



# ANNUAL REPORT 2022 - 23



## COER UNIVERSITY, ROORKEE

Post Box 27, 7th KM on Roorkee Haridwar Road, Vardhmanpuram, Roorkee 247 667  
(Uttarakhand) INDIA

## Preface

The COER University, Roorkee is at the forefront of heralding a new era of private higher education in Uttarakhand. Founded in 2021, it distinguishes itself from other universities by having a vision of becoming a **Center of Excellence** comparable to International Standards and setting a new benchmark in higher and professional education.

It has constantly been striving towards the attainment of its objective. In a short period, the university has signed MoUs with reputed universities in the USA, Canada, Russia, and Ethiopia. Vital MoUs have also been signed with the Industry & Research Organizations in the country.

The presence of a highly distinguished board of eminent educationists and experienced faculty members has ensured that the teaching and research undertaken at the university are of high value and meet industry expectations. Faculty members constantly engage in research work that is published in reputed journals. The university is in its phenomenal growth trajectory and continues to invest significantly in research, infrastructure, technology, and staff to deliver on its vision.

The University of Engineering and Technology (COER UNIVERSITY, ROORKEE) was established by the Uttarakhand State Government Act No. 55/XXXVI(3)/2021/11(1)/2020 dated February 15, 2021 of the State Legislature as a State Private University and was included in the list of Universities established as per Section 2(f) by the UGC and empowered to award Degrees under Section 22 of the UGC Act, 1956.

The Annual Report 2022 - 23 provides highlights of the various activities undertaken at the university in the past year. COER UNIVERSITY, ROORKEE has been ranked among the top emerging universities in the country.

We thank our Hon'ble Chancellor Er. J. C. Jain, Pro-Chancellor Shri Shriyance Jain, Executive Director Ms. Charu Jain, Vice-Chancellor Prof. Satya Pal Gupta and Pro-Vice-Chancellor Prof. S. P. Pandey, Group Director Prof. (Dr.) Brij Mohan Singh for their constant support and encouragement in bringing out this report. We are thankful to the Deans and Heads of the Departments for providing the information included in this report.

# University Name Amendment Notification

क्रम संख्या-53

पंजीकरण संख्या-UA/DO/DDN/30/2021-2023



## सरकारी गजट, उत्तराखण्ड

उत्तराखण्ड सरकार द्वारा प्रकाशित

### असाधारण

विधायी परिशिष्ट  
भाग-1, खण्ड (क)  
(उत्तराखण्ड अधिनियम)

देहरादून, मंगलवार, 02 मई, 2023 ई0  
वैशाख 12, 1945 शक सम्वत्

उत्तराखण्ड शासन  
विधायी एवं संसदीय कार्य विभाग

संख्या 173/XXXVI(3)/2023/11(1)/2023  
देहरादून, 02 मई, 2023

अधिसूचना

विविध

“भारत का संविधान” के अनुच्छेद 200 के अधीन मा0 राज्यपाल ने उत्तराखण्ड विधान सभा द्वारा पारित ‘यूनिवर्सिटी ऑफ इंजीनियरिंग एण्ड टेक्नोलोजी रूड़की (संशोधन) विधेयक, 2023’ पर दिनांक 28 अप्रैल, 2023 को अनुमति प्रदान की और वह उत्तराखण्ड राज्य का अधिनियम संख्या: 14, वर्ष- 2023 के रूप में सर्व-साधारण के सूचनार्थ इस अधिसूचना द्वारा प्रकाशित किया जाता है।

यूनिवर्सिटी ऑफ इंजीनियरिंग एण्ड टैक्नोलोजी रूढ़की  
(संशोधन) अधिनियम, 2023  
(उत्तराखण्ड अधिनियम संख्या 14, वर्ष 2023)

यूनिवर्सिटी ऑफ इंजीनियरिंग एण्ड टैक्नोलोजी रूढ़की अधिनियम, 2020  
में अग्रेत्तर संशोधन करने के लिए

अधिनियम

भारत गणराज्य के चौहत्तरवें वर्ष में उत्तराखण्ड राज्य विधानसभा द्वारा निम्नलिखित रूप से यह अधिनियमित हो:-

- |                            |   |
|----------------------------|---|
| संक्षिप्त नाम एवं प्रारम्भ | 1. (1) इस अधिनियम का संक्षिप्त नाम यूनिवर्सिटी ऑफ इंजीनियरिंग एण्ड टैक्नोलोजी रूढ़की (संशोधन) अधिनियम, 2023 है।<br><br>(2) यह तुरन्त प्रवृत्त होगा।   |
| अधिनियम में संशोधन         | 2. यूनिवर्सिटी ऑफ इंजीनियरिंग एण्ड टैक्नोलोजी रूढ़की अधिनियम, 2020 (जिसे इसमें इसके पश्चात् मूल अधिनियम कहा गया है) में "यूनिवर्सिटी ऑफ इंजीनियरिंग एण्ड टैक्नोलोजी रूढ़की" शब्दों के स्थान पर, जहाँ जहाँ वे आते हैं, "कोर यूनिवर्सिटी" शब्द रख दिये जायेंगे। |
| व्यावृत्ति                 | 3. ऐसे संशोधन के होते हुए भी मूल अधिनियम के अधीन की गई कोई बात या कार्रवाई इस अधिनियम के तत्स्थानी उपबन्धों के अधीन की गयी समझी जायेगी।   |

आज्ञा से,

शहन्शाह मुहम्मद दिलबर दानिश,  
सचिव।

### उद्देश्य और कारण का कथन

विश्वविद्यालय की प्रायोजक न्यास सेठ रोशन लाल जैन ट्रस्ट के पास कोर नाम से शिक्षण संस्थान संचालित किये जाने का इतिहास व अधिकार होने एवं कोर नाम की विरासत को आगे बढ़ाये जाने के दृष्टिगत यूनिवर्सिटी ऑफ इंजीनियरिंग एण्ड टेक्नोलोजी रुड़की के नाम में संशोधन किया जाना समीचीन है।

2- प्रस्तावित विधेयक उपर्युक्त उद्देश्य की पूर्ति करता है।

(डा० धन सिंह रावत)  
मंत्री

No. 173/XXXVI(3)/2023/11(1)/2023

Dated Dehradun, May 02, 2023NOTIFICATIONMiscellaneous

In pursuance of the provisions of Clause (3) of Article 348 of the Constitution of India, the Governor is pleased to order the publication of the following English translation of 'The University of Engineering and Technology Roorkee (Amendment) Act, 2023' (Act No. 14 of 2023).

As passed by the Uttarakhand Legislative Assembly and assented to by the Governor on 28<sup>th</sup> April, 2023.

THE UNIVERSITY OF ENGINEERING AND TECHNOLOGY  
ROORKEE (AMENDMENT) ACT, 2023  
(Uttarakhand Act No. 14 Of 2023)

AN

ACT

further to amend in the University of Engineering and Technology Roorkee Act, 2020,

Be it enacted by the Uttarakhand State Legislative Assembly in the Seventy-Four Year of the Republic of India as follows:-

- |                              |   |
|------------------------------|---|
| Short title and Commencement | 1. (1) This Act may be called the University of Engineering and Technology Roorkee (Amendment) Act, 2023.<br>(2) It shall come into force at once.  |
| Amendment in the Act         | 2. In the University of Engineering and Technology Roorkee Act, 2020, (hereinafter referred to as principal Act) for the words "University of Engineering and Technology Roorkee" wherever they occurs the words, "COER University" shall be substituted. |
| Saving                       | 3. Notwithstanding such amendment anything done or any action taken under the principal Act shall be deemed to have been done or taken under the corresponding provisions of this Act.  |

By Order,

SHAHANSHAH MUHAMMAD DILBER DANISH,  
Secretary.

## Statement of Objectives and Reasons

In view of, the University's sponsoring Trust Seth Roshan Lal Jain Trust, has the history and right to run an educational institution under the name of Coer and to carry forward the legacy of Coer; it is expedient to amend the name of the University of Engineering and Technology Roorkee.

2- The proposed Bill fulfills the above objectives.

(Dr. Dhan Singh Rawat)  
Minister

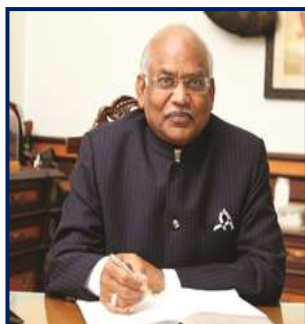
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## Message from the Hon'ble Chancellor

"We want the education by which character is formed, the strength of the mind is increased, the intellect is expanded, and by which one can stand on one's own feet"

**Swami Vivekanand**



At the COER University, Roorkee, one of our primary goal is to mould students into future influential leaders. Our purpose is to serve society by delivering high-quality education, utilizing cutting-edge instructional strategies, and fostering holistic development in our students so that they may contribute to the world by doing ethically sound business.

The sole objective of one's educational pursuits should not be to get degrees. It is to guide the brains of our younger generation, who are still quite impressionable, in the proper way. Our pupils will one day go on to become citizens of the world. They can lead our nation to unprecedented levels of prosperity and success. Our goal is to cultivate an atmosphere conducive to teaching and learning, thus, we will do all we can to achieve this. The course material is pertinent to the requirements of an ever-evolving world. Academic success, leadership, self-confidence, mutual respect, and a feeling of belonging to a global community are all fostered and inculcated due to this.

In the first year of the establishment of the University, the University signed various MoU's with National and International Universities for the exchange program of faculty and students. The Trust i.e. Seth Roshan Lal Jain Trust, sponsoring body of the University is known for its excellence and commitment to education, striving to achieve the milestone of being the best University in the country. The University has designed its curriculum as per the National Educational Policy 2020 (NEP 2020), incorporating all the suggestions.

I wish to thank the Vice-Chancellor, Officers, Deans and faculty members of the University who worked day and night to achieve a milestone in the very first year of inception.

"You do not need to be great to start, but you do need to start in order to be great."

**Er. J. C. Jain**  
Chancellor  
COER University, Roorkee

## Message from the Hon'ble Pro-Chancellor

**"Create opportunities and convert them into success"**



The COER University, Roorkee equips students with world-class skill education to enable access to aspirational jobs and inculcate entrepreneurial mindsets and entrepreneurship. It aims to create a win-win for the youth and the industry by filling the existing gap in skilled training.

The University strives to integrate the youth of hands, intellect and heart for healthy living and engagement in life-long learning based on the education philosophy of thinkers such as Mahatma Gandhi. The emphasis will be on instilling self-reliance long-term independence as well as wisdom for cultivating the valuing of interdependence.

The University wants to shift the present skilling paradigm by making skill acquisition aspirational and making the possibility of skilling, up-skilling and reskilling possibility available to everyone. COER UNIVERSITY, ROORKEE will also provide incubation and ongoing support to entrepreneurs, as well as quality coaching to help the students. The university will provide courses to people from all walks of life, with the goal of empowering underprivileged and minority groups by giving them with access to a world-class education. The University's goal is to create citizens who are well-informed and well-rounded.

**Shriyance Jain**  
Pro - Chancellor  
COER University, Roorkee

## Message from the Executive Director

**“We cannot always build the future for our youth, but we can build our youth for the future”**



At the COER University, Roorkee (COER UNIVERSITY, ROORKEE), we acknowledge the students, parents, teaching and non-teaching staff and society in general as our stake holders for their continuous support in taking this institution to greater heights. We never compromise on any part of our quality and our policy of providing technical education of international standards. A college education is the foundation for all future possibilities in the life of a student. Also, quality education is a passport to its steep rise in life and creates practical avenues to attain financial gains.

As the University administration, it is our responsibility and duty to provide our students the highest level of education in every field. It provides golden opportunities to lead a life of dignity and prosperity. To achieve this goal, several add-on courses, training in placements, personality development, communication skills, and other soft skills are provided by expert members. We create not the future instead; we craft you for the future. These are substantial challenges to great efforts but, always remember, great efforts bear the sweet fruit of success. We want you to taste the fruit of success once and for the rest of your life, you will never rest.

**Mrs. Charu Jain**  
Executive Director  
COER University, Roorkee

## Message from the Vice-Chancellor

“The future belongs to those who can imagine it, design it, and execute it. It isn’t something you await, but rather create.”

**HH Sheikh MBR Al Maktoum, Ruler of Modern Dubai**



The first Academic Year of the COER University, Roorkee (COER UNIVERSITY, ROORKEE) had been eventful with a number of achievements earned by the faculty members and students. The uncompromising academic standards and discipline and the astute mentoring by the Visionary Management is poised to script a new story of Academic Excellence as the University moves further in its journey.

In its very first year COER UNIVERSITY, ROORKEE has been ranked No. 1 University in the State of Uttarakhand, No. 1 in the North Zone (UP, Uttarakhand, Haryana, Rajasthan and Punjab) and No. 10 in India among top 50 emerging Universities by the Education Post under IIRF 2022 University Ranking India.

COER UNIVERSITY, ROORKEE started the journey by carefully and meticulously charting directions to achieve excellence. The Logo of the university was conceptualized to rise and blossom into an institution of excellence in higher education and become a University of Opportunities.

The University started with four Colleges in the disciplines of Computing, Business Management, Agriculture and Design. A curriculum with Choice-Based-Credit-System was introduced with emphasis on Skilling and Project-Based Learning. The syllabi of all courses of study were developed meticulously on the principles of the National Education Policy (NEP 2020) by the respective Boards of Studies(BoS). A 10-point grading system was introduced for evaluation. An important aspect of Curriculum development was to introduce the life skills as prescribed by the UGC which includes communication skills, interpersonal skills, time management, teamwork, flexibility, problem-solving, professional-skills, decision making skills, leadership abilities, and universal values.

COER UNIVERSITY, ROORKEE invited a number of top ranked distinguished academicians and industry leaders who mentors our students with carrier building skills. Similarly, a number of MoUs have been signed with top ranked Universities in US, Canada, Russia, and Ethiopia as well as Research Organizations in India to provide our students with exposure to global practices and opportunities in higher education.

As we move further our resolve to give the best education and career opportunities to our students will continue to be our prime focus.

**Prof. (Dr.) S. P. Gupta**  
Vice-Chancellor  
COER University, Roorkee

## Message from the Pro-Vice Chancellor



The cornerstone of our academic prowess lies in our relentless pursuit of knowledge and innovation. This year, our esteemed faculty and passionate researchers have pushed the boundaries of discovery across diverse disciplines. From pioneering breakthroughs to fostering interdisciplinary collaborations, our institution continues to be at the forefront of cutting-edge research.

The foundation of a progressive educational environment rests on robust infrastructure. We take pride in the significant investments made towards modernizing and enhancing our facilities which has not only elevated the learning experience for our students but has also provided state-of-the-art spaces for research and collaboration.

This year, we have been honoured with awards and accreditation received by the University and the Guiding Management, reaffirming our dedication to maintaining the highest standards of education and research. These accolades serve as a testament to the collective efforts of our faculty, staff, and students.

Our commitment to the community extends beyond the walls of our campus. Through various outreach programs and initiatives, we have continued to make a meaningful difference in the lives of individuals and communities. Whether through Tree Plantation Drive, Blood Donation Camps, Womens day Celebration or Free Health Check-up Our university remains steadfast in its commitment to social responsibility and positive societal impact.

As we celebrate our achievements, we recognize that they are a testament to the collaborative spirit and unwavering dedication of each member of our university community. The coming year holds tremendous promise and we are poised to embrace new challenges, foster innovation and continue our journey towards academic excellence and societal relevance.

Together, let us continue to strive for greatness and make a profound difference in the world through our collective endeavors.

