



CUJ, RANCHI



IIT (ISM) DHANBAD

One-week Training Programme on

“Advanced Instrumental Techniques in Water and Wastewater Analysis (AITWWA’ 22)”

27th June - 3rd July 2022

Conducted by

Department of Environmental Sciences
Central University of Jharkhand, Ranchi, Jharkhand

Under

SYNERGISTIC TRAINING PROGRAM UTILIZING THE SCIENTIFIC & TECHNOLOGICAL INFRASTRUCTURE (STUTI)

An initiative of Department of Science & Technology (DST), Govt. of India

About the University

The Central University of Jharkhand was established through the Central University Act, 2009. The University started with a vision to specially focus on relevant present age educational drives with an emphasis on research in cutting edge technologies. It offers Under Graduate, Post graduate and Ph.D. programmes in Schools/Departments of studies. The CUJ Faculty have been awarded National and International Fellowships, project funding and recognition and are constantly contributing to the Government Sector, Public and Private Sector organization through teaching and consulting. The students have also won accolades in national level academics and extramural activities. The temporary campus of the University is located at Brambe, a 25 km drive from Ranchi city, in the State of Jharkhand, India. It located in 45 acres beautiful and vibrant green campus, with classrooms and hostels blending well with the environment. The Permanent Campus of the University is located at Cheri-Manatu, about 10 km off main city, currently hosting the administrative building and few schools and departments

About the Department

The ‘Department of Environmental Sciences’, Central University of Jharkhand established in 2012, offers undergraduate, postgraduate & Ph.D. programmes in Environmental Sciences. The department has received support under “Fund for Improvement in Science & Technology Infrastructure” (FIST-2019) program of the Department of Science and Technology (DST), Govt. of India. The Department is actively involved in imparting education to its students and promoting environmental awareness through seminar, conferences, workshops and related events. The department is doing high quality research and has been funded through various projects by governmental bodies viz. UGC, SERB, DST, DBT in major thrust areas like atmospheric science, agro-meteorology, climate change, phytoremediation, plant ecology, forestry, soil science, carbon sequestration, & biofuels.

Details of the Training Program

The Department of Science and Technology (DST) intends to build human resources and knowledge capacity by arranging training programs through open access science and technology infrastructure across the country under the banner of ‘Synergistic Training Programme Utilizing the Scientific & Technological Infrastructure (STUTI)’. Each training session will be for seven (7) days and thirty (30) participants can be accommodated. All the training expenditures (travel by train, food and accommodation, training materials) will be borne by the DST. The present proposed program will be conducted by the ‘Department of Environmental Sciences’, Central University of Jharkhand, Ranchi under DST-STUTI Programme of Indian Institute of Technology (ISM) Dhanbad to impart knowledge on some advanced instrumental techniques used for characterization in Environmental Sciences, Chemistry, Life Sciences and other related areas. This module will be beneficial for the researchers actively engaged in academics, research, or consultancy work. Participants will have to go through the classroom teaching which will be followed by the laboratory demonstration of each instrument. The practical operation procedures and interpretation of analysis results of each instrumental techniques will be described in detail. The training program will be held from 27th June to 03rd July, 2022. The participants may be allowed to bring their samples, if any, for hands-on analysis.

Eligibility criteria of participants for the training program:

Person of India origin;

Minimum qualification should be Post Graduate (Science) or B.Tech. (Technology);

Professors/Scientists/Post-Doc Fellows/Ph.D. Fellows/Industry Persons who are actively involved in research and development (R&D)

Not more than 03 participants from one institute per training should be allowed from outside the host institute

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- Number of seats are limited, selection is based on first come first serve
- Participant will be paid to-and-fro Sleeper Class normal train fare by shortest route or actual fare, whichever is less
- Free Boarding & lodging

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