



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)

9 December 2019

Minutes of the 5th meeting of the IQAC of College of Engineering Roorkee (COER) held on 9-12-2019 at noon in the Conference Hall Admin block. Following attended the meeting:

SN	NAME	DESIGNATION
1.	Prof S P Gupta	Director-General and Head of the Institution
2.	Dr. B M Singh	Dean Academics and IQAC Coordinator
3.	Dr. Mridula Singh	NAAC Coordinator
4.	Dr. Gunjan Agarwal	Head, Mechanical Engineering Department
5.	Dr. Himanshu Chauhan	Head, Computer Science and Engineering Department
6.	Dr. Devendra Kumar	Head, Information Technology Department
7.	Ms. Anuradha	Head, Electrical and Electronics Department
8.	Dr. Prabhat Kumar	Head, Department of Civil Engineering
9.	Mr. B D Patel	Head, Electronics and Telecommunication Department
10.	Mr. Virendra	Head, Plastic & Polymer Engineering Department
11.	Dr. Kamal Kapoor	Head, Physics Department and Controller of Examination, COER
12.	Dr. Rashmi Gupta	Head, Humanities Department
13.	Mr. Ajay Sharma	Deputy Registrar & Placement In-charge
14.	Dr. Siddhartha Jain	Associate professor & Co-ordinator Research

The coordinator IQAC welcomed all the members and thanked them for their gracious presence in the meeting. He then continued to proceed with the Agenda with a PowerPoint presentation covering all items of the agenda as summarized below:

GENERAL:

The minutes of the fourth meeting of IQAC was confirmed.

ITEM 1:

The revised composition of IQAC was proposed to include the alumni and students into the administration related decisions following are the newly composed IQAC

Prof S P Gupta (Director General)	Chairperson
Dr. B M Singh	Coordinator, IQAC
Dr Mridula	Co-coordinator, IQAC
Administrative Officers	
Mr Ajay Sharma	Deputy Registrar (ADM)
Dr D V Gupta	Dean (BSH)
Dr V K Singh	Dean (SW)
Management Member	
Mr Shriyance Jain	Trustee, Seth Roshan Lal Jain Trust
External Experts	



Dr D Ghosh	Professor IIT Roorkee
Senior faculty Members	
Dr Prabhat Kumar	HoD, Civil Engg.
Dr Gunjan Agarwal	HoD, ME
Dr Kamal Kapoor	HoD, Physics
Mr B D Patel	HoD, ET
Dr Himanshu Chauhan	HoD, CSE
Dr Devendra Kumar	HoD, IT
Ms Anuradha	HoD, EN
Dr Nirvikar	Associate Professor, CSE
Dr Siddhartha Jain	Associate Professor, Research cell head
Mr Hemant Katiyar	Chief Librarian
Mr. A K Dikshit	Finance Incharge
Industrial Nominee	
Mr Shriyance Jain	DIRECTOR, Texplas Pvt Ltd
Local Society Nominee	
Mr Gaurav Goel	Mayor, Roorkee
Alumni Nominee	
Dr Sugam Sharma	Alumni, Iowa State University, USA, Editor in Chief, Inderscience Journal
Student Members	
Divya Dwivedi	CS 2nd year
Pakhi Chakraborty	EN 2nd year
Uddeshya	ME 3rd year

ITEM 2: ACCREDITATION BY NAAC

Coordinator NAAC Steering Committee, Dr. Mridula, informed the members of IQAC about the submission of Self Study Report (SSR) on 6th September 2019 and completion of Data Verification and Validation (DVV) process of NAAC. The Department heads were informed about the tentative NAAC PEER team visit. The session chair extended his best wishes for the next step of NAAC Accreditation.

Under the 'Paramarsh' Scheme of UGC for Mentoring NAAC Accreditation Aspirant Institutions to promote Quality Assurance in Higher Education, the Dayalbagh Educational Institute (DEI) Agra is assigned as mentor institute of College of Engineering Roorkee.