**Professor (Dr.) Brij Mohan Singh,**  
Pro-Vice Chancellor,  
COER University, Roorkee

## Message from the Pro-Vice-Chancellor (Academics)

“We cannot always build the future for our youth, but we can build our youth for the future”



The key differentiator of a great institution is none other than its people. The Management, Faculty, Staff, and Students at the COER University, Roorkee make this institution shine as a testament to learning, committed to fostering knowledge and strengthening young minds. We can all be proud of COER UNIVERSITY, ROORKEE's numerous successes, which were made possible in the organization's early years by the tenacity and commitment of the whole COER UNIVERSITY, ROORKEE family.

Building on the solid foundation, there is a two-pronged effort to excel as a future-ready, learning-centric university. One, the continual consolidation and expansion of structures, processes and capability to enhance academic standards and credibility, and two, the determined focus to be proactive and agile to respond to the challenges of the present and immediate future. Additionally, there must be a clear focus on being proactive and adaptable in order to meet today's and tomorrow's difficulties. The major forces influencing this substantial change in higher education are pervasive. Digital technology for instance, will change how education is provided and accessible as well as how value is created to give businesses a competitive edge. The university has already made progress in this area, and now students and faculty may reap the rewards of digital technology and IT enablement. Students at COER UNIVERSITY, ROORKEE are expected to acquire fundamental and practical knowledge in a variety of professional fields, including Computing, Management and Agriculture.

COER UNIVERSITY, ROORKEE is the perfect setting for any young, eager learner who aspires to become an in-depth professional and decent corporate citizen with all the qualities, which are snuggled in a beautiful and distinctive atmosphere. Our commitment to teaching, research, and service has a positive impact not only on Uttarakhand but also on the rest of the country.

Welcome to the COER University, Roorkee

**Prof. (Dr.) S. P. Pandey**  
Pro-Vice-Chancellor (Academics)  
COER University, Roorkee

## Message from the Registrar

**“21st century belongs to young India and our young minds”**



We firmly believe that for a continuous growth, a professional expedition for knowledge, needs to continue forever. The influential highly unstable world insists the academicians to give right momentum for making life-long learners out of students.

We at COER UNIVERSITY, ROORKEE are committed to provide our students with outstanding education, practical training and facilities in the career they have chosen to pursue. To touch this pedestal, we constantly update our curriculum, so that good quality of professionals comes up to fulfill the emerging needs of industries and social landscape. Not just for a decent career, we prepare a student for life. Endowing them with the best of facilities, we emphasize on imparting excellent education to our students in an encouraging environment, we pay equal attention to the overall development of our students. We provide opportunities for students to develop their personalities in terms of sports and cultural activities so that they become good human beings. We firmly believe in knowledge dissemination and knowledge creation through our highly qualified and experienced faculty members.

The University is known for its “State of Art” infrastructure, conducive and secure environment, various innovative schemes like” Project Based Learning and many more which are acclaimed all over region. In addition, the university has carved a niche that supports the transformation of the work culture to be competent professional through teamwork, innovation, receptiveness, and efficiency. COER UNIVERSITY, ROORKEE provides conducive atmosphere to the students for ethnic development of their personality.

Apart from academic rigorous, the students are also provided with various opportunities to excel at sports and develop their personalities. I am confident that the students will have a life-transforming experience at the university. I encourage and welcome you to join us and fulfill your career aspirations

**Prof. (Dr.) Manish Kumar**  
Registrar  
COER University, Roorkee

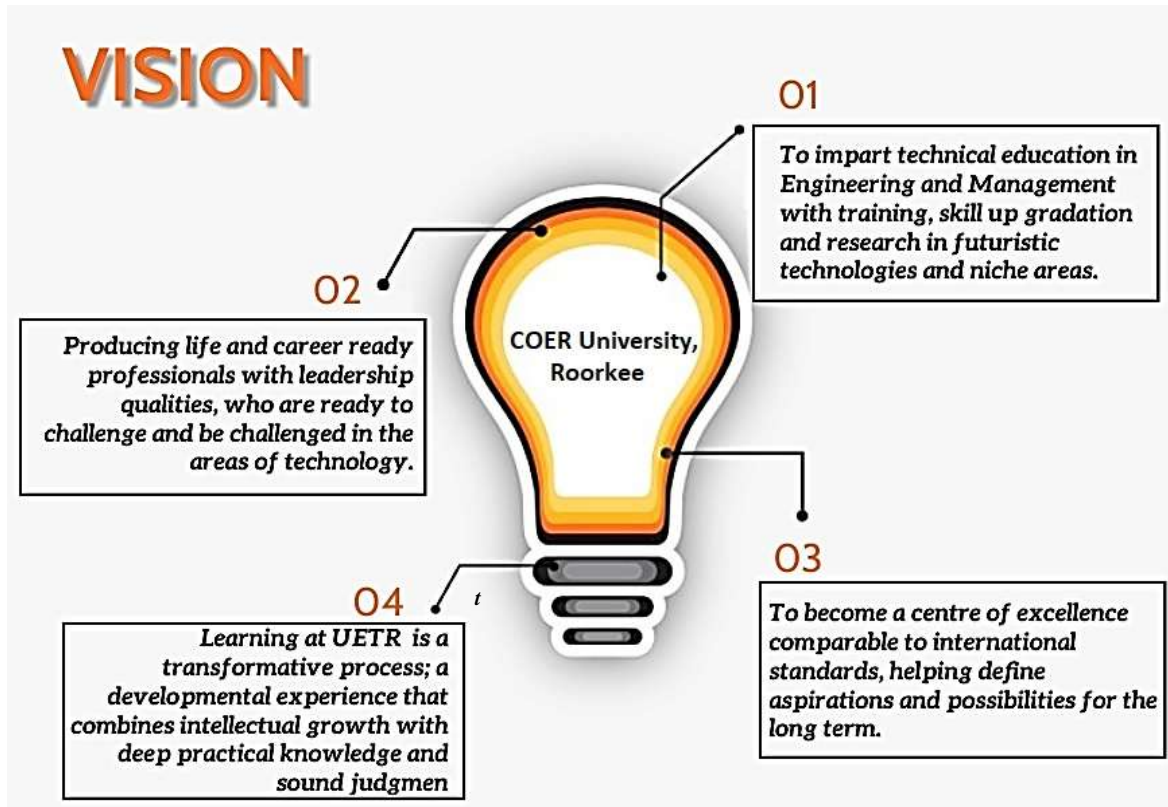
## Highlights of Academic Year 2022-23

- 5 Days FDP on "Teaching and Learning Methodology amid the Paradigm Shift in Higher Education" from 24 July 2023 to 28 July 2023 was hosted by COER university. FDP was facilitated by the presence of Scientists, Professor/Academician from esteemed institutions, such as SERB, iNurture Education Solutions Pvt Limited, and Bangalore etc.
- Tree Plantation Drive of more than 100 samplings in the presence Dr. Sujith Ravindran, Peace Ambassador, Italy was organized on HARELA on 19-July-2023 to showcase the awareness towards the environment.
- Padma Shri, Madhuri Barthwal Uniyal, folk singer of Uttarakhand celebrated the International Women's Day at COER university centered around the theme "Innovation and Technology for Gender Equality,
- Visit of Professor Ambrish Chandra, École de technologie supérieure, Montreal, Canada on 6-Dec-2022 under the MoU signed between two universities.
- 25th FOUNDATION DAY of COER was celebrated on 03-Dec-2022 acknowledging faculty members for their exemplary contributions to the realm of research and the eminent Alumnus of the COER.
- To achieve the Global standard of teaching and methodologies, an Expert lecture on "LOGIC BASED EXPLAINABLE AI" was delivered by Dr. Gopal Gupta, Professor, University of Texas, Dallas, U.S.
- COER University's 1st Annual Day was celebrated on 17-September-2022 with acknowledgement of outstanding contributions and achievements. Dr. Kumar Vishwas complemented the event by adding more energy in the celebration.
- In pursuit of enhancing faculty preparedness and acquainting them with effective academic practices for the academic year 2022-2023, a dynamic three-day Faculty Orientation Program was orchestrated in the enlightenment of Prof.(Dr.) A.K. Chaturvedi, Hon'ble Director, IIT, Roorkee.
- MoU was signed with Wayne State University, Detroit, Michigan to Exchange of specific materials, publications and information on 28-Feb-2023
- MoUs were signed with the following Universitie, industries and research organizations in the country:
  1. Paradigm Consultant and resource management Pvt. Lmt., 5-June-23
  2. UGC-Human Resource Development Centre, Jodhpur (Rajasthan ) 07-April-2023
  3. Rajkiya Mahavidyalaya, Manglore, Haridwar Utrkhand, 16-March-2023
  4. Virohan, 09-Feb-2023
  5. Government Polytechnic SIDKUL Haridwar, 17-Jan-2023
  6. Technology Incubation & Entrepreneurship Development Society (TIEDS) Business Incubator- Indian Institute Of Technology Roorkee, 21-Dec-2022
  7. Uttarakhand Science Education & Research Center (USERC),Uttarakhand, India, 12-Dec-2022
  8. SIDCUL Manufacturing Association of Uttarakhand (SMAU), 9-Dec-22

# Vision and Mission of the University

## Vision

- To become a centre of excellence comparable to international standards, helping define aspirations & possibilities for the long term, and producing life & career-ready professionals with leadership qualities, who are ready to challenge and be challenged in the areas of technology, engineering, management, the sciences, humanities, research, innovation & entrepreneurship.



## Mission

- To develop a benchmark University in higher and professional education sectors.
- To provide an international quality education and learning experience in a world-class infrastructure and a research-driven academic environment, as well as to students looking for a well-rounded academic experience with enhanced employability prospects.
- We aim to harness human capital for a sustainable competitive edge and social relevance.



## Values

As an Institute for professional and personal excellence, COER UNIVERSITY, ROORKEE believes in the value based education that our founder Late Seth Roshan Lal Jain Ji propagated, and plans to expand upon them, providing a quality experience and knowledge that can be practically applied. We aim to be a holistic center of learning and an avant-garde research machine that doesn't forget its roots. Most of all, we value honesty, responsibility, sincerity, and sacrifice in all walks and phases of life.

## COER University Goals

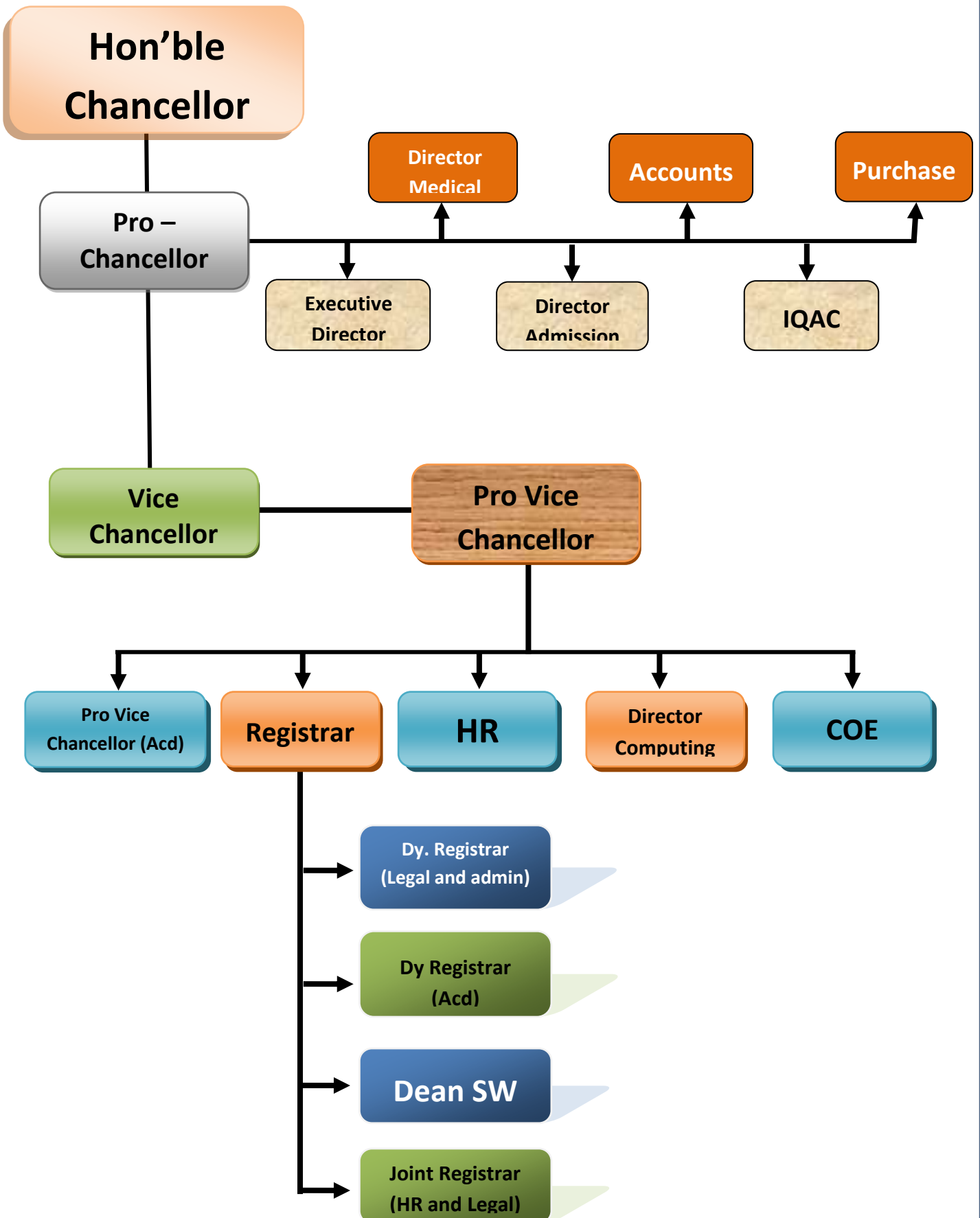
- ✚ Promote academic and research quality
- ✚ Expand enrollment and enrich reputation
- ✚ Enhance talented and skilled manpower
- ✚ Effective teacher learning and professionalism
- ✚ Boost COER UNIVERSITY, ROORKEE networking with academia and industry
- ✚ Enrich environmentally sustainable and IT-enabled campus
- ✚ Diversify and increase financial resources
- ✚ Building strong relationships with Alumni, Stakeholders and Society
- ✚ Improve the placement activities
- ✚ Enhance the consultancy services
- ✚ Globally transparent admission system

## Objectives

- To attract the best of the students from India and abroad
- To make the teaching student-centric (learner-centric) and practical oriented to provide quality education
- To inculcate moral and ethical values among students and employees
- Increasing focus on admission of foreign students and introduction of new and interdisciplinary courses.
- To introduce CBCS as per International Standards of credit transfer
- To retain and recruit highly qualified, talented, and motivated faculty
- To retain and recruit skill-oriented technical and trained administrative staff

- To provide the best academic facilities (State-of-the-Art and cutting-edge technology labs, world-class digital library, and IT enabled facilities)
- To make the COER University as ERP enabled campus
- To intensify quality research processes by enhancing research facilities
- To strengthen the engagement of industry-academia linkage for collaborative research, training, internship, and industry exposure for creation of knowledge
- To collaborate with high repute National/ International Institutions for student and faculty exchange programs and joint research projects for knowledge updation
- To link the research and consultancy outcomes to National and International societal needs through technology upgradation and transfer
- To provide scholarships to meritorious students and financial assistance to needy students
- To strengthen the placement and entrepreneurship development
- Continuous reforms in curriculums and regulations, organization of international conferences, seminars, workshops, and training (in-house, nationwide, and across the World). As per the needs of Industry 4.0 / 5.0 in Computer Science, IT, Management and Agriculture area.
- To strengthen Alumni Association activities for resource generation and further improvement

# Organization Structure of the University



## University at a Glance

The COER University ( Formerly known as COER University, Roorkee) was established in 2021, vide the COER University, Roorkee Act, 2020 (Uttarakhand Act No. 07 of 2021) as a Private University and is located in Roorkee, Uttarakhand. The COER University, Roorkee has been notified by the UGC. The University is sponsored by Seth Roshan Lal Jain Trust, 7<sup>th</sup> Km. of Roorkee-Haridwar National Highway, Vardhmanpuram, Roorkee, District Haridwar, Uttarakhand -247 667 for Technical Education, Higher Education, Management Education, Social Science, General Science, Training and Research Work. The beautiful green campus of the COER University is located on the Roorkee-Haridwar National Highway-58. COER University aims to be a premier university in the state of Uttarakhand and a peerless champion in world-class education, a centre of excellence comparable to international benchmarks.

