



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Department of Electrical and Electronics Engineering

10-04-2025

UG COURSE EXPERT GROUP (CEG)

CEG - 1: ELECTRICAL CIRCUITS - Dr. T.Murali Krishna, Associate Professor

S.No.	Name of the course	Members
1.	Basic Electrical Engineering	Dr.CH.Venkata Krishna Reddy , Mr.M. Sri Suresh
2.	Electrical Circuit Analysis	Dr. B. Suresh Kumar, Mr.D. Sathish
3.	Electromagnetic Fields	Dr.G.Suresh Babu Mr.P. Hemeshwar Chary
4.	Electrical Circuits and Measurements Lab	Dr.C.Srisailam Mr.D.Harsha

CEG - 2: ELECTRICAL MACHINERY- Dr. G. Suresh Babu, Professor

S.No.	Name of the course	Members
1.	Electrical Machines - I	Mr.P.Hemeshwar Chary Mr.N.Santhosh Kumar
2.	Electrical Machines-1 Lab	Mr.N.Santhosh Kumar Mr.P.Hemeshwar Chary

CEG - 3: POWER SYSTEMS- Dr. P.Venkata Prasad, Professor

Sno.	Name of the course	Members
1.	Power systems-I	Dr. B. Suresh Kumar, Dr.R. Vijay

CEG - 4: CONTROL & MEASUREMENTS- Dr. P.Kowsthuba, Associate Professor

Sno.	Name of the course	Members
1.	Electrical Measurements and Instruments	Mr.I.Pranav Mr.C.Srisailam
2.	Control Systems	Mr.I.Pranav

		Dr. Madhulika Das
3.	Control Systems Lab	Mr.D.Harsha Mr.C.Srisailam

CEG - 5: ELECTRONIC ENGINEERING- Dr. N.Vasntha Gowri, Associate Professor

Sno.	Name of the course	Members
1.	Analog Electronic Circuits	Dr.P.Kowsthuba Mr.C.Harish
2.	Digital Electronics	Dr.CH.Venkata Krishna Reddy Mr.C.Harish
3.	Signals & System	Dr.K.Krishnaveni Mr. D.Harsha
4.	Analog Electronic Circuits Lab	Dr.P.Kowsthuba Mr.C.Harish
5.	Digital Electronics Lab	Dr.Ch.V. Krishna Reddy Mr.C.Harish


HoD/EEE



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Department of Electrical and Electronics Engineering

10-04-2025

UG_COURSE EXPERT GROUPS (CEGs)

CEG-1: POWER SYSTEMS: Dr. P. Venkata Prasad, Professor

Sno.	Name of the course	Members
1	Power Systems -II	Dr.B.Suresh Kumar Sri.N.Santhosh Kumar
2	Power System Operation and Control	Dr.B.Suresh Kumar Dr.B.Krishna Chaitanaya
3	Power Systems Lab	Dr.B.Suresh Kumar Sri.N.Santhosh Kumar
4	Optimization Techniques	Dr.C.Srisailam Dr.R. Vijay
5	Electrical Distribution Systems	Dr.B.Suresh Kumar Dr.R. Vijay
6	Introduction to Soft Computing Techniques	Dr.M.Balasubba Reddy Dr.B.Krishna Chaitanya
7	Introduction to Smart Grid	Dr.B.Krishna Chaitanya Dr.Mahmood Shaik
8	DC Microgrid	Dr.Mahmood Shaik Sri.D.Sathish
9	Big Data Analytics for Smart Grid	Dr.M.Balasubba Reddy Sri. M.Sri Suresh

CEG-2: ELECTRICAL MACHINES & DRIVES: Dr. G. SureshBabu, Professor

S.NO	Name of the course	Members
1	Electrical Machines-II	Sri.N.Santhosh Kumar Sri.P.HemeshwarChary

2	Electrical Machines- II Lab	Sri.N.Santhosh Kumar Sri.P.HemeshwarChary
3	Electrical Drives	Dr.Yawer Abbas Khan Dr.K.Krishnaveni
4	Electrical Drives Lab	Dr.Yawer Abbas Khan Dr.K.Krishnaveni
5	Special Electrical Machine	Dr.Yawer Abbas Khan Sri.N.Santhosh Kumar
6	Special Electrical Machines Lab	Dr.Yawer Abbas Khan Sri.N.Santhosh Kumar
7	Electrical Machine Design	Sri.I.Pranav Sri.P.HemeshwarChary
8	Energy auditing and management	Dr. N.Vasantha Gowri Sri.P.HemeshwarChary
9	Energy Auditing(OE)	Dr. N.Vasantha Gowri Sri.P.HemeshwarChary
10	Energy Conservation	Dr.N.Vasantha Gowri Sri.C.Srisailam

