



Department of Electrical and Electronics Engineering
MANUU Polytechnic Kadapa
School of Technology
Maulana Azad National Urdu University (Central University)
satellite Campus Kadapa, Andhra Pradesh, 56004, India

+91-9528730501, 8791921225

mdnasarayobamu@gmail.com, nasar@manuu.edu.in

Follow me on: <https://www.linkedin.com/in/md-nasar-ayoob-911a1a82>

MD NASAR AYOOB | Lecturer

CURRENT DESIGNATION/ INVOLVEMENT

Currently working as a **Lecturer** in Department of Electrical and Electronics Engineering, MANUU Polytechnic Kadapa, Andhra Pradesh, India.

AREA OF SPECIALIZATION

Instrumentation & Control

ONGOING ACADEMIC RESEARCH/ PROJECTS

- Different controlling technology in Smart Grid
- Load Frequency Control in Power system

ACADEMIC AND ADMINISTRATIVE EXPERIENCE

- **5 Years Teaching Experience**
- Coordinator of EEE Department from January 2020 to August 2022.
- In-charge Principal MANUU Polytechnic Kadapa from 25th Dec. 2021 to 2nd Jan. 2022
- In-charge Principal MANUU Polytechnic Kadapa from 30th April 2022 to 18th May 2022
- Conducting NSS Activities titled “Education Awareness: Beti Padhao Beti Bachao” during NSS-Special Camp-2022 on 24th March 2022 at Village Nayanavaripalli C.K Dinne, Kadapa.
- UBA Adopted Village Coordinator named “Indira Nagar , C.K. Dinne Kadapa” in 2022.
- Marketing/Publicity/Registration Committee member of Science Day-2023 Celebration on 28th February 2023.
- Training and Placement officer from January 2020 to September 2021.
- NAAC Coordinator from January 2020 to till now
- AICTE Committee member from January 2020 to September 2021.
- AICTE and Correspondence Coordinator from September 2021 to till now.
- IQAC Coordinator from September 2021 to till now.
- NBA Coordinator from August 2022 to till now.

- Scholarship In-charge from September 2020 to September 2021.
- Admission In-charge from September 2020 to September 2021.
- Local Purchase Committee member from October 2020 to till now.
- In-charge of students Welfare from December 2020 to September 2021.
- Student fee payment In-charge from December 2020 to September 2021.
- Issuing of Bonafide certificate In-charge from December 2020 to September 2021.
- In-charge of NKN November 2020 to September 2021.
- Coordinator of NKN from August 2022 to September 2021.
- Coordinator of IT& Networking from August 2022 to September 2023.
- Coordinator of Internet & Telephone from August 2022 to September 2023.
- Coordinator of Social and Print Media from August 2022 to September 2023.
- Coordinator of facilities to conduct online meeting, Webinar, Classes and Examination from August 2022 to September 2023.
- Institution's Innovation Council Committee member from September 2022 to till now.
- NIRF Coordinator from September 2022 to till now.
- PARAKH Coordinator September 2023 to till now.
- Pruning of AICTE MODEL CURRICULUM-MANUU Polytechnics in 2021-2022.
- Anti-Ragging Committee Member from April 2022 to till now.
- SC/ST Committee Member from April 2022 to till now.
- Students Counsellor Committee Member from April 2022 to till now.
- AICTE High Level Committee member from April 2023 to till now.
- Departmental Industrial Training In-charge for the session 2020-201 and 2021-2022.
- Departmental Coordinator of Summer Internship-II for 3rd Year EEE Students for the session of 2021-2022, 2022-23 and 2023-24.
- Departmental Coordinator of Minor Project for the session of 2022-2023.
- Student Mentor.
- Departmental Purchase In-charge during the Session 2022-23.

**EDUCATIONAL
QUALIFICATION**

- **M. Tech (Inst. and Control) from ZHCET, Aligarh Muslim University in 2016**
- **B.E (Electrical Engineering) from ZHCET, Aligarh Muslim University in 2014.**
- **Diploma in Engineering from University Polytechnic, Aligarh Muslim University in 2009.**

**TEACHING
PROFICIENCY**

- Control Systems

- DC Machine & Measuring Instruments.
- Digital Electronics & Microprocessor.
- Fundamentals of Power Electronics.
- Industrial Drives
- Electrical and Electronics Measurements.
- Analog and Digital Electronics.
- Electric Motor and Transformers.
- Microcontroller Applications.
- Switchgear and Protection.

RESEARCH
PUBLICATION
DETAILS

- **M. Tech dissertation, Title:** Measurement and controlling of smart grid using Virtual instrumentation.
- **M. Tech project, Title:** Measurement and Signal Conditioning using Lab View.
- **B.E Project, Title:** Designing of power system transmission line of 200 Km with power transmission capacity of 200 MW at a power factor of 0.85 lagging.
- **Title:** Designing of a 60KVA 11/440 KV core type oil cooled Transformer with +/- 5% tapping.

