40	–	–	–	–
05	3 CT 05	Process Calculations	3	1	–	4	4	3	80	20	100	40	–	–	–	–
PRACTICALS / DRAWING / DESIGN																
06	3 CT 06	Applied Organic Chemistry-Lab	–	–	2	2	1	–	–	–	–	–	25	25	50	25
07	3 CT 07	Applied Physical Chemistry II-Lab	–	–	2	2	1	–	–	–	–	–	25	25	50	25
08	3 CT 08	Strength of Materials -Lab	–	–	2	2	1	–	–	–	–	–	25	25	50	25
09	3 CT 09	Applied Thermodynamics-Lab	–	–	2	2	1	–	–	–	–	–	25	25	50	25
		TOTAL	15	5	8	28	24				500				200	
														TOTAL	700	

Semester : Fourth

THEORY						4	4									
01	4 CT 01	Engineering Mathematics-II	3 (4)	1	–	(5)	(5)	3	80	20	100	40	–	–	–	–
02	4 FT 02	Food Technology - I	3	1	–	4	4	3	80	20	100	40	–	–	–	–
	4 PT 02	Pulp & Paper Technology - I	3	1	–	4	4	3	80	20	100	40	–	–	–	–
	4 OT 02	Oil & Paint Technoloogy -I	3	1	–	4	4	3	80	20	100	40	–	–	–	–
	4 PC 02	Petrochemical Technology -I	3	1	–	4	4	3	80	20	100	40	–	–	–	–
03	4 CT 03	Machine Design & Drawing	3	1	–	4	4	3	80	20	100	40	–	–	–	–
04	4 CT 04	Material Technology	3	–	–	3	3	3	80	20	100	40	–	–	–	–
05	4 CT 05	Fluid Flow Operation	3	1	–	4	4	3	80	20	100	40	–	–	–	–
PRACTICALS / DRAWING / DESIGN																
06	4 FT 06	Food Technology - I-Lab	–	–	4	4	2	–	–	–	–	–	25	25	50	25
	4 PT 06	Pulp & Paper Technology -I-Lab	–	–	4	4	2	–	–	–	–	–	25	25	50	25
	4 OT 06	Oil & Paint Technoloogy -I-Lab	–	–	4	4	2	–	–	–	–	–	25	25	50	25
	4 PC 06	Petrochemical Technology -I-Lab	–	–	4	4	2	–	–	–	–	–	25	25	50	25
07	4 CT 07	Machine Design & Drawing-Lab	–	–	2	2	1	–	–	–	–	–	25	25	50	25
08	4 CT 08	Material Technology-Lab	–	–	2	2	1	–	–	–	–	–	25	25	50	25
09	4 CT 09	Fluid Flow Operation-Lab	–	–	2	2	1	–	–	–	–	–	25	25	50	25
		TOTAL	16	4	10	(30)	(25)				500				200	
			15			29	24							TOTAL	700	

Four Year Degree Course in Bachelor of Technology
Branchs : Food, Pulp & Paper, Oil & Paint and Petrochemical Technology
Semeter Pattern (Credit Grade System)

