



SARAANSH

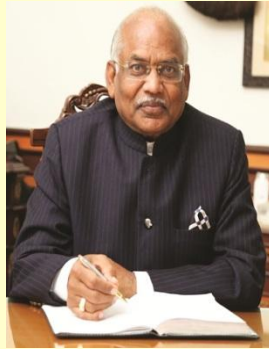


Message from the Editorial Desk

It is our legacy to take pleasure in our work with complete sincerity and dedication as we undertake to cater students' interests and creativity by providing them maximum motivation. It is our pleasure that COER Institutions of Higher Education is releasing Volume-17 Issue-1 of SARAANSH, our quarterly newsletter that encompasses the glimpse of all the activities and we fervently hope that SARAANSH may make you witness of all the aspects which are necessary for overall growth of our students. As today's students need employability skills to reach on crescendo of success, we through SARAANSH bring out the achievements and necessary credentials to make our students more confident according to the need of 21st century.

Message from Chairman

"The youth of today are the leaders of tomorrow." These words by Nelson Mandela perfectly describe our aim at College of Engineering Roorkee. Rather only focusing on the academics, our institution gives opportunity to students to exhibit their confidence, courage, action and we provides advanced education to the students to upgrade their soft skills with intellectual knowledge.



Our aim is to expose the students to the world of emerging technologies, empowering them with the confidence and enabling them to shine in their chosen fields.

Dear students, focus on your goal, as little progress each day adds up to big result. The institution will give full support to you and will become a pillar of your strength by providing value education. We invest our trust on you. As you are the nation builders. The knowledge and the skills that you gain will be your major contribution towards the nation.

Best wishes !
Er. J.c.jAIN

Message from Dean Research

Dear students,
"The only way to discover the limits of the possible is to go beyond them into the impossible." This is a famous quote said by Arthur Clarke. In order to discover what your limits are, you have to push a bit further than that. The only thing stopping you from reaching your goals and dreams are your limits, and this can ultimately lead to innovation.



College of Engineering Roorkee focuses on stimulating their student's interest towards research and innovation by conducting project-based learning which helps improving their strategic thinking and creative problem-solving.

As increasing student's motivation towards research will help to improve the services and treatments not only for them but also for future generations. So, it's the aim of College of Engineering Roorkee that a greater number of students take part in research and development. As there is a famous quote, "We cannot always build the future for our youth, but we can build our youth for the future."

Best wishes!
Dr Sidharth Jain

Republic Day celebration

दे सलामी इस तिरंगे को,
जिससे तेरी शान है,
सर हमेशा ऊंचा रखना इसका
जब तक तुझ में जान है।
गणतंत्र दिवस की हार्दिक शुभकामनाएं

On this day let us make a pledge to struggle for justice, freedom and equal rights for every citizen for peace and unity among all the citizens of this nation. Wish you a Happy Republic Day. Be proud that you are an Indian because blessed are those who are born in this great country.

On 26th January 2022 COER Institutions of Higher Education celebrated Republic Day. Dr. Brij Mohan Singh, Director of College of Engineering Roorkee unfurl the flag on this occasion. He advised the student for being regular in the class. He also shows gratitude towards all the faculty members for being cooperative in Covid 19 pandemic. All the teachers and students celebrated Republic Day with full of zeal and enthusiasm.

Committee News

Linguistic committee

From 30 March, 2022 to 1 April, 2022 Expressions' 2022 was organized by the Linguistic committee. Moot Court, Big Fight, Spell Bee, Flash Mob, Critic Movie Review were some of the events. Dr. Rashmi Gupta, HOD Humanities was the coordinator of the program.

Oorja - The Culture Committee

On 10 March, 2022 Oorja the Cultural Committee of COER Institutions of Higher Education organized **Habib Tanvir's naya threatre Bhopal** performance which took place in Vardhaman Auditorium.

Spic Macay

On 11 March 2022 Spic Macay organized Kai Po Che event. The event took place in the cricket ground. Mrs Anuradha Singh HOD Electrical Engineering Department was the convener of the program

INTERNATIONAL WOMEN DAY

On 08 March, 2022 on the occasion of International Women Day, women day was celebrated under the guidance of Dr. Mridula Singh and Ms. Anuradha. The day emphasizes on women's rights and bring attention to several issues such as gender equality and abuse against women. Ms Minakshi Khati, Appan girl of Uttarakhand was the chief guest of the event, Mrs Gargi Garg, Mrs India (Queen of Substance) and Rashmi Chauhan principle of Angles' Academy were the guests of honor.

