

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE

Official Publication of Sant Gadge Baba Amravati University



PART – ONE

Thursday, the 21st April, 2016

Direction

No. 12/2016

Date : 21.4.2016

Subject :- Corrigendum to Direction Nos. 31 of 2011, 31 of 2012 and 3 of 2013 in respect of the schemes of teaching & examination of III to VIII/X Semesters as per C.G.S. of various branches in the Faculty of Engineering & Technology.

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

Whereas, Corrigendum to Direction No. 31 of 2011 regarding the revised schemes of teaching & examination of Semester III to VIII in the various branches of B.E./B. Text./B. Tech.(Chemical)/ B.Tech. (Polymer)(Plastic) B.Tech. (Chem. Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical) in the branches Production Engg., Electronics & Telecommn.Engg., Electronics, Computer Sci. & Engg., Computer Engg., Textile Engg., Chemical Engg., Chem. Tech. (Polymer) (Plastic) and Chem. Tech. (Food, Pulp & Paper, Oil & Paint and Petrochemical) was issued vide direction Nos. 31 of 2012 and 3 of 2013,
AND

Whereas, the Board of Studies in Electronics, Industrial Electronics & Applied Electronics in its meeting dtd. 24.7.2014 and 31.7.2014 had recommended to shift the subject Communication Skills of Code Nos. 5XT6/5XN6 and 5XT10/5XN10 of B.E. (Electronics & Telecommunications/Electronics) Semester V for theory and practical to Semester VI with code 6XT9/6XN9 for theory and 6XT10 & 6XN10 for practical respectively,
AND

Whereas, the Faculty of Engineering & Technology in its meeting held on 24.11.2014 vide Item No.24 (D) (R-2) had resolved to accept and recommend to shift the subject Communication Skills of Semester Vth to Semester VIth,
AND

Whereas, the Academic Council in its meeting held on 02.05.2015 vide Item No.35 (6) has approved to shift the subject Communication Skills of B.E.(Electronics & Telecommunications/Electronics) of Semester V for theory and practical to Semester VI with code 6XT9/6XN9 for theory and 6XT10 & 6XN10 for practical respectively, and further resolved to refer the matter to the Ordinance Committee for amending respective Ordinance/Regulation,
AND

Whereas, the revised schemes of teaching & examination of the above mentioned branches as per Credit Grade System required are to be regulated by the regulation,
AND

Whereas, the amendment in the respective Ordinance/Regulation is time consuming process,
AND

Whereas, the revised schemes of teaching & examination of B.E.Semester V & VI (Electronics & Telecommunications / Electronics) as per Credit Grade System in the Faculty of Engineering & Technology are to be implemented from the academic session 2015-2016,

Now, therefore, I, Dr. V.S.Sapkal, Vice-Chancellor of Sant Gadge Baba Amravati University, Amravati in exercise of powers conferred upon me under the sub section (8) of Section 14 of the M.U.Act, 1994, do hereby direct as under :-

- i) This Direction may be called "Corrigendum to Direction Nos. 31 of 2011, 31 of 2012 and 3 of 2013 in respect of the schemes of teaching & examination of B.E. III to VIII/X Semesters as per C.G.S. of various branches in the Faculty of Engineering & Technology".
- ii) This Direction shall come into force from the academic session 2015-2016 and onwards.
- iii) The revised schemes of teaching & examination for the subject "Communication Skills" of B.E.Semester V & Electronics & Telecommunication /Electronics) shall be as per Appendices A & B appended with this direction .

Date :20/04/2016

sd/-
(Dr.V.S.Sapkal)
Vice-Chancellor

Four Year Degree Course in Bachelor of Engineering
Branch : Electronics & Telecommunication Engineering
Semeter Pattern (Credit Grade System)

								Semester : FIFTH												
Sr. No.	Subject Code	Subject	TEACHING SCHEME					CREDITS	EXAMINATION SCHEME											
			HOURS / WEEK						THEORY				PRACTICAL							
			Lecture	Tutorial	P/D	TOTAL HOURS/WEEK			DURATION OF PAPER (Hr.)	MAX. MARKS THEORY PAPER	MAX. MARKS COLLEGE ASSESSMENT	TOTAL	MIN. PASSING MARKS	MAX. MARKS		TOTAL	MIN. PASSING MARKS			
		EXTERNAL	INTERNAL																	
THEORY																				
01	5XT1	ELECTRONIC DEVICES & CIRCUITS - II	4	1	-	5	5	3	80	20	100	40	-	-	-	-				
02	5XT2	POWER ELECTRONICS	4	-	-	4	4	3	80	20	100	40	-	-	-	-				
03	5XT3	CONTROL SYSTEM ENGINEERING	4	1	-	5	5	3	80	20	100	40	-	-	-	-				
04	5XT4	COMMUNICATION ENGINEERING - II	4	1		5	5	3	80	20	100	40	-	-	-	-				
05	5FEXT5	FREE ELECTIVE - I	3			3	3	3	80	20	100	40	-	-	-	-				
		FREE ELECT- I (i) Consumer Electronics (ii) Fibre Optics																		
PRACTICALS / DRAWING / DESIGN																				
06	5XT6	ELECTRONIC DEVICES & CIRCUITS-II LAB.				2	2	1	-	-	-	-	25	25	50	25				
07	5XT7	POWER ELECTRONICS - II LAB.				2	2	1	-	-	-	-	25	25	50	25				
08	5XT8	COMMUNICATION ENGINEERING - II LAB.				2	2	1	-	-	-	-	25	25	50	25				
		TOTAL	19	3	6	28	25				500				150					
													TOTAL		650					
													Semester : SIXTH							
THEORY																				
01	6XT1	DIGITAL INTEGRATED CIRCUITS	4	1		5	5	3	80	20	100	40	-	-	-	-				
02	6XT2	LINEAR INTEGRATED CIRCUITS	4	1		5	5	3	80	20	100	40	-	-	-	-				
03	6XT3	INTRODUCTION TO MICROPROCESSORS	4	1		5	5	3	80	20	100	40	-	-	-	-				
04	6XT4	DIGITAL COMMUNICATION	4			4	4	3	80	20	100	40	-	-	-	-				
05	6FEXT5	FREE ELECTIVE - II	3			3	3	3	80	20	100	40	-	-	-	-				
06	6XT9	COMMUNICATION SKILLS	2			2	2	2	40	10	50	20								
PRACTICALS / DRAWING / DESIGN																				
07	6XT6	INTEGRATED CIRCUITS - LAB.				2	2	1	-	-	-	-	25	25	50	25				
08	6XT7	INTRODUCTION TO MICROPROCESSORS - LAB.				2	2	1	-	-	-	-	25	25	50	25				
09	6XT8	DIGITAL COMMUNICATION - LAB.				2	2	1	-	-	-	-	25	25	50	25				
10	6XT10	COMMUNICATION SKILLS- LAB.				2	2	1	-	-	-	-	25	25	50	25				
		TOTAL	21	3	8	32	28				550				200					
													TOTAL		750					

