

About the Institute

Sir M. Visvesvaraya Institute of Technology (Sir MVIT) is an Institute of repute in the state of Karnataka founded by Sri Krishnadevaraya Educational Trust (Sri KET) in 1986. The institute offers 13 B.E. degree programs in AIML, IOT, CV, ME, EEE, ECE, Electronics & CS, CSE, CS (Data Science) Robotics & AI, TE, ISE and BT and 6 Masters Programs in Computer Applications, Business Administration, Robotics & AI, Construction Technology, Biotechnology & Bio Chemical and Electronics Sir MVIT has research facilities in 13 departments that support its Ph.D. programs. The centers of excellence in Sir MVIT are involved in active research work in various domains. The Institute is affiliated to Visvesvaraya Technological University and is approved by All India Council for Technical Education, New Delhi and is accredited by National Board of Accreditation, New Delhi and NAAC. The institute is also certified by Scientific & Industrial Research Organizations (SIRO)



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Associate Professor

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Mr. Kumaraswamy R.

Assistant Professor

Ms. Rekha R.

Assistant Professor

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Assistant Professor

Ms. Harshithananda

Assistant Professor

Ms. Sandra M.

Assistant Professor

AICTE ATAL Sponsored

6 Days Online

Faculty Development Program

on

**“Eco Innovation in Green Energy
and Climate Resilience:
Fueling for Economic and
Industrial Advancement”**

20th - 25th January, 2025

Time: 06.00 PM to 09.30 PM

Mode: Virtual Mode via Google Meet Link



Organized by

**Department of Electrical & Electronics
Engineering**

Sri Krishnadevaraya Educational Trust

**SIR M. VISVESVARAYA
INSTITUTE OF TECHNOLOGY**

(Affiliated to VTU-Belagavi, Recognized by AICTE &
Accredited by NAAC)

Krishnadevaraya Nagar, Off Kempegowda

International Airport Road, Hunasamaranahalli,

BENGALURU- 562157

www.sirmvit.edu

About the Department

Department of EEE was established in the year 1987. The department offers four-year UG program (B.E). The department looked upon as a centre of excellence in the institute. The department offers a stimulating environment for the students to execute their project works. The department has sound infrastructure with well facilitated laboratories and classrooms.

The department has well experienced faculties with diverse specializations and the core competency is mainly in the area of power system, power electronics and industrial drives, digital signal processing, distributed generation systems, etc. The Department was recognized as R & D centre by VTU in the year 2002 and has successfully completed major projects funded by AICTE, KREDL, CPRI and VTU.

Objective of the FDP

- To provide a comprehensive understanding of eco-innovations in green energy and their role in enhancing sustainability and reducing carbon footprints.
- To examine the economic impact of adopting green energy technologies, focusing on their potential to drive industrial growth and competitiveness.
- To introduce smart energy management systems and digital innovations like IoT and AI in optimizing energy usage and improving grid stability.
- To foster collaboration among researchers, industry professionals, and policymakers to develop sustainable practices and green energy solutions that align with future industrial needs.
- To introduce smart energy management systems and digital innovations like IoT and AI in optimizing energy usage and improving grid stability.

Scope of the FDP

This FDP aims to cover emerging renewable energy sources and smart grid integration. Participants will explore eco-innovations that enhance energy efficiency, reduce carbon emissions, and promote sustainable industrial practices. Furthermore, the FDP will delve into climate adaptation and resilience techniques, emphasizing the role of digital innovations like IoT and AI in enhancing energy systems. The program will also assess the economic and industrial impact of green energy adoption, providing a framework for leveraging policy incentives and sustainable development initiatives. Through technical sessions, case studies, and discussions, the FDP will foster a multidisciplinary approach to addressing the challenges of energy sustainability and climate resilience.

Outcome of the FDP

Participants will develop the ability to contribute to the design and implementation of policies that promote eco-innovation and green energy adoption in various sectors. Armed with this knowledge, participants will be better positioned to lead sustainable practices within their organizations, contribute to academic and industrial research, and foster collaboration between industry and academia to further advance sustainable energy initiatives. They will be equipped with the skills to integrate renewable energy solutions into industrial and commercial systems, enabling more efficient energy management and reducing environmental impacts.

Target Audience

The Faculty members, Research Scholars & PG Scholars of the AICTE approved Institutions and Industry Personnel

Resource Persons

Expert members from Overseas University / IIT / NIT & Industries will be handling the Lectures, online training and Case Studies sessions.

How to Apply

Registration has to be done through AICTE ATAL Portal
(<https://atalacademy.aicte-india.org/login>)

NO REGISTRATION FEES

Certificate

The certificates shall be issued to those participants who are registered on ATAL portal www.aicte-india.org/atal and attend the program with minimum 80% attendance and score minimum 70% marks in the test.
(<https://atalacademy.aicte-india.org/login>)

Important Dates

Last date for Registration : 05-01-2025
Acceptance Notification : 12-01-2025

**For Further Queries Please Contact
Dr. Mahesh K.**

Coordinator ATAL Online FDP

Prof, Dept of EEE,

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List of Resource Person's for 6 Day AICTE ATAL Sponsored Online Faculty Development Program



**"Eco Innovation in Green Energy and Climate Resilience: Fueling for
Economic and Industrial Advancement"**
Organized by Dept of EEE, Sir M. Visvesvaraya Institute of Technology, Bengaluru-562157



Date: 20th - 25th January 2025

Time: 06.00 PM to 09.30 PM (for First 5 days & on Saturday the Time is from :02.00 PM to 08.00 PM)



Shri. Damien Guilbert
Professor, Université le Havre
Normandie, France
Yrs of Exp: 15



Shri. Georges Barakat
Professor, Université le Havre
Normandie, France
Yrs of Exp: 30



Shri. Gregory Pinon
Professor, Université le Havre
Normandie, France
Yrs of Exp: 24



Shri. Anand Shivapuji
Senior Research Scientist at Indian
Institute of Science (IISc)
Bengaluru,
Yrs of Exp: 23



Shri. Dr. Sandeep Kumar
Associate Professor,
Dept of ESE
Indian Institute Technology,
Bombay.
Yrs of Exp: 20



Shri. Dr. Shivkumar
Co-founder & Director,
Mecwin Technologies Pvt. Ltd,
Bengaluru.
Yrs of Exp: 16



Shri. Dasika Siva Rama Krishna
Accredited Energy Auditor n
Zenith Energy Services (Pvt)
Hyderabad.
Yrs of Exp: 36



Shri. Ramchandra K.S
Managing Director - Renew Silicon
Teknology Pvt. Ltd. Bengaluru.
Yrs of Exp: 24



Shri. Dr. Vignesh V
Assistant Professor,
Dept of EEE
Indian Institute Technology,
Tirupati.
Yrs of Exp: 15



Shri. Sunil Kumar G S
Managing Director
Re-invigorate ventures Pvt ltd
Urban Engineer Consultancy Pvt
Ltd , Bengaluru.
Yrs of Exp: 10



Smt. Dr. Vinopraha T
Associate Professor,
Dept of EEE
National Institute Technology,
Puducherry
Yrs of Exp: 15



Shri. Dr. Riyaz A Rahiman
Senior Application Engineer-
MATLAB
CoreEL Technologies
Bangalore
Yrs of Exp: 14



Dr. Mahesh K.
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