

Faculty Achievements

Grants received from AICTE:

S. No	Academic Year	Name of the Scheme	Funded by Organization	Details of Coordinator/ PI	Sanctioned Amount	Present status (Completed/ Ongoing)
1	2019-20	STTP	AICTE	Dr C.Venkatesh Professor, EEE Dept.	2,28,167/-	Completed
2	2019-20	PRERANA	AICTE	Dr G. Rajender Naik, Assoc. Professor, EEE Dept.	9,40,000/-	Ongoing

Awards received by Faculty:

S. No	Name of the Faculty Member	Details of the Award	Academic Year	Details
1	Dr. V Ashok	CIGRE Thesis Award	2021-22	By International Council for large electric systems, Paris
2	Dr. V Ashok	STAIR Thesis Award	2021-22	By STAIR progressive forum, Mumbai
3	Dr. Y. Manjusree	Woman Researcher award	2020-21	By Elsevier
4	Dr. B Pradeep Kumar	Budding Researcher award	2020-21	NIT Trichy
5	Dr. G Sudheer Kumar	INDIA Top Cited Author Award 2019	2019-20	Presented by IOP Publishing for paper in Nanotechnology area
6	Dr. M. Santhosh	Outstanding reviewer award-2018	2018-19	Presented by Applied Soft Computing journal (Elsevier).
7	Dr. A. Madhukar Rao	Best Research Scholar of the year 2017 award in engineering and technology	2017-18	By Telangana state council of science and technology (Telangana Govt.) and Institution of Engineers on 15th September 2017.
8	Dr. D. Rakesh Chandra	POSOCO Power System award by FITT-IIT Delhi	2016-17	For the best Ph.D. thesis in February 2017
9.	Dr. G. Ravi Kumar	Union Ministry of Energy Department of Power	2016-17	By Govt. Of India

NPTEL Course certifications by the faculty:

S.No	Academic Year	Total No. of Certifications
1.	2022-23	08
2	2021-22	01
3	2020-21	12
4	2019-20	06

Faculty as Session Chairs /Resource Persons: CAYm1_ 2021-22

S. No	Name of the Faculty	Session Chair/ Resource Person	Name of the Conference/SDP/GL	Organizing Institutes	Academ ic year
1.	D.Rakesh Chandra	Resource Person	Forecasting of Solar and Wind Power generation	ATAL FDP on Challenges and Control of Green and Sustainable Energy Systems using AI Techniques, BVRIT HYD	2021-22
2.	Dr.G.Rajendar	Session Chair	2nd International Conference On Intelligent Computing chniques for Smart Energy Systems-2021 (ICTSES-2021)	Manipal University, Jaipur	2021-22

Faculty as Session Chairs /Resource Persons CAYm2_ 2020-21

S. No	Name of the Faculty	Session Chair/ Resource Person	Name of the Conference/SDP/GL	Organizing Institutes	Academic year
1.	Prof. C. Venkatesh	Session Chair	Springer 4th International Conference on Data Engineering & Communication Technology (ICDECT-2020)	Kakatiya Institute of Technology and Science(KITS), Warangal	2020-21
2.	Prof. C. Venkatesh	Resource Person	1-week FDP on Recent Advances in Power Electronics and Power Conversion for DG	Balaji Institute Technology & Science, Narsampet	2020-21
3.	Prof. C. Venkatesh	Resource Person	1-week FDP on National Level Series of Webinars	Sreedevi Women's Engineering College, Hyderabad	2020-21
4.	Dr. D. Rakesh Chandra	Resource Person	Demand Side Management and Demand Response in a Smart Micro Grid	Bapatla College, Bapatla	2020-21
5.	Dr. D. Rakesh Chandra	Resource Person	Demand Side Management in a Smart Micro Grid incorporating EVs	KITS, WGL (AICTE FDP)	2020-21
6.	Dr. D. Rakesh Chandra	Resource Person	Wind Power Forecasting in Deregulated Power Market	AICTE FDP on Renewable Energy Development in Deregulated Power Market, JITS, Narsampet	2020-21
7.	Dr. B.Jagadish Kumar	Session Chair	International Conference on Research in Sciences, Engineering and Technology (ICRSET-2021)	SRIT, Warangal	2020-21
8.	Dr. B.Jagadish Kumar	Session Chair	International Conference on Recent Advances in Engineering and Management(ICRAEM-2020)	SRIT, Warangal	2020-21

Books/Book chapters authored by the faculty(2021-22):