COER University aims to expose students to the world of emerging technologies, empowering them with the confidence to face new challenges and enabling them to shine in their chosen fields.

### University Physical Resources

This attractive and green campus is spread over 30 acres and has facilities for 70 modern, spacious and well-designed class rooms, 50+ advanced, immersive and specialized laboratories, computer labs, multiple seminar halls, an auditorium (1500 seating capacity), six boys' and girls' hostels, and several sports courts, a sprawling playground and facilities for indoor and outdoor games.

### University Library and Learning Resource (Librarian will update this soon today)

The University library is an integrated knowledge resource for central and departmental libraries, with an Open Access Catalogue for students, faculty and staff members. It is spread over an area of 1120 sq. mtr. The library is located on a separate floor with mezzanine flooring situated very close to the Administration block.

- The collection includes more than 16419 books, 67 journals and magazines on various disciplines and E-Journals through DELNET-1380 and J-Gate more than 2000. The collection of books includes documents covering a wide range of subjects from English literature, pure sciences, arts, history and social sciences, languages etc. for several reputed publishers.
- COER University Library is completely computerized and uses bar coding system with the help of Cyborg ERP software.
- 1481 video courses of NPTEL are available in Central Library
- The library has a spacious reading hall and with a rich references collection like Encyclopedias, self-help books, Rare books, material for preparation for GATE, GRE and other Competitive examinations and other reference material.
- Question papers of University examinations, Ph.D. Theses, Institute Publications and research papers are also available in the reference section.
- The reading area can accommodate around 200 users at any point in time. Central Library holding also includes dissertations and project reports of final year students.
- The library also provides access to the internet as well as CD/DVD-based electronic resources.

- A visitor's book is maintained for students and staff. New arrivals of books and journals are displayed on separate stands and racks.

### **University IT Infrastructure**

We give massive importance to our facilities and learning resources and continuously ensure that our staff and students have full access to everything they need to help them succeed in their work and study, including a library, with 24/7 Wi-Fi access, ERP server, and smart classes etc.

### **University Student Support**

COER University is committed to providing financial aid packages to help those who are brilliant in academics, and deserve nothing less than a world-class education but don't have the required means.

We offer a variety of scholarships:

- Single Girl Child Scholarship
- Uttarakhand Domicile Scholarship
- Defence/ COVID-19 Ward Scholarship
- Alumni Scholarship
- Meritorious Scholarship
- Siblings Scholarship
- EWS Scholarship

COER University addresses any issue related to the code of conduct including grievance redressal and internal complaint committees. COER University follows a zero-tolerance policy towards ragging as per the norms of the regulating authorities.

### **University Faculty Profile**

About 400 faculty members have been recruited from prestigious national and international institutions, corporate houses, and industries. These professors are distinguished academicians who have been recognized for their research and teaching abilities.

### **University Research**

Today's society faces a plethora of diverse, complex and demanding problems. Research and Development (R&D) activities don't just advance knowledge, improve our world and shape the future, but are also the backbone of academic life. At COER University, we have multi-disciplinary research programs and research activities that are nurtured in our Expert Research Groups and in the COER University-funded Centre of Excellence. We also organize special lectures for research and Intellectual Property Rights that help strengthen the undergraduate and postgraduate research programs.

The past decade has truly shown us the speed and scale at which technological advancements and change can happen. The next ten years will depend heavily on discoveries that come out of strategic, focused research from information technologies to Smart Agriculture, energy and the environment. Therefore, COER University focuses greatly on R&D - we aspire to become the leaders in research publications and patents.

## **University Facilities for Research Promotion**

- Dedicated research and innovation labs
- An intellectual property rights cell to back our students
- Institutional innovation cell that provides guidance to research-oriented students
- A 'Do it Yourself' platform for hardware-related projects/research
- An incubation centre
- COER University publishes two international journals in the engineering and management fields
- Centres of excellence in all emerging technologies
- Renowned research mentors
- Tie-ups with other research labs such as CSIR-CBRI, Roorkee, Design & Innovation Centre, IIT Roorkee etc.
- Collaboration with international universities and colleges for collaborative research activities.
- Several specialized advanced labs
- Centres of excellence that give students an opportunity to experiment through advanced infrastructure and equipment
- Stocked central, departmental and hostel libraries

## **University Activities that Fuel Research at COER University**

- Each student is encouraged to write a research paper every year; these are compiled and published in national and international research journals or conferences
- Faculty members are not only encouraged, but entrusted to publish papers in reputed international journals like SCI, Scopus, UGC and more
- Students and faculty are motivated to file patents
- COER University funds innovative research projects
- Monetary incentives are given to faculty and students who bring in research grants and publish research papers

## **University Patents and Intellectual Property Rights**

Consistent and diverse research and development (R&D) activities are crucial to a well-rounded academic life. To this end, the initiatives of the COER University, Roorkee are always in line with this objective - we pursue knowledge through various programs aimed at developing and training highly skilled and technically adept graduates.

Research activities are conducted collaboratively in our Expert Research Groups and at the COER University-funded Centres of Excellence, with many of our research activities being sponsored by the government and various industries. Therefore, students and faculty are encouraged to write research papers and file patents, while being backed by our intellectual property rights cell and funded through the university itself.

COER University's research vision and strategy lean towards advancing knowledge, improving our world and shaping the future. Therefore, multi-disciplinary research is key to addressing society's diverse, complex and demanding problems - scientific and technological innovation has always created social and economic transformation.

## Summary of Learning Opportunities & Research Work done by the Faculty & Students

Sr. No.	Learning Opportunities	Numbers
1)	FDP/ Workshops/ Webinars/ MOOCs	-
2)	Invited Lectures Delivered	02
3)	Webinar's/ Workshop's organized by External Experts	-
4)	Journal Research Papers, Conference Paper, Articles, Blogs & Books, Book Chapter Published/ Communicated	<b>Journals (Pub. &amp; Acc.): 71</b> <b>Conference: 26</b> <b>Articles: -</b> <b>Blogs: -</b> <b>Books: 12</b> <b>Book Chapter: 15</b>
5)	Patents	70
6)	Ph.D. Completed/ Submitted	02
7)	Activities Organized for Students	-
8)	Awards/ Recognitions	01

### International Academic Collaborations

Along with our various professional relationships within the industry, COER UNIVERSITY, ROORKEE also has multiple cordial tie-ups with universities across the world. With our combined effort, our students can rest assured that the quality of education at the institute will be of international standards.

### Design of Curriculum

COER University relies on the National Policy of Education-2020 as a guideline for the framework for a cohesive, comprehensive and complete curriculum. The programs of study are designed with a focus on:

- Continuous practical skill gained throughout the duration of the study.
- Rigorous and streamlined industrial internship slots in each year of study.
- Course-specific and research-centric teaching modules are offered from the get-go to ensure that at the end of each year, the student acquires applicable knowledge.
- A choice-based credit system that allows a student to pursue subjects of their choice from a wide range of electives.
- Multi-entry-multi-exit flexibility allows a student, in exceptional circumstances, to discontinue and re-join after a stipulated gap period. The facility of archiving students' grades in an Academic Bank of Credits (ABC) allows the student to continue from right where they left.
- Global exposure through multiple international partner universities.

## **Academic Facilities**

COER University provides a magnificent and comprehensive range of facilities within the campus for its students. The development of avant-garde infrastructure and technical facilities has been a continuous process for us, and will be for the foreseeable future.

### **Designed to Lead, Not to Follow**

With state-of-the-art facilities and upgraded infrastructure, COER University believes in providing the best possible experience to the students in every scenario. The technologically equipped classrooms and tutorial rooms facilitate teaching through advanced tools and techniques, and the university's libraries, built with knowledge and curiosity as foundational pillars, are well-equipped with a vast number of books, journals, magazines and newspapers for students. The laboratories provide practical exposure to various subjects and give an opportunity to the students to experiment with what they have learned in classrooms.

### **A Stellar View**

The auditoriums at COER UNIVERSITY, ROORKEE are up-to-date with modern multimedia systems, which can be used for presentations, seminars, fests and other academic events.

The university frequently organizes national & international level conferences and seminars on various themes and disciplines to promote industry interaction for its students.

Our Centre of Excellence, DIY Labs and Resource Centre provide students with a means to channel their creativity through experimentation and innovation.

### **A Time of Reckoning**

Since it has been proved that we truly live in the times of 'Global Village', and now no part of the world can be left unconnected, a stabilized link plays important role in this era of globalization. Realizing the need for constant internet, COER UNIVERSITY, ROORKEE facilitates uninterrupted connectivity at the constant speed of 100+ Mbps round the clock. An optical fibre back-bone with structural cabling provides internet connectivity between and to all the computers with students, academic block and administration and faculty residences.

Along with that, the university is enriched with renovated hostels, medical support systems, gymnasium, vast parking facility (accessible to both students & faculty). The campus also provides an eco-friendly environment to its students by being a completely smoke-free zone & has also taken active steps towards the usage of innovative & eco-friendly technologies such as the harvesting of solar power, rainwater harvesting, paper recycling & other green initiatives. Additionally, the university has taken extensive measures to address the need for vigilance & security. The campus is fully CCTV-enabled to cater the safety requirements of the students & staff.






## Officers of the University





Sr. No.	Name of the Officer	Designation	Date of Joining	Photo
1)	<p><b>Prof. (Dr.) S. P. Gupta</b> Former Dy. Director Professor Deptt. of Electrical Engineering I.I.T. Roorkee <b>E-Mail:</b> vc@coeruniversity.ac.in <b>Phone:</b> +91 98 37 074 284</p>	Vice-Chancellor	March 2021	
2)	<p><b>Prof. (Dr.) B. M. Singh</b> Pro Vice Chancellor COER University, Roorkee Professor Deptt. of Computer Science &amp; Engineering <b>E-Mail:</b> PVC@coeruniversity.ac.in <b>Phone:</b> +91 98 37 074 284</p>	Pro-Vice-Chancellor		
3)	<p><b>Prof. (Dr.) S. P. Pandey (Academics)</b> Former Director - Rajkiya Engg. College, Azamgarh (U.P.) <b>E-Mail:</b> PVC.ACD@coeruniversity.ac.in <b>Phone:</b> +91 94 12 660 022</p>	Pro-Vice-Chancellor (Academics)	Oct. 2022	
4)	<p><b>Dr. Manish Kumar</b> <b>E-Mail:</b> registrar@coeruniversity.ac.in <b>Phone:</b> +91 75 79 134 152</p>	Registrar	April 2022	
5)	<p><b>Dr. Himanshu Chauhan</b> <b>E-Mail:</b> coe@coeruniversity.ac.in <b>Phone:</b> +91 98 97 084 858</p>	Controller of Examinations	April 2022	
	<p><b>Dr. Sagar Gulati</b> Director College of Smart Computing <b>E-mail:</b> director@coeruniversity.ac.in Phone : +91</p>	Director College of Smart Computing		
6)	<p><b>Dr. Muneesh Sethi</b> <b>E-Mail:</b> deanresearch@coeruniversity.ac.in <b>Phone:</b> +91 80 06 440 438</p>	Dean Research	July 2022	

7)	<b>Mr. Hemant Katiyar</b> <b>E-Mail:</b> librarian@coeruniversity.ac.in <b>Phone:</b> +91 90 27 916 033	Librarian	March 2021	
8)	<b>Mr. K. D. Prasad</b> <b>E-Mail:</b> accounts@coeruniversity.ac.in <b>Phone:</b> +91 85 87 085 900	Chartered Accountant	March 2021	

## Distinguished Mentors of the University

Sr. No.	Name of the Distinguished Mentors	Photograph
1)	<p><b>Dr. Gopal Gupta</b> ERIK JONSSON Chair Professor University of Texas at Dallas <b>Specialization</b> in Artificial Intelligence &amp; Machine Learning</p>	
2)	<p><b>Dr. Harpreet Singh</b> Professor Wayne State University, Detroit <b>Specialization</b> in Intelligent Systems</p>	
3)	<p><b>Dr. Sven Travis</b> Professor Parsons College of Design Brooklyn, New York <b>Specialization</b> in Computer Graphics</p>	
4)	<p><b>Mr. R. Mukundan</b> Managing Director &amp; CEO TATA Chemicals Limited</p>	
5)	<p><b>Ms. Ruchi Varshneya</b> Divisional Vice-President Abbott Rapid Diagnostics Lake Forest, Illinois</p>	
6)	<p><b>Dr. Anjali Agarwal</b> Professor Gina Cody College of Engineering &amp; Computer Science Concordia University, Montreal <b>Specialization</b> in Wireless Mesh Networks</p>	

Sr. No.	Name of the Distinguished Mentors	Photograph
7)	<p><b>Dr. Ambrish Chandra</b>            Professor            École de Technologie Supérieure (ÉTS)            Montreal  <b>Specialization</b> in Power Energy</p>	
8)	<p><b>Dr. Deb Kumar Chakrabarti</b>            Professor, Department of Design            Officiating Director            C.I.T. Kokrajhar, Assam  <b>Specialization</b> in Ergonomic Research</p>	
9)	<p><b>Dr. Ramesh C. Bansal</b>            Professor            University of Sharjah  <b>Specialization</b> in Renewable Energy</p>	
10)	<p><b>Dr. Rajat Agarwal</b>            Professor            Department of Management Studies            Indian Institute of Technology Roorkee  <b>Specialization</b> in Operation Management</p>	
11)	<p><b>Mr. Pitamber Shivnani</b>            Managing Director &amp; CEO            GE T&amp;D India Limited</p>	
12)	<p><b>Dr. Nikolay Kurchenko</b>            Department of Electrical Machines &amp; Motor Drives            Kuban State Agrarian University (<b>KubSAU</b>)            Krasnodar, <b>Russia</b></p>	

Sr. No.	Name of the Distinguished Mentors	Photograph
13)	<p><b>Dr. Iakov Ilchenko</b>            Department of Electrical Machines &amp; Motor Drives            Kuban State Agrarian University (<b>KubSAU</b>)            Krasnodar, <b>Russia</b></p>	
14)	<p><b>Dr. P. K. Joshi</b>            Professor            College of Environmental Science            Jawaharlal Nehru University            New Delhi</p>	
15)	<p><b>Mr. Somesh Paliwal</b>            Scientist C            Regional Tasar Research Station            Central Silk Board Industrial Area            Bhimtal, Nainital</p>	
16)	<p><b>Dr. Achal Mittal</b>            Sr. Principal Scientist            Central Building Research Institute            Roorkee</p>	