Appendix-D

Semester : Fifth

Sr. No.	Subject Code	Subject	TEACHING SCHEME: HOURS / WEEK: Lecture	Tutorial	P/D	Total HOURS/WEEK	CREDITS		EXAMINATION SCHEME: THEORY: DURATION OF PAPER (Hr.)	MAX. MARKS THEORY PAPER	MAX. MARKS COLLEGE ASSESMENT	TOTAL	MIN. PASSING MARKS	PRACTICAL: MAX. MARKS: EXTERNAL	INTERNAL	TOTAL	MIN. PASSING MARKS
THEORY																	
01	5 CT 1	Heat Transfer	3	1	0	4	4		3	80	20	100	40				
02	5 CT 2	Mechanical Operation	3	1	0	4	4		3	80	20	100	40	_	_	_	_
03	5 CT 3	Chemical Engineering Thermodynamics	3	1	0	4	4		3	80	20	100	40	_	_	_	_
04	5 FT 4	Food Technology - II	3	1	0	4	4		3	80	20	100	40	_	_	_	_
	5 PT 4	Pulp & Paper Technology -II	3	1	0	4	4		3	80	20	100	40	_	_	_	_
	5 OT 4	Oil & Paint Technoloogy -II	3	1	0	4	4		3	80	20	100	40	_	_	_	_
	5 PC 4	Petrochemical Technology - II	3	1	0	4	4		3	80	20	100	40	_	_	_	_
05	5 FECT 5	Free Elective - I	3	0	0	3	3		3	80	20	100	40	_	_	_	_
06	5 CT 6	Communication Skills	2	0	0	2	2		2	40	10	50	20	_	_	_	_
PRACTICALS / DRAWING / DESIGN																	
07	5 CT 7	Heat Transfer	0	0	2	2	1		_	_	_	_	_	25	25	50	25
08	5 CT 8	Mechanical Operation	0	0	2	2	1		_	_	_	_	_	25	25	50	25
09	5 CT 9	Chemical Engineering Thermodynamics	0	0	2	4	2		3	80	20	100	40	_	_	_	_
10	5 FT 9	Food Technology - II	0	0	4	4	2		_	_	_	_	_	25	25	50	25
	5 PT 9	Pulp & Paper Technology -II	0	0	4	4	2		_	_	_	_	_	25	25	50	25
	5 OT 9	Oil & Paint Technoloogy -II	0	0	4	4	2		_	_	_	_	_	25	25	50	25
	5 PC 9	Petrochemical Technology - II	0	0	4	4	2		_	_	_	_	_	25	25	50	25
11	5 CT 10	Communication Skills	0	0	2	2	1		_	_	_	_	_	25	25	50	25
		TOTAL	17	4	12	33	28					550				200	
															TOTAL	750	
	Free Elective - I :	(i) Environmental Impact : Risk Assessment & Management (ii) Econoniocs & Management															

Semester : Sixth

Sr. No.	Subject Code	Subject	Lecture	Tutorial	P/D	Total HOURS/WEEK	CREDITS		DURATION OF PAPER (Hr.)	MAX. MARKS THEORY PAPER	MAX. MARKS COLLEGE ASSESMENT	TOTAL	MIN. PASSING MARKS	EXTERNAL	INTERNAL	TOTAL	MIN. PASSING MARKS
THEORY																	
01	6 CT 1	Chemical Technology	4	0	0	4	4		3	80	20	100	40	_	_	_	_
02	6 CT 2	Computer Programming & Application	3	1	0	4	4		3	80	20	100	40	_	_	_	_
03	6 CT 3	Instrumentation & Control	4	0	0	4	4		3	80	20	100	40	_	_	_	_
04	6 FT 4	Food Technology -III	3	1	0	4	4		3	80	20	100	40	_	_	_	_
	6 PT 4	Pulp & Paper Technology -III	3	1	0	4	4		3	80	20	100	40	_	_	_	_
	6 OT 4	Oil & Paint Technoloogy -III	3	1	0	4	4		3	80	20	100	40	_	_	_	_
	6 PC 4	Petrochemical Technology -III	3	1	0	4	4		3	80	20	100	40	_	_	_	_
05	6 FECT 5	Free Elective - II	3	1	0	4	4		3	80	20	100	40				
PRACTICALS / DRAWING / DESIGN																	
06	6 CT 6	Process Equipment Designe & Drawing	0	0	2	2	1		_	_	_	_	_	25	25	50	25
07	6 CT 7	Instrumentation & Control	0	0	2	2	1		_	_	_	_	_	25	25	50	25
08	6 CT 8	Computer Programming & Application	0	0	2	2	1		_	_	_	_	_	25	25	50	25
09	6 CT 9	Minor Project	0	0	2	2	2							25	25	50	25
		TOTAL	17	3	8	28	25					500				200	
															TOTAL	700	

Free Elective - II : (i)Inroduction to Membrane Technology (ii) Chemical Technology

Appendix-E

Four Year Degree Course in Bachelor of Technology
Branches : Food, Pulp & Paper, Oil & Paint and Petrochemical Technology
Semeter Pattern (Credit Grade System)

