



DHANEKULAINSTITUTE OFENGINEERING&TECHNOLOGY

(Autonomous)

GANGURU::VIJAYAWADA-521139.

(Approved by AICTE New Delhi, Permanently Affiliated to JNTU Kakinada)

ISO9001:2015 Certified Institution, Accredited by NBA for ME, EEE, ECE & CSE.

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FACULTY PROFILE

Name of the Faculty : SHAIK MOHIDDIN
Designation: : Assistant Professor
Email & Phone No: : mohiddinshaik@diet.ac.in & 9293784529
Department : Electrical and Electronics Engineering.
Educational Background : 1. B.Tech From JNTU, Kakinada affiliated college.
2. M.Tech From JNTU, Kakinada affiliated college.



Research Areas : Renewable Energy Systems, Control Systems, Power Systems.
Experience : 15 Years

S.NO	Institute	Designation	Period
1	DhaneKula Institute Of Engineering And Technology	Asst Prof	2023-till date
2	Vikas College Of Engineering And Technology	Asst Prof	2019-2023
3	Lingayas Institute Of Management And Technology	Asst Prof	2011-2019

List of Publications

International Conference/Journals:

- A NOVEL DESIGN OF VARIABLE-SPEED, SENSORLESS, INDUCTION MOTOR DRIVE USING DC LINK MEASUREMENTS published at International Conference on Technology and Innovation (ICTI-2011) organized by IRDO on 26 July 2011 at Chennai
- DC LINK APPROACH TO VARIABLE-SPEED, SENSORLESS, INDUCTION MOTOR DRIVE at National Conference On “Advances in Energy and Power Control Engineering (IJERA)” conducted by Vignan’s Lara Institute of Technology and Science on DEC 2012
- VOLTAGE STABILITY IN DISTRIBUTION SYSTEM BY USING WIND DISTRIBUTED GENERATION WITH OPTIMAL LOCATION conducted by International Journal of Combined Research & Development (IJCRD) on January 2016

- Regulation of DC Link Voltages of Inverter based STATCOM in IJIREEICE on August 2016
- FUZZY LOGIC CONTROLLED BASED PFC OF BLDC DRIVE USING BRIDGELESS LUO CONVERTER at IJATIR-September 2016 Organized by SEMAR groups
- Reduction Of Power Electronic Devices In Multilevel Inverter For Higher Voltage Level Fed With Induction Motor Drive at International Journal of Research on September 2016
- ISOLATED DC-DC CONVERTER FED INDUCTION MOTOR DRIVE IN RAILWAY APPLICATIONS at IJSERT on September 2016
- Design and Analysis of Closed Loop Control of SRM Drive with Power Factor Improvement at IJATIR on September-2016
- Design and Implementation of a Novel Multilevel DC–AC Inverter at International Journal of Research on February 2018
- Islanding Detection through Intelligent Classifier BI-LSTM Network for MicroGrid at the 2024 IEEE Flagship International BIT Conference (BITCON-24), theme “Next Generation Applications in Green Energy Technology”, organized by the Department of Electrical Engineering, BIT Sindri, Dhanbad (828123), Jharkhand, India and technically co-sponsored by IEEE Kolkata Sections scheduled during 7th-8th December 2024.
- Smart Wireless EV Charging Solution with Real-Time Voltage Monitoring at MAT Journals on May 2025
- SUSPICIOUS ACTIVITY DETECTION USING CNN AT International Conference on Emerging Technologies in Engineering and Pharmacy Life Sciences-2025 held on 19th and 20th September 2025
- DEEP LEARNING BASED ISLANDING DETECTION AND FAULT CLASSIFICATION USING MULTIDOMAIN SIGNAL ANALYSIS published at 2026 IEEE 2nd International Conference on Renewable Energy and Sustainable E-Mobility (RESEM)

Workshops/FDP:

- 1-Day Workshop on OUTCOMES BASED ENGINEERING EDUCATION FOR ENHANCED EMPLOYABILITY ON April 2013 conducted by Amrita Sai institute of science and technology
- 1 Day Faculty Development Program on NETWORKING SIMULATION USING QUALNET SOFTWARE WITH DELL SOFTWARE TECHNOLOGIES Pvt.Ltd 14th September, 2017

