

D.VIJAYARUN

Department:Electrical and Electronics Engineering
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ACADEMIC QUALIFICATIONS : B.Tech(EEE), M.Tech(PEED)

ACADEMICREWARDS/ACHIEVEMENTS: NIL

PROFESSIONALEXPERIENCE:

Designation	Institution	Period
Assistant Professor	Seshadri Rao Gudlavalleru Engineering College	15-10-2012toTill date

PROJECTSGUIDED:

PhD	Post Graduation	Under Graduation
NIL	6	11

SPECIALIZATION: Power & Industrial Drives

RESEARCHPAPERS/BOOKS: NIL

BOOKSPUBLISHED IN PUBLICATIONS: NIL

PAPERSPUBLISHEDINJOURNALS:

- D.Vijay Arun published a paper entitled, “Solar Wireless Electric Vehicle Charging System “Volume -05,Issue-04,April 2023.
- Presented paper with entitled, “ A Novel Model Reduction Approach for Linear Time Invariant system via Whale Optimization Algorithm” at International Conference AITEES-2022 organized by Department of Electrical and Electronics Engineering ,Seshadri Rao Gudlalleru Engineering College.
- D.Vijay Arun and S.Arun Kumar published a paper entitled, “Fuzzy Logic Based Fault Current Interruption by DVR” Volume 5 ,Issue2,Dec 2015.
- D.Vijay Arun and N.Dhana Srikala published a paper entitled, “Improvement of Power Quality in Distrubution System by Cascaded Inverter based STATCOM” Volume.04,Issue.26,July-2015,Page No. 4987-4993
- D.Vijay Arun and Nagul Saidulla Meer published a paper entitled , “Improvement of Power Quality by Interleaved Boost Converter With Fuzzy logic Controller” International Journal of Latest Advances in Electronic AND Electric Engineering (JLAEEE),ISSN:2319-8885Volume-3,Issue-2,2014
- D.Vijay Arun and Ganji Sai Kumar published a paper entitled, “ Analysis and Implementation of bidirectional DC to DC converter by using Fuzzy Logic Controller” International Journal of Scientific & Engineering research ,Volume 5,Issue 1,January 2014.

PAPERS PUBLISHEDIN CONFERENCES/WORKSHOPS:

Participated in National Level Conference organized by CBIT ,Hyderabad during January 24th - 25th, 2013 and presented paper titled “DSTSATCOM Transient response based Dc-link Voltage Controller.

LISTOFWORKSHOPSORGANIZED: Conducted a Oneweek Refresher course On “Basic Electrical Engineering” From 19th -24th June 2017 at Gudlalleru Engineering College

LISTOFWORKSHOPS/CONFERENCES/SEMINARSATTENDED:

- Attended a one week Online Faculty Development Program on “PLC HMI (Human – Machine Interface) Design and Integration” from 1st July to 6th July 2024.
- Attended a one week Online Faculty Development Program on “Attended a one week Online Faculty Development Program on” from 16th October to 20th October 2023.
- Attended a one week International Faculty Development Program on “IOT, Industry 4.0 and stress Management” from 17th July to 22nd July 2023
- Attended a one week Online Faculty Development Program on "Advances in Renewable Energy and Electric Vehicles” from 20th February to 24th February 2023.
- Attended Online Faculty Development Program on “Advances in Optimization and Control of Electrical Engineering Systems” from 11th July to 20th July 2022.
- Attended a one week faculty development program on “Modeling and Simulation of

Electrical Systems” from 28th February 2022 to 4th March 2022.