Sports Committee

- From 04 -06 January, 2022, Basketball Tournament was organized by COER Institutions of Higher Education. Yash Garg from B.Tech 2nd year won the Bronze Medal Mr. Ramesh Singh was the coordinator of this Khel Mahakumbh.
- On 02 March, 2022 Sports Department of COER Institutions of higher education organized Inter Branch Sports Tournament for the students. Mr. Ramesh Singh was the coordinator of the event. The event lasted for four days. Students from different branches participated with full enthusiasm.

Young Mind Speak

- Today is the time of dynamicity and to retain in this world each and every person has to be embarked with knowledge which will give you strength and opportunity. As the world is growing faster now-a -days so to move with the society only book study is not sufficient. In this frame all student should go with the real time activities and the new technologies and work on them from starting of their graduation study.



Kshitiz
Faculty CSE

For this framework, student are given opportunities to work on live projects, research projects and consultancy projects which are based on latest technology and linked with the industry directly. Every student should embark his/her capabilities according to interest of development and can access the concept of Earn while you learn that will lead to the actual scenario of MNC's and their work culture. From the first day of graduation if all mark their resolution to develop or to learn something which will benefit the world, there will be no need of fear of future.

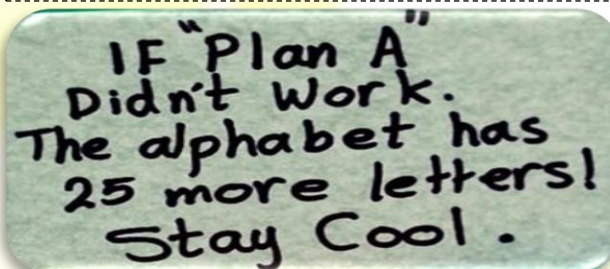
"Each and Every person mind is same just there is a need to choose a right path for success"

Placement News

S.NO.	Date	Name of Company	TOTAL
1	1.1.22	KP Reliable	20
2	4.1.22	Shree Cement Ltd.	7
3	11.1.22	Newgen Software	4
4	12.1.22	Gophers Lab Technology	1
5	13.1.22	Saraca Solutions	3
6	24.1.22	Intellipaath	18
7	25.1.22	Hexaware Technologies	11
8	1.2.22	AON	2
9	5.2.22	Ethos	1
10	5.2.22	uCertify	2
11	10.2.22	TalentiQo	16
12	11.2.22	Q-Spider	18
13	15.2.22	Shoperty	3
14	15.2.22	India Mart	5
15	17.2.22	Lido Quality Tutorials Pvt. Ltd.	1
16	18.2.22	Zegal Nepal Pvt. Ltd.	1
17	18.2.22	flip.ai	1
18	21.2.22	Vijay Electrical Pvt.	11
19	21.2.22	Practo Technologies	7
20	22.2.22	Triveni Almirah Pvt. Ltd.	1
21	22.2.22	Aloha Technology Pvt Ltd	2
22	22.2.22	Harman India Pvt. Ltd.	1
23	24.2.22	Capgemini	3
24	24.2.22	Mindtree	4
25	24.2.22	Snappymob Techytical Ptd. Ltd.	1
26	25.2.22	Ineuron Intelligence Pvt. Ltd.	1
27	28.2.22	TechEra	22
28	28.2.22	IGT Solution	10
29	28.2.22	Pearl Water Technologies Pvt. Ltd.	4
30	2.3.22	Surin Automotive Pvt. Ltd.	1
31	3.3.22	Contentra	1
32	3.3.22	Nagrrro	1
33	3.3.22	C P Kukreja Architects	1
34	4.3.22	E-Ashwa Automotive	1
35	7.3.22	ViVo Mobile	1
36	7.3.22	Altimetrik	10
37	7.3.22	Skolar	10
38	8.3.22	Byju's Think & Learn Pvt. Ltd.	1
39	14.3.22	Innominds	1
40	12.3.22	Dendrite INC	1
41	22.3.22	Wishfin	2
42	22.3.22	Gold Plus	7
43	22.3.22	SMC Investments	2
44	22.3.22	Cloudologic	2
45	22.3.22	DIGI-K LABS	2
46	23.3.22	Mindtree	1
47	31.3.22	Triazine Software Pvt. Ltd.	1
48	31.3.22	Higher Education	3

