

Sant Gadge Baba Amravati University, Amravati

*Scheme of Implementation for
Four Year Undergraduate Degree Programme in
Engineering and Technology*

B.E. (Bachelor of Engineering), B.Tech. (Bachelor of Technology),
B.Text.E. (Bachelor of Textile Engineering) and other similar undergraduate
Engineering Degree Programmes

*in the faculty of
Science and Technology*

ACADEMIC EVALUATION SCHEME/CREDIT SYSTEM

Year: 2024-25

(Scheme of Examination w.e.f. 2024-25 and onwards)

Scheme for First Year Four Year Undergraduate Engineering Degree Programme Semester -I – [Common for all branches]													
Sr No.	Course Name	Code	Course Plan per Week (Hrs.)				Credits	Theory Evaluation		Practical Evaluation		Total	ESE Time Hrs.)
			L	P	T	Hrs.		IE	ESE	INT	EXT		
Core Courses													
1	Applied Mathematics -I (BSC)		3	0	0	3	3	40	60			100	2.30 Hrs.
2	Engineering Physics (BSC)		3	0	0	3	3	40	60			100	2.30 Hrs.
3	Computer Programming (ESC)		3	0	0	3	3	40	60			100	2.30 Hrs.
4	Engineering Mechanics (ESC)		3	0	0	3	3	40	60			100	2.30 Hrs.
Laboratory Courses													
5	Engineering Physics Lab (BSC)		0	2	0	2	1			25	25	50	
6	Computer Programming Lab (ESC)		0	2	0	2	1			25	25	50	
7	Engineering Mechanics Lab (ESC)		0	2	0	2	1			25	25	50	
8	Workshop (ESC)		0	2	0	2	1			25	25	50	
Vocational and Skill Enhancement Courses (VSEC)													
9	Technical Department Specific		1	2	0	3	2			50	-	50	
Ability Enhancement Courses (AEC)													
10	Professional Communication		1	2	0	3	2			25	25	50	
Co-curricular Course (CC)													
11	Co-curricular Course (CC)		0	4	0	4	2			50	-	50	
	TOTAL		14	16	0	30	22					750	

L: Lecture P: Practical T : Tutorial MSE: Mid Semester Exam ESE: End Semester Exam IE: Internal Evaluation INT: Internal EXT: External

Scheme for First Year Four Year Undergraduate Engineering Degree Programme Semester -II – [Common for all branches]													
Sr No.	Course Name	Code	Course Plan per Week (Hrs.)				Credits	Theory Evaluation		Practical Evaluation		Total	ESE Time Hrs.)
			L	P	T	Hrs.		IE	ESE	INT	EXT		
Core Courses													
1	Applied Mathematics -II (BSC)		3	0	0	3	3	40	60			100	2.30 Hrs.
2	Engineering Chemistry (BSC)		3	0	0	3	3	40	60			100	2.30 Hrs.
3	Basic Electrical Engineering (ESC)		3	0	0	3	3	40	60			100	2.30 Hrs.
4	Engineering Graphics (ESC)		2	0	0	2	2	40	60			100	2.30 Hrs.
Laboratory Courses													
5	Engineering Chemistry Lab (BSC)		0	2	0	2	1			25	25	50	
6	Basic Electrical Engineering Lab (ESC)		0	2	0	2	1			25	25	50	
7	Engineering Graphics Lab (ESC)		0	2	0	2	1			25	25	50	
Vocational and Skill Enhancement Courses (VSEC)													
8	Technical Department Specific		1	2	0	3	2			50	-	50	
Programme Core Course (PCC)													
9	Programme Core Course		2	0	0	2	2	20	30			50	2.00 Hrs.
Indian Knowledge System (IKS)													
10	Indian Traditional Knowledge		2	0	0	2	2	20	30			50	2.00 Hrs.
Co-curricular Course (CC)													
11	Co-curricular Course (CC)		0	4	0	4	2			50	-	50	
TOTAL			16	12	0	28	22					750	

L: Lecture **P:** Practical **T :** Tutorial **MSE:** Mid Semester Exam **ESE:** End Semester Exam **IE:** Internal Evaluation **INT:** Internal **EXT:** External