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HBTU, Kanpur

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PARTICIPATION

Academicians, research scholars and students from Universities, Colleges and Research Institutions, Industry Professionals from related fields are eligible to attend this online short term course.

OBJECTIVES OF THE SHORT TERM COURSE

- Deliberation of the knowledge of research design and methodology
- Elaborate techniques for designing research objectives and conducting systematic literature review
- Train the participants for using appropriate modes of analyzing quantitative data
- Discuss research related issues with the facilitator.

Note: Last date for registration is Oct 08, 2022..

Contact us at

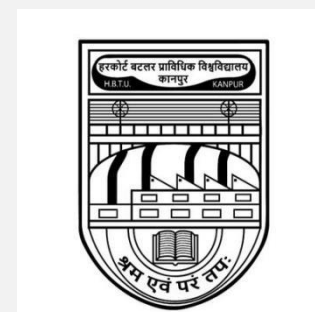
Prof. Rekha Bali (7499545695)
Dr. Ramasray Singh Yadav (9415680851)
Dr. Swati Mishra (8318405054)

Email: stc.rmqt@gmail.com

One Week Online Short Term Course

On RESEARCH METHODOLOGY AND QUANTITATIVE TECHNIQUES

October 13-19, 2022



Convenors

Prof. Rekha Bali
Prof. Ram Naresh

Organized

By

Department of Mathematics
School of Basic and Applied Sciences
Harcourt Butler Technical University
Kanpur-208002, Uttar Pradesh

ABOUT THE UNIVERSITY

Harcourt Butler Technical University Kanpur has been established in year 2016 by the Government of Uttar Pradesh with a view for making it a leading Residential University to become a Centre of Excellence with focus on Research and Development and Incubation in the field of Engineering, Technology, Basic & Applied Sciences, Humanities, Social Science & Management, Architecture, and other professional courses. HBTU aims to promote studies, research & innovation in Engineering areas of higher education, to enhance skill development through continuing education programme and knowledge and to achieve excellence in higher technical education.

On academic front, the University is running Four Schools 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, MBA, M.Sc.full time & part time MTech. Programmes in various disciplines and full time Ph.D. programme in number of disciplines as part of Quality . In view of the emerging need of the time, the University is planning to start number of Programmes at Undergraduate and Post Graduate level soon. The University provides a congenial environment for the holistic growth and all-

round development of the students such that they become globally acceptable personalities with communication skills, proper attitudes, aptitudes, problem solving capabilities and to work as a team.

ABOUT THE DEPARTMENT OF MATHEMATICS

The Department of Mathematics has been striving hard for excellent teaching and research in Mathematical Sciences since its inception in 1961. The undergraduate and postgraduate students of various chemical technology and engineering departments are enriched/equipped with in-depth theoretical background of sophisticated applied mathematics required for modern scientific investigations and technological developments and practical training in numerical computing by following need-based designed curriculum. The Department runs M.Sc. (Mathematics & Data Science) programme and doctoral research programmes for carrying out research in inter-disciplinary areas.

The faculty of the department are actively engaged in research in emerging thrust areas viz. mathematical modeling, ecological and environmental systems, mathematical biology, biomechanics, fluid mechanics of the eye and cerebrospinal fluid, blood flow dynamics etc. Facilities for interdepartmental and interdisciplinary research activities have also been evolved.

The Department is well equipped with computing and internet facilities. A number of research projects sponsored by different organizations like CSIR, CST UP, UGC, DST and ICMR have been completed. Also, various conferences, seminars, workshops, summer, and winter schools have been organized by the department. Apart from this, the faculty members of the department also regularly visit to deliver lectures in conferences and seminars outside. The experienced and dedicated team of faculty members have presented published good numbers of research papers. Nearly 66 students have been awarded Ph.D. degrees under the supervision of departmental faculty members and at present 09 students are registered for Ph.D. Programme.

RESOURCE PERSON

The faculty members from HBTU/ reputed Engineering colleges and Universities will deliver the lectures.

REGISTRATION PROCESS

The registration of participants will be done only through the following link:

<https://docs.google.com/forms/d/e/1FAIpQLScy8HpVjbY1mhNKtKKJBeQQYOphiKaFPCZYHx70QALIS7QeRg/viewform?usp=sharing>