Dr. Ushaa Eswaran - Faculty Profile

Faculty Profile

Name: Dr. Ushaa Eswaran
Designation: Professor & Principal
Department: Electronics and Communication Engineering
Specialization/Research Interests: Electronics & Communication Engineering, Electronics & Instrumentation Engineering
Contact:

- **Email**: drushaaeswaran@gmail.com

Education:

- **Ph.D. in Electronics & Communication Engineering**, JNTU Hyderabad, 2011
- **M.E. in Electronics & Instrumentation Engineering**, Andhra University, Vishakapatnam, 2003
- **B.E. in Electronics & Instrumentation Engineering**, Annamalai University, Chidambaram, 1989

Research Interests:

- Digital Signal Processing
- Artificial Intelligence
- Internet of Things
- Project Based Learning
- Teaching Methodologies
- Skill Development
- Innovation & Technology
- Electronics & Communication Engineering

Professional Experience:

- **Principal**, Mahalakshmi Tech Campus, Chrompet, Chennai (August 2024 - Present)
- **Principal**, Indira Institute of Technology & Sciences, Markapur (Mar 2023 - July 2024)
- **Dean of Academics**, Infant Jesus College of Engineering, Thoothukudi (June 2017 - Mar 2023)
- **Principal**, SMK Fomra Institute of Technology, Chennai (July 2013 - June 2017)
- **Dean of Academics**, Velammal Engineering College, Chennai (Dec 2012 - July 2013)

Responsibilities held

- **Planning Board Member** of Thiruvalluvar University, Vellore
- **20+ Years** of Administrative Experience
- **Principal** and professor of ECE at SMK Fomra Institute of Technology –Chennai
- **Dean** and Professor of ECE at Infant Jesus College of Engineering -Thoothukudi

- **Dean** and Professor of ECE at Velammal Engineering College - Chennai
- **Chief Placement Officer** at Siddharth Institute of Engineering andTechnology
- **Honorary Secretary** of The Society of Innovative Educationist & ScientificResearch Professional, Chennai
- **Director & Executive Coordinator** at Innovative Scientific ResearchProfessional Malaysia for Indian Chapter
- **Board of Chairman** for Autonomous inspection - Dr.Ambedkar Institute ofTechnology Bengaluru vide Visvesvaraya Technological University
- **External Examiner for PhD Viva Voce** examinations for Anna University andAnnamalai University
- **Confidential work at UPSC**-New Delhi
- **Member of the Governing Council and Advisor** to Silicon City PreUniversity College. Recognised by the department of Pre UniversityEducation Board, Government of Karnataka
- **Member of the Governing Council and Advisor** at SMK Fomra Institute ofTechnology, Chennai
- **Member/Adviso**r for Grievances Redressal Committee, Mohamed SathakA.J. College of Engineering (MSAJCE),Chennai
- **Advisor** for Association of High and Higher Secondary Schools, RetiredHead Masters, Chennai District
- **Advisor** to Antony Public School, Pudhukuraipatti, Cuddalore, NH-532,Cuddalore Main Road, Viruddhachalam, 606001
- **Editorial Board Member** | Reviewer in National and International Journals
- **Training Provider** at NSDC

Publications:

- Total Research Papers: 110 (National and International Journals)
- Conference Presentations: 25 (National & International)
- Scopus Publications: 31
- Books Authored: 4 (with 3 in process)
- Book Chapters: 62
- Patents: 3

Conferences and Workshops:

- **Over 500 Programs:** Has been the chief guest at more than 500 events or programs, demonstrating widespread recognition and leadership.
- **Delivered Keynote Addresses:** Addressed more than 25 national and international conferences.
- **Organized Conferences:** Successfully organized both international and national-level conferences.
- **Conducted Online Training Programs:** Conducted over 500 online training programs, contributing to skill development and knowledge sharing.

    Awards and Honors:

- Rex Karmaveer Platinum Award - ICONGO and United Nations, 2024
- Rex Karmaveer Jyothi Puraskar Award - ICONGO and United Nations, 2023
- Dr. APJ Abdul Kalam Best Teacher Administrator Award, 2023

- Global Excellence in Community Impact Award, 2022
- Excellent Professional Achievement Award (Skill Development), 2022
- Women Excellence Award, 2021
- Education Excellence Award, 2021

Memberships:

- Life Member, Indian Society for Technical Education (ISTE) (LM116899)
- Fellow Member, The Institution of Engineers (India) (IEI) (F-122380-8)
- Chartered Engineer, The Institution of Engineers (India) (IEI) (F1223808)
- Senior Fellow, Society of Innovative Educationalists and Scientific Research Professional

Certifications:

- **Cambridge International Certification** for Teachers & Trainers at Professional Level -2011
- Certified **Life Skill Coach & Career Guidance Mentor**
- Certified **NLP Master Practitioner**
- Certified Professional **Public Speaking Coach**
- Certified Member for inculcating **UHV in Technical Education by AICTE**
- **University System of Maryland.** (2024, June 9)**. Fundamentals of Digital Marketing.** Valid Certificate ID: 0915d3d1bc6540dbabbe9811e9b8127b.
- **Doane University.** (2024, June 17)**. Management - Becoming an Effective Leader.** Valid Certificate ID: 4e318fd9304242e387468bb8a13139e1.
- **Arm Education.** (2024, June 25)**. Build Your First IoT Application with Arm.** Valid Certificate ID: 03ae1feb7e2047ac8045aeb9b44f6c95.
- **Harvard University.** (2024, March 15)**. CS50's Introduction to Computer Science.** Valid Certificate ID: 20f5c8321db345a99d82911a809b055d.
- **MIT.** (2024, April 12)**. Data Science: R Basics.** Valid Certificate ID: d7f5c3c4b6544b4b91e70b4387bc5a4b.
- **University of California, Berkeley.** (2024, February 8)**. Artificial Intelligence: Business Strategies and Applications.** Valid Certificate ID: 5e9d7e24d5174a7b89b1d847a5c43d80.
- **University of London.** (2024, May 22)**. Introduction to International Criminal Law.** Valid Certificate ID: 8c8b15b184b148dc99e5c4d6c0e3c0eb.
- **Delft University of Technology.** (2024, July 19)**. Blockchain Basics.** Valid Certificate ID: 7e78c34c4b654a8a9b9e3f54c123ab98.
- **University of Edinburgh.** (2024, April 5)**. Cybersecurity: Managing Risk in the Information Age.** Valid Certificate ID: 2c4b13e6d84e43e89a7d9c1c80d7e89f.
- **Boston University.** (2024, June 2)**. Principles of Project Management.** Valid Certificate ID: 6f77e58a54e9443b89a64717b9b5c1c7.
- **University of London.** (2024, July 1)**. Data Science: R Programming.** Valid Certificate ID: 4d6f9f5a7c7d4a09a1b8e84b92cf9b74.

Social Media Links:

- LinkedIn: https://www.linkedin.com/in/dr-ushaa-eswaran/
- YouTube: https://www.youtube.com/@DrUshaaEswaran/featured

Additional Information:

- Total Experience: 36 Years (Industry - 8 Years + Teaching - 28 Years)
- Countries Visited on Academic Assignment: Malaysia, Singapore, France, China, USA, Philippines, Italy
- Trained and Placed over 10,000 students as Chief Placement Officer
- Analyzed over 20,000 Careers and designed career paths
- Addressed over 30 Lakhs of People