- 1DayFacultyDevelopmentProgramme/Workshop on POWER SYSTEM DESIGN& ANALYSIS USING DIG SILENT POWER FACTORY SOFTWARE with DELLSOFT TechnologiesPvt.Ltdon15thSeptember,2017
- THREE Day FDP on REAL TIME HARD WARE IN THE LOOP SIMULATION FOR POWER ELECTRONICS & POWER SYSTEMS at ANURAG UNIVERSITY on 27TH TO 29TH MAY 2020
- Three Day online Faculty Development Program on “Electric Vehicle Technology; Challenges,AnalysisandDevelopment”heldfrom26th-28thFebruary2021,organized by Presidency University, Bangalore.
- A One Week National Level Online Faculty Development Program on RECENT TRENDS IN ELECTRICAL ENGINEERING organized by Department of Electrical and Electronics Engineering of Geethanjali Institute of Science and Technology, Nellore, from 16-08-2021 to 23-08-2021.
- six-day online FDP on "Hands-on Deep Learning Architectures For Data Classification Using Python" during 26-09-2022 to 01-10-2022 organized by DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY, Ganguru, Vijayawada in association with AIQUANTUM Smart Solutions Pvt. Ltd, STEP, NITK Surathkal.
- A six day Online Faculty Development Program on RECENT ADVANCEMENTS IN POWER SYSTEMS from 28/11/22 to 3/12/22 at GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY
- "Hands-on Deep Learning Architectures For Data Classification Using Python" during 26-09-2022 to 01-10-2022 organized by DIET
- ONE WEEK SHORT TERM TRAINING on DESIGN IMPLEMENTATION and CONTROL of ELECTRICAL SYSTEMS Using MATLAB Organized by BAPATLA ENGINEERING COLLEGE 3RD-7TH JAN 2023
- Three day online “DRONE BOOT CAMP” organized by department of Electronics and Communication Engineering, Dhanekula Institute of Engineering and Technology, Ganguru, Vijayawada in association with Dronix Israel during 26-10-2023 to 28-10-2023.
- AICTE Training And Learning (ATAL) Academy Blended/Hybrid FDP on "Applications of Power Electronics in Electric Vehicles" from2022-12-12-2022-12-17 to 2022-12-19- 2022-12-23 at NRI INSTITUTE OF TECHNOLOGY .

- A 5 Day FDP on “DESIGNING & DEVELOPMENT OF ELECTRIC VEHICLES”
Organized by DHANEKULA INSTITUTE OF ENGINEERING AND
TECHNOLOGY 18thto22ndDEC2023
- Has successfully completed the course spanning over 12modules.This training is a part
of the "ENERGY LITERACY TRAINING" of the Energy Swaraj Foundation on 4TH
JAN 2024.
- NEW TRENDS IN POWER ELECTRONICS FOR MICROGRIDS AND ELECTRIC
VEHICLES (NTPEMEV-2024) Organized by LENDI INSTITUTE OF
ENGINEERING AND TECHNOLOGY on January 22-27, 2024
- One-Week Online Skill Development Program on INTERNET Of THINGS IN
SMART SPACES held on 26-2-24 to 2-3-24 at CVR College of Engineering
- Online Research Level Webinar Series on “ENABLINGSUSTAINABLEPROGRESS
:POWER ENGINEERING DRIVING GREEN ENERGY AND EV-REVOLUTION IN
INDIA “organized jointly by IEEE Power and Energy Society, Madras Chapter &
SSN-IEEEPES Student Chapter, SSN College of Engineering, Chennai on October
05,2024.
- online Research Level Webinar Series on “ DESIGN METHODS OF INVERTERS
FOR EVs ” organized jointly by IEEE Power and Energy Society, Madras Chapter &
SSN-IEEEPESStudentChapter,SSNCollegeofEngineering,ChennaionOctober19, 2024.
- AICTE Training And Learning (ATAL) Academy Faculty Development Program on
ROLE OF POWER ELETRONICS IN ELECTRIC VEHICLE TECHNOLOGY at
KKR &KSR INSTITUTE OF TECHNOLOGY AND SCIENCESfrom25/11/2024 to
30/11/2024.
- AICTE Training And Learning (ATAL) Academy Faculty Development Program on
ARTIFICIAL INTELLIGENCE BASED ENERGY STORAGE SYSTEMS
INTEGRATED WITH RENEWABLE AND SUSTAINABLE ENERGY SOURCES
FOR ELECTRIC VEHICLES at NRI INSTITUTE OF TECHNOLOGY from
02/12/2024 to 14/12/2024.
- AICTE Recognized FDP on DRONE ASSEMBLY, FUNDAMENTALS,
APPLICATIONSConductedbyECEDEPT,NITTRChandigharFrom30-6-25to4-7-25
- One Week Online FDP on QUANTUM COMPUTING AND ITS APPLICATIONS at
Sri Ram Institute of Technology, Chennai from 23-9-25 to 30-9-25

- A 5 Day Online FDP on AI DRIVEN INNOVATIONS IN POWER ELECTRONICS FOR SMART POWER SYSTEMS from 24-6-25 to 28-6-25 by EEE, SASI INSTITUTE OF ENGINEERING AND TECHNOLOGY
- Faculty Development Program (FDP) on ELECTRIC VEHICLE DESIGN, SIMULATION, AND INDUSTRIAL PRACTICES organized by ISIE INDIA and conducted at DIET, Ganguru from December 15 to 20, 2025.

Achievements/Awards: NIL

SK MOHIDDIN