

# CONTINUING EDUCATION CENTRE INDIAN INSTITUTE OF TECHNOLOGY ROORKEE



YEARS OF  
**IIT ROORKEE**

Estd. 1847



**250+**  
Courses  
Last 5 Years

**10000+**  
Participants  
Last 5 Years

**40+** Interational  
Sponsors

**100+** National  
Sponsors

## Continuing Education Centre

Continuing Education Center IIT Roorkee was established in 1955 for the promotion of knowledge up-gradation by organizing refresher/specialist courses for executives, working professionals and aspiring individuals. In addition to the knowledge up-gradation, CEC IIT Roorkee courses also offer a launchpad to learners in the domains that are most sought after by the industry.

Continuing Education Centre (CEC) conducts sponsored and open participation programs in various disciplines of engineering, science, technology and management for learners both nationally and globally. Through these courses, CEC also provides the opportunity to visit and study at IIT Roorkee for a short duration. Apart from the technical expertise available in the Departments and Centres of the Institute, wherever necessary, experts from industries and R&D organizations are also invited to deliver talks/lectures.

### Message from Coordinator, CEC



**Prof. Kaushik Ghosh**

<https://iitr.ac.in/cec/Coordinator.html>

At CEC IIT Roorkee, we are committed to making high-quality and transformational education accessible to all. Our programs are designed to provide executives, professionals, and aspiring individuals a launchpad for taking them to next level in their career. In addition to sponsored short-term courses, which form a large part of the training and upskilling effort, CEC IITR has launched a new major initiative to offer the longer duration programs (up to a year) having PG and Advanced Certifications. CEC IITR

courses are available in both asynchronous and hybrid learning modes.

Our courses are designed to provide learners a specialization, which will enable them to master in-demand skills needed to work on the latest problems in industry and research. These include Data Science, Machine Learning, Artificial Intelligence, 5G, Cyber Security, VLSI, DevOps, as well as emerging technologies in engineering, science, and management. Through these open participation programs, we aim to reach out to aspiring individuals and professionals to develop cutting-edge competencies in their professional careers. CEC has signed partnership MoUs with many organizations to offer courses and training programs in diverse areas. Some of our major partners for sponsored courses are Sail, TATA Steel, NTPC, BEL, SAARC, NIC, etc. In the open learning online space, we have also partnered with EdTech such as Wiley, Coursera, Simplilearn, CloudxLab, Times group, etc., to deliver transformative courses having balanced blend of both theoretical concepts as well as industry-relevant hands-on.



## Features of CEC

- Offer open participation courses of short term duration upto three weeks and long term duration up to 11 months.
- Conduct sponsored courses of short term and long term duration funded by external organizations.
- Offer continuing education programs worldwide for working professionals and aspiring individuals helping to transform their knowledge and technical proficiency.
- Conduct the AICTE approved QIP programs.

### Continuing Education Centre

Open Participation Courses

Sponsored Courses

AICTE Approved QIP Programs

- Courses offered by CEC are designed to follow the robust model which consists of online content, weekend/evening live sessions and series of hands-on/capstone projects.
- Collaboration with industry partners/Edtechs for delivery using optimised LMS, involvement of industry experts, and career guidance for learners.
- PG and Advanced Certificate courses in emerging and in-demand areas like Data Science, Machine Learning, Artificial Intelligence, 5G Communication, VLSI, DevOps and many other areas in science, engineering and managements etc.
- Courses offered at IIT Roorkee / Greater Noida/ Saharanpur campuses.
- Training/ courses with the aim to provide career enhancement and skill-up-gradation as per the industry/corporate requirement.
- Facilitate signing MoUs/agreements and support in proposal submissions by faculty.

## Process for Conducting CEC Courses



## Testimonials



**Subhali Chatterjee**  
Analyst, Deloitte Consulting

*I was looking for an opportunity to explore cyber security and that opportunity was provided to me by IIT Roorkee. This course is the most concrete course I could find online. The faculty from IIT Roorkee has been very interactive and the guided assignments really help us in practicing what we are being taught. The learning platform is pretty convenient to use and all the recordings and resources of the lectures are provided to us. I would recommend this course to anyone looking for an in-depth cyber security course.*

*It was truly and amazing experience to be part of this hackathon - it was full of learning, fun and enjoyment. It was my first ever hackathon and it was nice to see so many enthusiastic participants. I'd want to express my gratitude to IIT Roorkee for offering such a fantastic opportunity to participate in this hackathon and take our knowledge to the next level.*



**Anubhav Jain**  
Lead Knowledge Analysts - BCG (Germany)



**Ritesh Aggarwal**  
Program Manager, Ricoh India Ltd.

*PGCP-DSML course has helped me revamp my learning and my knowledge base via introducing me to amazing insights of Data Science and state-of-the-art knowledge in Machine Learning. The curriculum is very vast and detailed. Extremely knowledgeable faculty who are always ready to support. PGCP-DSML syllabus is perfectly designed and thoroughly executed! It provides an at par advantage of IIT Roorkee an esteemed institution. Highly recommended!*

*Took this up out of curiosity 6 months back to know more about how the future of the BFSI industry would look like with AI and its application in it. But ended up learning so much and more curious about this plethoral field of AI and ML, humbled and thankful to share that I have completed AI in BFSI, thanks to our amazing mentors, team for the amazing online class platform and support, to various industry experts that took time out of their busy schedule to share with us the current scenario of AI in BFSI and especially IIT Roorkee faculty for so much support throughout.*



**Pulak Mittal**  
Moody's Analytics



## Support & Facilities



- Classrooms with smart board facility



- Recording room



- Meeting room



- Well-equipped departmental labs

- Central library

- Well-furnished guest house consisting of fully air-conditioned rooms

- Well-furnished dining hall

- Institute Computer Centre

- Institute Instrumentation Centre

- Transform live lectures into monogram/book/recorded format

- Course publicity and marketing

- Facilitate MoUs/agreements

- Proposal submission

- Awarding certificate



## Glimpses of CEC Programs



*Campus Immersion  
for Advanced  
Data Science and  
Machine Learning  
course*



*Training  
Program  
at CEC  
Classroom*



*CEC Course  
Inauguration*



*Certificate  
distribution in  
PG Certification  
Course*



## National and International Sponsors



## Ed-Tech Partners



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