

ORGANIZING COMMITTEE

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CIT Institutions
Coimbatore -14

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Coimbatore -14

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Associate Professor and Head
Department of Physics
Coimbatore Institute of Technology
Coimbatore -14

Co-Coordiators

Dr. S. AGILAN

Associate Professor
Department of Physics
Coimbatore Institute of Technology
Coimbatore -14

Dr. P. BALRAJU

Assistant Professor
Department of Physics
Coimbatore Institute of Technology
Coimbatore -14

REGISTRATION DETAILS

Those willing to participate must complete and send the registration, declaration and sponsorship documents by e-mail to the organizers before 20.03.2017. There is no registration fee. Refreshments and meals will be provided by CIT Hostel. Lodging will be provided in campus for outstation participants. All communications will be via e-mail.

ELIGIBILITY

The teachers of the AICTE approved Engineering Colleges are eligible to attend this course. Faculty members from the streams of Physics/ Chemistry / Materials science / Mechanical Engineering / Electrical Engineering and other allied fields can apply for this course. The seats are limited, which would be filled on first come first served basis. The selected candidates will be intimated by e-mail. The outstation participants are eligible for 3 –Tier AC train fare by the shortest route. The TA/DA for outstation participants will be met as per AICTE norms.

RESOURCE PERSONS

Eminent researchers from reputed Academic and Research Institutions and practicing engineers from leading industries and other reputed institutions / organizations.

IMPORTANT DATES

Last Date for Registration	20.03.2017
Selection Confirmation	25.03.2017

For Registration and Details Please Contact :

Dr. P. BALRAJU

Assistant Professor,
(Co-Coordinator, AICTE - STC on RAMR)
Department of Physics

COIMBATORE INSTITUTE OF TECHNOLOGY

AVINASHI ROAD, COIMBATORE - 641 014. TAMIL NADU, INDIA.
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AICTE SPONSORED

Quality Improvement Programme

One Week Short Term Course

on

Recent Advances in Materials Research

3rd – 9th April, 2017

Organized by

Department of Physics

COIMBATORE INSTITUTE OF TECHNOLOGY

(A Govt. Aided Autonomous Institution)
Coimbatore – 641014. Tamil Nadu, India.
Phone: (0422) 2574071, 2574072
Fax : (0422) 2575020
Website : www.cit.edu.in

ABOUT THE INSTITUTION

Coimbatore Institute of Technology (CIT) started in 1956 by Sri. V. Rangasamy Naidu is reckoned for its academic excellence in engineering and technology. CIT is a Government Aided Autonomous Institution affiliated to Anna University, Chennai. The institute has a reputation with service of competent, well qualified faculty and dynamic management to set highest standards in engineering research and development. CIT offers under graduate, post graduate and Ph.D. programmes with a global standard curriculum promoting the students to compete internationally. The institute has collaboration with leading frontier universities and industries in India and abroad for the promotion of innovative research and development.

ABOUT THE DEPARTMENT

The Department of Physics is one of the oldest department in this Institution. Excellence in teaching and research has been the hallmark of the Department. The faculty members of the department are involved in innovative research. Research in the department is across the most challenging problems in condensed-matter physics, materials science, thin film physics, nanoscience and nanotechnology, photovoltaics and computational materials science. The research work carried out in the department has been published in a number of national and international journals resulting in good number of citations of our work.

The department has a well-established laboratory to prepare thin films and nanomaterials by physical and chemical methods. Departmental laboratory is equipped with sophisticated instruments like, atomic force microscope, spectro photometer, Raman Spectrometer, Hall effect measurement system and photo luminescence arrangement. The department has received funds more than Rs. 3 Crore from different government funding agencies like DST, UGC, CSIR, AICTE and also from international funding agencies.

PREFACE ABOUT THE SHORT TERM COURSE

Materials research is probably the most important element for the development of the necessary technologies. It has a multidisciplinary nature with

tremendous potential to create new materials and devices for wide range of applications. The impact of this cutting-edge technology has become so much more evident, especially in the areas of medicine, industry, environment, agriculture, power, construction and so forth, where it has revolutionized the very face of the sectors. This QIP will focus on synthesis and characterization of various materials for frontier applications. The participants shall be exposed to the practical experience provided by academic scientists and leading engineers. The aim of this QIP is to push the limits of the future emerging technologies, and also encourage the materials community to work together and share their findings. The QIP will cover a wide spectrum of novel materials which will be used by future emerging technologies.

The objective of this programme is to make the participants gain knowledge in the field of materials science and also to be acquainted with the emerging trends in this field and its applications by providing a forum for new ideas and concepts. The QIP on recent advances in materials research will have distinguished speakers who will throw light on a wide range of topics of contemporary importance in science, engineering and technology of materials science.

COURSE TOPICS

- ◆ Electronic and photonic materials
- ◆ Magnetic and dielectric materials
- ◆ Modern engineering and biomaterials
- ◆ Nanoscience and nanotechnology
- ◆ Materials characterization

ABOUT COIMBATORE

Coimbatore, is also known as Manchester of South India and is well connected to other cities by rail, road and air. The city has many textile, motor and automotive industries. It is also considered as an educational center. It is situated in the foothills of Ooty and there are many nearby places of tourist interest. The city is clean and has a pleasant climate.

AICTE SPONSORED

Quality Improvement Programme
One Week Short Term Course on

Recent Advances in Materials Research

3rd April – 9th April, 2017

Name Dr/Mr/Ms _____

Designation _____

Department _____

Institution/Organization _____

Official Address _____

E-mail _____ Fax No. _____

Tel. No. _____ (O) Mobile _____

Educational/Experience:

Degree	Specialization	Experience in Years

Hostel accommodation required Yes / No

DECLARATION BY THE APPLICANT

The above-mentioned information is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the QIP course. I shall attend all the sessions of the course for the entire duration.

Place :

Date : _____ Signature of the Applicant

SPONSORING CERTIFICATE

This is to certify that Dr./Mr./Ms of department of college is being sponsored for attending the AICTE-QIP Sponsored one week STC on "Recent Advances in Materials Research" organized by Department of Physics, Coimbatore Institute of Technology during 3rd April – 9th April 2017, if selected. The college is approved by AICTE.

Place :

Date : _____ Signature of the Head of the Institution
(With seal)