

GURU NANAK INSTITUTIONS TECHNICAL CAMPUS

(An UGC Autonomous Institution - Affiliated to JNTUH)
Ibrahimpattam, Ranga Reddy (District), Hyderabad - 501 506.



Department of Electrical & Electronics Engineering

Regulation - R22

COURSE STRUCTURE

(Applicable from the batch admitted during 2022-23 onwards)

II Year Semester I

S. No	Course Code	Course Title	Hours per Week			Credits
			L	T	P	
1	22BSOMA06	Numerical Methods and Complex variables	3	1	0	4
2	22PCOEE06	Power System-I	3	0	0	3
3	22PCOEC17	Analog Electronic Circuits	3	0	0	3
4	22PCOEE07	Electrical Machines-I	3	1	0	4
5	22PCOEE08	Electro Magnetic Fields	3	0	0	3
6	22PCOEE09	Electrical Machines Laboratory-I	0	0	2	1
7	22PCOEC18	Analog Electronic Circuits Laboratory	0	0	2	1
8	22PCOEE10	Electrical Simulation Tools Laboratory	0	0	2	1
9	22MCOEN04	Gender Sensitization Laboratory	0	0	2	0
Total			15	2	8	20

Dr. K. Santhi
(Chairman, BOS)

Dr. K. Naga Sujatha
(JNTUH Nominee)

Dr. E. Vidya Sagar
(Academic Council Nominee)

Dr. P.V. Prasad
(Academic Council Nominee)

Mr. S. V. Raman
(Industry Representative)

Dr. P. Parthasaradhy
(Member)

Dr. K.S. Chandragupta Mauryan
(Member)

Mr. D. Naveen Kumar
(Member)

Mr. G. Ranga Purushotham
(Member)

Mr. L. Sumanth Kumar
(Alumni)



GURU NANAK INSTITUTIONS TECHNICAL CAMPUS

(An UGC Autonomous Institution - Affiliated to JNTUH)

Ibrahimpattanam, Ranga Reddy (District), Hyderabad - 501 506.



Department of Electrical & Electronics Engineering

Regulation - R22

COURSE STRUCTURE

(Applicable from the batch admitted during 2022-23 onwards)

II Year Semester 2

S. No	Course Code	Course Title	Hours per Week			Credits
			L	T	P	
1	22PCOME18	Solid Mechanics and Hydraulic Machines	3	1	0	4
2	22PCOEE11	Measurements and Instrumentation	3	0	0	3
3	22PCOEE12	Electrical Machines-II	3	0	0	3
4	22ES0ECO2	Digital Electronics	2	0	0	2
5	22PCOEE13	Power System-II	3	0	0	3
6	22ES0ECO3	Digital Electronics Laboratory	0	0	2	1
7	22PCOEE14	Measurements and Instrumentation Laboratory	0	0	2	1
8	22PCOEE15	Electrical Machines Laboratory-II	0	0	2	1
9	22PRDEE01	Real-time Research Project/ Field Based Project	0	0	4	2
10	22MCOB01	Constitution of India	3	0	0	0
Total			17	1	10	20

Dr. K. Santhi
(Chairman, BOS)

Dr. K. Naga Sujatha
(JNTUH Nominee)

Dr. E. Vidya Sagar
(Academic Council Nominee)

Dr. P.V. Prasad
(Academic Council Nominee)

Mr. S. V. Raman
(Industry Representative)

Dr. P. Parthasaradhy
(Member)

Dr. K.S. Chandragupta Mauryan
(Member)

Mr. D. Naveen Kumar
(Member)

Mr. G. Ranga Purushotham
(Member)

Mr. L. Sumanth Kumar
(Alumni)

