

**COLLEGE OF ENGINEERING ROORKEE (COER)
(Governed by Seth Roshan Lal Jain Trust)**

7th KM on Roorkee – Haridwar Road
Vardhman Puram
Roorkee (Uttarakhand)

October 21, 2019

Minutes of the meeting of the BOG of College of Engineering Roorkee (COER) held on 28th September, 2019 at 11.30 AM in the Board Room of COER School of Management

Following attended the meeting:

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| 1. Er. JC Jain, Chairman, Seth Roshan Lal Jain Trust | Chairman |
| 2. Mrs. Sunita Jain, Vice Chairperson, Seth Roshan Lal Jain Trust | Member |
| 3. Mr. Shriyance Jain, Managing Director,
Texplas Group of Industries | Member |
| 4. Mrs. Charu Jain, Trustee, Seth Roshan Lal Jain Trust | Special Invitee |
| 5. Professor SP Gupta, Director General, COER | Member Secretary |
| 6. Dr. Anita Rawat, Registrar, Uttarakhand Technical University | Member |
| 7. Professor D. Ghosh, Head, E & CE Department, IIT Roorkee | Member |
| 8. Professor RP Saini, Alternate Hydro Energy Centre, IIT Roorkee | Member |
| 9. Maj. Gen. Dr. OP Soni, Director General,
COER School of Management | Member |
| 10. Dr. BM Singh, Dean Academics, COER | Member |
| 11. Mr. Dhaneshwar Kumar, Assistant Professor, COER | Member |

Dr. Subhash Jain, Secretary, Seth Roshan Lal Jain Trust who is Member of the BOG, expressed his inability to attend the meeting due to other engagements. Nominations of two Members by the State Government are yet to be received.

Hon. Chairman welcomed all the members and thanked them for their gracious presence in the meeting of the BOG. He then asked the Member Secretary to proceed with the Agenda.

The Member Secretary made a power point presentation covering all items of the agenda as summarized below:

GENERAL :

- (i) It was informed that the BoG of COER has been constituted as per AICTE guidelines and has 13 members. Two members are to be nominated by State Government. The names of such Hon'ble members have not been received so far from the State Government, though request are regularly sent to Deputy Secretary, Technical Education, Uttarakhand Secretariat, Dehradun. The latest request was sent on Sept 02, 2019.

- (ii) COER Engineering Programs have been awarded ISO 9001-2015 accreditation vide Certificate No. 4497/QMS/0819 dated 31st Aug. 2019 valid until 30th Aug. 2022.
- (iii) A new 4-year program on B.Sc. (Agriculture) has been started at the COER School of Management from the current year 2019-20 with an intake of 60 under affiliation from Shri Dev Suman Uttarakhand University.

ITEM 1:

To Confirm the Minutes of the last meeting of BoG held on March 16, 2019. Minutes were circulated. No comments were received on the Minutes from Hon. Members. The minutes were confirmed.

ITEM 2:

To report Admission at COER and COER-SM in Current Academic Session 2019-20:

The details of admissions were presented and it was noted that

- (a) Admission in B.Tech Computer Science have been 100% and in B.Tech Information Technology 90%. However, in other engineering branches the admission have been low.
- (b) Admission in MBA, BBA, BCA, B.Com and B.Sc. Agriculture have been nearly 50% while they are low in MCA.

Members suggested to seek reduction in intake from AICTE in respect of those programs which are not attracting good admissions. At the same time new programs such as B.Tech in Artificial Intelligence be started to address the need of trained human resources in this important area of the prevailing industry standard - Industry 4.0.

ITEM 3:

To report Examination Results of ODD and EVEN semesters, 2018-19

A detailed analysis of examination results was presented for both engineering courses and those run at the COER School of Management. The total students who appeared in exams have been

- (i) In Engineering
 - Odd Semester : 1876
 - Even Semester : 1869
- (ii) In School of Management
 - Odd Semester : 381
 - Even Semester : 378

It is observed that about 5 to 10% students scored more than 80% marks, 60 to 70% students scored between 60 to 80% marks and 5 to 10% students scored less than 50% marks. It was also noted that for the Even Semester, the result of some classes had yet to be declared by the university.