CEG-3: POWER ELECTRONICS: Dr. K. KrishnaVeni, Professor

S.NO	Name of the course	Members
1	Power Electronics	Dr.T.Murali Krishna Sri.Ch.Harish
2	Power Electronics Lab	Dr.T.Murali Krishna Sri.Ch.Harish
3	Digital Signal Processing	Dr. N.Vasantha Gowri Sri.D.Harsha
4	Design of Power Electronic Systems	Dr.P.Kowstubha Sri.Ch.Harish
5	Flexible AC Transmission Systems	Dr.T.Murali Krishna Dr.Sukanth.T
6	HVDC Transmission Systems	Sri.Ch.Harish, Ms.D.Sushma
7	Electric Vehicles	Dr. U.K. Choudhury Dr.G.Suresh Babu
8	Engineering Materials (OE)	Sri. D.Harsha Dr.Sukanth.T

CEG-4: AI & ML to EE: Dr. M. Balasubbareddy, Professor

S.NO	Name of the course	Members
1	IoT for Electrical Engineering	Dr. N.Vasantha Gowri Sri.P.HemeshwarChary
2	IoT for Electrical Engineering Lab	Dr. N.Vasantha Gowri Sri. Ch.Harish
3	Machine Learning	Dr. Madhulika Das Sri. M.Sri Suresh
4	Machine Learning Lab	Dr. Madhulika Das Sri. M.Sri Suresh
5	Data Analytics with Python	Dr.B.Suresh Kumar Dr. Madhulika Das
6	Simulation Techniques in Electrical Engineering	Sri.Ch.Harish Sri.I.Pranav

CEG-5: POWER SYSTEM: Dr. B. Suresh Kumar, Assoc. Professor

S.NO	Name of the course	Members
1	Electrical Simulation Lab	Dr. Madhulika Das Dr.B.Krishna Chaitanaya
2	Data Analytics Lab	Dr. M. Balasubba Reddy Dr. Madhulika Das
3	Power Quality	Sri.Ch.Harish Sri.D.Sathish
4	Utilization of Electrical Energy	Dr. Ch.V. Krishna Reddy Sri.D.Sathish
5	Electricity and Safety Measures	Sri.C.Srisailam Sri.D.Sathish

CEG-6: POWER SYSTEM: Dr. T. Murali Krishna, Assoc. Professor

S.NO	Name of the course	Members
1	Power System Protection	Dr.B.Krishna Chaitanaya Sri. N. Santosh Kumar
2	Digital Protection of Power System	Sri. N. Santosh Kumar, Dr.B.Krishna Chaitanaya
3	Waste Management(OE)	Dr.B.Krishna Chaitanaya Sri.D.Harsha

CEG-7: POWER ELECTRONICS: Dr. P. Kowstubha, Assoc. Professor

S.NO	Name of the course	Members
1	Advanced Power Converters(PE)	Dr.Yawer Abbas Khan Dr.T.Sudhakar Babu
2	Advanced Control Systems	Sri.I.Pranav Dr. Madhulika Das
3	Electrical Estimation and Costing	Sri.P.HemeshwarChary Sri.D.Sathish

CEG-8: RENEWABLE ENERGY: Dr. T.Sudhakar Babu, Assoc. Professor

S.NO	Name of the course	Members
1	Non-Conventional Energy Resources	Dr.G.Suresh Babu Dr. N.Vasantha Gowri
2	AI for Electrical Engineering	Dr. Madhulika Das Sri.C.SriSailam
3	AI Techniques Lab	Dr. Madhulika Das Sri.C.SriSailam
4	Energy Management System(OE)	Dr. N.Vasantha Gowri, Dr. U.K. Choudhury
5	Intellectual Property Rights to Engineers	Dr. U.K. Choudhury Dr.G.Suresh Babu

CEG-9: MPMC & VLSI: Dr. N. Vasantha Gowri, Assoc. Professor

S.NO	Name of the course	Members
1	Microcontrollers and Applications	Sri. I.Pranav Dr . P.Kowstubha
2	Microcontrollers and Applications Lab	Sri. I.Pranav Dr . P.Kowstubha
3	Computer Architecture and Organization	Sri. I.Pranav, Dr.P. Kowstubha
4	IoT for Electrical Engineering Lab	Sri. Ch.Harish Sri.D.Harsha ,
5	Basic VLSI Design	Sri. Ch.Harish Dr . P.Kowstubha


HoD/EEE



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Department of Electrical and Electronics Engineering

08-04-2023

PG_COURSE EXPERT GROUP (CEG)

CEG - 1: ADVANCED POWER SYSTEMS- Dr. P. Venkata Prasad, Professor

Sno.	Name of the course	Members
1.	Real-Time Control of Power Systems	Dr. B. Krishna Chaitanya Dr.A.Anil Kumar
2.	Smart Grid Technologies	Dr. N.V. Phanendra Babu P. Hemeshwar chary
3.	Restructured Power systems	Dr.P.Vijay Babu Dr.N.V.Phanendra babu
4.	Smart Electrical Distribution System	Dr.A.Anil Kumar G.Hari Krishna
5.	Advanced Computational Methods in Power Systems	Dr.B.Suresh Kumar N.Santhosh Kumar
6.	Advanced Power System Lab	Dr. Ch.V.Krishna Reddy Dr.N.V.Phanendra babu
7.	Distribution System Planning and Automation	Sri. D. Sathish M.Thirupathaiah