DETAILS OF
CONFERENCE/
SEMINAR /
WEBINAR/
WORKSHOP/ FDP
(ATTENDED/PRESE
NTED)

- Three Week Industrial Training for Faculty members conducted from 16th Nov. 2020 to 5th Dec. 2020 Organised by Regional Telecom Training Centre, BSNL Hyderabad.
- Online Ten Day Faculty Induction Program (**Gurudakshta**)-2020 13th November 2020 to 18th December 2020 by Maulana Azad National Urdu University Hyderabad.
- One Week Professional Development Programme “**Advance Pedagogy**” from 29th August 2022 to 3rd October 2022 Conducted by NITTTR Chennai.
- One Week AICTE Recognised Faculty Development Program on “**Labview Programming**” from 8th August 2022 to 12th August 2022 Conducted by Electrical Engg. Dept. NITTTR Chandigarh.
- One Week AICTE Recognised Faculty Development Program on “**Smart Grid and Integration of Distributed Generation**” from 28th August 2023 to 1st September 2023 Conducted by Electrical Engineering Department, NITTTR Chandigarh.
- Civil-20 LIFE (Life for Environment) Hybrid Conference on “**Grassroots Innovation and Life Style**” held on 7th April 2023 by Unnat Bharat Abhiyan.
- One Week AICTE Training and Learning (ATAL) Academic Online FDP on “**Robotics**” from 5th January 2021 to 9th January 2021 at Rajeev Gandhi Memorial

College of Engineering and Technology.

- Two Day Workshop entitled “**Basic on Data Science and Machine Learning**” on 7th and 8th November 2020.
- One Week AICTE Training and Learning (ATAL) Academic Online FDP on “**Electric Vehicles**” from 2nd November 2020 to 6th November 2020 at Fr. C. Rodrigues Institute of Technology, Vashi.
- AICTE Sponsored One Week Short Term Training Program on “**Digitally Controlled Power Converters for Industrial and Renewable Applications (Phase-I) Under AQIS Scheme**” from 26th October 2020 to 31st October 2020 organised by Department of Electronics and Telecommunication Engineering and Department of Electrical Engineering, SSBT’s College of Engineering and Technology, Bambhori, Jalgaon (MS)
- One Week STTP on “**Future perspective of Electrical Power System**” from 9th October 2020 to 13th October 2020 organised by Department of Electrical Engineering, Engineering College Ahmer.
- One Week Faculty Development Programme on “**Scientific Writing Using Latex**” from 5th October 2020 to 9th October 2020 Organised by Department of Computer Science, BGSB University, Rajouri.
- Five Day Instructor Led Live Online FDP on “**Internet of Things (IOT) Using Amazon AWS**” from 15th June 2020 to 19th June 2020 Organised by Finland Labs (A Unit of Revert Technology Pvt. Ltd.) in Association with National Social Summit, IIT Roorkee.
- Five Day Instructor Led Live Online FDP on “**Artificial Intelligence & Machine Learning Using Python**” from 8th June 2020 to 12th June 2020 Organised by Finland Labs (A Unit of Revert Technology Pvt. Ltd.) in Association with National Social Summit, IIT Roorkee.
- Two Days International E-Conference on “**Navigating The New Normal Post Covid-19**” 29th -30th May 2020 Organised by IMS Noida.
- One Day International Faculty and Research Development Program IFRDP 2020 on “**Art of writing research/review articles for publishing in peer –reviewed journals**” held on 31st May 2020.
- Two Day Short Term Course on “**Disaster Management and its Mitigation**” from 20th-21st May 2020 under TEQIP-II Organised by Department of Civil Engineering Aligarh Muslim University.
- Two Day Webinar on “**National Education Policy 2020**” from 16th-17th September 2020 Organised by CPDUMT, Maulana Azad National Urdu University, Hyderabad.

- One Day International Webinar on **“Reimagining Work Jobs and Careers in the time of COVID 19”** on 24th August 2020, Organised by Department of Management and Commerce.
- National Webinar on **“Solutions for Grid Optimisation”** Held on 8th August 2020.
- National Webinar on **“Knowledge Sharing on Research”** held on 16th July 2020, Organised by Department of Mechanical Engineering, Glocal University, Saharanpur
- National Webinar on **“Image Processing Applications”** on 3rd July 2020 hosted by AIMIT ST. Aloysius College Mangalore.
- National Webinar on **“Robotics Operating System”** on 17th July 2020 hosted by Adama Science & Technology University, Ethiopia.
- International Webinar on **“Artificial Intelligence and the era of Autonomous Shipping”** on 27th June 2020 delivered by Dr. Krishna Kumar Nagalingam, Product Advisor, Energy Product and Engineering, Kongsberg Maritime AS, Kongsberg Norway.
- National Webinar on **“Design of Brain Control Applications”** on 26th June hosted by Dr. B. R. Ambedkar National Institute of Technology Lalandhar.
- A Webinar on **“Internet of Things Using Nodemcu”** on 23rd June 2020 hosted by Shiv Kumar Singh Institute of Technology and Science.
- A Webinar on **“Experience the Cutting Edge Elsevier Tools to Pivot Your Research”** on 18th June 2020, Organised by the Department of Biotechnology, Karunya Institute of Technology and Science in Collaboration with Elsevier.
- A Webinar on **“Internet of Things Using ARDINO”** on 16th June 2020 hosted by Dr. Shayama Prasad Mukherjee University.
- National Webinar on **“Research Methodology”** held on 12th and 13th June 2020 Organised by Loyola College, Chennai, Tamil Nadu.
- Webinar on **“Energy for Sustainable Environment Transforming the Future”** on 6th June 2020 Organised by School of Technology PDPU.
- A Webinar on **“Research Methodology”** on 7th June 2020 organised by HISASHI-Excellence Education Pvt. Ltd.
- A Webinar on **“Energy Scenario and Policy Framework for Grid Integrated Renewables”** held on 30th May 2020 Organised by IEEE Students Branch, AMU.
- International Webinar on **“Graphene-a 2 Dimensional Material for Electronic and Sensing Applications”** organised by Electronics and Communication

