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|  | Name | G. Rajitha |
| | Designation | Assistant Professor |
| | Email Id | rajitha.reddy87@gmail.com |
| | Employment Status | Full Time – Ratified by JNTUH |
| | Qualification | M. Tech. Power Electronics, JNTUH |
| | Professional Exp. | 2 Years 6 Months Industrial + 7 Years 5 Months Teaching Experience |
| | Research Interests | Power Electronics, Control Systems, PLC & SCADA Systems |

Details of Experience

| S. No. | Designation | Organization | Period | | Duration |
|--------|----------------------|------------------------------|----------|------------|------------------|
| | | | From | To | |
| 1 | Assistant Professor | ACE Engineering College | Sep 2015 | Till Date | 7 Years 5 Months |
| 2 | PLC & SCADA Trainer | ABS Automation Pvt. Ltd. | Dec 2012 | May 2013 | 6 Months |
| 3 | Automation Engineer | Techno Automation & Controls | Feb 2011 | March 2012 | 1 Year |
| 4 | Application Engineer | Blue Horizon Services | Jan 2010 | Nov 2010 | 11 Months |

Academic Credentials

- Master of Technology in Power Electronics With 76.38% during 2013-2015 from SMEC Affiliated To J.N.T. University, Hyderabad, Telangana
- Bachelor of Technology With 71.23% in Electrical & Electronics Engineering during 2005 – 2009 from MCET Affiliated To J.N.T. University, Hyderabad, A.P
- Intermediate With 76% during 2003-2005 from Nalanda Jr. College B.I.E. Hyderabad.
- S.S.C. From Board Of Secondary Education, Hyderabad With 77.17% In The Year 2003

Professional Membership

- Life member of Indian Academic Researchers Association (IARA) Membership No. 612/2021
- Life member of International Association of Engineers (IAENG) Membership No. 281174

Achievements

- Received “Mondialogo Engineering Bronze International Award 2008 / 09” from an initiative by DAIMLER & UNESCO selected from among 932 Project ideas submitted during the award ceremony held in Stuttgart, Germany On 9 November 2009.
- Awarded Second Prize for the Project Proposal named as “Hybrid Power Generating System for Village Electrification” (Using Solar And Wind Power) during “EWB - India’s Student Green Award” National Competition on 15th March 2015 at MJCET, Hyderabad.

Trainings & Certifications

- Trained in the course of Solar PV Online training program from 20-04-2020 to 24-04-2020 organized by NSIC Hyderabad
- Certification from NPTEL on the Course Introduction to Research Feb - Apr 2020
- Certification from NPTEL on the Course Electric Vehicles Part – 1 Feb - Mar 2020
- Certification from Tata Steel for completing Elearning program on Transformer, Induction Motor & PLC's

Additional Responsibilities in the Department

- Department Project Co - ordinator for Major & Mini projects.
- EED Lab In-Charge & Class Incharge
- Department Time Table Coordinator
- J – Hub, NBA & NAAC Co – ordinator
- Faculty Coordinator for 3 days workshop titled “Integration of Advanced Switchgear Protection with PLC, SCADA & IoT” in Association with Enrun India Pvt. Ltd. held on 23rd to 25th Feb 2023
- Faculty Coordinator for “NCASCTE – 2022” 1st National Conference on Applications of Soft Computing Techniques in Engineering on 9th & 10th December 2022
- Faculty Coordinator for “RESD 2022” A Two Day Workshop on 28th & 29th Nov 2022 at ACEEC in association with Capricot Technologies Pvt. Ltd.
- Faculty Coordinator for “HACKFEST 2020” A Two Day National Level 36 hours Hackathon on 28th & 29th Jan 2020 at ACEEC
- Faculty Coordinator for “Faceit2k19” A National Level Student Technical Symposium organized on 8th & 9th March 2019 at ACEEC
- Faculty Coordinator for “HACKFEST 2019” A Two Day National Level 36 hours Hackathon on 18th & 19th Jan 2019 at ACEEC
- Faculty Coordinator for “IAEI – 2018” (Industrial Automation & Electrical Installation) A National Level one week FDP program from 6th – 11th August 2018 at ACEEC
- Faculty Coordinator for “Faceit2k15” A National Level Student Technical Symposium organized on 9th&10th October 2015 at ACEEC

Subjects Taught

- Non Conventional Sources of Energy
- Introduction to Mechatronics
- Basic Electrical & Electronics Engineering
- Fundamentals of HVDC & FACTS Devices
- High Voltage Engineering

No. of Projects Guided

- B.Tech. – 16

No. of Industrial Visits Coordinated: 5

- Yateen Electrical Pvt. Ltd.
- Nagarjuna Sagar
- CPRI - Narapally
- LOCO SHED – Secunderabad
- Fillrite Packing Solutions

