

Rules for participation in the event

4th Research Colloquium 2024 welcomes active participation by the Ph.D. scholars of BIT, Mesra, and its extension centers. Our Research Colloquium is a chance for faculty members, students, and staff to meet, share work in progress, and enjoy each other's work and support. Research presentations will be in the form of Oral and Poster presentation.

For smooth conduction of the program, all the Departments of the Institute and its extension centers will be segregated into 4 groups namely,

Group 1 – Computer Science and Engg., Electronics and Communication Engg., Electrical and Electronics Engg.

Group 2 – Architecture, Civil and Environmental Engineering, Mechanical Engineering, Production, Remote Sensing, Space Engineering and Rocketry

Group 3 – Physics, Mathematics, CQEDS, Management

Group 4 – Bioengg & Biotech, Chemical Engineering, Pharm. S&T, Chemistry

All ongoing Ph.D. students who have completed **02 years** of their studentship in the institute but have not completed their Pre-PhD thesis presentation should participate actively in the 4th Research Colloquium 2024.

1st, 2nd and 3rd Prize will be awarded separately to both Oral and Poster presentations categories (in all four thematic areas separately).

The Ph.D. students who will participate in the oral or poster presentations should register and submit their abstract to **4th Research Scholar colloquium 2024** - Google Forms (<https://forms.gle/B2ED2dVYxbuE7cyQ8>) by 5th July 2024.

The abstract should be submitted as MS word file named as 'Name of the student, Guide's name and department'.

The format of the abstract should be,

Title: Times New Roman, Font 14, Bold Author: Times New

Roman, Font 12, Bold Affiliation: Times New Roman, Font 12

Abstract: within 250 words, Times New Roman, Font 12. All in 1.5 spacing

Key Words: 4-5

The oral presentation should be of 10 minutes.

Poster Presenters are advised to email the soft copy of their posters (portrait) with a minimum 20-point font size and photographs 5"X7" made in MS PowerPoint/PDF to 4bitrscolloquium@gmail.com The size of the posters will be 36"X48".

All the participants would be awarded participation certificate

Patron

Prof. Indranil Manna, Vice Chancellor, BIT, Mesra

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Faculty Coordinators

Group 1

- Dr Richa Mishra
Dept. of Electronics and Comm. Engg.
- Dr. Debomita Ghosh
Dept. of Electrical & Electronics Engg.

Group 2

- Dr. Arkadeb Mukhopadhyay
Dept. of Mechanical Engg.
- Dr. Rajiv Kumar
Dept. of Space Engineering & Rocketry

Group 3

- Dr. Rajeev Kumar
Dept. of Physics
- Dr. Mrinal Jana
Centre for Quantitative Economics and Data Science

Group 4

- Dr. Biswatrish Sarkar
Dept. of Pharmaceutical Sciences & Tech
- Dr. Suvendu Naskar, Dept. of Chemistry

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4th RESEARCH COLLOQUIUM (RESCOL IV)

July 15-17, 2024

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RANCHI

Organized by
Birla Institute of Technology
Mesra - 835215, Ranchi, Jharkhand, India
Website: www.bitmesra.ac.in

Last Date for Registration and abstract submission: **July 05, 2024**



About us

The Birla Institute of Technology, Mesra, Ranchi was established in 1955 by Philanthropist-Industrialist Mr. B M Birla with a vision to develop it into a world-class institution imparting quality education in engineering and foster a culture that connects knowledge, practice, and cutting-edge research. The Institute offers Undergraduate, Postgraduate as well as Doctoral programs in Engineering & Technology, Architecture, Sciences, Remote Sensing, Computer Applications, Pharmaceutical Sciences, Food Technology, Business Management, and Hotel Management & Catering Technology. BIT is the first institute in the country to establish a Department of Space Engineering & Rocketry in the year 1964. BIT also introduced the concept of the Science and Technology Entrepreneurs' Park (STEP). BIT, Mesra has been ranked 46th in the category of Engineering (Research and Teaching) by current National Institutional Ranking Framework, Ministry of Human Resource Development, Government of India.

Research at BIT, Mesra

The institute is actively pursuing advanced research programmes which are focused towards advancement of human knowledge and development of society. Research efforts are directed towards solving complex problems, delivering social benefits, and driving economic prosperity, nationally as well as globally. The Dean is responsible for the development and implementation of research strategy of the institute. It assists departments to formulate strategic planning for research and executing the plan. It Co-ordinates academic management of the research of the institute, encourages faculty and departments to increase research grant from different funding organization in India, encourages national and international Collaborations.

Registration

There is no registration fee for the event
Registration link for Google Doc. Form is
<https://forms.gle/B2ED2dVYxbuE7cyQ8>

Posters should be sent to
4bitrscolloquium@gmail.com
as MS PowerPoint/PDF file named as "Name of the student and Department"

Point of contact for PhD students: Faculty Coordinators for Respective Groups



ABOUT THE EVENT

Research and Development in various fields of Science and Technology is the key to the sustenance of human life on this planet. It is a time, when coordinated regional, national, and international effort is required for a resilient recovery. BIT, Mesra cannot sit back from this endeavor, and thus, here we are with this initiative of organizing the 4th Research Colloquium during **15th to 17th July 2024**. The institute has been leading its research activities in many emerging and classical fields of science and engineering. Research scholars with their mentors have been contributing towards expanding scientific knowledge and national progress. Therefore, this program is oriented towards showcasing their research activities through oral and poster presentations. This would help them in recognizing missing gaps, feedback, and opportunities for further collaborative research. This would also be instrumental in motivating the research talents of the institute. Let's collaborate and share our thoughts.