## Statutory Bodies

### a) Board of Governors

#### The Visitor

Hon'ble Governor of Uttarakhand

<b>BOARD OF GOVERNORS</b>	
<b>Er. J. C. Jain</b> Chancellor COER University, Roorkee	<b>Mr. Shriyance Jain</b> Pro-Chancellor COER University, Roorkee
<b>Mrs. Sunita Jain</b> Vice-Chairperson Seth Roshan Lal Jain Trust <b>(Trust Nominee)</b>	<b>Mrs. Charu Jain</b> Trustee Seth Roshan Lal Jain Trust <b>(Trust Nominee)</b>
<b>Prof. (Dr.) S. P. Gupta</b> Member Secretary & Vice-Chancellor COER University, Roorkee	<b>Prof. (Dr.) B. M. Singh</b> Pro Vice Chancellor - COER University, Roorkee Seth Roshan Lal Jain Trust (Trust Nominee)
<b>STATE GOVERNMENT NOMINEE</b>	
<b>Principal Secretary - Ex-Officio</b> Member Secretary, Higher Education Department I.A.S. Officer	
<b>MEMBER ACADEMICIAN AND EDUCATIONIST</b>	
<b>Dr. Rajat Agarwal</b> Professor, Department of Management Studies Indian Institute of Technology Roorkee <b>Academician</b>	<b>Mr. G. K. Rastogi</b> Joint Registrar (Finance & Accounts) Indian Institute of Technology Roorkee <b>Officer of a Central Govt. Institution</b>
<b>Dr. Gopal Gupta</b> Professor University of Texas at Dallas, U.S.A. <b>Academician</b>	<b>Dr. Vinod Kumar</b> Vice-Chancellor, Jaypee University of Information Technology, Wahnaghat, Solan (H.P.) <b>Academician</b>
<b>Dr. Ambrish Chandra</b> Professor, Department of Electrical Engineering École de Technologie Supérieure, Montreal, Canada <b>Academician</b>	
<b>MEMBER CORPORATE</b>	
<b>Dr. Sugam Sharma</b> Founder/ CEO eFeed-Hungers.com; Iowa State University, USA <b>Industrialist - Visitor's Nominee</b>	<b>Mr. Santosh Kumar</b> Senior Project Manager WIPRO Technologies <b>Industrialist - Visitor's Nominee</b>
<b>Mr. Ankur Mishra</b> Director - Engineering Ethos Life, Singapore <b>Industrialist - Visitor's Nominee</b>	

## b) Board of Management

<p><b>Dr. S. P. Gupta</b> Chair Person Vice-Chancellor COER University, Roorkee</p>	<p><b>Dr. Anita Rawat</b> Director USERC</p>
<p><b>Dr. Rajat Agarwal</b> HoD, DOMS Indian Institute of Technology Roorkee</p>	<p><b>Mr. Shriyance Jain</b> Member Pro-Chancellor COER University, Roorkee</p>
<p><b>Principal Secretary, Higher Education, Govt. of Uttarakhand</b> Member Principal Secretary Higher Education, Secretariat, Dehradun IAS Officer</p>	<p><b>Ms. Charu Jain</b> Member E.D. - COER University, Roorkee Seth Roshan Lal Jain Trust</p>
<p><b>Dr. B. M. Singh</b> Member Pro-Vice-Chancellor COER University, Roorkee</p>	<p><b>Dr. Devendra Kumar</b> Member Director Admissions COER University, Roorkee</p>
<p><b>Dr. Mridula</b> Member Associate Dean Accreditation &amp; Ranking Framework COER University, Roorkee</p>	<p><b>Dr. Kamal Kapoor</b> Member Dean Academics COER University, Roorkee</p>
<p><b>Dr. Veeralakshmi B.</b> Member Dean - College of Business Studies COER University, Roorkee</p>	<p><b>Dr. Himanshu Chauhan</b> Member Controller of Examinations COER University, Roorkee</p>
<p><b>Dr. Manish Kumar</b> Member Secretary Registrar COER University, Roorkee</p>	

### c) Academic Council

<p><b>Dr. S. P. Gupta</b> Chairman Vice-Chancellor COER University, Roorkee</p>	<p><b>Dr. Veeralakshmi B.</b> Member Dean - College of Business Studies COER University, Roorkee</p>
<p><b>Dr. Muneesh Sethi</b> Member Dean - Research &amp; Development COER University, Roorkee</p>	<p><b>Dr. Manisha Phaugat</b> Member HoD - College of Smart Agricultural Science COER University, Roorkee</p>
<p><b>Dr. Gesu Thakur</b> Member Professor - College of Computing COER University, Roorkee</p>	<p><b>Dr. Kamal Kant Verma</b> Member Associate Professor - College of Computing COER University, Roorkee</p>
<p><b>Dr. Renu Chaudhary</b> Member Assistant Professor - College of Computing COER University, Roorkee</p>	<p><b>Dr. B. M. Singh</b> Member Pro Vice Chancellor Adjunct Professor – COER UNIVERSITY, ROORKEE</p>
<p><b>Dr. Gunjan Aggrawal</b> Member Professor - COER University, Roorkee</p>	<p><b>Mr. Puneet Mittal</b> Member (<b>Industrialist</b>) CEO &amp; Founder V.L.S.I. Expert Private Limited</p>
<p><b>Mr. Ankur Mishra</b> Member (<b>Industrialist</b>) Director - Software Engineering Company Ethos Life, U.S.A.</p>	<p><b>Dr. Himanshu Chauhan</b> Member Controller of Examinations COER University, Roorkee</p>
<p><b>Mr. Hemant Katiyar</b> Member Librarian COER University, Roorkee</p>	<p><b>Dr. Manish Kumar</b> Member Secretary Registrar COER University, Roorkee</p>

#### d) Finance Committee

<b>Dr. S. P. Gupta</b> Chairman Vice-Chancellor COER University, Roorkee	<b>Principal Secretary</b> Ex-Officio Member Principal Secretary, Higher Education Secretariat, Dehradun
<b>Mr. Shriyance Jain</b> Member Pro-Chancellor COER University, Roorkee	<b>Dr. B. M. Singh</b> Member Director COER University, Roorkee
<b>Dr. Himanshu Chauhan</b> Member Controller of Examinations COER University, Roorkee	<b>Dr. Manish Kumar</b> Member Registrar COER University, Roorkee
<b>Mr. K. D. Prasad</b> Member Secretary Chartered Accountant COER University, Roorkee	

## e) Board of Research

<p><b>Dr. S. P. Gupta</b> Chairman Vice-Chancellor COER University, Roorkee</p>	<p><b>Dr. B. M. Singh</b> Member Group Director COER University, Roorkee</p>
<p><b>Dr. Veeralakshmi B.</b> Member Dean &amp; HoD - College of Business Studies COER University, Roorkee</p>	<p><b>Dr. Manish Kumar</b> Member Registrar COER University, Roorkee</p>
<p><b>Mr. Anurag Singh</b> Member Assistant Professor - College of Computing COER University, Roorkee</p>	<p><b>Dr. Kamal Kant Verma</b> Member Assistant Professor - College of Computing COER University, Roorkee</p>
<p><b>Dr. Himanshu Chauhan</b> Member Controller of Examinations COER University, Roorkee</p>	<p><b>Dr. Mridula</b> Member Coordinator - IQAC COER University, Roorkee</p>
<p><b>Dr. V. K. Singh</b> Member Dean - Student Welfare COER University, Roorkee</p>	<p><b>Dr. Jagat Pal</b> Member Asstt. Prof. - College of Smart Agricultural Science COER University, Roorkee</p>
<p><b>Dr. Rajat Agarwal</b> External Expert Deptt. of Management Studies Indian Institute of Technology Roorkee</p>	<p><b>Dr. Partha Pratim Roy</b> External Expert Deptt. of Computer Science Engineering Indian Institute of Technology Roorkee</p>
<p><b>Dr. D. V. Gupta</b> Member HoD - Deptt. of Basic Sciences COER University, Roorkee</p>	<p><b>Dr. Muneesh Sethi</b> Member Secretary Dean - Research &amp; Development COER University, Roorkee</p>

## f) Board of Examinations

<b>Dr. S. P. Gupta</b> Chairman Vice-Chancellor COER University, Roorkee	<b>Dr. Veeralakshmi B.</b> Member Dean - College of Business Studies COER University, Roorkee
<b>Dr. Muneesh Sethi</b> Member Dean - Research and Development COER University, Roorkee	<b>Dr. Manisha Phaugat</b> Member HoD - College of Smart Agricultural Science COER University, Roorkee
<b>Dr. Kamal Kant Verma</b> Member HoD - College of Computing COER University, Roorkee	<b>Dr. Deep Gupta</b> Member Coordinator - IQAC COER University, Roorkee
<b>Dr. Gesu Thakur</b> Member Professor - College of Computing COER University, Roorkee	<b>Dr. Sudhir Kumar Gaur</b> Member Professor - College of Business Studies COER University, Roorkee
<b>Dr. Sunil Shukla</b> Member Associate Professor - College of Computing COER University, Roorkee	<b>Dr. Alok Prasad</b> Member Professor - College of Business Studies COER University, Roorkee
<b>Dr. Khaliqur Rehman Ansari</b> Member Assistant Professor - College of Business Studies COER University, Roorkee	<b>Dr. Manish Kumar</b> Member Registrar COER University, Roorkee
<b>Dr. Himanshu Chauhan</b> Member Secretary Controller of Examinations COER University, Roorkee	

## g) Board of Studies

### College of Computing

<b>Dr. Kamal Kant Verma</b> Chairman HoD - College of Computing COER University, Roorkee	<b>Dr. Satyajee Srivastava</b> Member Professor - College of Computing COER University, Roorkee
<b>Dr. Gesu Thakur</b> Member Professor - College of Computing COER University, Roorkee	<b>Dr. Sunil Shukla</b> Member Professor - College of Computing COER University, Roorkee
<b>Mr. Ravi Kumar</b> Member Assistant Professor - College of Computing COER University, Roorkee	<b>Mr. Bhupal Arya</b> Member Assistant Professor - College of Computing COER University, Roorkee
<b>Dr. D. V. Gupta</b> Member Professor COER University, Roorkee	<b>Dr. Rashmi Gupta</b> Member Associate Professor COER University, Roorkee
<b>Mr. Amitosh Garg</b> Member Associate Consultant Tata Consultancy Services	<b>Dr. Tushar Anthwal</b> Member Project Associate <b>UCOST</b> , Dehradun
<b>Mr. Sohan Lal</b> Member Secretary Dy. Registrar - Academics COER University, Roorkee	

## College of Business Studies

<p><b>Dr. Veeralakshmi B.</b> Chairman Dean - College of Business Studies COER University, Roorkee</p>	<p><b>Dr. Sudhir Kumar Gaur</b> Member Professor - College of Business Studies COER University, Roorkee</p>
<p><b>Dr. Ashima Garg</b> Member Assistant Professor - College of Business Studies COER University, Roorkee</p>	<p><b>Dr. Ravinder Kumar Saini</b> Member Associate Professor - College of Business Studies COER University, Roorkee</p>
<p><b>Dr. D. V. Gupta</b> Member Professor COER University, Roorkee</p>	<p><b>Dr. Rashmi Gupta</b> Member Associate Professor COER University, Roorkee</p>
<p><b>Dr. Deep Gupta</b> Member Professor - Deptt. of Basic Sciences COER University, Roorkee</p>	<p><b>Dr. Divya Ghai</b> Member Associate Professor Shri Guru Ram Rai University, Dehradun</p>
<p><b>Mr. Rahul Singla</b> Member Manager - Purchase EXIDE Industries, Haridwar</p>	<p><b>Mr. Sohan Lal</b> Member Secretary Dy. Registrar - Academics COER University, Roorkee</p>

## College of Smart Agricultural Science

<p><b>Dr. Manisha Phaugat</b> Chairman HoD - College of Smart Agricultural Science COER University, Roorkee</p>	<p><b>Dr. Jagat Pal</b> Member Asstt. Prof. - College of Smart Agricultural Science COER University, Roorkee</p>
<p><b>Dr. Pankaj Kumar</b> Member Asstt. Prof. - College of Smart Agricultural Science COER University, Roorkee</p>	<p><b>Dr. D. V. Gupta</b> Member Professor COER University, Roorkee</p>
<p><b>Dr. Pashupati Nath</b> Member Asstt. Prof. - College of Smart Agricultural Science COER University, Roorkee</p>	<p><b>Dr. U. K. Tripathi</b> Member Professor (Retd.) CSA University of Agriculture &amp; Technology, Kanpur <b>(Academic Expert)</b></p>
<p><b>Mr. Bhanu Pratap Singh</b> Member Triveni Seeds Pvt. Ltd.</p>	<p><b>Dr. B. D. Joshi</b> Special Invitee Professor (Retd.) Gurukul Kangri University, Haridwar</p>
<p><b>Mr. Sohan Lal</b> Member Secretary Dy. Registrar - Academics COER University, Roorkee</p>	

## Statutory Bodies Meetings

Name of Statutory Body	Body Meeting No.	Date of Meeting Held	Chaired by/ Member Secretary
Board of Governors	I II III	20/04/2021 11/12/2021 11/06/2022	<b>Er. J. C. Jain</b> Chairman <b>Dr. S. P. Gupta</b> Member Secretary
Board of Management	I II	21/08/2021 12/03/2022	<b>Dr. S. P. Gupta</b> Chairman <b>Dr. Manish Kumar</b> Member Secretary
Academic Council	I II	07/08/2021 09/12/2021	<b>Dr. S. P. Gupta</b> Chairman <b>Dr. Manish Kumar</b> Member Secretary
Finance Committee	I II	18/09/2021 19/03/2022	<b>Dr. S. P. Gupta</b> Chairman <b>CA K. D. Prasad</b> Member Secretary
Board of Research	I II	10/07/2021 18/12/2021	<b>Dr. S. P. Gupta</b> Chairman <b>Dr. Muneesh Sethi</b> Member Secretary
Board of Examinations	I II	15/07/2021 16/10/2021	<b>Dr. S. P. Gupta</b> Chairman <b>Dr. Himanshu Chauhan</b> Member Secretary
Board of Studies - <b>SoA</b>	I II	21/08/2021 24/03/2022	<b>Dr. Manisha Phaugat</b> Chairman <b>Mr. Sohan Lal</b> Member Secretary
Board of Studies - <b>SoB</b>	I II	14/08/2021 19/02/2022	<b>Dr. Veeralakshmi B.</b> Chairman <b>Mr. Sohan Lal</b> Member Secretary
Board of Studies - <b>SoC</b>	I II III	17/07/2021 20/07/2021 22/03/2022	<b>Dr. Kamal Kant Verma</b> Chairman <b>Mr. Sohan Lal</b> Member Secretary
Board of Studies - <b>SoD</b>	I II	28/08/2021 18/12/2021	<b>Dr. Ila Gupta</b> Chairman <b>Mr. Sohan Lal</b> Member Secretary

## Various Committees of the University

Sr. No.	Name of the Committee	Date of Meeting Held	Chair Person/ Convener
1)	Anti-Ragging Committee	11/09/2022 25/01/2023	<b>Dr. Veeralakshmi B.</b> Dean - College of Business Studies COER University, Roorkee dr.veeralakshmi@coeruniversity.ac.in
2)	Anti-Discrimination Cell	25/09/2022 12/02/2023	<b>Dr. Gesu Thakur</b> Professor - College of Computing COER University, Roorkee adc@coeruniversity.ac.in
3)	Research Advisory Committee	21/08/2022 13/03/2023	<b>Dr. S. P. Gupta</b> Vice-Chancellor COER University, Roorkee vc@coeruniversity.ac.in
4)	Planning & Monitoring Board	04/09/2022	<b>Dr. S. P. Gupta</b> Vice-Chancellor COER University, Roorkee vc@coeruniversity.ac.in
5)	Admission Committee	10/07/2022 16/01/2023	<b>Dr. Devendra Kumar</b> Director - Admissions COER University, Roorkee deanadmission@coeruniversity.ac.in
6)	Fee Committee	03/07/2022	<b>Dr. S. P. Gupta</b> Vice-Chancellor COER University, Roorkee vc@coeruniversity.ac.in
7)	Discipline Committee	22/05/2022 19/10/2022 17/02/2023	<b>Dr. V. K Singh</b> Dean Student Welfare COER University, Roorkee deansw@coeruniversity.ac.in
8)	Purchase Committee	11/09/2022	<b>Mr. Akshat Kumar</b> HoD - Purchase COER University, Roorkee purchase@coeruniversity.ac.in
9)	Internal Complaint Cell	25/09/2022 11/01/2023	<b>Mrs. Chhavi Krishna</b> Asstt. Professor - College of Business Studies COER University, Roorkee chhavikrshnas@gmail.com
10)	Training and Placement Cell	13/11/2022	<b>Ms. Divya Mishra</b> Associate Dean – Training and Placement Cell COER University, Roorkee asso.dean.tpc@coeruniversity.ac.in
11)	Library Committee	20/11/2022 13/03/2023 17/07/2023	<b>Mr. Hemant Katiyar</b> Librarian COER University, Roorkee librarian@coeruniversity.ac.in

