



TWO DAYS HANDS-ON WORKSHOP ON SYNTHESIS AND CHARACTERIZATION OF NANOMATERIALS

23rd & 24th May 2025 | 9:00 am to 5:00 pm

Center of Nanoscience and Nanotechnology, VTU Muddhenahalli campus, Chikkaballapura



About the Program

This hands-on workshop intends to benefit all first-year engineering students to learn various synthesis techniques of nanomaterials and their characterization techniques. To develop an understanding of the basis of the choice of material for device applications such as supercapacitors, solar cells, memory devices (RAM, ROM) etc.

Objectives of the Program

- To provide practical training in nanomaterial synthesis methods.
- To offer hands-on experience in nanomaterial characterization techniques.
- To build understanding of material selection for device applications like supercapacitors, solar cells, and memory devices.
- To explore real-world applications of nanotechnology in daily life and integrated systems.

Expected Outcomes of the Program

- Participants will acquire practical skills in nanomaterial synthesis.
- Attendees will learn to apply key characterization techniques.
- Participants will understand material selection for specific device applications.
- Learners will gain insights into real-world applications of nanotechnology.

Target Audience: First year B.E students

[REGISTER NOW](#)

Committee Members

PATRONS

- Shri B M Reddy, President, JMJ Education Society.
- Shri B. Premnath Reddy, Chairman, Acharya Institutes.
- Smt. Shalini Reddy, Executive Director, Acharya Institutes.
- Shri Krishna Basani Reddy, Managing Director, Acharya Institutes.

ADVISORY COMMITTEE

- Dr. C. K. Marigowda, Principal, AIT
- Dr. Rajanna K R, Dean- Students Affairs, AIT

ORGANIZING COMMITTEE

- Dr. Kavyashree D, Head, Dept of Physics, AIT
- Dr. Mahesh S.S, Professor, Dept of Physics & First Year Coordinator, AIT
- Dr. Satish K, Head, Dept of Chemistry & First Year Coordinator, AIT

CONVENER

- Dr. Dinesh Rangappa, Professor and Chairman, Department of Applied Sciences, VTU

COORDINATORS

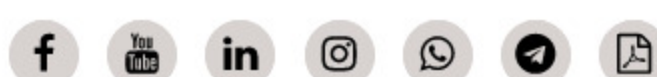
- Dr. K. Deva Arun Kumar, Assoc. Professor, Dept. of Physics, AIT Email: devaarun3093@acharya.ac.in Mobile: 8754871116
- Dr. Vasanthakumar. M. S, Asst. Professor, Dept. of Physics, AIT Email: msvasanth@acharya.ac.in Mobile: 9945755235
- Dr. Zaibudeen Abdul Wahith, Asst. Professor, Dept. of Physics, AIT Email: zaibudeen2998@acharya.ac.in Mobile: 7305543887
- Dr. Ashok Kumar Satapathy, Asst. Professor, Dept. of Physics, AIT Email: ashokkumars@acharya.ac.in Mobile: 9449712165
- Prof. Nagashree. M. C, Asst. Professor, Dept. of Physics, AIT Email: nagashree_1095@acharya.ac.in Mobile: 8762376119

Resource Person Details



Dr. Dinesh Rangappa

Designation : Professor and Chairman,
Department of Applied Sciences
(Nanotechnology) Visvesvaraya
Technological University, Center for Post
Graduate Studies, Bengaluru Region
Muddenahalli, Chikkaballapura 562101



Acharya Institute of Technology

Acharya Dr. S. Radhakrishnan Road, Acharya P.O
Soladevanahalli, Bangalore - 560107, Karnataka, India.

[LOCATE US](#)

Event Coordinator

Dr. K. Deva Arun Kumar,
Assoc. Professor, AIT