

CURRICULUM VITAE

DR. M. BALASINGH MOSES

Department of Electrical and Electronics Engineering
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ADMINISTRATIVE EXPERIENCES

- Serving as **Coordinator, Internal Quality Assurance Cell (IQAC)**, Department of EEE, BIT campus, Anna University Tiruchirappalli (July 2022 to till date)
- Serving as **Coordinator, Placement Cell**, Department of EEE, BIT campus, Anna University Tiruchirappalli (December 2019 – till date)
- Serving as **Coordinator, In plant Training Coordinator**, BIT campus, Anna University Tiruchirappalli (July 2022 – till date)
- Serving as **IoT Lab incharge and Electric Circuits Lab incharge**, BIT campus, Anna University Tiruchirappalli (July 2022 – till date)
- Served as **Head of the Department**, Department of EEE, BIT campus, Anna University Tiruchirappalli (July 2014 to December 2019)
- Served as **Chairman**, Anti Ragging Committee, Anna University Tiruchirappalli (July 2016 to June 2017)
- Served as **Special Officer**, Anna University, Ariyalur Campus (August 2008 to June 2012)
- Served as **Deputy Director** (Centre for University Industry Collaboration), Anna University, Tiruchirappalli (May 2008 to May 2010)
- Served as **Head (i/c)**, Department of EEE, RMD Engineering College, Chennai (July 2007 to December 2007)
- Served as **Academic Coordinator**, National Board of Accreditation (NBA), Veltech Group of Institutions, Chennai (September 2006 to April 2008)
- Served as **Head(i/c)**, Department of EEE, Veltech Engineering College, Chennai (June 2005 to August 2006)
- Served as **Academic Coordinator**, National Board of Accreditation (NBA), Veltech Group of Institutions, Chennai (June 2004 to August 2006)

TEACHING POSITIONS

1. **May 2008 – till date**, BIT Campus, Anna University, Tamilnadu
2. **September 2006 – April 2008**, RMD Engineering College, Chennai, Tamilnadu
3. **April 2004 to August 2006**, Veltech Group of Institutions, Chennai, Tamilnadu

EDUCATIONAL QUALIFICATIONS

1. **Ph.D.** (Computer Science and Electrical Engineering) – Anna University- January 2006 to May 2011
2. **M.Tech** (Information Technology) – Sathyabama University – June 2007 to May 2009 – Part Time (First Class With Distinction)
3. **M.E** (Power System Engineering) – Anna University- June 2002 to April 2004 (First Class)
4. **B.E** (Electrical and Electronics Engineering – Bharathidasan University – June 1993 to April 1997 – First Class

RESEARCH EXPERIENCES

Ph.D Doctoral Research (2006-2011)

Service Oriented Architectural Model for Power System Transient Stability Analysis

Supervisors

Dr. V. Ramachandran, Former Professor, Department of Computer Science, CEG, Anna University, Chennai, Founder and Former Director, National Institute of Technology Nagaland, Former Vice-Chancellor, Anna University Tiruchirappalli

Dr.P. Lakshmi, Professor, Department of Electrical and Electronics Engineering, CEG, Anna University, Chennai

RESEARCH GUIDANCE

Number of Scholars Completed PhD : **07**

Number of Scholars Undergoing PhD : **04**

Ph.D Research Scholars work in Progress

1. S.D. Saranya - Artificial Intelligence based Economic Load Distribution Strategy of Power System (2020 Onwards)
2. L. Glarida Amala - Assessment and Tracking of Energy Capacity Variables in Electric Vehicle using Artificial Intelligence (2020 Onwards)
3. P. Senthilkumar - Machine Learning Approaches for Detection and Analysis of Fault in Distribution Transformer (2021 Onwards)
4. N. Anand - Artificial Intelligence Based detection and Monitoring of Electro Magnetic Radiation in Transmission Line (2022 Onwards)

RESEARCH AREAS OF INTERESTS

- Power Systems Engineering
- Design of Power Converters
- Intelligent Control Techniques
- Internet of Things
- Cloud Computing
- Artificial Intelligence and Machine Learning

Papers Published in International / National Journals : 47

Papers Published / Presented in Conference/Seminar/Symposium : 17

Invited Technical Lecture delivered in FDP/Seminar/Workshop /Symposium : 58

Value Addition Courses Organized (FDP/ Workshop/ STP/ Seminar) : 32

Value Addition Courses Attended (FDP/ Workshop/ STP/ Seminar) : 34

INTERNATIONAL VISIT

Malaysia (2015), Paper Presentation – Balasingh Moses M and Barsana Banu J, A New Isolated Bidirectional Full bridge Buck-Boost Converter with LCD Clamp Circuit, *IEEE Conference on Energy Conversion (CENCON)*