



## Circular Economy for Sustainable Development: Research Methodology and Applications

4<sup>th</sup> January – 16<sup>th</sup> January 2027



### Chairman, EICT Academy & Director MNIT Jaipur

Prof. Narayana Prasad Padhy

### Chief Investigator, EICT Academy

Prof. Vineet Sahula, ECE

### Coordinator, EICT Academy

Dr. Satyasai Jagannath Nanda, ECE

### Co- Chief Investigators, EICT Academy

Prof. Lava Bhargava, ECE

Prof. Pilli Emmanuel Shubhakar, CSE

Dr. Ravi Kumar Maddila, ECE

### Objective (Electronics & ICT Academy-Phase II)

1) To conduct specialized FDPs for faculty/mentor training in line with the vision of MeitY by promoting emerging areas of technology and other high-priority areas that are pillars of both the "Make in India" and the "Digital India" programs.

2) To promote synergy and collaboration with industry, academia, universities and other institutions of learning, especially in emerging technology areas.

3) To support the National Policy on Electronics 2019 (NPE 2019) which envisions positioning India as a global hub for ESDM sector, including MeitY Schemes/policies such as Programme for Semiconductors and Display Fab Ecosystem; India AI; National Programme on AI, Production Linked Incentive Scheme for IT Hardware & Large-Scale Electronics Manufacturing; EMC; SPECS; Chips to System (C2S); etc.

4) To promote standardization of FDPs through Joint Faculty Development Programmes.

5) To support the vision of the National Education Policy (NEP 2020), which mandates that Indian educators go through at least 50 hours in professional development programmes per year.

6) To design, develop & deliver specialised FDPs on emerging technologies/ niche areas/ specialised modules for specific research areas for Faculty in Higher Education Institutions (HEI), besides FDPs on multi-disciplinary areas connected with ICT tools and technologies and other digital hybrid domains, covering a wide spectrum of engineering and non-engineering colleges, polytechnics, ITIs, and PGT educators.

An intensive 40 Hours Training Programme in online mode is being organised for faculty and doctoral students of management, engineering and technological institutions. It is also open to working professionals from industry/organizations. The main theme of the training program will be oriented around exploring the state-of-the-art research methodologies of the circular economy and its applications. The programme will be run during 3-6 PM on weekdays and 10-12 PM & 2- 5 PM (Sat) on weekends.

### Experts/Speakers-

Eminent experts from leading IITs, IIMs, NITs, reputed academic institutions, and industry will deliver expert sessions and share their knowledge, research insights, and practical experiences.

### Programme Modules:

| Module   | Theme                                                     |
|----------|-----------------------------------------------------------|
| Module 1 | Foundations of Circular Economy & Sustainable Development |
| Module 2 | Circular Economy Principles, Frameworks & Strategies      |
| Module 3 | Circular Economy Research Landscape & Gap Identification  |
| Module 4 | Research Design & Methodology for CE Research             |
| Module 5 | Quantitative Tools for Circular Economy Research          |
| Module 6 | Qualitative, Mixed Methods & Case Research                |
| Module 7 | Circular Business Models & Circular Supply Chains         |
| Module 8 | Sectoral Applications & Emerging Research Areas           |
| Module 9 | Research Publication, Impact & Future Directions          |

### Principal Coordinator:

Dr. Ayush Gautam

[ayush.dms@mnit.ac.in](mailto:ayush.dms@mnit.ac.in)

### Registration:

Registration is open to faculty, working professionals, industry persons, doctoral, postgraduate and graduate students. Participants will be admitted on first-come first-served basis.

Register online at– <http://online.mnit.ac.in/eict/> or scan the



### Certification Fee:

| Mode of programme | Academia<br>(faculty/Students):<br>India/SAARC/Africa | Others:<br>India/SAARC/Africa | Rest of the world |
|-------------------|-------------------------------------------------------|-------------------------------|-------------------|
| Online            | Rs. 750/-                                             | Rs. 1500/-                    | US \$ 60/-        |

(18% GST Extra)

(A) Fee once paid will not be refunded back.

(B) The fee covers participation in the programme, tutorial notes and examination, certification charges

(C) The organizers should receive the registration amount through online mode- NEFT/UPI, provided at the registration portal.

(D) Detailed schedule will be shared after receiving registration form.

→ For any other query, email us at [fdp.academy@mnit.ac.in](mailto:fdp.academy@mnit.ac.in) , [academy@mnit.ac.in](mailto:academy@mnit.ac.in)