## Academic Calendar of the University

**Odd/Even Semester**

**A.S. 2022 - 23**

Sr. No.	Activity	Period	Day	Remarks
1)	Commencement of Registration for 2 <sup>nd</sup> Year Students	Aug. 01, 2022	Monday	
2)	Induction Program for 2 <sup>nd</sup> Year	Aug. 02, 2022 To Aug. 04, 2022	Tuesday To Thursday	
3)	Commencement of Classes for 2 <sup>nd</sup> Year	Aug. 05, 2022	Friday	
4)	Independence Day	Aug. 15, 2022	Monday	
5)	Shri Krishna Janmashtami	Aug. 19, 2022	Friday	
6)	Commencement of Registration for 1 <sup>st</sup> Year Students	Sept. 01, 2022	Thursday	
7)	Induction Program for 1 <sup>st</sup> Year	Sept. 02, 2022 To Sept. 17, 2022	Friday To Saturday	
8)	University Foundation Day	Sept. 17, 2022	Saturday	
9)	Commencement of Classes for 1 <sup>st</sup> Year	Sept. 19, 2022	Monday	
10)	Dussehra Holiday	Oct. 05, 2022	Wednesday	
11)	Knowledge Festival	Oct. 07, 2022 To Oct. 08, 2022	Friday To Saturday	
12)	Commencement of Mid Term Exams <b>(MTE I)</b>	Oct. 20, 2022 To Oct. 22, 2022	Thursday To Saturday	<b>39 Days</b> for 1 <sup>st</sup> Year & <b>69 Days</b> for 2 <sup>nd</sup> Year
13)	Deepawali Break/ Mid Sem Break	Oct. 24, 2022 To Oct. 27, 2022	Monday To Thursday	
14)	Gurunanak Jayanti	Nov. 08, 2022	Tuesday	
15)	Commencement of Mid Term Exam <b>(MTE II)</b>	Dec. 21, 2022 To Dec. 24, 2022	Wednesday To Saturday	<b>84 Days</b> for 1 <sup>st</sup> Year & <b>105 Days</b> for 2 <sup>nd</sup> Year
16)	End Semester Practical Exams	Jan. 05, 2023 To Jan. 07, 2023	Thursday To Saturday	<b>93 Days</b> for 1 <sup>st</sup> Year & <b>114 Days</b> for 2 <sup>nd</sup> Year
17)	Remedial Classes/Presentation & Evaluation of all Projects/ Seminars	Jan. 09, 2023 To Jan. 12, 2023	Monday To Thursday	04 Days Remedial Classes
18)	Preparation Leave/ Make-Up Test	Jan. 13, 2023 To Jan. 16, 2023	Friday To Monday	
19)	End Semester Examinations	Jan. 16, 2023 To Feb. 04, 2023	Monday To Saturday	<b>18 Days</b> Reserved for End Semester Exams
20)	Commencement of Registration for II and IV Semester	Feb. 06, 2023	Monday	

21)	Commencement of Classes	Feb. 07, 2023	Tuesday	
22)	Maha Shivratri	Feb. 18, 2023	Saturday	
23)	Result Declaration	Feb. 25, 2023	Saturday	<b>Odd Sem 2022-23</b>
24)	Holi Break	Mar. 07, 2023 To Mar. 09, 2023	Tuesday To Thursday	
25)	Ramanavami	March 30, 2023	Thursday	
26)	Commencement of Mid Term Exams <b>(MTE I)</b>	Mar. 31, 2023 To Apr. 08, 2023	Friday To Saturday	<b>41 Days</b> of Teaching before MTE I
27)	Mahavir Jayanti	April 04, 2023	Tuesday	
28)	Dr. B.R. Ambedkar Jayanti Vaisakhi	April 14, 2023	Friday	
29)	Buddha Purnima	May 05, 2023	Friday	
30)	Commencement of Mid Term Exam <b>(MTE II)</b>	May 18, 2023 To May 25, 2023	Thursday To Thursday	<b>31 Days</b> of Teaching before MTE II
31)	Last Day of Teaching	May 31, 2023	Wednesday	<b>91 Days</b> of Teaching before End Semester Practical Exams
32)	End Semester Practical Exams	June 01, 2023 To June 09, 2023	Thursday To Friday	
33)	End Semester Examination	June 10, 2023 To June 30, 2023	Saturday To Friday	<b>117 Days</b> of Working in the Even Sem
34)	Summer Terms <b>(for Odd Sem)</b>	July 01, 2023 To July 15, 2023	Saturday To Saturday	
35)	Result Declaration	July 25, 2023	Tuesday	<b>Even Sem 2022-23</b>
36)	Summer Terms <b>(for Even Sem)</b>	July 27, 2023 To Aug 10, 2023	Thursday To Thursday	
37)	Summer College Examination	Aug 11, 2023 To Aug 31, 2023	Friday To Thursday	
38)	Industrial Training/ Projects	July 01, 2023 To July 31, 2023	Saturday To Monday	<b>01 Month</b>

# Colleges of the University

## College of Smart Computing

### Vision of the College

To be an institute of international repute, by providing quality education in management through innovations and continuous improvements.

### Mission of the College

1. To impart an education rooted in moral values as well as the latest knowledge and analytical skills.
2. To develop professionals with core and business competencies so that they can serve the society, industry and face global challenges
3. Taking an innovative approach to render quality services through advanced methods of training, research and strong institute - industry interface

### Message from the Desk of HoD

Greetings! On behalf of the faculty members, staff, and students of the College of Smart Computing at COER University, Roorkee, I welcome you all to the creative world of Computer Science and Engineering. I believe the CSE discipline has been widely recognized as an essential source and technique for the advancements in all spheres of human Endeavour now and in future. In COER UNIVERSITY, ROORKEE all the students get the opportunity to excel in their academic activities. This is the department where students publish research papers in international journals and publish patents, at the same time a student wishing to achieve some recognition in extra-curricular or co-curricular activities will also find the atmosphere helpful.



**Dr. Kamal Kant Verma**  
HoD  
College of Smart Computing

The College has well qualified and dedicated faculty. The department strives to Impart knowledge and training of the highest standard. The objective of the College is to prepare students for a successful career in Industry, Research and Academics to meet the needs of growing technology. Our efforts are to develop the ability among students to synthesize data and technical concepts for application to product design. We provide an opportunity for students to work as members of a team on multidisciplinary projects. College of Computing provides students with a sound foundation in the computing techniques, scientific & engineering fundamentals necessary to formulate, solve & analyze engineering problems and to prepare them for higher studies as well as research. We promote student awareness for life-long learning & to introduce them to professional ethics and codes.

The College of Computing has a dedicated block containing digital class rooms and laboratories with well-equipped audio/video facilities with high computing resources. Multiple labs, offices, and meeting spaces provide a basis for practical knowledge, along with other necessary infrastructure that includes advanced software and state-of-the-art hardware.

- **List of Programs**

Sr. No.	Programs Offered	Intake
1)	Bachelor in Computer Applications <b>(B.C.A.)</b>	120
2)	B.Tech. (Hons.) in Computer Science Engineering <b>{B.Tech. (H) CSE}</b>	180
3)	B.Tech. (Hons.) in Computer Science Engineering with specialization in A.I. and M.L. <b>{B.Tech. (H) CSE in AI &amp; ML}</b>	60
4)	B.Tech. (Hons.) in Computer Science Engineering with specialization in Cyber Security <b>{B.Tech. (H) CSE in Cyber Security}</b>	30
5)	B.Tech. in Computer Science Engineering <b>{B.Tech. CSE}</b>	180
6)	Masters in Computer Applications <b>(M.C.A.)</b>	30
7)	M.Tech. in Computer Science & Engineering <b>(M.Tech. in CSE)</b>	12
8)	Phd. in Computer Science & Engineering <b>(Phd. in CSE)</b>	10
<b>Total Intake</b>		<b>622</b>

- **List of Faculty Members**

Sr. No.	Name of the Faculty	Designation	Specialization
1)	Dr. Kamal Kant Verma	HOD	Machine Learning and Human Activity Recognition
2)	Dr. Sagar Gulati	Professor	Data Mining
3)	Dr Satyajeet Srivastav	Professor	Machine Learning
4)	Dr. Gesu Thakur	Professor	Data Structure & Algorithms
5)	Dr. Ankit Garg	Associate Professor	Image Processing
6)	Dr. Sunil Shukla	Associate Professor	Fractal Theory
7)	Dr. Anuj Kumar Singh	Associate Professor	Cryptography and Network Security
8)	Dr. Arun Pundir	Associate Professor	Machine Learning
9)	Dr. Bhupender Singh Rawat	Associate Professor	Cloud Computing
10)	Mr. Vijay Karnatak	Assistant Professor	Wireless Sensor Network
11)	Mr. Arjun Rai Dutta	Assistant Professor	WEB Development
12)	Mrs. Bhanupriya	Assistant Professor	Cloud Computing
13)	Ms. Diksha Dhiman	Assistant Professor	Artificial Intelligence
14)	Mr. Ravi Kumar	Assistant Professor	Data Retrieval

<b>15)</b>	Ms. Shivani Chauhan	Assistant Professor	Sign Language Recognition
<b>16)</b>	Dr. Mohit Gupta	Assistant Professor	Mathematics
<b>17)</b>	Dr. Sunita Rani	Assistant Professor	English & Communication
<b>18)</b>	Dr. Renu Chaudhary	Assistant Professor	Mathematics
<b>19)</b>	Ms. Neha Arora	Assistant Professor	Data Structure & C Programming
<b>20)</b>	Mr. Hemendra Sharma	Assistant Professor	Web Designing
<b>21)</b>	Ms. Neetu	Assistant Professor	IOT
<b>22)</b>	Mr. Anurag Singh	Assistant Professor	Computer Network, JAVA, Cyber Security, Operating System
<b>23)</b>	Ms. Nidhi	Assistant Professor	Big Data Analytics, IOT, Image Processing
<b>24)</b>	Mrs. Abhilasha	Assistant Professor	Cloud Computing
<b>25)</b>	Mrs. Neha Panwar	Assistant Professor	Image Processing
<b>26)</b>	Mr. Harsh Kumar Arya	Assistant Professor	Digital Marketing
<b>27)</b>	Mr. Kapil Kumar	Assistant Professor	Machine Learning
<b>28)</b>	Dr. Monika Chaudhary	Assistant Professor	Cloud Computing
<b>29)</b>	Ms. Shivani Kapoor	Assistant Professor	Literature
<b>30)</b>	Dr. Rupali Mishra	Assistant Professor	Physics

• **List of FDPs/ STPs Attended by Faculty Members**

Sr. No.	Faculty	Title	Organized by	Date/ Duration
1)	Dr Kamal Kant Verma	Developing Employable Skills	Education and Educational Management Department NITTTR Chandigarh	18 July 2022 to 22 July 2022
2)	Dr. Renu Chaudhary	Developing Employable Skills	NITTTR Chandigarh at University of Engineering and Technology.	18 July 2022 to 22 July 2022
3)	Mr. Kapil Kumar	Cloud Computing and its Application	National Institute of Technical Teachers Training & Research, Chandigarh	18 July 2022 to 22 July 2022
4)	Mrs. Anita Singh	Teaching and Learning Methodology Amid the Paradigm Shift in Higher Education	IQAC COER University under the aegis of USERC	July 24- 28, 2023
5)	Mrs. Nidhi	Teaching and learning methodology amid the paradigm shift in higher Education"	IQAC COER University under the aegis of USERC	24-7-23-29-7-23
6)	Dr. Rakhi Bhardwaj	Teaching and Learning Methodology Amid the Paradigm Shift in Higher Education	IQAC COER University under the aegis of USERC	July 24- 28, 2023
7)	Mr. Kapil Kumar	Cloude Application Development With Red Hat OpenShift (IBM)	GKU, Haridwar	25-09-23 to 29- 09-23
8)	Mr. Kapil Kumar	Data Analytics With Cognos (IBM)	COER University Roorkee	3-10-23 to 7-10- 23
9)	Mrs. Anita Singh	Data Analytics With Cognos (IBM)	COER University Roorkee	3-10-23 to 7-10- 23
10)	Dr. Renu Chaudhary	Recent Trends in Artificial Intelligence and Cyber Security	the department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram	01 Nov 2022 to 05 November 2022
11)	Dr. Sunil Shukla	Faculty Development Program on Recent Trends in Artificial Intelligence and Cyber Security	Shri Vishnu Engineering College for Women, Bhimavaram as a Resource Person	01-05 November 2022
12)	Dr. Renu Chaudhary	Cryptography and Network Security	NITTTR, Chandigarh.	14 Nov 2022 to 18 Nov 2022
13)	Dr Kamal Kant Verma	Cryptography and Network Security	NITTTR Chandigarh	14-18 Nov 2022
14)	Dr.Satyajee Srivastava	FDP on Python and Machine Learning	College of Computing.COER UNIVERSITY, ROORKEE	14 Nov. 2022 – 25 Nov. 2022

15)	Dr. Satyjee Srivastava	STC on Machine learning using Python	Organized by Department of Computer Science and Engineering, NITTTR, Chandigarh	21 Nov 2022 to 25 November 2022
16)	Mr. Vijay Karnatak	Awareness of electronics Tools for system design	G. Pulla Reddy Engineering College: Kurnool	28 Nov-3 Dec
17)	Dr. Kamal Kant Verma	Data Analytics With Cognos (IBM)	COER University Roorkee	3-10-23 to 7-10-23
18)	Mr. Ravi Psoval	Cloud Computing and its Application	G. Pulla Reddy Engineering College: Kurnool	28 Nov-3 Dec
19)	Dr. Renu Chaudhary	Cloud Computing and its Applications	G. PULLA REDDY ENGINEERING COLLEGE	28-Nov to 03-Dec-22
20)	Hemendra Shankar Sharma	Adoption of NEP modules in Academic Curriculum	Organized by department of computer science & Engineering, CUIET, Chitkara University, Punjab	30 Nov 2022 to 1 Dec 2022
21)	Dr.Satyajee Srivastava	Adoption of NEP modules in Academic Curriculum	Organized by department of computer science & Engineering, CUIET, Chitkara University, Punjab	30 Nov 2022 to 1 Dec 2022
22)	Mr. Vijay Karnatak	Introduction to IOT	E & ICT Academy, IIT Kanpur	12 Dec 2022 to 16 Dec 2022
23)	Mr. Kapil Kumar	Recent Trends in computer Science	Sairam Institute of Tehnology, Chennai	19-24 Dec 2022
24)	Mrs. Nidhi	Awareness of electronics Tools for system design	Sairam Institute of Tehnology, Chennai	19-24 Dec 2022
25)	Mr. Kapil Kumar	Introduction to IOT	G. Pulla Reddy Engineering College: Kurnool	20 Dec 2022- 24 Dec 2022
26)	Mrs. Nidhi	Recent Trends in computer Science	G.Pulla Reddy Engineering College	20-24 Dec 2022

