

Registration Form

Registration No. (For office use)

Name: _____

Designation: _____

Institution: _____

Mailing Address: _____

Email: _____

Contact No. _____

Accommodation required: YES/NO

Online Registration Link (Google Forms):

<https://forms.gle/NWE2r66sjwLEE4R9>

For further details please contact :

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Workshop contents/themes

- Machine learning and Big Data Analytics
- Biological Database
- Genomics and NGS
- Phylogenetic Analysis
- Bioinformatics and molecular modelling
- Data science in health and medicine

Registration

Last Date for submission of Application Form	25.03. 20203
Acceptance of Selected Candidates	25.03 20203

Applications must be submitted along with an abstract (~ 300 words) of one's current research work/ research interest with emphasis on how this workshop would be beneficial

- There is no registration fee for participating in this workshop.
- Travel, Accommodation and food will be arranged by the Organizers as sponsored by DST-ICPS

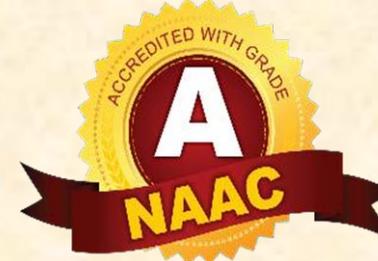


विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY



DST – ICPS Sponsored National Workshop *Perspective of Big Data Analysis in Biological Sciences*

27th to 29th March , 2023



ORGANIZED BY:
School of Life Sciences
Central University of
Rajasthan Ajmer
Rajasthan



About University:

The Central University of Rajasthan (CURAJ) was established in the year 2009 and is fully funded by the Government of India. The University comprises of 150 faculty members and approximately 2000 students. CURAJ is located in Ajmer district of Rajasthan. In order to meet the challenges of the knowledge era and to keep pace with the knowledge explosion in Higher Education, the Central University of Rajasthan is committed to inculcating and sustaining quality in all the dimensions of Higher Education viz. teaching, learning, research, extension and governance while catering to the regional and global needs. CURAJ offers 50+ Masters and PhD programmes in its 32 departments. The University has School of Life Sciences comprising 30 faculties. This workshop is being organized by faculties of School of life sciences and department of Data science and Analytics.

About the workshop

Big Data has become highly significant in almost every area of biological sciences - whether it is exploring genomic diversity in the context of evolution or human disease, epigenetic changes in development, or understanding transcriptional regulation of genes or posttranslational protein modifications. This seminar will have renowned experts and eminent researchers from both academia and industry. The experts and researchers from diverse background will talk about the implications of Big Data Analysis in the field of Biological Sciences. It will expose the Faculty/ Research Scholars/Students in emerging technologies in the areas of application of big data in Biological sciences.

Objectives of the workshop

1. Familiarization with basics of Big Data Analytics such as Cloud-based Data Analytics, Infrastructure, Technologies etc.
2. Learning the different Computational Platforms available for Big Data Analysis.
3. Introduction of Big Data Science and its use in Biological Sciences perspective.
4. Applications and approaches of Big Data in Biotechnology such as clinical research, health care, industries etc.
5. Understanding the various Challenges and Opportunities available in this field.

Organizing Committee

Chief Patron Prof. Anand Bhalerao,
(Hon'ble V. C., C. U. Rajasthan)



Patron Prof. Manish Dev Shrimali
(Dean Research, C. U. Raj)
Prof. D. C. Sharma
(Dean Academics, C. U. Raj)
Prof. C.C. Mandal
(Dean Life Sciences & HoD Biochemistry)

Convener Dr. Shiv Swaroop,
Dept of Biochemistry, CURaj.

Co-convener Dr. S. T. Vaiphei
(Dept. of Biotechnology),
Mizoram University)

Organizing Secretaries Dr. Hemant Daima,
Dr. Janmejy Pandey
Dr. Kiran K. Tejavath

Advisory committee Prof. Pradeep Verma
Prof. Pawan K. Dadheech
Prof. Sanjib K. Panda
Prof. Inshad Ali Khan
Dr. Jaykant Yadav