

### SEMESTER III

SN	Subject Code	Subject	Type	Category	Periods			Sessional Component		Sessional (SW) (TS/PS)	End Semester Examination (ESE)	Total SW+ESE	Credit Cr
					L	T	P	CT	TA				
1	BOE3** / BAS303	Science Based Open Elective/BSC (Maths-III/Math IV/ Math V)	T	ES/BS	3	1	0	20	10	30	70	100	4
2	BVE301 / BAS301	Universal Human Value and Professional Ethics/ Technical Communication	T	VA/H S	2	1	0	20	10	30	70	100	3
3	BEC301	Electronic Devices	T	PC	3	1	0	20	10	30	70	100	4
4	BEC302	Digital System Design	T	PC	3	1	0	20	10	30	70	100	4
5	BEC303	Network Analysis and Synthesis	T	PC	2	1	0	20	10	30	70	100	3
6	BEC351	Electronic Devices Lab	P	PC	0	0	2		50	50	50	100	1
7	BEC352	Digital System Design Lab	P	PC	0	0	2		50	50	50	100	1
8	BEC353	Network Analysis and Synthesis lab	P	PC	0	0	2		50	50	50	100	1
10	BCC301 / BCC302	Cyber Security/Python programming	T	VA	2	0	0	20	10	30	70	100	2
11	BCC351	Internship Assessment /Mini Project	P							100		100	2
		<b>Total</b>			15	5	6						<b>25</b>

- **Mathematics –III** for CE / ENV and allied branches
- **Mathematics-IV** for Computer/Electronics/Electrical & allied Branches, Mechanical & Allied Branches Textile/Chemical & allied Branches
- **Mathematics-V** for Bio Technology / Agriculture Engineering

## SEMESTER –IV

SN	Subject Code	Subject	Type	Category	Periods			Sessional Component		Sessional (SW) (TS/PS)	End Semester Examination (ESE)	Total SW+ESE	Credit Cr
					L	T	P	CT	TA				
1	BAS403 / BOE4**	BSC(Maths-III/Math IV/ Math V)/Science Based Open Elective	T	BS/ES	3	1	0	20	10	30	70	100	4
2	BAS401 / BVE401	Technical Communication / Universal Human Value and Professional Ethics	T	HS/VA	2	1	0	20	10	30	70	100	3
3	BEC401	Communication Engineering	T	PC	3	1	0	20	10	30	70	100	4
4	BEC402	Analog Circuits	T	PC	3	1	0	20	10	30	70	100	4
5	BEC403	Signal System	T	PC	2	1	0	20	10	30	70	100	3
6	BEC451	Communication Engineering Lab	P	PC	0	0	2		50	50	50	100	1
7	BEC452	Analog Circuits Lab	P	PC	0	0	2		50	50	50	100	1
8	BEC453	Signal System Lab	P	PC	0	0	2		50	50	50	100	1
9	BCC402 / BCC401	Python Programming/Cyber Security	P	VA	2	0	0	20	10	30	70	100	2
10	BVE451 / BVE452	Sports and Yoga - II / NSS-II	P	VA	0	0	3			100		100	0
		<b>Total</b>			<b>15</b>	<b>5</b>	<b>9</b>						<b>23</b>
		<b>Minor Degree/ Honors Degree MT-1/HT-1</b>											

\*The Mini Project or internship (4 weeks) will be done during summer break after 4<sup>th</sup> Semester and will be assessed during V semester.