- **List of MOOCs**

Sr. No.	Faculty	Title of the Course	MOOC Name	Date
1)	Dr. Renu Chaudhary	Discrete Mathematics	NPTEL	18/07/2022
2)	Dr. Anuj Kr. Singh	Introduction to Cybersecurity Tools & Cyber Attacks	Coursera (Online)	Jul-22
3)	Dr. Anuj Kr. Singh	Cybersecurity Compliance Framework & System Administration	Coursera (Online)	26/10/2022
4)	Bhanu Priya	Data Analytics with Specialization in Tableau	Jobaaj Learning	15/11/2022

5)	Mrs. Nidhi	Computer Vision- the Artificial Intelligence for an Eye	21-02-2022 to 26-02-2022	Dec-22
6)	Bhanu Priya	Python for data Science	NPTEL	Jul-23
7)	Anurag Singh	Cyber security and Privacy	NPTEL	Jul-23
8)	Anuj Rana	Digital circuits	NPTEL	Jul-23
9)	Dr. Kamal Kant Verma	Programming in Python	NTA (Swayam)	Sep-23

- List of Patents Filed**

Sr. No.	Faculty	Title	Patent Journal	Date of Publication
1)	Dr. Renu Chaudhary	Smart rain water harvesting system	28/2022	15.07.2022
2)	Dr. Renu Chaudhary	A machine learning and AI based approach for transceiving signal in 6G wireless communication network	27/2022	07.08.2022
3)	Dr. Renu Chaudhary	Sensor based detection system for vehicle	33/2022	19.08.2022
4)	Dr. Renu Chaudhary	Face recognition-based attendance management system	33/2022	19.08.2022
5)	Dr. Renu Chaudhary	A system and method for classifying bone marrow transplants to patients using AI and Machine Learning	49/2022	12.09.2022
6)	Dr.Satyajee Srivastava	Food Security Concerns Using Artificial Intelligence		23.9.2022
7)	Dr.Satyajee Srivastava	Artificial Intelligence and Deep-Learning Based Temperature-Controlled Standardized Cooking System and Method Thereof		23.9.2022
8)	Dr.Satyajee Srivastava	Real Time Financial Signal Presentation and Trading Using Neural Networks		14.10.2022
9)	Dr.Satyajee Srivastava	<u>A Machine Learning Based System for Automated Behavioural State Classification in Rats (Organism) and Method Thereof</u>		21.10.2022
10)	Dr.Satyajeet Srivastava	A Deep Learning Based Segmentation of Lithium-Ion Battery Microstructures		18.11.2022
11)	Dr. Sunita Rani	<u>A System &amp; Method for Inventory Control as Logistic Supply Chain Management Using IoT &amp; ML</u>		29.12.2022

<b>12)</b>	Dr. Anuj Kr. Singh	Responsible Artificial Intelligence Based System For Reduction Of Greenhouse Gas Emissions In 6g Networks		29.12.2022
<b>13)</b>	Dr. Muneesh Sethi, Manish Kumar, Gesu Thakur, Alok Kumar	<u>Amusement device for climbing</u>		29.12.2022
<b>14)</b>	Dr. Ankit Garg	<u>Responsible Artificial Intelligence Based System for Smart and Climate-Friendly Energy Production</u>		30.12.2022
<b>15)</b>	Dr. Muneesh Sethi, Manish Kumar, Gesu Thakur, Alok Kumar	Automated lower limb exercising device		30.12.2022
<b>16)</b>	Dr. Muneesh Sethi, Manish Kumar, Gesu Thakur, Alok Kumar	<u>Javelin throw training device</u>		30.12.2022
<b>17)</b>	Dr. Muneesh Sethi, Manish Kumar, Gesu Thakur, Alok Kumar	Wearable pet monitoring and securing device		30.12.2022
<b>18)</b>	Dr. Kamal Kant Verma	Interactive game using Maze		30.06.2023
<b>19)</b>	Dr. Kamal Kant Verma	Multiplayer game using Unity		30.06.2023
<b>20)</b>	Dr. Kamal Kant Verma	College Management System using facial recognition		30.06.2023
<b>21)</b>	Puja Das	Solar powered grass cutter, seed sowing, ploughing and mud removal machine		24.08.2023
<b>22)</b>	Mr. Ravi Kumar	Portable Device for Identification of Glaucoma at Early Stage		07.09.2023

- Conferences/Conferences Paper Attended by the Faculty**

Sr. No.	Faculty	Publication Title	Conference
1)	Dr. Sunita Rani	Krishna Srinivas "A Remarkable poet of Nineteenth Century with the study of Contemporary Theme in His poetry"	INCEED & SPACE
2)	Mr. Ankit Tomar, Dr. Bhaskar Pant, Dr. Vikas Tripathi, Dr. Kamal Kant Verma & Mr. Saurabh Mishra	Improving QoS of Cloudlet Scheduling via Effective Particle Swarm Model	Springer (Scopus) 2022
3)	Parul Chutani, Sagar Gulati, Neha Arora	High-end Image Classification on the Dogs vs. Cats Dataset Using Convolutional Neural Network	ICAES 2022
4)	Diksha Dhiman, Amita Bisht, Shauryadeep saxena, Kapil Joshi	Online fraud detection using machine learning	AISC 2022
5)	Amita Bisht, Diksha Dhiman, Kapil Joshi	Seniment Analysis using machine learning	IDEA 2k22
6)	K. Verma, Ravi Kumar	Optimization of Virtual Machines in Cloud Environment	International Conference on Artificial Intelligence of Things (ICAIoT)
7)	K. Verma	People counting using Supervised Learning based 2dCNN-LR Model in Complex Crowded Scenes	International Conference on Advancements and Key Challenges in Green Energy and Computing (AKGEC-2023)
8)	Bhupender Singh Rawat; Durgaprasad Gangodkar; Veera Talukdar; Komal Saxena, Chamandeep Kaur, Suryabhan Pratap Singh,	The Empirical Analysis of Artificial Intelligence Approaches for Enhancing the Cyber Security for Better Quality	IEEE Conference
9)	Avinash Kumar, Neetu, Santosh kumar, Savya Sachi, Anitsa Singh, MSR Prasad	A Discrete-Time Image Hiding Algorithm Transform using Wavelet and SHA-512	ICTACS-2023
10)	Anshoo Bhatia, Avnish Kumar, Neetu, Ashok Kumar, Savya Sachi, Santosh Kumar	Detection of Online Humiliation through Social Media Platforms using AI Inspired Algorithms	ICTACS-2023
11)	Neetu, Babita Rani Radwal, Savya Sach, Santosh Kumar, M.S.R Prasad, Satendra Kumar	AI - Inspired Algorithms for the Diagnosis of Diseases in Cotton Plant	UPCON-2023
12)	Neetu , Animesh Srivastava, Lal Bihari Barik, Shiv Ashish Dhondiyal	An Enhanced Secure Authentication Scheme for the Internet of things	ICAEIET-23
13)	Neetu, Animesh Srivatava, Dr. Bhupender Singh Rawat, Sant Kumar Maurya	A review on protecting SCADA systems from DDOS attacks	International Conference on Electronics and Sustainable Communication Systems (ICESC - 2023)

- **Book Chapters**

<b>Sr. No.</b>	<b>Author's Name</b>	<b>Chapter Title</b>	<b>Book Name</b>
<b>1)</b>	Sameeka Saini, Abhilasha Chauhan, Luxmi Sapra, Gesu Thakur	Emerging trends in security, cyber-crime, and digital forensics in context of internet of things	Internet of Things and Cyber Physical Systems: Security & Forensics
<b>2)</b>	Abhilasha Chauhan, Sameeka Saini, Luxmi Sapra, Gesu Thakur	Intrusion Detection Systems: A propos of internet of things	Internet of Things and Cyber Physical Systems: Security & Forensics
<b>3)</b>	Dr. Gesu Thakur et.al.	Challenges & opportunities in secure smart cities for enhancing the security and privacy (Springer Nature, Switzerland)	Technologies for Effective Planning & Management in Sustainable Smart Cities
<b>4)</b>	Dr. Gesu Thakur, Dr. Manish Kumar et.al.	Blending approach using IoT, ML, Blockchain, Big Data, 5G, to build ecosystem for cyber physical agriculture system (SCOPUS indexed)	Agri 4.0 & the Future of Cyber-Physical Agricultural Systems
<b>5)</b>	Dr. Gesu Thakur, Dr. Manish Kumar et.al.	Economic, Social and Technological Challenges in Agriculture 4.0 (SCOPUS indexed)	Agri 4.0 & the Future of Cyber-Physical Agricultural Systems
<b>6)</b>	Ankit Garg, Anuj Kumar Singh	Internet of Things (IoT): Security, Cybercrimes and Digital Forensics	Internet of Things and Cyber Physical Systems: Security & Forensics
<b>7)</b>	Dr. Kamal Kant Verma	A Six-Stream CNN Fusion Based Human Activity Recognition on RGBD Data: A Novel Framework	Book Chapter in "Challenges and Applications of Hand Gesture Recognition" published by IGI-Global USA, & indexed in SCOPUS database.
<b>8)</b>	Kamal Kant Verma, Ravi Kumar, Shivani Chauhan, Sagar Gulati, Brij Mohan Singh & Mridula	Optimization of Virtual Machines in Cloud Environment	Artificial Intelligence of Things

- **Research Papers**

<b>Sr. No.</b>	<b>Research Paper Title</b>	<b>SCI/ SCOPUS/ UGC/ Peer Reviewed</b>	<b>Publication Year</b>
<b>1)</b>	Athavale V. A., Harit V., Yadav A., Karnataka V. "An Evaluation and Adaptation of Block Chain in Cloud Funding", Neuroquantology, 2022	SCOPUS	July 2022
<b>2)</b>	Singh Neetu "Accelerating Materials Discovery using Synthetic Intelligence, High Overall Performance Computing and Robotics, Vol. 20, # 9, 2022	SCOPUS	Sept. 2022
<b>3)</b>	Rani S., Garg A., Krishna C., Kumar A. "Tax on Digital Goods in India as a Part of an Entrepreneurial Start Up", Neuroquantology, Vol. 20, # 14, 2022	SCOPUS	Oct. 2022
<b>4)</b>	Kashyap T., Thakura R., Sethi M., Tripathi R. K., Thakur A., Kumar S., Kumar P., Goela B., Chand S., "The Influence of Reflector on the Thermal Performance of Single and Double Pass Solar Air Heater: A Comprehensive Review", Materials Today Proceedings	SCOPUS	24.09.2022
<b>5)</b>	Sethi M., Singh Kumar A., Tripathi R. K., Kumar A., Kumar S., Thakur A., Goel B., Kashyap T. & Sharma V. K., "Influence of Distinct Baffles Type Turbulence Promoter on the Thermohydraulic Efficiency of Solar Air Heater", Materials Today Proceedings	SCOPUS	24.09.2022
<b>6)</b>	Sharma R., Thakur G., Dutt S., Bhardwaj S., Mittal M. and Suyal P. "A Novel Soft Classification Approach to Detect Object for Multi-Spectral Satellite Imagery", Journal of North Eastern University, Vol. 25, # 2, 2022	SCOPUS (Q4)	Nov. 2022
<b>7)</b>	Garg A. and Singh A. "Performance Analysis of Seam Diversion Based Image Retargeting Algorithm Based on Edge Detection Operators", Multimedia Tools & Applications, 2022	SCI	Nov. 2022
<b>8)</b>	Singh A., Nayyar A. and Garg A. "A Secure Elliptic Curved Based Anonymous Authentication & Key Establishment Mechanism for IoT and Cloud", Multimedia Tools & Applications, 2022	SCI	Nov. 2022
<b>9)</b>	Harit V., Karnataka V., Gupta A., Chandhok J. & Singh S. "Malware Detection System using Machine Learning and HoneyPot Technique", Neuroquantology, 2022	SCOPUS	Nov. 2022
<b>10)</b>	Rani Sunita, Garg Ashima, Gupta Rashmi and Jakhar Renu, "Employability Skills and Communication in Professional Life: The Relation of Students & Teachers as a Strong Bond of Professionalism", Vol. 6, # 7, 2022	SCOPUS	2022

- **Other Activities at SoC**

Sr. No.	Activity	Resource Person	Date	Coordinated By
1)	Social Science and Humanities	Dr. Sunita Rani	26,Aug,22	Dr. Sunita Rani
2)	Bootstrap	Mr. Hemendra Sharma	27,Aug,22	Mr. Hemendra Sharma
3)	Python	Mr. Hunny Tyagi (Zenus Infotech India Pvt. Ltd)	02,Sep,22	Mr. Arjun Rai Dutta
4)	Web Designing and Development	Mr. Arjun Rai Dutta	15,Sep,22	Mr. Arjun Rai Dutta
5)	Network Security	Mr. Bhupal Arya	29,Sep,22	Mr. Bhupal Arya
6)	Computer Vision	Dr. Ratnesh Prasad (Assistant Prof. COT, GBPUA&T)	4, Oct,22	Mrs. Neha
7)	Social Science and Humanities	Dr. Sunita Rani	6,Oct,22	Dr. Sunita Rani
8)	Data Science Using R	Dr. Satyajee Srivastava	8,Oct,22	Dr. Satyajee Srivastava
9)	Soft Skill (Social Science and Humanities)	Dr. Binod Mishra (Prof. IIT Roorkee)	14,Oct,22	Dr. Sunita Rani
10)	Human Activity Recognition in Videos using Deep learning	Dr. Kamal kant Verma	17th - 19th Oct,22	Dr. Pushpa Jhaba
11)	Deep Learning	Dr. Suyash Bhardwaj (Assistant Prof. GKU, Haridwar)	31,Oct,22	Mr. Kapil Kumar
12)	Cloud Computing	Mrs. Bhanu Priya	01,Nov,22	Mrs. Bhanu Priya
13)	Ambiyuous Set Teory: Application in Biomedical image data Clustering	Dr. Preet Pal Singh (Assistant Professor) Central University of Rajsthan	18-Feb-2023	Dr. Kamal Kant Verma

<b>14)</b>	MTA India Noida	Mr. Anil Kumar Soni	20-Feb-2023	Mr. Hemendra Sharma
<b>15)</b>	CETPA Infotech PVT. LTD Wrokshop on Full Stack	Dr. Kamal Kant Verma	25-Feb-2023	Dr. Kamal Kant Verma
<b>16)</b>	Block Chain Technology	Dr. Mayank Aggrawal (Assistant Professor, Gurukul Kangri University)	3-Mar-23	Dr. Kamal Kant Verma
<b>17)</b>	Machine Learning	Dr Partha Pratim Roy Associate Professor IIT Roorkee	7-Mar-23	Dr Kamal Kant Verma
<b>18)</b>	R Programming	Dr Siddartha Khare Assistant Professor Civil Department IIT Roorkee	13-Mar-2023	Dr Kamal Kant Verma
<b>19)</b>	Cloud Computing	Dr. Swati Rawat(Assistant Professor, Maharishi Markendeshwar University Ambala	14-Mar-2023	Ms. Diksha Dhiman
<b>20)</b>	Wireless Network	Dr. Umang Garg (Assitant Professor, Graphic ERA University)	22-Mar-2023	Mr. Vijay Karnatak
<b>21)</b>	Full stack development	Mr. Moshin Ahamd Developer credible academy	28-Mar-2023	Dr. Gesu Thakur
<b>22)</b>	Cyber Security	Dr Ankit Jain Associate Professor NIT Kurukshetra	31-Mar-2023	Dr Kamal Kant Verma
<b>23)</b>	Internet of Things	Dr. Prashant Kumar (Professor, NIT Jalandhar)	04-Apr-2023	Mr. Kapil Kumar
<b>24)</b>	Professional Skill	Mr. Sohan Aswad (Telus International)	08-Mar-2023	Dr. Bhupendra Rawat
<b>25)</b>	Information And Communications Technology	Dr. Nagendra (Professor, IIT Roorkee)	10-Mar-2023	Dr. Sunita Rani
<b>26)</b>	Digital Humanities	Dr. Binod Mishra (Professor, IIT Roorkee)	15-Mar-2023	Dr. Sunita Rani
<b>27)</b>	AIML	Saurabh sharma Developer SB Infotech Pvt. Ltd. Noida	03-Apr-2023	Ms. Shivani Chauhan
<b>28)</b>	Role of ML in Industries	Professor. Dr. Himani (PHD from IIT Roorkee)	10-Apr-2023	Dr. Sunil Shukla

## College of Business Studies

### Vision of the College

To promote innovation-centric education, become a centre of excellence to international standards, perform research in pace with industrial development, producing 'life and career ready' professionals.

