

INTRODUCTION

Harcourt Butler Technical University (HBTU) Kanpur was upgraded into a University in year 2016 by the Government of Uttar Pradesh, India with a view for making it a leading Residential University to become a Centre of Excellence with focus on Research & Development and Incubation in the field of Engineering, Technology, Basic & Applied Sciences, Humanities, Social Science & Management, Architecture (proposed) and other professional courses. Objectivity of the University is to achieve excellence in higher education.

Department of physics, HBTU, Kanpur has built up a comprehensive research infrastructure with top-notch facilities for carrying cutting-edge teaching and research and has produced a large number of PhDs, who are spreading their knowledge in major research Institutions/State Universities/ Central Universities in India and abroad.

WHO CAN REGISTER?

Teachers / Research Scholars of AICTE approved Technical Institutions/UGC Affiliated Universities and degree colleges.

MAXIMUM NUMBER OF PARTICIPANTS

30 (Thirty only, on first come first serve basis)

REGISTRATION FEE

Participants from industry	10,000/-
TEQIP Institutions Faculty	5,000/-
Non TEQIP Institutions Faculty	2,500/-

No Fee for Teachers (Regular / Temporary / Contractual / Guest) from HBTU.

No TA/DA or any other payment will be made to participants. Boarding, lodging and all other expenses will be borne by the registered participants themselves or by their parental institutions.

Important Dates:

Last date for receiving Registration Form: November 20, 2018

Information about confirmation of Registration: November 25 2018

Patron

Prof. N.B. Singh
Hon'ble Vice-Chancellor,
HBTU, Kanpur

Coordinator, TEQIP-III

Prof. Rachna Asthana
Department of Electronics Engineering
HBTU, Kanpur

Chairperson

Prof. Rekha Bali
Dean,
School of Basic and Applied Sciences
HBTU, Kanpur

ORGANIZING COMMITTEE

Convenor

Prof. R. K. Shukla,
Department of Physics, HBTU, Kanpur
Email: rk6_knp@yahoo.com
Mobile: 7081300507

Co-Convenor

Dr. S. K.Sharma
Associate Professor & Head
Department of Physics, HBTU, Kanpur
Email: hodphy@hbtu.ac.in &
sksharma_hbti@yahoo.com
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Members

Dr. S.K.Gupta
Head Chemical Engineering, HBTU Kanpur
Dr. C.L.Gehlot
Department of Chemistry, HBTU Kanpur
Dr. Suresh Kumar Sharma
Dr. Umesh Gaur & Mrs. Shefali Singh Aahuja
Department of Physics, HBTU, Kanpur

CONTACT

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A Three Days Faculty Development Programme On

“Recent Trends in Condensed Matter Physics” Under



(November 29 – December 01, 2018)

Convenor
Prof. R. K. Shukla
Co-Convenor
Dr. S. K. Sharma

Organised
by
Department of Physics,
School of Basic and Applied Sciences



Harcourt Butler Technical University
Kanpur-208002,
Uttar Pradesh
India

About Harcourt Butler Technical University, Kanpur

Harcourt Butler Technical University, Kanpur came into existence on September 01, 2016 by U.P. Govt. Act. No. – 11,2016 as a result of the up-gradation of Harcourt Butler Technological Institute which was established in 1921 as a ‘Government Technological Institute’ by Sir Spencer Harcourt Butler, the first Governor of United Provinces (now Uttar Pradesh) and was renamed as HBTI in 1926. In view of timely realization of need of scientific and technological advancement required for the industrial growth in order to meet the aspirations of society, various post-graduate Diploma, Graduate, Post-graduate and Doctoral programmes in Science, Engineering and Technology were started from time to time for the development of trained scientific, technological and engineering manpower equipped with sound theoretical knowledge, in-depth understanding and practical experience in the area of relevant specialization. It has served the nation for 97 years by its tradition of excellence in technology & engineering education, research and innovations. It is the mother/ mentor institution of National Sugar Institute, Kanpur; Indian Institute of Technology, Kanpur; Rajkiya, Engineering College, Bijnor; Rajkiya, Engineering College, Kannauj and Rajkiya Engineering College Mainpuri. As HBTU, it has the desired autonomy to excel and shape itself as a world class Technological University.

On academic front, the University is running four Schools: School of Engineering, School of Chemical Technology, School of Basic & Applied Sciences, School of Humanities & Social Sciences with thirteen Undergraduate Programmes in Chemical Engineering, Civil Engineering, Computer Science & Engineering, Electrical Engineering, Electronics Engineering, Information Technology, Leather Technology, Mechanical Engineering, Biochemical Engineering, Food Technology, Oil Technology, Paint Technology and Plastic Technology along with M.C.A, full time & part time M.Tech. programmes in various disciplines and full time and part time Ph.D. programmes in number of disciplines as part of Quality Improvement Programme of MHRD and TEQIP-III. In view of the emerging need of the time, the University is planning to start number of programmes at undergraduate and post graduate levels in the near future.

The University provides a congenial environment for the holistic growth and all round development of the students so that they become globally acceptable personalities with

excellent communication skills, proper attitudes, aptitudes, problem solving capabilities and to work as a team.

About Department of Physics

Department of Physics is one of the oldest department of this University which is running since inception. Physics plays a vital role in various fields which is driven by the excitement of understanding and to explore the nature around us. For this physicists develop powerful quantitative problem-solving skills using mathematics, computer programming, electronics, and engineering. We have active groups working in, condensed matter and materials physics.

Department of Physics imparts physics teaching to undergraduate students of the university. This department has taught several courses like Physics-1, Physics-II, Material science and Engineering Materials and Material Science in the recent past. Presently, it is delivering Physics course to all branches of B.Tech.(First year, Engineering and Chemical Technology). This department has also been pioneer in research for last 35 years and produced more than 50 Ph.D. students. Most of these are now at reputed positions at various universities of India and abroad. This department has also published more than 500 research papers and undertaken several research projects from CSIR, UGC, DST etc.

Each year young people join our challenging undergraduate courses. They receive a rigorous education in physics from our academic staff. Our department offers incoming students generous support for their first two years, and a friendly community in which the aspirants may explore their abilities.

For undergraduates, our department provides outstanding teaching combined with many opportunities to become involved in the cutting-edge research that is going on in our research groups. Members of the department sit on various national and international advisory panels..

A Three Days Faculty Development Programme (FDP)

on

“Recent Trends in Condensed Matter Physics”

Under



(29th November – 1st December 2018)

Name:

Designation:

Organization:

Address:

E-mail and Mobile No.:

Accommodation requirement in University Guest House (on payment basis): Yes / No

Recommended and Approved by: Name:

Designation:

Organization:

(Signature & Seal of HoD / Dean)



TEQIP - III Sponsored
A Three Days Faculty Development Programme (FDP)



on

“Recent Trends in Condensed Matter Physics”

(29 / 11 / 2018 to 01 / 12 / 2018)

Organized by

Department of Physics,

School of Basic and Applied Sciences

Harcourt Butler Technical University, Kanpur

Registration Form

(Available at www.hbtu.ac.in)

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Organization:

(Signature & Seal of HoD)

Approved by:

Name:

Designation:

Organization:

(Signature & Seal of Dean, if any)
