

## Faculty Achievements:

1. **Dr.Rajkiran Ballal I**, published an article titled “**Novel Advanced Artificial Neural Network-Based Online Stator and Rotor Resistance Estimator for Vector-Controlled Speed Sensor less Induction Motor Drives**” in open access journal **Energies 2024**.

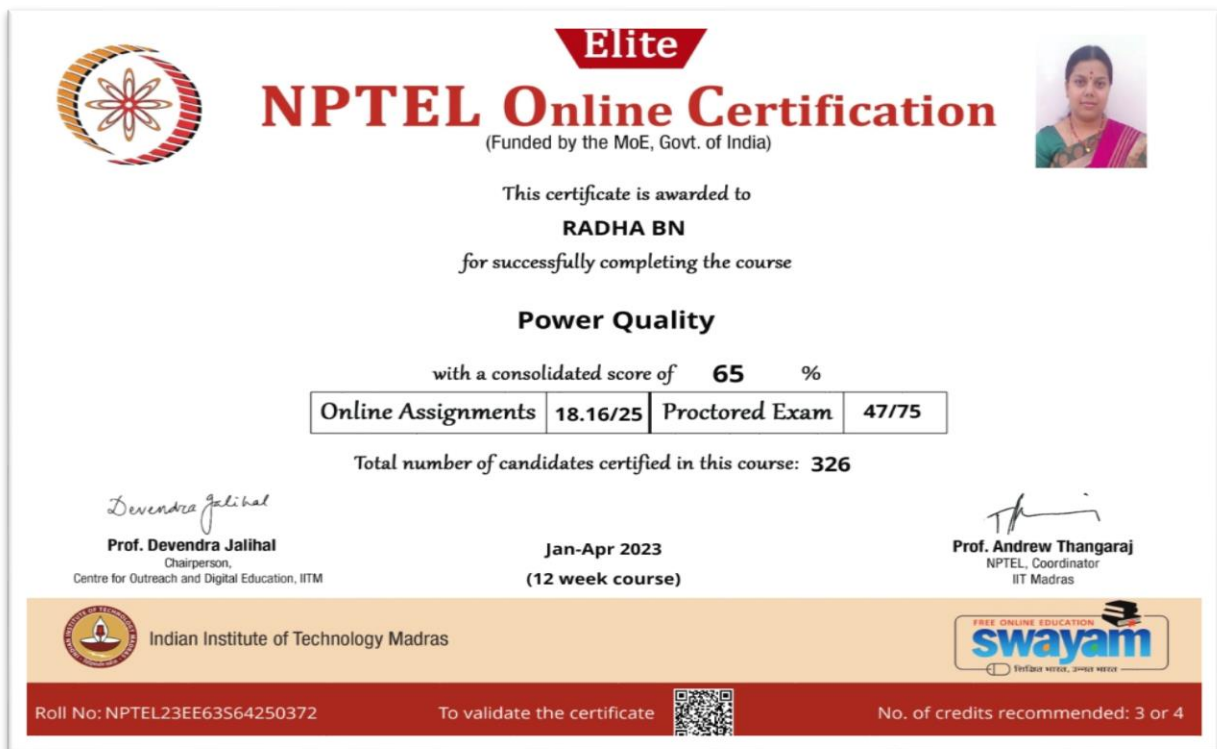


2. **Mrs. Radha BN**

- Completed NPTEL online course **Power quality improvement technique** with “**Elite and silver certification**” in April 2024.



- Completed **NPTEL** online course **Power quality** with “**Elite certification**” in **May 2023**



### 3. Mr. Lokanathan M S

**Honoured** for the **Book Publication** titled “**Elements of Electrical Engineering**” was published by Lambert Publishers, Germany, ISBN: 978-620-5-49921-4 at **CIT, Gubbi in 2023**

### 4. Mr. Vinaya BK

- The project entitled “PV System MPPT Method With Fuzzy Logic” guided was approved by **KSCST** for sponsorship under **46<sup>th</sup> series of SPP-2022-23**
- Honoured** for the **Book Publication** titled “**Elements of Electrical Engineering**” was published by Lambert Publishers, Germany, ISBN: 978-620-5-49921-4 at **CIT, Gubbi in 2023**
- Recent Publications:**
  - Go/Cuo Nanohybrid-Based Carbon Dioxide Gas Sensors with an Arduino Detection Unit, ACS Omega (Q1), 8, 36, 32512-32519, Doi: 10.1021/Acsomega.3c02598 (Q1) – Year 2023
  - Int. J. Nanomanufacturing, Vol. 16, No. 4, 2020, Novel green synthesis of silver nanoparticles from newly discovered Putranjivaceae plant leaf extract and their antibacterial studies
  - A paper titled Synthesis and Characterization of semiconductor Si nanowires for gas sensor applications at SRM University Chennai, International Conference on Nanoscience and Nanotechnology

(ICONN-2019) held during 28th to 30th January 2019

4. Honoured for the **Book Publication** titled "**Quantum Mechanics & Quantum Computation**" was published by Lambert Publishers, Germany, ISBN: 978-3-784-45689-3 at **Srinivas University, Mukka, Mangalore**
5. Successfully completed **NPTEL** online course on "**Electrical Machines**"
6. Completed **NPTEL** online course on "**Fundamentals of Electrical Engineering**" in **October 2018**