Mr. Shriyance Jain (Managing Director), Dr S P Gupta (Director General), Dr. Brij Mohan Singh (Dean Academics and IQAC coordinator) Mr. Ashutosh Kaushik (Associate Professor) visited Kuban State Agrarian University (KubSAU), Krasnodar, Russia. A Memorandum of Understanding (MoU) is signed between COER and KubSAU for academic collaboration on 27th May 2019.

ITEM 3:



RESEARCH GRANTS

In continuation to ITEM 2 of 4th IQAC minutes five more research projects making it a total of ten (10) were granted to College of Engineering Roorkee as listed in Table 1

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co- investigator	Year of Award	Amount Sanctioned (Rs)	Duration of the project	Name of the Funding Agency
Robust sign recognition for hearing impaired in low resolution, variable lightening and variable background condition	Dr. B.M. Singh	2019	3,00,000	1 year	TEQIP-3
Interlocking plastic pavement block	Dr. Mridula	2019	2,00,000	1 year	TEQIP-3
Multi parabolic fate plate collector for space heating in Himalayan region	Dr. Nitesh	2019	2,20,000	1 year	TEQIP-3
Designing and implementation of MIMO antenna for improved connectivity in Uttarakhand	Dr. Swati Yadav	2019	90,000	1 year	TEQIP-3
Combustion, Performance and Emission Analysis of Pine oil-based Biodiesel Fueled DI Diesel Engine	Dr. Rajesh Kumar	2019	3,00,000	1 year	TEQIP-3

ITEM 4:

INTERNATIONAL COLLABORATION

As listed in ITEM2 of 4th IQAC meeting, COER have entered in to a Memorandum of Understanding with a major Russian University Kuban State Agrarian University (KubSAU), Krasnodar, Russia on May 27, 2019. Two Professors, Dr. Nicholai Kurchenko and Dr. Iakovlchenko of KubSAU visited COER for one month in October 2019 for academic interaction.



ITEM 5:

INTERNATIONAL CONFERENCE

An International Conference on Artificial Intelligence and Applications (COER-ICAIA-2019) was held at COER on Nov. 20-21, 2019. Professor Gopal Gupta from the University of Texas at Dallas; Professor Kalyanmoy Deb and Professor Erik Goodman from Michigan State University gave Keynote addresses. Eminent Professors from IIT Kanpur, IIT Roorkee, ONGC gave Plenary talks. The panel recommended introducing a compulsory subject on Machine Learning and Deep Learning be introduced in the curriculum of the first year of all Engineering programs.



ITEM 6

RESEARCH

It has been discussed in the meeting that COER will publish its research newsletter biannually. Dr. Siddhartha Jain was assigned as the editor of the research newsletter and the coordinator to compile the first draft for discussion.



ITEM 7: FOUNDATION DAY

COER celebrated its 22nd Foundation Day on 3rd December 2019. Shri Trivendra Singh Rawat, Chief Minister, Uttarakhand graced the occasion with his presence. Three Alumni who excelled in their professions were felicitated.

COER is the first institution in Uttarakhand to sign a MoU and start a Centre for Space Research and Technology in collaboration, with Space Development Nexus, New Delhi on 3rd December 2019



ITEM 8 Honors and Awards

COER received Best Engineering College -2019 in 2nd Divya Himgiri State Level Education Excellence Awards Uttarakhand on 10 November 2019 at Dehradun. COER received the National Leadership Award 2019 as Best Technical College in Uttarakhand on 17 November 2019 at Kolkata.

Prof. S. P Gupta, Director General, was conferred the SSI Lifetime Achievement Award by the Systems Society of India for lifelong contributions to the systems movement at IIT Roorkee on 6th December 2019.



The meeting ended with thanks to the chair.

Dr. B M Singh
Coordinator IQAC

Prof. S. P. Gupta
Director General