

GULBARGA UNIVERSITY

SYLLABUS FOR B.Sc. ELECTRONICS (SEMESTER SCHEME)

The syllabus is prepared according to the Regulation for B.Sc. Course (semester scheme). Electronics is one of the three optional subjects of equal importance.

The details of marks for each subject (Theory & Practical) and duration of examination are given on separate sheet.

The Chart showing details of course for subjects and practical is also enclosed. For convenience, optional subject-1 is considered as Electronics.

	No. of Hours	Paper Details
Semester –I	64	1.3 – Fundamentals of Electronics
Semester – II	64	2.3 – Electronic Circuits
Semester – III	64	3.3 – Electronic Circuits and Applications
Semester – IV	64	4.3 – Digital Electronics
Semester – V	60	5.1 – Communication Electronics - I
	60	5.2 – Digital Electronics & Microprocessors
Semester – VI	60	6.1 – Communication Electronics – II
	60	6.2 – Instrumentation, Interfacing & Microcontrollers 8031/51.

Details of Theory Papers and Practicals and Duration of Examination in Each Semester for subjects with Practicals is as shown below:

Semester	Course No.	Paper No.	Title of Paper	Duration of Examination		Marks	
				Theory Hrs	Practical Hrs	Theory	Practical
First	1.1	I	English	03	..	100	..
	1.2	I	Ind. Language/ Addl. English	03	..	100	..
	1.3	I	Optional - 1	03	03	100	50
	1.4	I	Optional - 2	03	03	100	50
	1.5	I	Optional - 3	03	03	100	50
Second	2.1	II	English	03	..	100	..
	2.2	II	Ind. Language/ Addl. English	03	..	100	..
	2.3	II	Optional - 1	03	03	100	50
	2.4	II	Optional - 2	03	03	100	50
	2.5	II	Optional - 3	03	03	100	50
Third	3.1	III	Communication English	03	..	100	..
	3.2	III	Communication Language/ Addl. English	03	..	100	..
	3.3	III	Optional - 1	03	03	100	50
	3.4	III	Optional - 2	03	03	100	50
	3.5	III	Optional - 3	03	03	100	50
Fourth	4.1	IV	Constitution of India	03	..	100	..
	4.2	IV	Computer Applications/ General studies	03	..	100	..
	4.3	IV	Optional - 1	03	03	100	50
	4.4	IV	Optional - 2	03	03	100	50
	4.5	IV	Optional - 3	03	03	100	50

Semester	Course No.	Paper No.	Title of Paper	Duration of Examination		Marks	
				Theory Hrs	Practical Hrs	Theory	Practical
Fifth	5.1	V	Optional - 1	03	03	100	50
	5.2	V	Optional - 1	03	03	100	50
	5.3	V	Optional - 2	03	03	100	50
	5.4	V	Optional - 2	03	03	100	50
	5.5	V	Optional - 3	03	03	100	50
	5.6	V	Optional - 3	03	03	100	50
Sixth	6.1	VI	Optional - 1	03	03	100	50
	6.2	VI	Optional - 1	03	03	100	50
	6.3	VI	Optional - 2	03	03	100	50
	6.4	VI	Optional - 2	03	03	100	50
	6.5	VI	Optional - 3	03	03	100	50
	6.6	VI	Optional - 3	03	03	100	50