CEG - 2: POWER SYSTEMS- Dr. B. Suresh Kumar, Associate Professor

Sno.	Name of the course	Members
1.	Power Quality Improvement Techniques	Dr. B. Krishna Chaitanya Mr D. Sathish
2.	Energy Auditing and Management	Dr. N.Vasanth Gowri Mr. P.Hemeshwar Chary
3.	Microgrid Dynamics and Control	Dr. T.Murali Krishna Dr. P Vijay Babu
4.	Digital Protection of Power Systems	Dr. B. Krishna Chaitanya Mr. N. Santosh Kumar

5.	Power System Dynamics	Dr. N.V. Phanendra Babu Dr. A Anil Kumar
6.	Power Systems Computational Lab	Dr. N.V. Phanendra Babu Dr. A Anil Kumar

CEG - 3: ADVANCED POWER ELECTRONICS- Dr. K. Krishna Veni, Professor

Sno.	Name of the course	Members
1.	Advanced Power Electronic Circuits	Dr. P.Kowstubha Dr. M. Balasubbareddy
2.	Modelling and Analysis of Renewable Energy Sources	Dr. T.Sudhakar Babu Dr. A Anil Kumar
3.	Advanced Electric Drives	Dr. G.Suresh Babu Dr.Yawer Abbas Khan
4.	Power Electronics for Power systems	Dr. T.Murali Krishna Dr. N.V. Phanendra Babu
5.	Advanced Power Electronic Circuits and Electric Drives Lab	Mr. C.Harish Dr.Yawer Abbas Khan
6.	Mini Project	Dr. N.Vasantha Gowri Mr. C.Harish

CEG - 4: POWER ELECTRONICS- Dr. T. Murali Krishna, Associate Professor

Sno.	Name of the course	Members
1.	Design of Power Electronic Converters	Dr. K.Krishna Veni Dr. Ahmad Syed
2.	Advanced Control Techniques for Power Converters	Dr. T.Sudhakar Babu Dr. Madhulika Das
3.	Analysis of Power Converters	Dr. P.Kowstubha Dr. T.Sudhakar Babu
4.	High Power Inverters	Mr. C.Harish Dr. Ram Babu. T
5.	Power Converters and Control Techniques for Microgrids	Dr. P Vijay Babu Dr. Ch.V.Krishna Reddy

CEG - 5: ELECTRICAL MACHINES AND CONTROL- Dr. G. Suresh Babu, Professor

Sno.	Name of the course	Members
1.	Electric and Hybrid Vehicles	Dr. U.K. Choudhury Dr.Yawer Abbas Khan
2.	Signal Processing Techniques	Dr. N.Vasantha Gowri Mr. D.Harrsha

3.	Super Conductivity and its Applications	Dr. U.K. Choudhury Dr. Yawer Abbas Khan
4.	Industrial Project /Dissertation Phase I	Dr Ch. V. Krishna Reddy Dr. A Anil Kumar
5.	Industrial Project /Dissertation Phase II	Dr Ch. V. Krishna Reddy Dr. A Anil Kumar
6.	Waste to Energy	Mr. G.Hari Krishna Ms. D. Sushma

CEG - 6: CONTROL SYSTEMS- Dr. P. Kowstubha, Associate Professor

Sno.	Name of the course	Members
1.	Control and Integration of Renewable Energy Sources	Dr.P. Vijay Babu Dr. Madhulika Das
2.	Digital Control Systems	Mr. D. Harsha Dr. Madhulika Das
3.	Modern Control Theory	Mr. I. Pranav Dr. Madhulika Das

CEG - 7: EMERGING TECHNOLOGIES- Dr. M Balasubbareddy, Professor

Sno.	Name of the course	Members
1.	Evolutionary Algorithms Applications in Power Engineering	Dr. N.V. Phanendra Babu Dr. A Anil Kumar
2.	Machine Learning & Application	Dr. B. Krishna Chaitanya Dr. A Anil Kumar
3.	Smart Appliances and Internet of Things	Mr. P.Hemeshwar Chary Dr. N.Vasantha Gowri

CEG - 7: EMERGING TECHNOLOGIES- Dr. T. Sudhakar Babu, Associate Professor

Sno.	Name of the course	Members
1.	Wide Area Monitoring and Control	Dr. N. V. Phanendra Babu Dr. P. Vijay Babu
2.	Data Science Applications in Power Engineering	Dr. B. Krishna Chaitanya Dr. A. Anil Kumar
3.	Data Science Applications Lab	Dr. Madhulika Das Dr. Yawer Abbas Khan Dr. Abas Khan


HoD/EEE