

ABOUT IIT KHARAGPUR

Kharagpur, a small town tucked away in eastern India, known until 1950 for having the world's longest railway platform, became the nursery where the seed of the IIT system was planted in 1951. IIT Kharagpur began its journey in the historic Hijli Detention Camp in Eastern India, where some of the country's great freedom fighters toiled and sacrificed their lives for India's independence. Spurred by the success of IIT Kharagpur, four younger IITs were established across the country over the following two decades. From these five institutions emerged thousands of IITians, who became ambassadors of modern India. The success of this pioneering institution at Kharagpur helped shape India's technological odyssey.

The Institute takes pride in its relentless efforts to provide an outstanding platform for education and research across diverse areas, including science and technology, infrastructure design, entrepreneurship, law, management, and medical science and technology. IIT Kharagpur is not merely a place to study technology; it is a place where students are encouraged to dream about the future of technology and think across disciplines, creating meaningful solutions and making a difference in the world.

Eligibility: STEMM students pursuing degrees in engineering, medicine, basic sciences disciplines, and integrated teacher preparation programmes. Interested researchers and faculty are encouraged to apply.

PROGRAM SCHEDULE & VENUE

Offline Mode: 8 - 10th January, 2027
(09:00 AM - 5:30 PM)

IIT Kharagpur Research Park, Newtown, Kolkata.

Online Mode: Orientation Workshop, which will be communicated to the participants.

Program FEE:

Faculty: 2000 INR
Researchers: 1200 INR
Students: 1000 INR

Last date of Application:

1st
November, 2026

How to Apply:

Use the link:

<https://erp.iitkgp.ac.in/CEP/courses.htm> to apply online.

Signup → Login → Profile Fillup → Choose a Program → Apply Now

Payment if applicable, is to be done ONLINE after getting shortlisted for the program

CONTACT US

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Indian Institute of Technology Kharagpur

**EMPOWERING STEMM STUDENTS
FOR EFFECTIVE SCIENTIFIC
COMMUNICATION**

Three-Day In-Person Workshop

**8-10 January, 2027
IIT Research Park, Kolkata**

With Pre-Workshop Online Orientation



PROGRAM OVERVIEW

Effective science communication is fundamental to bridging the gap between scientific research and public understanding. However, STEMM students across engineering, basic sciences, medicine, and teacher education programmes receive limited formal training in science communication. This workshop aims to address this gap by equipping STEMM students with essential science communication competencies across multiple modalities, including written communication (graphical abstracts, blogs, and infographics), oral communication (storytelling and presentations), digital communication (infographics, podcasts, videos, and professional social media platforms such as LinkedIn), and embodied communication (body language, demonstrations, and engaging delivery).

Through this integrated approach, the workshop seeks to develop comprehensive communication skills that students can apply across academic, industry, and public contexts, enabling them to communicate scientific ideas clearly, creatively, and effectively.

The workshop also welcomes faculty members and researchers working in related areas, as well as those interested in becoming Master Trainers. Participation will provide them with strategies, tools, and resources to further strengthen science communication capacity and empower students within their respective institutions.



WHAT YOU WILL LEARN

PROGRAM CONTENT

- Introduction to Science Communication
- Models, Methods & Audiences in Science Communication
- The Art of Scientific Writing
- Storytelling for Science Communication
- Embodied Pedagogy & Engaging Science
- Visual Science Communication: Infographics & Animation
- Podcasting & Multimedia Science Communication
- AI-Assisted Science Communication
- Science Communication in the Digital World
- Science Journalism, Blogs & Social Media
- Ethics, Academic Integrity & Responsible Communication
- From Research to Public Impact



ABOUT THE CONVENORS



Dr. Apramita Chand

Currently working as an Assistant Professor in the Department of Education, Dr Chand combines her dual expertise in Chemistry and Education, for conducting impactful educational workshops relating to digital tools for STEM pedagogy.

As an experienced Science Communication Facilitator, she has led numerous outreach initiatives focused on making health and hygiene science accessible to vulnerable communities.



Dr. Mayur Prakash Bonkile

Dr Mayur Prakash Bonkile is an Assistant Professor in the School of Energy Science and Engineering at IIT Kharagpur, India. He works in the area of electrochemical energy storage and leads the Battery Engineering and Sustainable Technology (BEST) Group.

Mayur is a science communicator and loves to explain scientific concepts to the public. He won various science communication competitions, including FameLab, Swiss Science Slam and EURAXESS Science Slam.