List of Publications

| S. No. | Name Of The Journal | Month, Year | ISS N | Page No. | Scientific Journal IF | Title Of The Paper | Other Details |
|--------|-------------------------------------------------------------------------------------------------|---------------|----------------------|-------------|-----------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | International Journal Of Progressive Research In Engg Management And Science (IJPREAMS) | December 2022 | e-ISSN : 2583 - 1062 | 10 to 14 | 2.265 | Dhi Yaanagruh | Vol. 02 Conference 01 |
| 2 | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | December 2022 | 2582-5208 | 83 to 87 | 6.752 | Shadow Analysis for Solar PV Plant using Google Sketch up | Volume : 04 Conference : 01 |
| 3 | Journal of Emerging Technologies and Innovative Research | May 2022 | 2349-5162 | | 7.87 | Speaking Microcontroller for Deaf and Mute people | Volume 9, Issue 5 |
| 4 | Journal of Emerging Technologies and Innovative Research | June 2022 | 2349-5162 | | 7.87 | Voice Controlled Vehicle | Volume 9, Issue 6 |
| 5 | International Research Journal of Modernization of Engineering Technology and Science | July 2022 | 2582-5208 | | 6.752 | Wireless Power Transfer for Electrical Vehicle Applications | Volume 4, Issue 7 |
| 6 | The International journal of analytical and experimental modal analysis (IJAEMA) | April, 2020 | 0886-9367 | 2067 – 2075 | 6.3 | Head Gesture Control Wheelchair And Health Monitoring System | Volume 12, Issue IV, Available at http://ijaema.com/ UGC-CARE Group 'II' Journals list -Serial No. 36272 |

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| 7 | International Journal for Research in Applied Science & Engineering Technology (IJRASET) | April, 2019 | 2321-9653 | 3296 - 3301 | 6.887 | Trinetra – The Security Robot | Volume 7 Issue IV, Available at www.ijraset.com IC Value: 45.98 |
| 8 | International Journal for Research in Applied Science & Engineering Technology (IJRASET) | April, 2019 | 2321-9653 | 3613 - 3616 | 6.887 | Smart Car Parking System using FX1U PLC | Volume 7 Issue IV, Available at www.ijraset.com IC Value: 45.98 |
| 9 | International Journal of Electrical and Electronics Engineering (SSRG - IJEEE) | February, 2019 | 2348 – 8379 | 1-5 | 2.01 | PLC Controlled Elevator System using XC1 PLC through Ladder Programming | Volume 6 Issue 2, Available at www.internationaljournalsssrg.org |
| 10 | International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) | March, 2018 | 2321-8169 | 155 - 158 | 5.837 | Power Monitoring System Using XC1 PLC | Volume: 6 Issue: 3, Available at www.ijritcc.org |

List of Workshops/ Short-Term Courses/ Conferences / Seminars / FDP's attended

| S. No. | Name Of The Program | Organization Conducting | Place & Year |
|--------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------|
| 1 | Web Tutorial Program on Fundamentals of High Voltage Engineering & Its Applications to Power Sector | Central Power Research Institute | Hyderabad & 9 th December 2022 |
| 2 | One Day Training Workshop on Smart Grid Applications in Distribution | Centre of Plant Engineering Services (COPEs) | Secunderabad & 25 th November 2022 |
| 3 | 40 hour Online FDP program on Applications of Power Electronics to Electric Vehicles and Hybrid Energy Storage Systems | NIT Warangal and CVR College of Engineering | 21 st to 30 th March 2022 |
| 4 | Five Day Online FDP on Recent Trends in Power Electronics and Energy Storage Systems | Vardhaman College of Engineering | Hyderabad & 10 th – 14 th June 2020 |
| 5 | A One week Online workshop on IoT: Applications in Smart Energy Management-2020 | Maulana Azad National Institute Of Technology | Hyderabad & 25 th – 29 th May 2020 |
| 6 | A One week Solar PV Online Training Program | NSIC | Hyderabad & 20 th – 24 th April 2020 |
| 7 | A two day workshop on Future of Drone Technology and its Application in association with ARIES Solutions Pvt. Ltd. | ACE Engineering College | Hyderabad & 14 th – 15 th Feb 2020 |
| 8 | Six day FDP on Applications of Digital Signal Processing Techniques for Power Electronic Systems | NIT Warangal | Warangal & 13 th – 18 th May 2019 |
| 9 | One week FDP on Recent Trends in Power Systems and Power Electronics | ACE Engineering College | Hyderabad & 19 th – 24 th June 2017 |
| 10 | One week FDP on Power Electronic Applications to Renewable Energy Systems | Vardhaman College of Engineering | Hyderabad & 12 th – 17 th June 2017 |
| 11 | One week Course on Automation Using Micro PLC's (Siemens Logo) | ATI - EPI | Hyderabad & 29 th Feb 2016 – 04 th March 2016 |
| 12 | One week Training Program on Power Electronics & Drives For Vehicular Systems – Technology Status & Future Trends | Osmania University | Hyderabad & 23 rd – 28 th November 2015 |

Station: Hyderabad