



Mr. D. BHASKAR

M. Tech.

Assistant Professor (C)

DEPARTMENT of EEE (I/c) .

Mr. D. BHASKAR, presently working as Assistant Professor (C) of EEE, at Department of Electrical & Electronics Engineering in JNTUH University College of Engineering Rajanna Sircilla. Mr. D. BHASKAR also holds the Exam Branch (I/c) Position.

Totally He has 12 years of teaching experience and Previsiouly, he worked as Assistant Professor (C) at Department of EEE at JNTUH University College of Engineering JAGTIAL for **2014 to 2022**. And also worked for NBA, NAAC & AUTONOMOUS, NIRF Works.

He worked as a **convener** `` A two days National Level Technical Symposium **VIDYUTRA 2K24,2K25 and 2k26**'' in The Department of EEE at JNTUH UCER.

He did Bachelor of Technology (B. Tech.) Department of Electrical & Electronics Engineering from JNTUH University Hyderabad (JNTUH) in 2011, and M. Tech from JNTUH University Hyderabad (JNTUH) kukatpally in 2013.

He has published 3 research papers in various National/International Journals & Conferences. He has attended various workshops related to Power Systems and Power Electronics in Renewable Energy Sources & MATLAB.

His research interests Power Systems and Power Electronics & Renewable Energy Sources, Electrical Circuits. Much of his work has been on improving the understanding, design, and performance of renewable energy sources, mainly through the application of solar, wind and Performance Evaluation. He worked on Enhancing of non-conventional energy sources components Design Techniques in MATLAB.

Areas of Interest:

RENEWABLE ENERGY SOURCES
POWER SYSTEMS
ELECTRICAL CIRCUITS

▶ Educational & Professional

▶ Academic Qualifications

1. M. Tech from JNTUH UNIVERSITY College of Engineering Hyderabad, Jawaharlal Nehru Technological University Hyderabad (JNTUH) First Class with distinction (2011-2013)
2. B. Tech in Electrical & Electronics Engineering (IIET) from JNTUH University Hyderabad First Class with distinction (JNTUH) in 2011.

▶ Professional Experience

▶ Teaching Experience

1. Assistant Professor (c)), JNTUH University College of Engineering Rajanna Sircilla (2022-Till Date).
2. Assistant Professor (C), JNTUH University College of Engineering jagtial (2014-2022).

▶ Research Publications

1. Published a Paper on "**Building Integrated Photovoltaic System With Energy Storage And Smart Grid Communication**" by D. Bhaskar and Dr. M. Sushama at International Journal of Engineering Research & Technology (IJERT). ISSN: 2278-0181, Vol.2 - Issue 11 (November - 2013), www.ijert.org (Ref).

2. Published a Paper on "**Modelling of Photo Voltaic Based Regulated Power Supply for Small DC Voltage Applications**" by D. Bhaskar¹, K. Dileep Kalyan², K. Karun³. At International Conference on Recent Innovations in Electrical and Electronics Engineering, JNTU, Hyderabad, India (International Journal of Emerging Technology and Advanced Engineering www.ijetae.com (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 7, Special Issue 1, December 2017).

3. Published a Paper on "**Hybrid Wind/PV/Battery Intelligent Energy Management Controller For Smart Dc –Micro Grid**" by D. Bhaskar³, K. Dileep Kalyan², CH. Anil Kumar³. At Dogo Rangsang Research Journal (ISSN 2347-7180), UGC Care Group I Journal, Volume -12, Issue-10 no .02 October 2022.

NPTEL-AICTE FDPS:

- 1. Successfully Completed The Course online faculty development the COURSE on "**introduction to smart grid**". Organized by **NPTEL-AICTE**, funded by the ministry of HRD, govt. of india. (July-sept 2019).

- 2. Successfully Completed The Course online faculty development the COURSE on "**advances in UHV Transmission and Distribution**". Organized by **NPTEL-AICTE** , funded by the ministry of HRD,govt.of india.(JAN-march 2019).
- 3. Successfully Completed The Course online faculty development the COURSE on "**Non-Conventional Energy Resources**". Organized by **NPTEL-AICTE** ,funded by the ministry of HRD,govt.of india.(JAN-April 2019).