ITEM 4:

To report placement of passing out batch of 2018-19

It was informed that extensive efforts have been made towards placement of final year students, through both on-campus and off-campus drives. As a result an aggregate of 85% placement was achieved. The Computer Science & Engineering, Electronics & Telecommunication, Information Technology and Mechanical Engineering branches recorded more than 90% placement. Highest package and lowest package offered were Rs. 39.1 lakhs per annum and Rs. 1.8 lakhs per annum, respectively, the average being Rs. 2.4 lakhs per annum.

ITEM 5:

A report on research achievements of faculty members was presented. Following is the summary of research achievement in last six months:

- i) 05 papers have been published in peer reviewed journals and 01 has been presented in conference
- ii) 01 Book chapter has been published
- iii) 10 research projects have been awarded to faculty members from TEQIP-III Grants by the Uttarakhand Technical University
- iv) 03 research projects have been provided with seed grants by COER management
- v) Two patents have been published.

Hon'ble members applauded the achievements of the faculty members.

ITEM 6:

A report on important events that took place after the last meeting of BoG held on March 16, 2019 was presented, as summarized below:

- **Parents Day**

A practice of inviting parents of the students was initiated in the last semester. This was scheduled two times soon after each of the two mid-term test series on March 25 and May 4, 2019 and the days were called Parents day – I and Parents Day – II. 142 Parents visited on Parents Day – I while 96 visited on Parents Day – II. These meetings provided an opportunity for an interface between parents, their wards and teachers to share the progress of the wards in class tests, their attendance in classes etc, and were much appreciated by the parents.

- **Cultural Event ZION**

The Cultural Committee of COER strives to celebrate the cultural diversity on campus by organizing various events and festivals. This event was scheduled from 10th April, 2019 to 13th April, 2019 with following activities D-Vibez, Rockedence, Accoustica, Director's Cut, Bucklolz, Milaan Street, Canvas, Cinemagic. The main attraction of this year was India famous 'Parashara Band'. Famous DJ 'Mix Minister' performed on the final day, mesmerises the audience completely. The committee seeks to create a platform that provides the students with an opportunity to display creative talents in a variety of ways.

- **Degree Distribution Ceremony**

The 14th Degree Distribution Ceremony (Convocation) was organised on April 9, 2019. Hon'ble Governor of Uttarakhand Smt. Baby Rani Mourya was the Chief Guest and Dr. Anita Rawat, Registrar, Uttarakhand Technical University graced the occasion as Guest of Honour. For the first time at COER, the degree recipients robe was changed to align with Indian culture, Kurta for boys and Saree for girls. A total of 721 degrees were distributed individually to all degree recipients and awards were given to meritorious graduates by the Chief Guest.

- **Collaboration with Russian University**

As a major initiative of Hon'ble Chairman Er. J.C. Jain, an MoU for academic collaboration was signed between COER and Kuban State Agrarian University (KubSAU), Russia on May 27, 2019. A delegation led by Shri Shriyance Jain, M.D., Texplas Group of Industries and Trustee COER with Prof. S.P. Gupta, Director General, Dr. B.M. Singh, Dean Academics and Dr. Asutosh Kaushik, Assistant Professor as members visited Russia for this purpose. Further, an agreement has also been signed by the two institutions for inviting two faculty members from KubSAU to COER in October 2019 for academic enrichment.

- **Visit of Vice-Chancellor to COER**

The Hon'ble Vice Chancellor of Uttarakhand Technical University Professor Narendra S. Chaudhary visited COER on July 8, 2019 as Chief Guest for inaugurating a 6 – days training program on "Advanced Industrial Automation" conducted under the aegis of TEQIP, Uttarakhand Technical University. This was his first visit. He was welcomed by Hon'ble Chairman of COER. Professor Chaudhary was appreciative of the contribution being made by COER in higher education.

- **Solar Ambassador Program**

Professor Chetan Singh Solanki of IIT Bombay, known as 'Solar Man' visited COER on July 20, 2019 and gave a talk to faculty and students on his cherished mission "Solar Ambassador Program". He explained the need for Applying Gandhian principles for energy sustainability and mitigating climate change. He informed that the idea of Energy Swaraj can be conceptualized and in order to propagate the idea, Gandhi Global Solar Yatra is planned not only in India but across the Globe.

- **COER has applied for accreditation**

The College has taken an initiative in the direction of accreditation by applying to National Assessment and Accreditation Council (NAAC) on July 23, 2019. A Self Study Report (SSR) has also been duly submitted by the College to NAAC on September 6, 2019.

