

**Subject List for the Even (Spring) Semester Examination, 2024**

**Academic Session 2023-24**

**UG Courses**

**1<sup>st</sup> year 2<sup>nd</sup> Semester:**

Sl. No.	Subject Code	Name of the Subject	Credits
1	CSEUGES01	Programming for Problem Solving	3
2	ECEUGES01	Basic Electronics Engineering	3
3	MATUGBS02	Engineering Mathematics II	4
4	CHMUGBS01	Engineering Chemistry	3
5	ENGUGHU01	Communicative English	3
6	CSEUGES02	Programming for Problem Solving Lab	2
7	ECEUGES02	Basic Electronics Engineering Lab	1.5
8	MENUGES02	Workshop Practice	2
9	CHMUGBS02	Engineering Chemistry Lab	1.5
10	ENGUGHU02	Language Lab	1

**2<sup>nd</sup> year 4<sup>th</sup> Semester:**

Sl. No.	Subject Code	Name of the Subject	Credits
1	EENUGPC04	Electrical Machines I	4
2	EENUGPC05	Electrical & Electronic Measurements	4
3	ECEUGPC05	Digital Electronics & Logic design	3
4	MENUGOE02	Thermodynamics	3
5	BIOUGBS01	Biology for Engineers	2
6	UCCUGMC02	Environmental Science	0
7	EENUGPC06	Measurement Lab.	1.5
8	ECEUGPC08	Digital Electronics & Logic design Lab.	1.5

### **3rd year 6th Semester:**

Sl. No.	Subject Code	Name of the Subject	Credits
1	EENUGPC13	Electrical Machines II	4
2	EENUGPC14	Power System II	3
3	EENUGPE05	Switchgear & Protection	3
4	EENUGPE07	Modern Control System	3
5	ECEUGOE05	Microelectronics	3
6	EENUGPC15	Electrical Machines II Lab	1.5
7	EENUGPC16	Power Electronics Lab.	1.5

### **4th year 8th Semester:**

Sl. No.	Subject Code	Name of the Subject	Credits
1	EENUGPE17	Process Control	3
2	ECEUGOE08	Neural Network	3
3	MBAUGHU02	Professional Values & Ethics	2
4	EENUGPR03	Project-II	8
5	EENUGPC18	Grand Viva	2

### **PG Courses**

#### **M.Tech 1<sup>st</sup> Year 2<sup>nd</sup> Sem:**

**SPECILIZATION: CONTROL SYSTEM (CS)**

Sl. No.	Subject Code	Name of the Subject	Credits
1	EENPGPC03	Optimal & Robust Control	3
2	EENPGPC04	Non-Linear Control	3
3	EENPGPE02	Intelligent Control	3
4	EENPGPE03	Renewable Power Generation& Control	3
5	CENPGOE01	Waste to Energy	3
6	EENPGPC52	Control System Lab II for PG	2
7	EENPGPR01	Mini Project	2

**SPECILIZATION: POWER SYSTEM (PS)**

<b>Sl. No.</b>	<b>Subject Code</b>	<b>Name of the Subject</b>	<b>Credits</b>
1	EENPGPC13	Computer Applications to Power System	3
2	EENPGPC14	Advanced Power System Protection	3
3	EENPGPE02	Intelligent Control	3
4	EENPGPE03	Renewable Power Generation& Control	3
5	CENPGOE01	Waste to Energy	3
6	EENPGPC54	Power System Lab II for PG	2
7	EENPGPR01	Mini Project	2

**M.Tech 4<sup>th</sup> Semester:**

<b>Sl. No.</b>	<b>Subject Code</b>	<b>Name of the Subject</b>	<b>Credits</b>
1	EENPGPR04	Dissertation II	16