Holi Milan

Holi a festival of colour has been celebrated at COER.on 16th march 2022 with full energy. Students and teachers celebrated it with zeal and enthusiasm. Chairman of COER institutions of Higher Education wished Holi to everyone.



LECTURES

- On 02 March, 2022 IPR Cell organized an online extension lecture on process of Innovation Development. Dr. Sagar Gulati and Mr. Govind Rai Goyal were the coordinators of the event.
- On 23 March, 2022 a special class on Data Analysis and Data Representation was organized for the Computer Science Departments students. Ms. Shilpa Sharma, Ms. Swati Arya and Mr. Anurag Agarwal were the coordinators of the event.
- On 24 March, 2022 an online guest lecture was organized on the topic Robotics and Industrial AI under the guidance of Dr. Siddharth Jain. This program helped to encourage innovative and critical thinking among students.



Life is the most difficult exam.

Many people fail because they try to copy others, not realizing that everyone has a different question paper.

ACTIVITIES@COER

- On 1st of January 2022, Mechanical Department had organized an awareness program on the occasion of New Year Day. All the students and faculty members have participated with full energy in this program. Mechanical Head of Department and Senior faculty were also present in the program. The objective of this program was to spread awareness among people about saving our environment from pollution and to motivate people to plant more and more trees to make our mother earth full of greenery. Program was started at 10:00 AM with noiseless and pollution free trip of Electric Car from Mechanical Engineering Department to Sport stadium. All the students were given one sapling by the college sports department, which was to be planted all around the campus. After the start of the program, all the students started planting their saplings, as well as all the faculties also helped the students in planting. Thirty trees of different varieties like Neem, Kachnar, Teak, Deodar; etc were planted at appropriate location.
- On 2 January, 2022 Electronics Department organized a seminar on **Telecommunication System in Avionics** Mr. N.K. Agarwal was the coordinator of this event.
- On 11 January, 2022 Computer Science Department organized an **Extension lecture on Introduction to IPR UCOST Dehradun**. Sagar Gulati Dean Computer Science and Mr. Govind Rai Goyal Assistant Professor Electrical Department were the coordinators of this event.
- On the occasion of **Azadi ka Amrit Mahotsav** on 24th January 2022 an **online Essay writing competition** was organized by English Department and Ms. Nidhi Jindal was the coordinator of the event.
- On 24 January, 2022 on the occasion of **Azadi ka Amrit Mahostav**, English Department organized an online **“Quiz competition”** for the students. Dr Renu Rani was the coordinator of the event
- On February, 2022 Do it yourself cell organized one activity of **clothes Derative in mif**. Mr. Vishal Chauhan was the coordinator of the event.
- On 3 February, 2022 online interaction with institutions from Inspirational Volunteer Program of Ministry of Education (MOE) was done and the theme was **Vidhyanjali Higher Education Volunteer Program (MOE)**. This event was coordinated by Mr. Sandeep Singh.
- On 6 February, 2022 COER Institutions of Higher Education organized **Annual Global tourism Summit**. Dr. Sagar Gulati was the coordinator of the event.
- On 9 February, 2022 COER Institutions of Higher Education organized a **Smart India Hackathon 2022: what’s new**. Dr. Abhay Jere was the resource person of this Hackathon.
- On 18 February 2022, an internship program on **Basic Remote Sensing and GIS Software Training** was organized. Mr. Aradhya Aggarwal and Ms. Mansi Chauhan were the coordinators of this training.
- On 21 February 2022, one-day training on **Machine Learning Hands on with Python** was organized. MS. Sonam Dubey was the coordinator of the event.
- On 25 February, 2022 Department of CSE and IT in association with IPR cell COER Institutions of Higher Education organized an expert talk on **Design thinking** by Mr. Niket Karajagi and Mr. B.D. Patel was the coordinator of the event.
- On 26 February, 2022 a brainstorming session on **Bloome’s Texonomy** was organized. Dr. Taresh Singh was the coordinator of the event. Mr Amit Pal was the resource person.
- On 28 February, 2022 a one-day fest on **National Science Day** was organized and Mr. Mayank Dev was the coordinator of the event.
- On 03 March, 2022 on the occasion of World Wildlife Day an online quiz competition was organized under the guidance of Mr. Govind Rai Goyal and Dr. Sagar Gulati. Certificates were given to all participants.
- ON 28 March, 2022 to 29 March, 2022 COER Hackathon was organized. Mr. Maneesh Pant and Mr. Shobhit Prajapati were the coordinators of the event.

