

LIST OF SUBJECTS of UG and PG ODD SEM- 2023
Academic Year 2023-24

1st year 1st Semester:

SI no	Code	Course Title	Credit
1	MENUGES01	Engineering Mechanics	4
2	EENUGES01	Basic Electrical Engineering	3
3	MATUGBS01	Engineering Mathematics I	4
4	PHYUGBS01	Engineering Physics	3
5	CENUGES01	Engineering Graphics & Design	2.5
6	EENUGES02	Basic Electrical Engineering Lab	1.5
7	PHYUGBS02	Engineering Physics Lab	1.5
8	UCCUGAU01	Elementary Arabic and Islamic Studies	0

2nd year 3rd Semester:

Sl. No.	Subject Code	Subject Name	Credit
1	EENUGPC01	Electrical Network Analysis	4
2	EENUGPC02	Electromagnetic Fields	3
3	ECEUGPC01	Analog Electronics	3
4	MATUGBS03	Engineering Mathematics III	4
5	CSEUGOE01	Data Structures & Algorithms	3
6	UCCUGMC03	Indian Constitution	0
7	EENUGPC03	Electrical Network Analysis Lab	1.5
8	ECEUGPC04	Analog Electronics Lab	1.5

3rd year 5th Semester:

Sl. No.	Subject Code	Subject Name	Credit
1	EENUGPC07	Power Electronics	4
2	EENUGPC08	Control Systems	3
3	EENUGPC09	Power System I	3
4	ECEUGPC10	Microprocessor & Microcontroller	3
5	CSEUGOE03	Object Oriented Programming	3
6	EENUGPC10	Electrical Machine I Lab	1.5
7	EENUGPC11	Control Systems Lab	1.5
8	EENUGPC12	Power System Lab	1.5
9	ECEUGPC14	Microprocessor & Microcontroller Lab	1.5

4th year 7th Semester:

Sl. No.	Subject Code	Subject Name	Credit
1	EENUGPE13	High Voltage Engineering	3
2	EENUGPE14	Renewable Energy	3
3	MBAUGOE01	Entrepreneurship Development	3
4	MBAUGHU01	Industrial Economics & Management	4
5	EENUGPE06	Switchgear & Protection Lab	1.5
6	EENUGPR01	Summer Internship	2
7	EENUGPR02	Project I	4

M.Tech 1st Year 1st Sem Control System:

Sl. No.	Subject Code	Subject Name	Credit
1	EENPGPC01	Advanced Control Engineering	3
2	EENPGPC02	System Identification & Estimation	3
3	EENPGPE01	Optimization Technique	3
4	EENPGPE04	Principles of Industrial Instrumentation	3
5	EENPGPC51	Control System Lab I for PG	2
6	UCEPGMC01	Pedagogy Studies	0
7	UCEPGAU01	Elementary Arabic & Islamic Studies	0

M.Tech 1st Year 1st Sem Power System:

Sl. No.	Subject Code	Subject Name	Credit
1	EENPGPC11	Power Quality	3
2	EENPGPC12	Power System Analysis & Control	3
3	EENPGPE01	Optimization Technique	3
4	EENPGPE04	Principles of Industrial Instrumentation	3
5	EENPGPC53	Power System Lab I for PG	2
6	UCEPGMC01	Pedagogy Studies	0
7	UCEPGAU01	Elementary Arabic & Islamic Studies	0

M. Tech 3rd Semester:

Sl. No.	Subject Code	Subject Name	Credit
1	EENPGPE18	Sensors and Devices	3
2	EENPGPR02	Research Methodology & IPR	2
3	EENPGPR03	Dissertation I	10