Semester : Third

Sr. No.	Subject Code	Subject	TEACHING SCHEME HOURS / WEEK Lecture	Tutorial	P/D	Total HOURS/WEEK	CREDITS	EXAMINATION SCHEME THEORY DURATION OF PAPER (Hr.)	MAX. MARKS THEORY PAPER	MAX. MARKS COLLEGE ASSESMENT	TOTAL	MIN. PASSING MARKS	PRACTICAL MAX. MARKS EXTERNAL	INTERNAL	TOTAL	MIN. PASSING MARKS
THEORY																
01	3 CT 01	Applied Organic Chemistry	3	1	–	4	4	3	80	20	100	40	–	–	–	–
02	3 CT 02	Applied Physical Chemistry-II	3	1	–	4	4	3	80	20	100	40	–	–	–	–
03	3 CT 03	Strength of Materials	3	1	–	4	4	3	80	20	100	40	–	–	–	–
04	3 CT 04	Applied Thermodynamics	3	1	–	4	4	3	80	20	100	40	–	–	–	–
05	3 CT 05	Process Calculations	3	1	–	4	4	3	80	20	100	40	–	–	–	–
PRACTICALS / DRAWING / DESIGN																
06	3 CT 06	Applied Organic Chemistry-Lab	–	–	2	2	1	–	–	–	–	–	25	25	50	25
07	3 CT 07	Applied Physical Chemistry II-Lab	–	–	2	2	1	–	–	–	–	–	25	25	50	25
08	3 CT 08	Strength of Materials -Lab	–	–	2	2	1	–	–	–	–	–	25	25	50	25
09	3 CT 09	Applied Thermodynamics-Lab	–	–	2	2	1	–	–	–	–	–	25	25	50	25
		TOTAL	15	5	8	28	24				500				200	
														TOTAL	700	

Semester : Fourth

Sr. No.	Subject Code	Subject	Lecture	Tutorial	P/D	Total HOURS/WEEK	CREDITS	DURATION OF PAPER (Hr.)	MAX. MARKS THEORY PAPER	MAX. MARKS COLLEGE ASSESMENT	TOTAL	MIN. PASSING MARKS	EXTERNAL	INTERNAL	TOTAL	MIN. PASSING MARKS
THEORY																
01	4 CT 01	Engineering Mathematics-II	3 4	1	–	4 5	4 5	3	80	20	100	40	–	–	–	–
02	4 FT 02	Food Technology - I	3	1	–	4	4	3	80	20	100	40	–	–	–	–
	4 PT 02	Pulp & Paper Technology - I	3	1	–	4	4	3	80	20	100	40	–	–	–	–
	4 OT 02	Oil & Paint Technoloogy -I	3	1	–	4	4	3	80	20	100	40	–	–	–	–
	4 PC 02	Petrochemical Technology -I	3	1	–	4	4	3	80	20	100	40	–	–	–	–
03	4 CT 03	Machine Design & Drawing	3	1	–	4	4	3	80	20	100	40	–	–	–	–
04	4 CT 04	Material Technology	3	–	–	3	3	3	80	20	100	40	–	–	–	–
05	4 CT 05	Fluid Flow Operation	3	1	–	4	4	3	80	20	100	40	–	–	–	–
PRACTICALS / DRAWING / DESIGN																
06	4 FT 06	Food Technology - I-Lab	–	–	4	4	2	–	–	–	–	–	25	25	50	25
	4 PT 06	Pulp & Paper Technology -I-Lab	–	–	4	4	2	–	–	–	–	–	25	25	50	25
	4 OT 06	Oil & Paint Technoloogy -I-Lab	–	–	4	4	2	–	–	–	–	–	25	25	50	25
	4 PC 06	Petrochemical Technology -I-Lab	–	–	4	4	2	–	–	–	–	–	25	25	50	25
07	4 CT 07	Machine Design & Drawing-Lab	–	–	2	2	1	–	–	–	–	–	25	25	50	25
08	4 CT 08	Material Technology-Lab	–	–	2	2	1	–	–	–	–	–	25	25	50	25
09	4 CT 09	Fluid Flow Operation-Lab	–	–	2	2	1	–	–	–	–	–	25	25	50	25
		TOTAL	16 15	4	10	30 29	25 27				500				200	
														TOTAL	700	

DIRECTION

No. 20/2016 Date :- 29/09/2016

Subject :- Corrigendum to Direction Nos. 31/2011 & 31/2012 regarding the Schemes of teaching & examination of Semesters V& VI all branches in the Faculty of Engineering & Technology.