- Attended a one week faculty development program on A One week faculty Development Program “”Intelligent Control techniques for Electrical Systems” From 31st January 2022 to 4th February 2022.
- Participated A five day National Level work shop on “MATLAB and its Applications for project Development in Electrical Engineering” from 26th October to 30th October 2021.
- Participated AICTE Sponsored one week Online Short-term Training Program (STTP) on “Power Systems and Power Electronics For Green Energy” from 13th Sept 2021 to 18th Sept 2021.
- Attended a One week AICTE sponsored STTP on “Automation and Intelligent control of Electrical Systems -Phase-1V” from 15th March 2021 to 20 March 2021 .
- Attended a One week AICTE sponsored STTP on “Automation and Intelligent control of Electrical Systems -Phase-II” from 21st Sept 2020 to 26th Sept 2020.
- Attended a One week AICTE sponsored STTP on “Automation and Intelligent control of Electrical Systems -Phase-1” from 3rd August 2020 to 8th August 2020.
- Participated in “A National Level webinar on Energy billing systems an Energy Conservation” organized by Department of Electrical and Electronics Engineering ,Vidya Jyothi Institute of Technology ,Hyderabad on 1st July 2020.
- Attended a One week National online FDP on “Online Teaching –Learnin Processs Using ICT Tools for Education 4.0” organized by Department of Information Technology .SVP CET Nagpur from 8th June to 13th June 2020.
- Completed the “Faculty Awareness Programme in NBA Accerditation ” Organized by IQAC Cell PACE Institute of Technology and sciences ,Ongole on 19th May 2020
- Participated in webinar on “free/libre Open source software in Education :IIT Bombay Spoken Tutorial Shows the way” organized by center for Industrial Relations and industry cademia Cell Association with Institute Innovation Council on 18th May 2020.
- Participated one day workshop on “Role of Energy Storage & Plug- in Vehicles in Smart Grid: Challenges & Opportunities” Organized by Audisankara Group of Institutions on 30th May 2020.
- Completed “Three Day Research Methodology Workshop ” organized by REST Society for Research International (RSRI) Krishnagiri ,Tamilnadu from 18th April to 20th April.
- Participated in One week Faculty Development Program on “Applied Research on Renewable Energy sources and Micro Grids” from 18th Nov 2019 to 23rd Nov 2019 at Gudlavalleru Engineering College.
- Participated in 2-day hands on workshop on “Metaheuristic optimization in multidisciplinary research (MOMR-2018)” from 26th October 2018 to 27th October 2018 at AU college of Engineering, Andhra University, Visakhapatnam.
- Conducted a one week Refresher Course on “Basic Electrical Engineering” from 19th June 2017 to 24th June 2017 at Gudlavalleru Engineering College.
- Attended A two week FDP on “Entrepreneurship” from 6th February 2017 to 21st February 2017 at Gudlavalleru Engineering College.

- Participated a One Week workshop on “Advanced industrial automation training” from 14th November 2016 to 18th November 2016 at Gudlavalleru Engineering College, Gudlavalleru.
- Attended one week faculty development program on “ETAP software training and its applications” from Dec 2nd to 8th June 2015 at Gudlavalleru engineering college.
- Participated in a Two-week ISTE Workshop on CONTROL SYSTEMS conducted by Indian Institute of Technology Kharagpur, 2014.
- Participated two day FDP on Recent Trends in Electric Traction organized by Department of EEE on 18th & 19th Sep 2014.
- Participated in Refresher course on “ Electric Circuit Analysis” organized by EEE Department of Gudlavalleru engineering college, 2014.
- Participated in one week workshop on “Training Teachers for Excellence Organized by Gudlavalleru engineering” 2013.
- Participated In national level workshop on “Recent Advances in power Systems Engineering and Applications of research Tools” in Narasaraopeta engineering College , 2010
- Participated in national students level Technical paper presentation in VIDYA BHARATHI INSTITUTE OF TECHNOLOGY pembarthi, Warangal in 2008

CERTIFICATIONS:

Certification course: ControlEngineering(NPTEL)

Fundamentals of Power Electronics(NPTEL)

FACTS Devices (NPTEL)

Control Systems(NPTEL)

Introduction to Internet of Things(NPTEL)

GUEST LECTURES DELIVERED:NIL

MEMBERSHIP IN PROFESSIONAL BODIES:AMIE

CONSULTANCY ACTIVITIES: NIL

GRANTSFETCHED:NIL