FDPS/Workshops/Conferences:

- Participated in online one week faculty development programme on "**POWER ELECTRONICS IN SMART GRID ELECTRIC VEHICLES**". Organized by department of electrical and electronics engineering, IN association with IEEE STUDENTS CHAPTER-STB17901 SHANTHIRAM ENGINEERING COLLEGE: NANDYAL,JNTUA.(26th to 31TH MAY 2020).
- Participated in online one week faculty development programme on "**industrial relevance of electrical engineering**". Organized by department of electrical and electronics engineering ,BVRIT HYD college of engineering women.(15th to 20TH JUNE 2020).
- Participated in online one week faculty development programme on "**SCILAB-an open source substitute for MATLAB**". Organized by department of electrical and electronics engineering ,JNTUH UCES and spoken tutorial project IIT BOMBAY.(25th to 30TH MAY 2020).
- Participated in online one week faculty development programme on "**RENEWABLE ENERGY SYSTEMS**". Organized by department of electrical and electronics engineering ,The institution of green engineers. panimalar institute of technology (01th to 05TH june 2020).
- Participated in online one week faculty development programme on "**TECHNOLOGICAL ADVANCES IN POWER SWITCHING CONVERTERS FOR RES AND FUEL CELL TECHNOLOGY FOR E-VEHICLES**". Organized by department of electrical and electronics engineering ,Bapatla engineering college:Bapatla.(01th to 05TH june 2020).
- Participated in online one week faculty development programme on "**DESIGN AND DEVELOPMENT OF PHOTOVOLTAIC MODULES FOR GENERATION**". Organized by department of electrical and electronics engineering,LENDI institute of engineering & technology jntuk .(25th to 30TH may 2020).
- Participated in online one week faculty development programme on "**ELECTRIC POWER GRID MODERNIZATION TRENDS, CHALLENGES AND OPPORTUNITIES**". Organized by department of electrical and electronics engineering, KITS, GUNTUR, ANDHRA PRADESH.(09th to 13TH JUNE 2020).
- Participated in online one week faculty development programme on "**MATLAB based teaching-learning in mathematics, science & engineering**". D Y PATIL deemed to be university rama rao institute of technology navi mumabai .(18th to 22nd may 2020).
- Participated in one day workshop on "**OUT COME BASED ON NBA**" at jntuhcej, jagtial.(12th December2017).
- Participated in one week faculty development programme on "**CHALLENGES AND ADVANCES IN RENEWABLE ENERGY SOURCES**". Kamala institute of technology & sciences.karimnagar.(6th to 11th November 2017).
- Participated in 3 day workshop on "**POWER SYSTEM STUDIES-THEORY AND PRACTICE AT A GLANCE**". (2ND to 4th November 2016).
- Participated in one week national level workshop on "**BIG DATA ANALYTICS**" at **JNTUH COLLEGE OF ENGINEERING, JAGTIAL**. (14th to 20th December 2015).
- Participated in one day workshop on "**ENERGY CONSERVATION AND MANAGEMENT**" at **JNTUH COLLEGE OF ENGINEERING, KUKATPALLY, HYDERABAD**.(20th December2013)

- Participated in A FIVE DAY MATLAB based workshop on "**COMPUTATIONAL RESEARCH TECHNIQUES IN DESIGN AND THERMAL ENGINEERING**" at **NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL (NITW)**.(7 to 11th August 2013).
- Attended Training seminar Programme on "**MATLAB**" and "**SIMULINK**" Software conducted by **MATHWORKS INDIA**.(26th July 2013)
- Participated in the workshop on "**AVIONICS SYSTEMS IN MODERN AIRCRAFT**" conducted jointly by alumni of **JNTUH COLLEGE OF ENGINEERING, HYDERBAD AND THE AERONAUTICAL SOCIETY OF INDIA**, and HYDERBAD. (16th Feb 2013).

ACADEMIC ACHIVEMENTS:

- Appointed as an **Associate Regional Coordinator** for RC - Rajanna - Sircilla Regional Centre Code (22) of Rajanna-Sircilla District for the smooth conduct of the **Group III Examinations November 2024 by TGPSC**.
- Appointed as an **Associate Regional Coordinator** for RC - Rajanna - Sircilla Regional Centre Code (22) of Rajanna-Sircilla District for the smooth conduct of the **Group II Examinations December 2024 by TGPSC**.

CAREER ACHIEVEMENTS:

- Secured 93 percentile in **GATE 2011**.
- Secured 86.86 percentile in **GATE 2013**.
- Won a Consolation prize organized by SBI for "**Outstanding student**" in school, WARANGAL, T.S.

▶ Adminstrative Positions Held

1. **EEE Department,(I/c)** , JNTUH University College of Engineering Rajanna Sircilla, 2022 – Till Date.
2. **Exam Branch (I/c)**, JNTUH University College of Engineering Rajanna Sircilla, 2022 – Till Date.

Contact :

Mr.D. BHASKAR

Assistant Professor (c).

Department OF EEE,(I/c) & Exam Branch (I/c)

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