Whereas, Direction No. 31 of 2011 in respect of the schemes of teaching & examination of Semesters III to VIII/X in the various branches (Total – 19) as per Credit Grade System in the Faculty of Engineering & Technology is in existence,

AND

Whereas, corrigendum to Direction No.31/2011 i.e. Direction No.31/2012 has been issued regarding the revised schemes of teaching & examination of Semesters III to VIII/X in the branches Production, Electronics & Tele., Electronics Engg., , Computer Sci. & Engg., Computer Engg., Textile Engg., Chemical Engg., Chem.Tech. Polymer (Plastic) Tech., Chem.Tech. (Food, pulp & Paper, Oil & Paint and Petrochemical) as per Credit Grade System in the Faculty of Engineering & Technology which is in existence,

AND

Whereas, the Faculty of Engineeing & Technology in its meeting held on 06/05/2016 has recommended to replace the existing Foot Note under the schemes of teaching & examination of all branches by the 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 to be implemented in phase wise manner from the session 2016-2017,

AND

Whereas, the Academic Council in its meeting held on 13/07/2016 vide Item No.47 (9) (F) has approved the recommendations of the Faculty regarding to replace the existing Foot Note as mentioned in the above para to be implemented from the session 2016-2017,

AND

Whereas, the schemes of teaching & examinations of Semesters V & VI of all branches in the Faculty of Engineering & Technology are required to be regulated by the Regulation,

AND

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

AND

Whereas, the schemes of teaching & examinations of Semesters V & VI of all branches in the Faculty of Engineering & Technology are to be implemented from the session 2016-17,

AND

Whereas, the syllabi of the above mentioned examinations are to be sent for printing.

Now, therefore, I, Dr. M.G.Chandekar, Vice-Chancellor, 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 shall be called "Corrigendum to Direction Nos. 31/2011 & 31/2012 regarding the schemes of teaching & examinations of Semesters V & VI in all the branches in the Faculty of Engineering & Technology.."

(2) This Direction shall come into force from the date of its issuance.

(3) The existing foot note given under the schemes of teaching & examinations of Semesters V & VI of all the branches in the Faculty of Engineering & Technology shall be replaced by the 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".

(4) The above change as given in Sr.No. 3, in the schemes of teaching & examination of Semesters V & VI of all branches in the Faculty of Engineering & Technology shall be implemented from the session 2016-2017.

sd/-

Date :- 29 /09/2016 (Dr.M. G.Chandekar)

Vice Chancellor

DIRECTION

No. 21/ 2016 Dated :- 29/09/2016

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, 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) (Full Time) (Semester Pattern - - -Credit Grade System) is in existence in the University,

AND

Whereas, the Board of Studies in Electrical Engineering (Incl.E.P.S..) in its meeting held on 17/8/2015 vide Item No. 41 has recommended the changes in the existing schemes of teaching & examination along with the Eligibility Criteria and the syllabi of M.E.Electrical (E.P.S..) (Full Time)(C.G.S.),

AND

Whereas, the Faculty of Engineering & Technology in its meeting held on 06/05/2016 vide Item No. 40 (F) R-2 has recommended the above said recommendations of the Board of Studies in Electrical Engineering(Incl.E.P.S) to be implemented from the session 2016-2017,

AND

Whereas, the Academic Council in its meeting held on 13/07/2016 vide Item No. 47 (9) C) R-2 has approved the recommendations of the Faculty of Engineering & Technology to be implemented from the session 2016-2017,

AND

Whereas, the revised schemes of teaching & examination along with the Eligibility Criteria and the syllabi of M.E.Electrical (Incl. E.P.S..) are to be implemented from the session 2016-2017,

AND

Whereas, the revised schemes of teaching & examination of M.E.Electrical (Incl. E.P.S..) are required to be regulated by the Regulation,

AND

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

Now, therefore, I, Dr. M.G.Chandekar, 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 shall be called "Corrigendum to Direction Nos. 31 of 2010 & 32 of 2012 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)".

(2) This Direction shall come into force with effect from the session,
   i) 2016-2017 for Semester – I & II
   ii) 2017-2018 for Semester – III & IV

(3) The revised schemes of teaching & examination along with the Eligibility Criteria of the course M.E. Electrical (Incl. E.P.S..) (Full Time) (C.DG.S.) shall be as per appendices A & B appended with this Direction.

sd/-

Date :- 29 /09/2016 (Dr.M.V.Chandekar)

Vice Chancellor

Two Year Post Graduate Degree Course in Master of Engineering (Full Time)
Electrical Engineering (Electrical Power System)