S.No	Name of the faculty	Title of the book	Details of publication
1	Dr. V Ashok	Book Chapter 3 – “An Intelligent Scheme for Scheme for Classification of shunt faults including atypical faults in double circuit transmission line” Page.no: 59-78	Book Title: “Artificial Intelligence Applications in Electrical Transmission and Distribution Systems protection”, T&F Group, (CRC Press), 2022, ISBN-9780367552343
2	Dr.B. Vijay Kumar	Recent Developments in Engineering and Management	TECH Press, Delhi, ISBN-9764366785437
3	Dr.B.Jagadish Kumar	Grid Connected PV System with a Feed Forward Control	LAMBERT Academic Publishing ISBN- 9786204746975

Patents Granted information:

S. No	Faculty Name	Title of the Patents Granted.	National/ International	Patent Application Number	Date of Patent Granted
1	Prof. V. Rajagopal	A Hydro Power System	National	Patent No. 360290	04 March 2021
2	Dr. B. Vijay Kumar, Dr. G. Rajendar	Electric Car: Display the Charging Location, Charging Time (Fast-Slow), Charging Rate, Battery Life Detect and Notified	International	Patent number: 2021101068, 21/4/2021	21.4.2021
3	Dr. B. Jagadish Kumar	Solar Park Monitoring And Fault Detection System Using IoT And Machine Learning	International	Patent No: 2021102330 (Australian patent)	09-06-2021
4	Dr. B. Vijay Kumar, Dr. G. Rajendar	Development of IOT Based Accident Detection and Smart Traffic Signal Monitoring	National	-	19 th Nov 2021
5	Dr. G. Rajendar, Dr. B. Jagadish Kumar	Development of IOT Based Flood Alert System	National	202141053947	10 th Dec 2021

Faculty as research supervisor:

S. No	Name of the Research Supervisor	Name of the Research Scholar	Year of Registration	Title of the Research Work	Institute/ University registered by the scholar	Awarded (date) / Ongoing
1	Prof. V. Rajagopal	J. Bangaraju	2013	Custom Power Devices (DSTATCOM and DVR)	JNTU Hyderabad	Ongoing
2	Prof. V. Rajagopal	B. Subhash	2014	Isolated wind power generation	JNTU Hyderabad	Ongoing
3	Prof. V. Rajagopal	K. Amritha	2015	IG wind power generation	KL University, Vijayawada	Ongoing
4	Prof. V. Rajagopal	K. Lakshmaiah	2017	Various Algorithms for UPQC	JNTU Hyderabad	Ongoing

STTP/Conferences/Workshop/Seminars/ Symposia organized by the Faculty

S. No	Name of the faculty	Title of STTP/Conferences/Workshops ORGANIZED	Duration		Host
			From	To	
1.	Sri T. Praveen Kumar & Sri K. Ajith	OBE Reports generation using BEES & Google drive usage	29-06-2022	30-06-2022	EEE
2.	Prof. C. Venkatesh	dSPACE DS1104 and its applications to Power Electronics & Drives	29-06-2022	30-06-2022	EEE
3.	Prof. C. Venkatesh, Dr. A. Pranay Kumar	Latex For technical writing	30-12-2021	30-12-2021	EEE
4.	Prof. C. Venkatesh, Prof. V. Rajagopal	Electric Vehicle battery Charging System with Renewable Energy Sources – Phase-II	14.12.2020	19.12.2020	AICTE
5.	Prof. C. Venkatesh, Prof. V. Rajagopal	Electric Vehicle battery Charging System with Renewable Energy Sources – Phase-I	02.11.2020	07.11.2020	AICTE
6.	Prof. C. Venkatesh, Prof. V. Rajagopal	Micro Grid, Electric Vehicles & Allied Areas	01.06.2020	05.06.2020	EEE & ISTE-KITSW
7.	Prof. C. Venkatesh	Fundamentals of MATLAB-SIMULINK & its inclusion into I2RE T-L Process (FMSITLP)	05.12.2020	05.12.2020	IQAC
8.	Prof. C. Venkatesh	Control System Simulation - A MATLAB Approach	21.12.2020	25.12.2020	IQAC
9.	Dr. B. Jagadish Kumar	NBA Accreditation process for Faculty of Govt. Polytechnic Institutions	15.02.2020	07.03 2020	IQAC
10.	Dr.Y.Manjusree	one week online FDP "Real-time Protection of Modern Power Systems (RPMPs-2020)	23.06.2020	27.06.2020	EEE
11.	Sri. G. Rakesh Yadav	Latest Hiring Trends & Virtual Interview	06.07.2020	06.072020	Training & Placement Cell