



Bharatiya Vidya
Bhavan

BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE, HUMANITIES AND COMMERCE,
SAINIKPURI, SECUNDERABAD.

Autonomous College
Affiliated to OSMANIA UNIVERSITY, Hyderabad.
(Accredited with 'A' grade by NAAC)

Faculty of Science

B.Sc. Electronics

Course Structure


Classes: B Sc I Year, II Year and III Year

Year	Semester	Paper Code	Paper	Hours/ week	Internal Marks	Semester end exam Marks	Total Marks	Credits
I	I	EL 124	Circuit Analysis - Theory	4	30	70	100	4
		EL 124P	Circuit Analysis - Practicals	2	15	35	50	1
	II	EL 224	Semiconductor Devices- Theory	4	30	70	100	4
		EL 224P	Semiconductor Devices- Practicals	2	15	35	50	1
II	III	EL 324	Electronic Circuits- Theory	4	30	70	100	4
		EL 324P	Electronic Circuits - Practicals	2	15	35	50	1
	IV	EL 424	Operational Amplifiers and Communications- Theory	4	30	70	100	4
		EL 424P	Operational Amplifiers and Communications- Practicals	2	15	35	50	1
III	V*	EL 524	Digital Electronics-Theory	3	30	70	100	3
		EL 524P	Digital Electronics- Practicals	2	15	35	50	1
		EL 524A	8051 Microcontroller Elective-Theory	3	30	70	100	3
		EL 524A P	8051 Microcontroller Elective-Practicals	2	15	35	50	1
		EL 524B	Elective-Theory	3	30	70	100	3
		EL 524B P	Elective-Practicals	2	15	35	50	1
	VI*	EL 624	8085 Microprocessor-Theory	3	30	70	100	3
		EL 624P	8085 Microprocessor- Practicals	2	15	35	50	1
		EL 624A	Digital System Design with VHDL Elective-Theory	3	30	70	100	3
		EL 624A P	Digital System Design with VHDL Elective-Practicals	2	15	35	50	1
		EL 624B	Computer Organization Elective-Theory	3	30	70	100	3
		EL 624B P	Computer Organization Elective-Practicals	2	15	35	50	1

*Note: Students have to select any one elective paper each in semester V and semester VI.


CHAIRMAN

Board of Studies in Electronics
Osmania University, Hyd


22/03/2016