First Semester

			TEACHING SCHEME					EXAMINATION SCHEME									
			HOURS / WEEK					THEORY						PRACTICAL			
Sr. No.	Subject Code	Subject	Lecture	Tutorial	Practical	Total Houres	CREDITS	DURATION OF PAPER (Hr.)	MAX. MARKS THEORY PAPER	MAX. MARKS COLLEGE ASSESMENT	TOTAL	MIN. PASSING MARKS THEORY PAPER	MIN. PASSING MARKS SUBJECT	MAX. MARKS EXTERNAL	MAX. MARKS INTERNAL	TOTAL	MIN. PASSING MARKS
01	EP2101	ADVANCED CONTROL SYSTEMS	4	0	0	4	4	3	80	20	100	40	50	--	--	--	--
02	EP2102	COMPUTER AIDED POWER SYSTEM ANALYSIS	4	0	0	4	4	3	80	20	100	40	50	--	--	--	--
03	EP2103	DIGITAL SIGNAL PROCESSING AND APPLICATIONS	4	0	0	4	4	3	80	20	100	40	50	--	--	--	--
04	EP2104	ADVANCED ELECTRIC DRIVES	4	0	0	4	4	3	80	20	100	40	50	--	--	--	--
05	EP2105	DIGITAL PROTECTION OF POWER SYSTEMS	4	0	0	4	4	3	80	20	100	40	50	--	--	--	--
06	EP2116	POWR SYSTEM LAB.-I	0	0	4	4	2	--	--	--	--	--	--	50	50	100	50
		TOTAL	20	0	4	24	22				500					100	
															TOTAL		600

Second Semester

01	EP2201	POWER SYSTEM DYNAMICS AND CONTROL	4	0	0	4	4	3	80	20	100	40	50	--	--	--	--
02	EP2202	ELECTRICAL MACHINE ANALYSIS & CONTROL	4	0	0	4	4	3	80	20	100	40	50	--	--	--	--
03	EP2203	POWER QUALITY IMPROVEMENT TECHNIQUES	4	0	0	4	4	3	80	20	100	40	50	--	--	--	--
04	EP2204	HVDC TRANSMISSION	4	0	0	4	4	3	80	20	100	40	50	--	--	--	--
05	EP2205	APPLICATION OF POWER ELECTRONICS TO POWER SYSTEMS	4	0	0	4	4	3	80	20	100	40	50	--	--	--	--
06	EP2216	POWR SYSTEM LAB.-II	0	0	4	4	2	--	--	--	--	--	--	50	50	100	50
		TOTAL	20	0	4	24	22				500					100	
															TOTAL		600

Appendix-A

Appendix-B

Two Year Post Graduate Degree Course in Master of Engineering (Full Time)
Electrical Engineering (Electrical Power System)

Third Semester

Sr. No.	Subject Code	Subject	Lecture	Tutorial	Practical	Total	CREDITS	INTERNAL MARKS	TOTAL	MIM. PASSING MARKS
01	EP2331	DISSERTATION AND SEMINAR	-	-	6	6	15	100	100	50
		TOTAL	-	-	6	6	15		100	
									TOTAL	100

Fourth Semester

Sr. No.	Subject Code	Subject	Lecture	Tutorial	Practical	Total	CREDITS	EXTERNAL MARKS	INTERNAL MARKS	TOTAL	MIM. PASSING MARKS
01	EP2441	DISSERTATION AND SEMINAR	-	-	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 third 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 Principal 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 15th Sept. (for regular examination) and 15th of February (for supplementary exam.).

Semester IV

Seminar : to be delivered on the complete work of dissertation. 50 internal marks out of 100 will be assessed by a Committee consisting of Head of Department, dissertation guide and subject expert appointed by Principal of the College / Head of University Department. Remaining 50 internal marks will be given by guide based on performance.

Note : Thesis of dissertation work must be submitted to the University on or before 30th April (for regular exam.) and 30th November (for supplementary exam.). Thesis of Dissertation work be submitted with late fee to the University upto 31 May (for regular exam.) and 31st December (for supplementary exam.). The late fee shall be charged as in case of Examination form

Notes : 1. Student should fill the examination form in the begining of 3rd semester jointly for 3rd & 4th semester.

2. Single marksheet for 3rd & 4th semester together will be given to the student.

3.Eligibility Criteria : The Eligibility Criteria for Admission to the degree of Master of Engineering (Full Time) in Electrical Power System cours shall have passed the Degree examination in Bachelor of Engineering/ Bachelor of Technology in the branches mentioned in following table against the respective courses.

TABLE

S.N.	M.E./M.Tech	B.E./B.Tech. of This University or any other statutory University
1	M.E.(Electrical Power System)	Electrical Engg., Electrical(Electronics &Power), Electrical & Electronics Engg., Industrial Electronics Engg., Electronics &Telecommunication Engg., Electronics Engg., Instrumentation Engg.,Biomedical Engg.