



INTERNAL QUALITY ASSURANCE CELL (IQAC)
COLLEGE OF ENGINEERING ROORKEE (COER)
(Governed by Seth Roshan Lal Jain Trust)
7th KM on Roorkee – Haridwar Road
VardhmanPuram, Roorkee (Uttarakhand)

23 July 2020

ONLINE MEETING

PLATFORM USED: CISCO WEBEX

Minutes of the 7th meeting of the IQAC of College of Engineering Roorkee (COER), **scheduled using online mode to discuss the progress of online teaching and to draw strategic plan for the upcoming semester, as it was clear by now that the campus may not open for students in the coming semester.**

The meeting was an open meeting with the IQAC members and all senior faculty members of the Institution.

The coordinator IQAC welcomed all the members and thanked them for being present. He then welcomed session chair to address the members of IQAC to motivate them in this difficult and changing times. The session was open for discussion regarding challenges faced during last four months.

GENERAL:

The members of the IQAC discussed the challenges faced by faculty members during online lectures. One of the prevalent challenges was the network issues at several places.

Since the students were not familiar to most of the online platforms, it was difficult to connect with them. However, after all these challenges the report of syllabus completion was satisfactorily. The feedback received from students was also satisfactorily.

To improve the online conduct of the classes it has been decided to procure licensed online platform 'Microsoft Teams'.

Following major progress was enlisted herewith is reported to IQAC were:

1. Faculty Development Programs (FDP's)/ Webinars Conducted: 8 FDPs/webinars, as listed in table 1, were conducted till now. More FDPs/webinars/Short term training courses are planned in each department.

Dates	Title
24/4/2020	IPR: Research & Invention
5/6/2020	Climate change and Its mitigation
10/6/2020	National Webinar on Industrial IoT
16-06-2020 to 20-06-2020	Power Electronics Applications in Smart Grid Technologies- Recent Advances
10/7/2020	One Day Online FDP on STARTUP & ENTREPRENEURSHIP: OPPORTUNITIES & CHALLENGES
13/7/2020-17/7/2020	Cyber Security
15/7/2020	One day online seminar on Startups ; Incubation and Innovations
20-07-2020 to 24-07-2020	Faculty development program on Industry 4.0



COLLEGE OF ENGINEERING ROORKEE
Organizing a one day online workshop
on
"IPR: Research and Invention"

  INSTITUTION'S INNOVATION COUNCIL
(University of Roorkee)

Expert : Dr Gaurav Dwivedi, MANIT Bhopal
Topic : Optimization Techniques in Research
Time : 10 am-12 noon

Webex details:
Meeting Topic: Optimization Techniques webinar
Meeting number: 572034345
When: Friday, April 24, 2020, 10:00 AM (2 hrs) India Standard Time GMT+05:30
URL: <https://meetingsapa12.webex.com/meetingsapa12/j.php?MTID=sm18ec4ab49845ac21950a728167a63a11>

Expert : Dr Shweta Singh, Ennoble IP
Topic : Patents and Invention: Understanding Innovation and Importance & Benefits
Time : 1 pm to 3 pm

Webex details:
Meeting Topic: IPR webinar
Meeting number: 579018917
When: Friday, April 24, 2020, 1:00 PM (2 hrs) India Standard Time GMT+05:30
URL: <https://meetingsapa12.webex.com/meetingsapa12/j.php?MTID=sm1cedfc0db845e483cedac609221f007e>

Coordinators
Dr Siddharth Jain
Dr Swati Yadav

2. PLACEMENT/COMPETITIVE EXAMS

a. To make students ready for placements and competitive exams a course on Quantitative Aptitude and Reasoning is introduced into the scheduled time table of 3rd and 4th year of all courses.

3. MOOC/Online certification course

As an encouragement to do online/certification course 78 faculty members and 14 students have completed self-study online courses offered by NPTEL and Coursera from September 2019 onwards.

 UNIVERSITY OF MICHIGAN

08/09/2020

Isha Bhardwaj

has successfully completed

Python Basics

an online non-credit course authorized by University of Michigan and offered through Coursera


Paul Resnick
Stephen Oney
Jaclyn Cohen

COURSE CERTIFICATE



Verify at coursera.org/verify/UNLMGQB5X3S6
Coursera has confirmed the identity of this individual and their participation in the course.



4. Procurement of Microsoft Teams for effective online teaching

5. Online winter internships was conducted in all departments

6. Some other initiatives as listed hereunder were taken during the lockdown period to ensure both quality and effectiveness in the teaching learning process:

- Online library
- Bridge courses
- IPR workshop for students and faculty both
- COVID-19 Awareness video shoot (students and higher authorities)
- Student profiling committee
- Revised faculty appraisal form
- Faculty appraisal and promotions
- Revised rubrics for online feedback
- Startup for mask making (COE)
- Revision of SOP and guidelines for students/faculty
- Completion of MOOC courses (78 faculty members and 14 students)
- Encouragement Patents published
- Atal ranking
- Participation in Data Capturing System for National Institute Ranking Framework
- Orientation Programme for First Year students by respective departments
- MoU under AICTE paramarsh scheme
- International conference on computational research and data analytics (Indo Turkey)
- Virtual alumni meet
- Research promoting committee formation
- The meeting ended with thanks to the chair.

The meeting ended with thanks to the chair.

Dr. B M Singh
Coordinator IQAC

Prof. S. P. Gupta
Director General