Engineering Department, Glocal University Saharanpur.

- One Week Workshop on “**Electric Vehicles Boot Camp**” from Feb. 26th to Mar. 2nd, 2016 organised by Electrical Engg. Dept., Z.H.C.E.T, Aligarh Muslim University, Aligarh, India
- A Webinar on “**Intellectual Property and Innovation Management in Knowledge Era**” held on Dec 7th,2015 Organized by University Polytechnic, Aligarh Muslim University, Aligarh, India
- One Week Workshop on “**Smart grid Technologies**” from Nov. 23rd to Nov. 28th, 2015 Organized by Electrical Engg. Dept., Z.H.C.E.T, Aligarh Muslim University, Aligarh, India
- Educational Visit to **Narora Atomic Power Station**, Narora, U.P, India; on May 5th, 2015.
- Workshop on “**Advances in Gas insulated system (GIS)**” held on 28th to 29th January 2013 Organized by Electrical Engg. Dept., Z.H.C.E.T, Aligarh Muslim University, Aligarh, India.
- Training Course on “**Entrepreneurship Orientation Programme**” on 29th January 2013 organised by N.S.I.C. Technical Services Centre.

DETAILS OF
KEYNOTE
SPEAKER/RESOURCE
PERSON/ SESSION
CHAIR ETC.

- Resource Person as speaker in Deeksharambh Student Induction Programme-2023, on topic “**Familiarization of IUMS**”, organized by Maulana Azad National Urdu University Polytechnic Kadapa on 14th September 2023.
- Resource Person as speaker in Deeksharambh Student Induction Programme-2023, on topic “**Community Development and Students**”, organized by Maulana Azad National Urdu University Polytechnic Kadapa on 18th September 2023.
- Resource Person as speaker in Deeksharambh Student Induction Programme-2023, on topic “**Universal Human Value**”, organized by Maulana Azad National Urdu University Polytechnic Kadapa on 29th September 2023.
- Judge on Science Day-2023 Celebration Event “**Science Concept Briefing-One Minute Video**” on 28th February 2023.
- Resource Person as speaker in Deeksharambh Student Induction Programme-2022, on topic “**Importance of E Learning and its Sources**”, organized by Maulana Azad National Urdu University Polytechnic Kadapa on 3rd November 2022.
- Resource Person and Coordinator in Deeksharambh Student Induction Programme-2021, on SIP Module-5 “**Lectures By Eminent People**”, organized by Maulana Azad National

Urdu University Polytechnic Kadapa from 11th October 2021 to 15th October 2021.

- Resource Person as speaker in Deeksharambh Student Induction Programme-2021, on topic “**Familiarization of the Electrical and Electronics Engineering Department**”, organized by Maulana Azad National Urdu University Polytechnic Kadapa on 10th October 2021.
- Resource Person as speaker in Deeksharambh Student Induction Programme-2020, on topic “**Familiarization of the Electrical and Electronics Engineering Department**”, organized by Maulana Azad National Urdu University Polytechnic Kadapa on 16th and 17th November 2020.

DETAILS OF SUPERVISION (DIPLOMA IN ENGINEERING)

- Supervised the industrial training of EEE students During the Session 2020-2021 and 2021-2022.
- Supervised the Summer Internship-I & Summer Internship-II of EEE students during the Session 2021-22, 2022-23 & 2023-24.
- Supervised the Major Project titled “Simulation of #-Phase PWM rectifier using MATLAB/Simulink” during the session 2022-2023.
- Supervised the Minor Project titled “Charger Designing using Full Wave Bridge Rectifier and Filter Circuit ” during the Session 2022-23.

PROFESSIONAL MEMBERSHIPS

- Orcid
- Scopus
- Researcher
- Google Scholar
- Vidwan
- National Digital Library of India
- IEEE
- ASEE

PERSONAL DETAILS

Father’s Name : Mr. Md Faruqe Ansari
Date of Birth : Mrs. Rukhsana Khatoon
Gender : Male
Marital Status : Married
Nationality : Indian
Language Known : Urdu, English & Hindi
Permanent Address : Village & Post- Mahinam, Via- Benipur , Distt- Darbhanga Bihar 847103

Date: 4th October 2023

Place: Kadapa

(Md. Nasar Ayoob)

[Last update on: 4th October 2023]