

ABOUT AICTE

In accordance with the provisions of the AICTE Act (1987), for the first five years after its inception in 1988, Minister for Human Resource Development, Government of India, was the Chairman of the Council. The first full-time Chairman was appointed on July 2, 1993 and the Council was reconstituted in March 1994 with a term of three years. The Executive Committee was re-constituted on July 7, 1994 and All India Board of Studies and Advisory Boards were constituted in 1994-95. Regional Offices of the Ministry of Human Resource Development, Government of India, located in Kolkata, Chennai, Kanpur and Mumbai were transferred to AICTE and staff working in these offices were also deputed to the Council on Foreign Service terms w.e.f. October 1, 1995. These offices functioned as secretariats of regional Committees in the four regions (North, East, West and South). Three new regional Committees in southwest, central, and northwest regions with their secretariats located in Bangalore, Bhopal, and Chandigarh respectively, were also established on July 27, 1994. One more regional committee in South-Central region with its Secretariat in Hyderabad was notified on March 8, 2007.

ABOUT UNIVERSITY

Deenbandhu Chhotu Ram University of Science and Technology (erstwhile C. R. State College of Engineering) was established through an Act of Haryana State Legislature on 6th November, 2006 to facilitate and promote studies and research in emerging areas of higher education with focus on new frontiers of Science, Engineering, Technology, Architecture and Management studies. The University is recognized under 12 (B) of the UGC Act, 1956. The University has been accorded 'Affiliating Status' by Act of Haryana State Legislature on 3rd August, 2011. The University is spread over 273 acres land and has 15 teaching departments under 6 different Faculties. The University is funded under TEQIP- III of MHRD of Government of India being funded by the World Bank.

DEPT. OF PHYSICS

The Department of Physics attained its present status as an independent department in January 2009. The Department has started M.Sc. in Physics from the session 2009-2010 and Dual Deg. B.Sc. (Hons)- M.Sc. Physics from 2017. Department has well-equipped laboratories for doing experiments at B.Tech., Dual Deg. B.Sc. (Hons)- M.Sc. Physics & M.Sc. Level. The department also has various research labs Material Research Lab, Hydrogen Energy Research Lab, Nano Lab & Simulation Lab. Department is also developing a high-end research lab (FIST Lab) equipped with Fluorescence Spectrometer, ME/MR loop tracer, Sputtering Unit, Impedance analyzer, Temperature, UV-VIS-NIR Spectrometer & Humidity control cabinet. The total cost of the FIST Lab is 100 Lacs & sponsored by DST New Delhi. The research projects sanctioned by various research agencies like UGC, DAE, DRDO, AICTE, DST & CSIR are being carried out in the department and presently, five members of the department are running projects sanctioned by DST, UGC and UGC-DAE. Some equipment such as XRD, E-Beam coating Unit, R.F. Induction Furnace, DTA etc. are also available in the department for PG students & research scholars. Renewable Energy Test Centre has been setup with a fund of Rs. 100 Lacs. from DST Haryana and now recognized as Regional Testing Centre (RTC) of MNRE, Govt. of India

OBJECTIVE OF THE FTP

The FTP aims to provide a platform for expert technical exchange regarding the advance technologies and innovations in the field of material science and characterization of materials. The FTP will draw attention of faculty towards the field of recent advancement in the development of engineering materials (such as Nanomaterials/ ceramics/ glasses/ polymers/ composite materials) and their applications.

COURSE OUTLINE

The following topics will be addressed during the faculty training program

- Synthesis of Nanomaterials and thin films
- Characterization of materials and thin films
- Simulations and Modeling of materials
- Thin films and sensors
- State of Art of advanced and hybrid engineering materials
- Biomedical applications of engineering materials
- Renewable energy sources and applications
- Advanced carbon products
- Device based applications of engineering materials

TARGET AUDIENCE

Faculty of Various AICTE /UGC approved Colleges and Universities .

RESOURCE PERSONS

Various session of the FTP will be presented by the Eminent Faculty from IITs, NITs, DU, PU, JNU, Central and State Universities/Institutions and industrial experts.

REGISTRATION FORM

AICTE-DCRUST

Sponsored

Faculty Training Program (FTP)

On

Recent Trends in Physics of Engineering
Materials

7th - 12th June 2021

Name: _____

Designation: _____

Department: _____

Specialization: _____

Institute/Organization: _____

Approved by AICTE: _____ (Yes / No)

Mailing Address: _____

Mob. No: _____

E-mail ID: _____

Seal & Signature of Principal

REGISTRATION FEE

**No Fee for Faculty from AICTE
Approved Institutes**

IMPORTANT DATES

Kindly register through online process using the link given below and also submit the registration form duly signed by the head of Institutions through email id given below by 01.06.2021.

<https://forms.gle/qpE9WfcwwdAhQUgU7>

EMAIL: physicsdcrust.ftp2021@gmail.com

Intimation to selected candidates (through email) by 03.06.2021.

FTP COMMITTEE

CHIEF PATRON

Col. Comdt. Prof. (Dr) RAJENDRAKUMAR

ANAYATH

HON'BLE VICE-CHANCELLOR

PATRON

Prof. (Dr) PAWAN KUMAR DAHIYA

REGISTRAR

AICTE MEMBER

Col. B. Venkat

Director, RIFD Bureau,

AICTE, New Delhi

University Coordinator

Prof. Chitrarekha Kabre

(Mobile: 91-8950276314)

(drchitrarekhakabre.arch@dcrustm.org)

UNIVERSITY STEERING COMMITTEE

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Prof. Anil Khurana, DCRUST

Prof. Anil Berwal, DCRUST

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CONVENER

Prof. Pawan S Rana, Chairman, Physics, DCRUST

COORDINATORS

Dr. Ashok Kumar, DCRUST, 9050139837

Dr. Surender Duhan, DCRUST, 9813170944

ADVISORS

Prof. Neeraj Khare, IIT NEW DELHI

Prof. Kedar Singh, JNU New Delhi

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Organized by

Department of Physics, Deenbandhu

Chhotu Ram University of Science &

Technology, Murthal, Sonapat,

Haryana

University Website : <http://www.dcrustm.ac.in/>

