Revathi Duba

Associate Professor
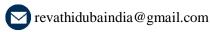
⊙ AndhraPradesh

📞 91 8099794356

✉ revathidubaindia@gmail.com

in https://www.linkedin.com/in/ revathi-duba-1536523a/

Perceptive educator with solid record of accomplishment in attaining and surpassing targets during 10+years career. Stay on top of trends in education to maintain modern, efficient systems meeting needs of diverse students.

Skills

- Academic advising
- Teaching excellence
- Higher education administration

Work History

2020-03 - Current

Director of Academics

KIET Group of Institutions, Kakinada, India

- Kept abreast of advances in pedagogy and work to continuously improve teaching methods and introduce new approaches to instruction.
- Developed students" critical thinking skills through interactive classroom activities and discussions.

2019-04 - 2020-08

Vice Principal

Kakinada Institute of Engineering and Technology, Kakinada, India

Delivered UG and PG courses in Python,DevOps,Cloud Computing and Machine Learning

2015-04 - 2017-03

Associate Professor and HOD,Department of EEE

Kakinada Institute of Engineering & Technology, Kakinada, India

-Conducted advanced research in renewable energy systems and smart grids.

- Published 20+ peer-reviewed papers in top journals.

- Supervised 15+ postgraduate research projects.

2011-03 - 2015-04

Assistant Professor

Kakinada Institute of Engineering & Technology, Kakinada, India

-Delivered UG and PG courses in power systems, power electronics and High voltage DC.

- Collaborated on industry-funded research projects.

2007-06 - 2008-08

Software Programmer

IBM, Bangalore

Education

Expected in 2025-02

Ph.D.: Electrical Engineering
Lincoln University College - Malaysia

2024-07

Master of Technology: Artificial Intelligence and Data Science
Jawaharlal Nehru Technological University - Kakinada, India
- Final Grade: 83%
- First class with Distinction

2023-02

One Year Certification Courses: Artificial Intelligence and Machine Learning
Indian Institute of Technology - Kanpur, India

2019-09

MBA: Marketing Management and Human Resource Management
Adikavi Nannayya University - Rajahmundry, India
- First Class with Distinction
- Final Grade: CGPA 7.93

2019-07

Post-Graduation Diploma in Energy Management: Energy Management
MIT - Pune
- Final Grade: A

2011-03

Master of Technology: Power Systems and High Voltage Engineering
Jawaharlal Technological University Kakinada - Kakinada
- First class with Distinction
- Final Gra 83%
- Recipient of University Topper

2007-04

Bachelor of Technology: Electrical and Electronics Engineering
Jawaharlal Technological University Hyderabad - Hyderabad, India
- Final Grade:76%
- First Class with Distinction,

2003-03

Board of Intermediate Studies: MPC
Pragati Junior College - Kakinada
- Final Grade 80.1%

Personal Details

Date of Birth: 19-09-1988   **Nationality:** Indian

Marital Status: Married

⭐ Additional Information

OTHER ACTIVITIES:

● ISO & NAAC coordinator

● Successfully Handling AICTE, UGC, JNTUK approval and accreditation work

● Industrial Academic coordinator.

● IIT Bombay Remote Center Coordinator in 2017.

● IIIT Hyderabad, Research Affiliate Program Coordinator.

● Academic Advisory board of KIET Group of Institutions.

● Edunet Regional Projects Showcase Collaboration program, A CSR initiative of Microsoft and SAP.

● Academic Member of AICTE-Eduskills.

AWARDS:

● Most inspiring Teacher award obtained from KIET, Kakinada.

● Received Honorary Doctorate Award from Washington university, American Council of Training and Development, USA in June15,2024

● Secured GATE -1050 AIR,2008

● University Topper in 2011 for securing 83% in academics.

MEMBERSHIPS:

● APSSDC, IL&FS Advisory member, Central Government Initiative, India.

● Student Chapter Member (The Institution of Engineers (India)) since 2015.

PUBLICATIONS:

● Design and Performance Analysis of Brushless Doubly-Fed Machine for Wind Power Generation Using AI, Duba Revathi 1, Dr Midhunchakkaravarthy2. DOI: 10.55041/IJSREM37644,2024

● A Novel GMPPT Scheme to Extract Maximum Power from a PV Array Under Non-Uniform Irradiance Condition, IEEE Conference,2023

● Artificial Intelligence Technique Based Wind Power Generation System in a Micro Grid Duba Revathi 1, Dr Midhunchakkaravarthy2. DOI: 10.55041/IJSREM37587,2024

● Hybrid Renewable Energy Systems for Remote Electrification: Integrating Solar Power into Modern Grids, IEEE conference,2024

● Comprehensive Design Strategies for Off Grid PV Solar Power Systemized SUSTAINED Conference, 2024

● Hybrid Inverter DSTATCOM to compensate reactive power for non-linear loads" March 2018 (IJITR).

● "An Improved Grid Current Compensator for Grid-Connected Distributed Generation under various load conditions" December 2015 (IJSETR).

● "A Versatile control scheme for the fault current Interruption by using Dynamic Voltage Restorer" January 2015 (IJSETR).

● "Multilevel cascaded inverter topology by neural voltage modulation"(IJPRES).

● "Improvement of power quality using three-phase four switch SAPF fed induction machine drive". (IJEET).

● Analysis of LFC in PV-thermal-thermal interconnected power system using fuzzy gain scheduling. Revathi, G Mohan Kumar,2020,International Transactions on Electrical Energy Systems 30 (5), e12336

● Mppt based multilevel inverter-controlled grid connected wind power system
P Mounica, D Revathi, MD Atluri,2016 International Conference on Signal Processing, Communication.

● Assessment of load frequency control of three area interconnected power system using fuzzy gain scheduling controller [article]2019

● Assessment of Load Frequency Control of Three Area Interconnected Power System using Fuzzy Gain Scheduling controller, Journal of Electrical Engineering 19,2019

● Accomplishment of Quasi Z Source Inverter towards power Maintenance for PV SAL D. Revathi, International Journal of Science Engineering and Advance Technology 2017

WORKSHOPS: 10+

FDPS:10

Certifications

NPTEL, COURSERA, EDX, TEQIP, IIT FDPs

I hereby declare that the information provided in this resume is true and correct to the best of my knowledge and belief.

Revathi Duba