The research in biotechnology involves the exploitation of biological processes, organisms, cells or cellular components and leads to the development of new products, processes and efficient tools which are useful in many sectors including research, environment, agriculture and health. Intellectual Property Rights (IPR) allows the inventors of such novel technologies to reap commercial benefits from their invention and it encourages further innovation. Though the field of Biotechnology and Intellectual Property Law are prospering in all possible directions, the interdisciplinary approach has not gained much prominence. Many a times the researchers are misinformed about the role and the possibilities arising around patents and IPR as a whole. In this course we aim to teach what IPR are, with a special focus on patents. Also this course will look at the importance of patents in the world of biotechnology and what can be actually patented. At what stage protection of invention/research should be initiated and what can be the long term benefits, how IPR is helpful for entrepreneurship, all these question will be addressed in this course. The course will also shed light on working of patents and enable the participants to assess whether their research should be protected or not.
### Course Content

**The course will cover following modules:**
- Introduction to different types of IPR
- Biotech Invention: Nature and Scope
- filing procedure
- Claims and concept of Freedom to Operate in Biotech area
- Legal and ethical issues related to biotech patents
- Biotechnology and other forms of IPR
- Bio-entrepreneurship Patentability of Biotech inventions
- Patent application and IPR

### Eligibility for Participation

- Faculty members from the AICTE-QIP approved Institutions
- Others: Research fellows/ PhD Students/ Postdoc fellows/ Scientist/Industry personnel working in biotech or Life Sciences domain
- Minimum Qualification: Master’s Degree in Biotechnology/Lifesciences/Microbiology or any related area

### How to apply

- All candidates should apply online by clicking “APPLY for CE Events” under EVENTS section in the IIT Kharagpur web-portal www.iitkgp.ac.in or directly at “https://erp.iitkgp.ac.in/CEP/courses.htm”
- Click on How to Apply at the top the page.
- Follow the instructions given there for signing up and editing your profile.
- Scroll down to the course “Short Term course on Biotechnology and Intellectual Property Law”.
- Click on the “Apply Now” Button and follow the instruction page available at the How to Apply link.
- Payment if applicable is to be done ONLINE after getting short listed for the program.

### Selection

- Number of seats: 40 (Priority will be given to AICTE- faculties, limited seats for sponsored candidates)

### Course fee

- **For Faculty members from the AICTE-QIP approved Institutions**: Nil
- **For non-AICTE faculty and Industry person**: INR 8,000/- (Eight thousand) + GST @18% per participant,
- For outside Students: INR 5,000/- (Five thousand) + GST @18% per participant
- Participants from AICTE-QIP approved institutions will be reimbursed to and fro railway fare via shortest route (proof of journey / ticket needed) limited to maximum AC 3-tier from their institutes and free lodging and boarding in the Visveswaraya Guest House (VGH) during course period.
- For Sponsored candidates only lodging will be provided and they have to bear their own travelling and boarding expenses.
## Connectivity

Kharagpur is an important railway junction and is well connected to all parts of the country by rail service (SER). Numerous local & express trains are available from Howrah. The Institute is approximately 5 kms from the Kharagpur railway station. Rickshaws auto-rickshaws and taxis are available from the railway station.

## Important Dates

- Closing of online registration: 18th November, 2020
- Announcement of shortlisted candidates: 30th November, 2020
- Commencement of course: 14th December, 2020
- End of course: 19th December, 2020