Workshop

- On 13 January, 2022 Electrical & Electronics Department organized one day workshop on **Art of Writing Project Report**. Dr Nitesh Dutt Assistant Professor College of Engineering Roorkee was the resource person.
- On 15 January, 2022 Civil Engineering department organized workshop on Building Design with COVID Pandemic Safety Features. Mr. Prasant Kumar was the coordinator of this workshop.
- On 16 February, 2022 a five days' workshop on Cyber Security with Ethical Hacking was organized. The event lasted till 21 February 2022. Dr. Prabhat Kumar Head Civil Department was the coordinator of the event and certificates were provided to all the students.
- A workshop was held on 2nd of March 2022 in COER institution. It was Organized by Mechanical Engineering Department including faculties Mr. Varun Pratap Siingh, Dr. Siddharth Jain , and Dr. Gunjan Agarwal. Mr. Varun Pratap Singh delivered online lecture on "Application of automation in mechanical engineering" from 3:00 PM-4:00 PM. Dr. Siddharth Jain delivered lecture on "Recent trends in biodiesel production " from 3:00 PM-4:00 PM. Mr. Ravi Prakash delivered online lecture on "Fuel supply system in IC Engine" from 3:00 PM - 4:00 PM.
- On 31 March, 2022 one day workshop on **IPR (UCOST) Uttarakhand State Council for Science and Technology** was organized. Mr. Nitin Chand and Dr. Rohit Kanauzia were the coordinators of the event.
- On 30 March, 2022 a one-day workshop on **IOT using Arduino** was organized. Mr. Vishal Chauhan was the coordinator of the event.

FDP

- A faculty development programme was organized by the Department of Mechanical Engineering; COER Roorkee for the faculty of Mechanical for their knowledge enhancement about the IOT (Internet of Things), the lecture was delivered by "simplilearn team" in online mode from 21 to 30, March, 2022. They explained the about the Commercial application of internet linkage of many devices.

Research /Conference/Seminar Attended and Paper presentation

- Dr. Siddharth jain, HOD of Mechanical Engineering Department, College of Engineering Roorkee (COER) published Journal paper in the field of Sustainable transport called "Potential and Challenges of Using Biodiesel in a Compression Ignition Engine", on 1st January 2022.
- Mr. Varun pratap singh and Dr. siddharth Jain collaboratively published a Journal paper in the field of heat transfer called Experimental Heat Transfer, Taylor, on 3rd January 2022,
- Dr. Siddharth jain, HOD of Mechanical Engineering Department, College of Engineering Roorkee (COER) published his Journal paper in the field of Environment, Development and Sustainability called "Impact analysis of biodiesel production parameters for different catalyst", on 6th January 2022,
- Dr. Siddharth jain, HOD of Mechanical Engineering Department, College of Engineering Roorkee (COER) published his Journal paper on "A review on bio energy and bio fuel production", on 6th January 2022,
- On 30th January 2022, Mr. Varun pratap singh and Dr. Siddharth jain collaboratively published a Journal paper in the field of "Energy Sources, Part A: Recovery, Utilization, and Environmental Effects."



webinar

- On 21 February, 2022 COER Institutions of Higher Education, an organized webinar on Education and Skills Sector.

Seminar

- On 8 February, 2022 COER institutions of Higher Education organized one day seminar on **Artificial Intelligence**. Dr. Sagar Gulati Dean Computing was the coordinator of the event.

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