FREE ELECT.- II (i) Introduction to Wireless Technology
 NOTE :- Students will have to opt the Free Electives from other

(ii) Electronic Test Instruments : Analog & Digital
 Courses in their College/ Institution / University Department/

Four Year Degree Course in Bachelor of Engineering
Branch : Electronics Engineering
Semester Pattern (Credit Grade System)

Appendix-B

SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE – 2016- PART ONE-32

Semester : FIFTH																	
Sr. No.	Subject Code	Subject	TEACHING SCHEME					EXAMINATION SCHEME									
			HOURS / WEEK			TOTAL HOURS/ WEEK	CREDITS	THEORY				PRACTICAL					
			Lecture	Tutorial	P/D			DURATION OF PAPER (Hr.)	MAX. MARKS THEORY PAPER	MAX. MARKS COLLEGE ASSESMENT	TOTAL	MIN. PASSING MARKS	MAX. MARKS		TOTAL	MIN. PASSING MARKS	
EXTERNAL	INTERNAL																
THEORY																	
01	5XN1	ELECTRONIC DEVICES & CIRCUITS - II	4	1	-	5	5	3	80	20	100	40	-	-	-	-	
02	5XN2	POWER ELECTRONICS	4	-	-	4	4	3	80	20	100	40	-	-	-	-	
03	5XN3	CONTROL SYSTEM ENGINEERING	4	1	-	5	5	3	80	20	100	40	-	-	-	-	
04	5XN4	COMMUNICATION ENGINEERING - II	4	1	-	5	5	3	80	20	100	40	-	-	-	-	
05	5FEXN5	FREE ELECTIVE - I	3			3	3	3	80	20	100	40	-	-	-	-	
		FREE ELECT- I (i) Consumer Electronics (ii) Fibre Optics															
PRACTICALS / DRAWING / DESIGN																	
06	5XN6	ELECTRONIC DEVICES & CIRCUITS -II LAB.				2	2	1	-	-	-	-	25	25	50	25	
07	5XN7	POWER ELECTRONICS - II LAB.				2	2	1	-	-	-	-	25	25	50	25	
08	5XN8	COMMUNICATION ENGINEERING - II LAB.				2	2	1	-	-	-	-	25	25	50	25	
		TOTAL	19	3	6	28	25				500				150		
															TOTAL		650
Semester : SIXTH																	
THEORY																	
01	6XN1	DIGITAL INTEGRATED CIRCUITS	4	1		5	5	3	80	20	100	40	-	-	-	-	
02	6XN2	LINEAR INTEGRATED CIRCUITS	4	1		5	5	3	80	20	100	40	-	-	-	-	
03	6XN3	INTRODUCTION TO MICROPROCESSORS	4	1		5	5	3	80	20	100	40	-	-	-	-	
04	6XN4	RADIO & T.V. ENGINEERING	4			4	4	3	80	20	100	40	-	-	-	-	
05	6FEXN5	FREE ELECTIVE - II	3			3	3	3	80	20	100	40	-	-	-	-	
06	6XN9	COMMUNICATION SKILLS	2			2	2	2	40	10	50	20					
PRACTICALS / DRAWING / DESIGN																	
07	6XN6	DIGITAL INTEGRATED CIRCUITS - LAB.				2	2	1	-	-	-	-	25	25	50	25	
08	6XN7	LINEAR INTEGRATED CIRCUITS - LAB.				2	2	1	-	-	-	-	25	25	50	25	
09	6XN8	INTRODUCTION TO MICROPROCESSORS - LAB.				2	2	1	-	-	-	-	25	25	50	25	
10	6XN10	COMMUNICATION SKILLS- LAB.				2	2	1	-	-	-	-	25	25	50	25	
		TOTAL	21	3	8	32	28				550				200		
															TOTAL		750

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NOTE :- Students will have to opt the Free Electives from other

(ii) Electronic Test Instruments : Analog & Digital
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