



POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING & TECHNOLOGY

SPONSORED BY SKPVV HINDU HIGH SCHOOLS COMMITTEE, Estd : 1906

APPROVED BY AICTE, NEW DELHI, AFFILIATED TO JNTU KAKINADA

ACCREDITED BY NAAC, NBA for B.TECH PROGRAMS in CSE, ECE & EEE, ISO 9001:2015 CERTIFIED

7-3-6/1, RAGHAVA REDDY STREET, ONE TOWN, VIJAYAWADA - 520001

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COLLEGE CODE : **PSCV** [EAMCET, ECET, ICET, POLYCET]



FACULTY PROFILE

R.JAYA LAKSHMI
W/O R.PRASAD
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UNDAVALLI VILLAGE
TADEPALLI MANDAL
GUNTUR DISTRICT
ANDHRA PRADESH – 522501



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Experience:

Teaching: May2021 – Till date

Career Profile

Year	Organization	Role
2021	Potti Sriramulu Chalavadi Mallikarjuna Rao college of Engg. And Tech., Vijayawada	Assistant Professor

Qualification

Degree and Date	Board / University	Date of Completion	% Marks
M.Tech (PSAC)	P.V.P Siddhartha Engineering College (AUTONOMOUS)	2015	8.42(CGPA)
B.Tech (EEE)	PSRCMR college of Engineering and Technology(JNTUK)	2013	82
Intermediate	Narayana college, vijayawada	2009	89.7
SSC	VZPH school penumaka	2007	83.33

The subjects handled:

ECA1,BEEE,SGP,RES,CS,PSA,DCMT

Certifications

Certification	Date Certified
Nptel certificate-basic electrical engineering	July-Dec 2022
Nptel certificate-recent advances in transmission insulators	Jan-Feb 2022
Nptel certificate-control engineering	Jan-July2023
Build a Full Website using WordPress(COURSERA)	Nov 18, 2023
Create a Lead Generation Messenger Chatbot using Chatfuel(COURSERA)	Oct 3, 2023
Azure: create a REST API using NodeJS Serverless Functions(COURSERA)	May 29, 2023

Affiliation to Professional Bodies

1. IAENG
2. IEI
3. IAAC

Publications:

1. R.Jaya lakshmi,“**Diagnosis methods of stator short circuit faults of BLDC Motor Using Adaptive Neuro-fuzzy Inference (ANFIS) system and Wavelet**” IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278- 1676,p-ISSN: 2320-3331, Volume 10, Issue 5 Ver. I (Sep – Oct. 2015).
2. R.Jaya lakshmi,“**An Analysis of Energy Consumption Model for InternetConnectivity in MANETS**”International Journal of Innovative Research in Science and Technology Volume 01, Issue 02, September 2021 (ijirst)
3. R.Jaya Lakshmi“**Scenario-Based Simulation Experiments and Metrics for Certificate-Based Authentication in MANETS**” International Journal of Innovative Research in Science and Technology volue 01, Issue 01, August 2021(ijirst)
4. R.Jaya lakshmi, “**a Novel reduced-switch MLI topology for grid tied solar-pv system** “ Vol-7 Issue-4 2021 IJARIE-ISSN(O)-2395-4396).
5. A.Sai Pallavi1 R.Jaya Lakshmi 2 “**A Cuckoo MPPT based Sliding Mode Control for Grid tied PV System**” ISSN: 2278-4632(UGC Care Group I Listed Journal) Vol- 12 Issue-12 No.02, December 2022.
6. R.Jaya Lakshmi “**Application of ANN Based UPQC for Power Quality Enhancement in Smart Grid**”Vol-12 Issue-12 No.02, December 2022 .ISSN: 2278- 4632.
7. N.Saida Naik1 R.Jaya Lakshmi2 “**Controlling of Electrical Vehicle Charging Conditions using PV based Bidirectional Dc-Dc Converter**” ISSN:095-1386 (Wesleyan Journal of Research)
8. R.Jaya Lakshmi “**Implementation of ANFIS based UPQC for Power Quality Enhancement in Smart Grid**”ISSN:095-1386(Wesleyan Journal of Research)
9. Mr. P. SubhaniKhan1 R.Jaya Lakshmi2 “**Controlling of PV fed BLDC Motor with Optimization Technique**” ISSN: 0970- 2555 Volume : 52(Industrial EngineeringJournal)

10. R.Jaya Lakshmi “**Implementation of ANN controller to mitigate voltage fluctuations in Wind Energy Based PMSG by DSTATCOM**” ISSN: 0970- 2555
Volume : 52(Industrial EngineeringJournal)

Conferences, Seminars, Workshops & Guest Lectures Attended

1. Attended FDP titled **HYBRID ELECTRIC VEHICLES** at VRSEC-GMRIT on 21st -25th November 2022.
2. Attended FDP titled **Modern Technologies for grid integration of RES** at NARAYANA ENGINEERING COLLEGE on 14-18th March 2023.
3. Attended FDP titled **ELECTRIC VEHICLES-TECHNOLOGICAL ADVANCEMENTS AND TRENDS** atVVIT on 14-18th March 2023.
4. Attended FDP titled **FRONTIER RESEARCH IN ELECTRICAL ENGINEERING** at IQAC&Haldia Institute Of Technology 18-09-23 TO 22-09-23
5. Attended **POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES (PEASE - 2021)**from 2021-06-25 to 2021-06-29 at National Institute of Technology Andhra Pradesh.
6. Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**IoT with Smart City**" from 13/09/2021 to 17/09/2021 at Government Polytechnic Daman.
7. Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**RENEWABLE ENERGY FOR INDUSTRIAL & DOMESTIC APPLICATIONS**" from 06/09/2021 to 10/09/2021 at Jawaharlal nehru technological university anantapur college of engineering pulivendula
8. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**RECENT ADVANCES IN SIGNAL PROCESSING**" from 2021-08-02 to 2021-08-06 at Jawaharlal nehru technological university kakinada

Events organized/ Conducted

1. Organized ESSAY writing and Slogan competitions in PSCMRCET on the occasion of engineer's day on Sept 15th 2023.
2. Organized EXTEMPORE and Slogan competitions in PSCMRCET on the occasion of Energy conservation week from 8-14 DEC 2023.

Signature

R.JAYA LAKSHMI