- **Orientation of New Students**

On the opening of the academic session 2019-20, an Orientation Program was organized on August 6, 2019 to introduce the new students with the college authorities and to familiarize them with significance of academics, examination, hostel living, code of conduct, library, Centres of Excellence, etc. The Hon'ble Chairman Er. J.C. Jain and Shri Shriyance Jain addressed the new students.

- **Induction Program for New Students**

A two week long "Induction Program" was organized for the new students on August 7-23, 2019 to familiarize them with facilities in college, learning through invited lectures from eminent persons and Alumni, engaging them in creative activities of art and culture, training them on physical fitness and entertaining them through feature films, etc. Eminent Professors from IIT Roorkee inspired the new students with their talks. About 16 Alumni who have distinguished themselves in their professional lives addressed the new students. They come from diverse fields as Scientists, Corporate leaders, Civil Services, Armed forces and Entrepreneurs.

- **Inauguration of NPTEL COER Chapter**

A major facility of online certification courses was inaugurated by the Hon'ble Chairman Er. J.C. Jain, in Central Library on September 05, 2019. More than 1400 online courses of NPTEL are available in the form of recorded videos which the faculty and student can use to upgrade their knowledge at their own pace, free of cost.

- **Football Tournament**

An Inter – college football tournament "4th Seth Roshan Lal Memorial Tournament" was organized on September 9-11, 2019. A total of six teams participated. The trophy was won by the team of Roorkee Institute of Technology.

- **Uttarakhand Startup Boot Camps-2019**

COER was identified to host a startup boot camp on September 16-17, 2019 which was organized by IIT Roorkee. A large number of students enthusiastically participated and the Ideas of five students of COER were shortlisted for the next stage.

VIEWS OF HON'BLE MEMBERS :

Hon'ble member appreciated efforts made at COER and COER-SM to achieve excellence in teaching and research. They also made suggestions as listed below:

- (i) Professor RP Saini suggested that in view of significant role of renewable energy in present times, special courses may be developed in this area. This may also enhance admission of students. Possibility of renaming the B.Tech course on 'Plastic and Polymer Engineering' which is attracting low admissions as 'Chemical Engineering' which more broad based may be explored. He appreciated the research achievements of the faculty members and suggested that they should be further intensified.
- (ii) Mr. Shriyance Jain opined that there should be a provision form expert for industry to be involved in curriculum delivery, to some extent. This is likely to improve industry readiness of graduating students. There is a need to update the course curriculum as well.
- (iii) Mrs. Charu Jain laid emphasis on internship of students to be treated as an opportunity for in-depth understanding of industrial practices and should be handled by the Institute more professionally. She also suggested that incentives should be given to faculty members and staff for special achievements.
- (iv) Professor D. Ghosh suggested that intake in courses such as Computer Science & Engineering be increased to meet the increasing need of human resource in this area. He also suggested that COER should take advantage of training opportunity offered by IITs through Faculty Development courses under Electronics & Information Communication Technology (E&ICT) Academy.
- (v) Professor OP Soni suggested that Supply Chain Management be added as a specialization in MBA. Besides, a PG Diploma course on Industrial Safety Management may be started.
- (vi) Dr. B.M. Singh suggested starting of Project Based Learning (PBL) methodology to enhance student's technical, ethical, social, collaborative working, and team building skills. There should be project implementation in Laboratory classes by the each student. He suggested that every student must include innovations in his/her projects during implementation. He also suggested that placement preparation classes must be organized just after the 6th semester examinations and participation of students be made mandatory. He further opined that students should be motivated to participate in technical exhibitions and hackathons.

- (vii)** Mr. Dhanesh Kumar suggested that there should be a 6 month slot in B.Tech curriculum for industrial internship of students. With such internships the students will have a fair chance of placement in the industry of his/her internship. Dr. Anita Rawat opined that any proposal, such as this one, which requires approval of the University, should be sent to the University.
- (viii)** Hon'ble Chairman summed up the discussion with emphasis on industry readiness of graduating students by incorporating industrial inputs in theory and laboratory classes and by evolving new value added programs on changing needs of the industry. He thanked all hon'ble members again for attending the meeting.

The Meeting ended with a vote of thanks to the chair.

Dr. SP Gupta
Member Secretary