### Mission of the College

- ✦ To develop the professionals having basic and advanced competencies so that they can serve Society & Industry and face global challenges.
- ✦ To impart education based on the latest knowledge, with analytical and experimental skills, through advanced methods of training, research and a strong Institute-Industry interface.
- ✦ To create an innovative and entrepreneurial ecosystem.
- ✦ To promote research/based projects/activities in emerging areas.
- ✦ To foster the science of creativity and educate ownership for sustainable & scalable ventures.
- ✦ To inculcate strong moral values and integrative thought processes for disciplined professional growth and instil lifelong learning.

### Message from the Desk of Dean

To serve the industry by promoting Industry-academic interactions through dissemination of knowledge and professional services.

I am extremely proud of the rich tradition of providing practical, experience-based business education with value-based education. We are here to prepare our students to become leaders with the moral depth and rational intensity to meet the challenges of a time of critical situations in the world. This annual report provides a glance through various activities, events, both academic and co-curricular activities of College of Business Studies.



**Dr. Veeralakshmi B.**  
HoD (Deptt. of Management)  
College of Business Studies

At COER UNIVERSITY, ROORKEE's Business College, we focus on the principles of responsible business, policy and practice. This vision enables us to equip our students with the skills to evolve into global citizens, capable of addressing the pressing needs of society.

We believe that well-rounded, high-quality education is the key to produce empowered students who can face the challenges of the corporate world with creative solutions and sharp intuition. Our curriculum reflects the needs of present-day dynamic business and the current economic scenario in an effort to prepare a breed of professionals who have the skills and spirit to stand out in the business arena.

The College offers ultra-modern facilities such as well-equipped classrooms with digital/ smart boards, discussion rooms for breakaway groups and a fully WI-FI- enabled environment. State - of - the - art computer laboratories are also available to students at all times.

- **List of Programs**

Sr. No.	Programs Offered	Intake
1)	Bachelor of Business Administration ( <b>B.B.A.</b> )	180
2)	Bachelor of Commerce with Computerized Financial Accounting{ <b>B.Com. (CFA)</b> }	60
3)	Master's in Business Administration ( <b>M.B.A.</b> )	180
4)	Bachelor of Commerce with Honours ( <b>B.com Hons.</b> )	120

### List of Faculty Members

Sr. No.	Name of the Faculty	Designation	Specialization
1)	Dr Rajesh Upadhyay	Ph D	HR
2)	Dr Veeralakshmi B	Ph D	Finance
3)	Dr S K Gaur	Ph D	Marketing
4)	Dr Ravindra Saini	Ph D	Commerce
5)	Dr Sachin Chauhan	Ph D	Marketing
6)	Dr Aruna Bhat	Ph D	HR
7)	Dr Md Shiraz	Ph D	IB
8)	Dr Shruti Jain	Ph D	Commerce
9)	Dr Himani Sharma	Ph D	Finance
10)	Dr Neha Kaushik	Ph D	Finance
11)	Dr Kamal Kant Tyagi	Ph D	HR
12)	Dr Sweta Gaur	Ph D	Fin & HR
13)	Ms Chhavi Krishna	Ph D Submitted	HR
14)	Mr Amit Kumar	M.com MBA	Commerce & Fin
15)	Ms Preeti Sharma	M.com	Commerce
16)	Ms Shalini Tyagi	MBA M.com , Pursuing Ph D	HR Commerce
17)	Ms Mahima Shivani	M.com , Pursuing Ph D	Commerce

18)	Mr Prakash Bhatnagar	MBA, Pursing Ph D	Finance
19)	Mr Ankit Pal	MBA, Pursing Ph D	Finance
20)	Mr Sourabh Poswal	MBA, Pursing Ph D	IT
21)	Ms Sonam Gaur	MBA, Pursing Ph D	Finance & HR
22)	Ms Vaishali	MBA	Finance

• **List of MDP's/ FDP's Attended by Faculty Members**

Sr. No.	Faculty	Title	Organized by	Date
1)	Ms. Shalini Tyagi	Advanced Research Methodology	Jamia Hamdard	17/12/2021
2)	Mr. Khaliqur Ansari	Introduction to People Analytics	CoursERA	15/04/2021
3)	Ms. Chhavi Krishna	Strategic Management Performance	Xavier Institute of Social Service	21/09/2021
4)	Ms. Chhavi Krishna	Sustainable Change Management in Technical Institutes for NEP 2020 Implementation	Govt. Engg. College, Bilaspur	23/08/2021
5)	Ms. Chhavi Krishna	Imparting Soft Skills & Life Skills for Holistic Development	Krishnammal College for Women	06/09/2021
6)	Dr. Ashima Garg	Strategic Management Issues in Technical Institutions	N.I.T.T.T.I., Kolkata	27/12/2021
7)	Dr. Ashima Garg	Social Enterprise Management and Self-Reliant India	MEF Group of Institutions - FMS	17/05/2021
8)	Dr. Ashima Garg	Moral Values, Attitude and Workplace Behavior	G.L. Bajaj Instt. of Technology & Mgmt.	27/07/2021
9)	Dr. Sudhir K. Gaur	Community Managed Rural Water Supply	N.I.R.D.P.R.S.	05/07/2021
10)	Dr. Sudhir K. Gaur	Agricultural Value Chain Financing		13/07/2021
11)	Dr. Sudhir K. Gaur	Planetary Health in Disasters and Emergencies	SRM Instt. of Sci. & Tech., Chennai	10/05/2021
12)	Dr. Sudhir K. Gaur	Promoting Healthy Living and Better Life Style	DAV College for Women, Chandigarh	08/05/2021

13)	Dr. Sudhir K. Gaur	Data Analysis using MS Excel	Karnataka	17/06/2021
14)	Dr. Veera Lakshmi B.	Key to Success	SKY Campus	08/06/2021
15)	Dr. Veera Lakshmi B.	Stock Markets	SHINE Projects	08/06/2021
16)	Dr. Veera Lakshmi B.	Vaccine Patent Waiver: A Step Towards COVID Free World	S.V.S. University, Haryana	15/06/2021
17)	Dr. Veera Lakshmi B.	Yoga for Adolescent	Red Cross Society and NRYF	20/06/2021
18)	Dr. Veera Lakshmi B.	COVID 19 Contact Tracing	CoursERA	15/03/2021

- **List of Journals Research Papers**

Sr. No.	Faculty	Title	Journal
1)	Upadhyay, R. K., Yadav, B. S., & Ansari, K. R.	Work spirituality and organisational commitment: an Indian tourism perspective.	International Journal of Business Excellence, 30(2), 257-271.
2)	Agarwal, P., Upadhyay, R. K., Anuj, & Sagar, V.	Workplace ergonomics and job stress among academicians of higher education: an Indian perspective.	International Journal of Business Innovation and Research, 31(3), 295-316
3)	Paul, S. N., Upadhyay, R. K., & Garg, A.	Antecedents of Investment Decision-Making in Mutual Fund: An Indian Perspective.	DLSU Business & Economics Review, 32(2), 161-173.
4)	Chugh, M., Upadhyay, R., & Chugh, N.	An Empirical Investigation of Critical Factors Affecting Acceptance of E-Learning Platforms: A Learner's Perspective.	SN Computer Science, 4(3), 240.
5)	Veeralakshmi, Krishna., Upadhyay .R., Ansari K.R.	"Transformational Leadership And Employee Retention: A Moderated Mediation Model Of Intrinsic Motivation And Perceived Organisational Support"	International journal of learning and intellectual capital, Inderscience 2022
6)	Veeralakshmi, Priyanka, Upadhyay Monika	"Investigating the Determinants of Sustainable Organizational Change Perception among Millennial Generation: An Evidence- Based Study"	International journal of learning and intellectual capital, Inderscience 2022

<b>7)</b>	Garg,Kumar,Veeralakshmi B.	"Analysis of Organizational Role Stress among University Teachers in Haryana State with respect to Nature of Job" Management Challenges and Opportunities: During and after Pandemic Situations,	ISBN: 978-93-90728-58-9,2022
<b>8)</b>	Veeralakshmi et al.,	The potential impact of COVID-19 on Indian Economy and Trade	Anwesh : International Journal of Management and Information Technology, March (2022).
<b>9)</b>	Aruna, B.	Self Employment and Women Entrepreneurship: A Theoretical Perspective with reference to Indian Market	Recent Advancements and Innovations in Management 2023 on April 18-19, 2023
<b>10)</b>	Sachin Chauhan	"Revisiting the origin of organic food, its advantages related to human health and anticipated scope in future"	Neuro Quantology, Volume 20, Issue 11,2022 Scopus Indexed Journal [eISSN1303-5150].
<b>11)</b>	Sachin Chauhan	"Ethical Consumerism: A Sustainable Paradigm for Preferring Organic Products"	International Journal of Food and Nutritional Science, UGC Care Listed (Group-I) Journal [ISSN: 2320-7876].
<b>12)</b>	Sachin Chauhan	"The Role of Business and Artificial Intelligence in Direct Marketing"	The British Journal of Administrative Management, ABDC Journal [ISSN: 1746-1278].
<b>13)</b>	Chhavi Krishna et al.,	"The role of leadership development program/HRM in enhancing employee retention: A literature review"	South India journal of social sciences ( UGC care)
<b>14)</b>	Chhavi Krishna et al.,	Transformational leadership and employee retention: a moderated mediation modal of intrinsic motivation and perceived organizational support	International journal of learning and intellectual capital (January -2022) (Scopus)
<b>15)</b>	Shalini	A study of Organisational Citizenship Behaviour on Employee Motivation: A Literature Review	Anwesh (March 2023)
<b>16)</b>	Shalini	A study on impact of transformational leadership on Employee turnover and job satisfaction : A Literature Review	Anwesh September (2022)
<b>17)</b>	Shalini et al.,	The potential impact of COVID-19 on Indian Economy and Trade	Anwesh : International Journal of Management and Information Technology, March (2022)
<b>18)</b>	Saurabh Poswal	Micro Moments: Marketing strategy in a mobile world,	Shodh Prabha,( UGC -CARE LISTED JOURNAL,Page No.-118-122, 2023

<b>19)</b>	Preeti Sharma et al.,	"A study of factors affecting consumer shopping behavior in reference of female consumer in market place: A literature review	South India journal of social sciences ( UGC care)
<b>20)</b>	Ankit Pal et al.,	Effective Communication Is A Key Tool For Success, To Achieve This How To Overcome Barriers In Communication	eISSN: 1303-5150 Neuroquantology   November 2022   Volume 20   Issue 17   Page 65-71   Doi: 10.14704/Nq.2022.20.17.Nq880

- **List of Conference Paper**

Sr. No.	Faculty	Title of the Course	Conference Name	Date
1)	Veeralakshmi B.	An Assessment of Tourism Policies of Government for Sustainable Growth of Indian Economy.	International conference on sustainability and recent trends in tourism and hospitality sector: concept prospect innovation, Dev Sanskriti Vishwavidyalaya, Haridwar)	October 2023
2)	Sachin Chauhan	BRICS International Symposium on "Ethics: An Inevitable Paradigm for Sustaining Peace and Building Border Security"	National Forensic Science University, Delhi.	May 4 & 5, 2023
3)	Sweta	"A study on effect of implementation of Total Quality Management practices on Employee performance in automotive companies in Uttarakhand"	E-conference on Organizational Renaissance in the post-covid era organized by the Delhi Institute of Advance Studies	
4)	Prakash Bhatnagar	An analysis of the relationship between green finance and the growth of sustainable tourism in uttarakhand:A comprehensive literature review	International conference on sustainability and recent trends in tourism and hospitality sector: concept prospect innovation	

• **Conferences/ Workshop/ Seminar/ Webinar Organized by the College**

Sr. No.	Title	Delivered by/ Activities	Remarks
1)	Aazadi ki Amrit Mahostav	Curricular events Essay Writing, Singing, Dance, Quiz, Skit, Speeches, Marathon and Poster Competition	On 10 Aug to 15 August 2022
2)	Student Development Program	Dr. Bhupendra, Debre Tabor University, Ethiopia	On 16-17 Aug 2022
3)	Faculty Development Program	Dr. Bhupendra, Debre Tabor University, Ethiopia	On 18-19 Aug 2022
4)	Expert Lecture on World Entrepreneurs Day	Dr Veeralakshmi, Professor COER UNIVERSITY, ROORKEE	On 21 Aug 2022
5)	Workshop on Entrepreneurial Finance	Mr Ankit Pal, Assistant Professor, COER UNIVERSITY, ROORKEE	On 25 Aug 2022
6)	Student Development Program	Dr. S. P. Gupta, Vice Chancellor, COER UNIVERSITY, ROORKEE	On 14 Sept 2022
7)	An interaction on Research among faculty	Dr. Rajat Agrawal, DOMS IIT, Roorkee	On 1 Oct 2022
8)	Pariksha pe Charcha	Mr. Prakash Bhatnagar, Assistant Professor, COER UNIVERSITY, ROORKEE	On 15 Oct 2022
9)	Workshop on Social Entrepreneurship, Sustainability and Rural Engagement	Dr. Sanjay Kumar Agarwal, Resource Person (MGNRE. GOI)	On 12 Nov 2022
10)	Financial Education for Young Citizen	Dr. Sanjay Kumar Agarwal, Resource Person (NISM)	On 17-18 Nov 2022
11)	Stake Holders Interaction, SOB	Parents, Faculty and Corporate	On 19 Nov 2022
12)	Skills, Grooming and Carrier Planning	Dainik Jagaran and Gillete Guard	On 21 Nov 2022
13)	Workshop on Tally	Dr. Shruti, Ms Mahima, Mr Amit Kumar	On 24-26 Nov 2022
14)	How to Write Review Paper on Bibliometrics	Dr. Himani Sharma	On 23 Jan 2023
15)	Food without Fire	Dr. Shruti and Students of SOB	On 22 Feb 2023
16)	Seminar on G-20 Awareness	Dr. Kamal Kant Tyagi, Assistant Professor, COER UNIVERSITY, ROORKEE	On 20 Apr 2023
17)	Digital Marketing Scope Skill and Benefits	Dhruti Rawal (We viral)	On 02 May 2023
18)	Jal hi Jewan (Protect our River Treasure: A Community Development Programme )	Dr. Veeralakshmi B., Dr. Himani Sharma, Ms Mahima SOB Faculty, COER UNIVERSITY, ROORKEE	On 9 May 2023
19)	Workshop: Hands on Advance Excel	Tejpal Sehegal (Excel Trainer CETPA, Roorkee)	On 12 May 2023
20)	Workshop on Research Methodology	Dr. Himani Sharma, Assistant Professor, COER UNIVERSITY, ROORKEE	On 15 May 2023

<b>21)</b>	Seminar on G-20 Awareness (Get a Life Promoting Eco-friendly Life Style)	Dr. Deep Gupta, Professor, SOA,COER UNIVERSITY, ROORKEE	On 20 May 2023
<b>22)</b>	Workshop: Hands on Training-SPSS	Dr. Veeralakshmi B., Dr. Sachin Chauhan, Dr. Aruna Bhat, Dr. Shruti Dr. Himani Sharma, SOB Faculty, COER UNIVERSITY, ROORKEE	On 23-27 May 2023
<b>23)</b>	Workshop on Business Plan	Dr. Veeralakshmi B., Proffesor, COER UNIVERSITY, ROORKEE	On 30 May 2023

### Student Project Details

<b>Sr. No.</b>	<b>Name of the Student</b>	<b>Guide</b>	<b>Title of the Project</b>
1)	Mr. Abhishek Jain	Dr. Himani Sharma	A Community Project on College Education
2)	Ms Kirti Agarwal and Ms Afsari	Dr. Veeralakshmi B.	Virtual Banking: An Analysis on E-banking Services
3)	Mr. Harshit Chaudhary	Dr. Manu Gupta, (DOMS, IIT Roorkee)	Competitive Webroming through the lens of PPM Framework

## College of Agricultural Science

### Vision of the College

To produce agricultural graduates with high knowledge and competence by imparting practical technical education through innovative and analytical approach with an objective to create valuable manpower for sustainable agriculture, Argo- Industry and contribution to the society.

### Mission of the College

- ✦ An integrative educational experience that blends fundamentals, research, & hands-on experience.
- ✦ Distinctive academic curriculum designed through the interaction with the major stake-holders like industry and professional societies.
- ✦ The state-of-the-art facilities and effective delivery of high-quality content by qualified faculty members who ensure the notion of lifelong learning.
- ✦ Promotion of exchange of scholars and students with international and national academic and research institutions.
- ✦ Scholarly activities that create and transfer new knowledge in the area of engineering and technology.
- ✦ Inculcating a high regard for ethical principles and an understanding of human and environmental realities.
- ✦ Promote research and training on sustainable development of the agricultural productivity, cost reduction in farming, farm mechanization and livestock production.

### Message from the Desk of HoD

I am pleased to share the College of Smart Agricultural Science impact report with you. It summarizes our accomplishments of the year and gives us the opportunity to reflect on the tremendous progress that the College continues to make. Enrolments are robust, student engagement in experiential learning is high and faculty member remain deeply engaged in impactful research and teaching activities.



**Dr. Jagatpal**  
**HEAD**

College of Agricultural Science

Our large array of College supporters gives generously of their financial resources, time and expertise to ensure we fulfil our mission and deliver a top-flight educational experience. Thank you for your partnership and your commitment.

In the past few years, we have overcome significant obstacles. We have emerged from these trials strong and now is the opportunity to appreciate where we have been and chart the next phase of success for the College of Smart Agricultural Science.

The College offers ultra-modern facilities such as well-equipped classrooms with digital/ smart boards, discussion rooms for breakaway groups and a fully Wi-Fi-enabled environment. State-of-the-art computer laboratories are also available to students at all times.

The College of Smart Agricultural Science at COER UNIVERSITY, ROORKEE was established with a focus on serving the nation through innovative, competitive, commercially oriented and scientifically sound agricultural practices. We strive to raise a generation of first-rate agricultural entrepreneurs and agribusiness managers who manage and conserve agriculture products while paving the new, scientific way for sustainable agriculture.

We hope to speed up developments in the field through thorough research activity and extension activities in agriculture at the National and International levels. COER UNIVERSITY, ROORKEE has collaborated with Kuban State Agrarian University (KUBSAU), Krasnodar, Russia for Training, Internship and research. The impact of agricultural education will soon pave the way towards the development of a new breed of entrepreneurs, increased employment opportunities, higher earnings and a better work environment.

College of Smart Agricultural Science is UGC-recognized, with its graduates eligible for employment anywhere in the country & abroad. There are multiple well-equipped labs with the necessary field equipment & research facilities for demonstration and independent project work.

### List of Programs

Sr. No.	Programs Offered	Intake
1)	Bachelor of Science in Agriculture { <b>B.Sc. (Agri.)</b> }	60
2)	Master of Science in Agriculture { <b>M.Sc. (Agronomy)</b> }	18
3)	Doctor of Philosophy{ <b>PhD (Agronomy)</b> }	04

### List of Faculty Members

Sr. No.	Name of the Faculty	Designation	Specialization
1)	Dr. Jagatpal	Asstt. Professor&HoD	Agriculture Extension
2)	Dr. Pashupati Nath	Asstt. Professor	Environmental Science
3)	Dr. Induja Mishra	Asstt. Professor	Environmental Science
4)	Mr. Pradeep Kumar Verma	Asstt. Professor	Agricultural Entomology
5)	Er. Gaurav Tomar	Asstt. Professor	Agriculture Engineering

6)	Mr. Brijveer Singh	Asstt. Professor	Agronomy
7)	Dr. Deep Gupta	Professor	Environmental Science

### List of MDP's/ FDP's Attended by Faculty Members

Sr. No.	Faculty	Title	Organized by	Date
1)	Dr. Pashupati Nath	Scaling Up Agricultural & Allied Sciences Education & Research with New Methodologies	COER UNIVERSITY, ROORKEE, Roorkee	21/03/2022
2)	Dr. Pashupati Nath	Recent Advances in Renewable Technologies for Sustainable Development	COER, Roorkee	04/04/2022
3)	Dr. Jagat Pal	Scaling Up Agricultural & Allied Sciences Education and Research with New Methodologies	COER UNIVERSITY, ROORKEE, Roorkee	21/03/2022
4)	Dr. Induja Mishra	Scaling Up Agricultural & Allied Sciences Education and Research with New Methodologies	COER UNIVERSITY, ROORKEE, Roorkee	21/03/2022
5)	Dr. Induja Mishra	Recent Advances in Renewable Technologies for Sustainable Development	COER, Roorkee	04/04/2022
6)	Dr. Induja Mishra	Startup and entrepreneurship	COER, Roorkee	08/01/2022
7)	Dr. Pashupati Nath	Startup and entrepreneurship	COER, Roorkee	08/01/2022
8)	Dr. Pashupati Nath	Agro-forestry and its management	MANAGE	21/09/2022
9)	Dr. Induja Mishra	Agro-forestry and its management	MANAGE	21/09/2022
10)	Dr. Induja Mishra	Sustainable Development and Management for Agriculture, Health and Nutrition, Livelihood and Environment Security in Bihar	L.N.D. College , Motihari, Bihar	09/07/2022
11)	Dr. Pashupati Nath	Sustainable Development and Management for Agriculture, Health and Nutrition, Livelihood and Environment Security in Bihar	L.N.D. College , Motihari, Bihar	09/07/2022
12)	Dr. Pashupati Nath	Developing Employable Skills	NITTR	22/07/2022
13)	Dr. Jagatpal	Developing Employable Skills	NITTR	22/07/2022
14)	Dr. Induja Mishra	Developing Employable Skills	NITTR	22/07/2022
14)	Dr. Induja Mishra	Indian Science Congress, 2023	ISCA	03/01/2023
14)	Dr. Pashupati Nath	Indian Science Congress, 2023	ISCA	03/01/2023

## List of Training Attended by Faculty Members

Sr. No.	Faculty	Title	Organized by	Date
1)	Dr. Pashupati Nath	One Day Seminar on Startup & Entrepreneurship	COER, Roorkee	08/01/2022
2)	Dr. Pashupati Nath	One Day Tech Fest on National Science Day on the topic Digital Farming	COER, Roorkee	28/02/2022
3)	Dr. Induja Mishra	Webinar on Hatching/ Breeding Technologies of Pangasius & Fresh Water Ornamental Farming	MARSO Aqua Clinics	18/02/2022
4)	Dr. Induja Mishra	Seminar on Start Up an Entrepreneurship	COER, Roorkee	08/01/2022
5)	Dr. Induja Mishra	One Day Tech Fest on National Science Day on the topic Recirculating Aquaculture & Aquaponics System	COER, Roorkee	28/02/2022
6)	Dr. Pashupati Nath	Social stock exchange for empowering public action: Idea, Opportunity and Apprehensions	NIRD, Hyderabad	14/08/2023

## List of Journals Research Papers

Sr. No.	Faculty	Title	Journal
1)	Kumar Kishor Nath Pashupati Fartyal R. S.	Population Ecology of the Dipteran Fauna of the Nanda Devi Biosphere Reserve, Western Himalaya, India	Journal of Environment & Biosciences, Vol. 35 (2), pp 115-125
2)	Mishra Induja Nath Pashupati Joshi Namita Joshi B. D.	Bio-Pesticides and Bio-Fertilizers & Their Potential Impact on Sustainable Agriculture: A Critical Review	Biopesticides International 18, SCOPUS, pp 1-8
3)	Nautiyal Diksha, Bankoti, Priyanka, Phaugat Manisha	Effect of different level of fly ash and NPK on growth and yield of kidney bean <i>Phaseolus vulgaris</i>	The Pharma Innovation Journal, 2022, 11(9S): 3087-3090
4)	<b>Nath P, Mishra I,</b> Manisha, Gupta M, Singh J And Joshi N	An Overview On Consumption And Utilization Pattern Of Chemical Pesticides And Bio Pesticides In Different States Of India.	Bio-pesticides International, SCOPUS, pp1-8
5)	Kishor Kumar, K. S. Kanwal, <b>Pashupati Nath</b> and R. S. Fartyal	Assessment of Diversity and Flower Visiting Frequency of the Insect Pollinators Associated with the Lemon (Citrus lemon) Flowers in the Kullu Valley, Himachal Pradesh.	Jou. Env. & Bio Sci. Vol: 37 (1) 5-10
6)	Induja Mishra, Namita Joshi, Pashupati Nath and B. D. Joshi	Length- and Weight-Related Variations in Hematological Parameters of <i>Heteropneustes fossilis</i> (Bloch.)	Jou. Env. & Bio Sci. Vol: 37 (1) 33-38
7)	Pradeep K Verma, Jagatpal	Check-list of butterflies (Lepidoptera) in Agra District of Uttar Pradesh	The Pharma Innovation Journal, 2023
8)	Joshi PC, Nath P, Joshi N and Mishra I	Status, Conservation and economic importance of Oak Tasar Silk Worm, <i>Antheraea proylei</i> (LEPIDOPTERA: SATURNIIDAE) in western Himalayan Region of India	Biodiversity threats and conservation. (CRC Press)
9)	B. D. Joshi, Induja Mishra, Namita Joshi, and Pashupati Nath	Erythrocytes as an indicator of diseases in a fresh water catfish <i>Heteropneustes fossilis</i> (Bloch).	Biodiversity threats and conservation. (CRC Press)
10)	Induja Mishra and Pashupati Nath	Biotechnological aspects, role and application of PGPR	Biotechnology in Environmental Remediation Wiley-VCH, Germany ( <a href="https://www.wiley-vch.de/en/">https://www.wiley-vch.de/en/</a> ).

## List of Articles Published in Newsletters

Sr. No.	Faculty	Title	Newsletter
1)	Dr. Jagat Pal Dr. Rohit Bajpai Dr. Devraj Singh	Necessity of Integrated Pest Management in Sugarcane Cultivation	Times of Agriculture
2)	Dr. Jagat Pal Dr. Rohit Bajpai Dr. Pankaj Kumar Dr. Devraj Singh Dr. D. P. Mishra	पौष्टिकता से भरपूर लौकी की खेती	कृषक अराधना
3)	Dr. Pankaj Kumar Dr. Rohit Bajpai Dr. Jagat Pal Dr. Devraj Singh	जीवमृत का उपयोग कर अपनी भूमि को दें जीवनदान	कृषक अराधना
4)	Dr. Rohit Bajpai Dr. Jagat Pal Dr. Pankaj Kumar Dr. D. P. Mishra Dr. G. C. Yadav	बाग में अकृत रोग एवम् कीट प्रबंधन	कृषक अराधना
5)	Dr. Pankaj Kumar Dr. Jagat Pal Dr. Rohit Bajpai	पॉलीथीन थाली एवम् रूट पनीर में उद्यान की फसलों की पौध तैयार करना	कृषक अराधना
6)	Dr. Rohit Bajpai Dr. Jagat Pal Dr. Pankaj Kumar Dr. D. P. Mishra Dr. G. C. Yadav	टमाटर की खेती से करें आय में वृद्धि	कृषक अराधना
7)	Dr. Rohit Bajpai Dr. Jagat Pal Dr. Devraj Singh	Tomato is a Protective Food	Times of Agriculture

## Conferences/ Workshop/ Seminar/ Webinar Organized by the College

Sr. No.	Title	Coordinated by	Remarks
1)	One Week FDP on Scaling Up Agricultural & Allied Sciences Education and Research with New Methodologies	Dr. Pashupati Nath Asstt. Professor COER UNIVERSITY, ROORKEE	Organized by COER UNIVERSITY, ROORKEE from 21/03/2022 to 27/03/2022
2)	Tree Plantation Drive on World Environment Day	Dr. Pashupati Nath Asstt. Professor COER UNIVERSITY, ROORKEE	Organized by COER UNIVERSITY, ROORKEE on 05/06/2022
3)	Extempore on World Environment Day	Dr. Pashupati Nath Asstt. Professor COER UNIVERSITY, ROORKEE	Organized by COER and COER UNIVERSITY, ROORKEE on 05/06/2022
4)	Tree Plantation Day on Harela Day	Dr. Pashupati Nath Asstt. Professor COER UNIVERSITY, ROORKEE	Organized by COER on 16/07/2022

5)	Green technologies as a paradigm of animal husbandry development	Dr. Jagatpal Asstt. Professor COER UNIVERSITY, ROORKEE	Organized by SoA, COER UNIVERSITY, ROORKEE on 24/02/2022
6)	Virtual carrier talk on "Agriculture education: A potential path for career of agriculture graduates"	Dr. Ravi P Mishra Asso. Professor COER UNIVERSITY, ROORKEE	Organized by SoA, COER UNIVERSITY, ROORKEE on 27/01/2022
7)	Regenerative Agriculture	Dr. Rohit Bajpayee Asstt. Professor COER UNIVERSITY, ROORKEE	Organized by SoA, COER UNIVERSITY, ROORKEE on 11/01/2022
8)	Educational Visit on Agri Horti Organic Expo at HARidwar	Dr. Induja Mishra	Organized by CoSA, COER on 21/10/2023

### Achievements/ Awards/ Recognitions

Sr. No.	Name of Faculty	Award Title	Awarded by
1)	Dr. Pashupati Nath	Appreciation Award as a Mentor for Project entitled Digital Farming	College of Engineering Roorkee <b>(COER)</b>
2)	Dr. Pashupati Nath	Mentor for 06 UG Students on the Project entitled Low Cost Propagator House for Tech4Seva Event under Unnat Bharat Abhiyaan, IIT, Roorkee	Indian Institute of Technology, Roorkee
3)	Dr. Induja Mishra	First Prize Winner in Project entitled Recirculating Aquaculture and Aquaponics System	College of Engineering Roorkee <b>(COER)</b>
4)	Dr. Jagat Pal	Winner in the Project entitled Aqua Vertical Hydroponics	College of Engineering Roorkee <b>(COER)</b>
5)	Dr. Jagat Pal	Winner in the Project entitled Mixed Farming Integrated Use of Paddy Straw	College of Engineering Roorkee <b>(COER)</b>
6)	Dr. Jagat Pal	Winner in the Project Presentation entitled Smart Ferti Drill	College of Engineering Roorkee <b>(COER)</b>
7)	Dr. Pashupati Nath	Dev Bhoomi Education Excellence Award 2023	MIET, KUMAUN
8)	Dr. Indja Mishra	Dev Bhoomi Education Excellence Award 2023	MIET, KUMAUN
9)	Dr. Pashupati Nath	Paryavaran Mitra Samman 2023	DSVV, Haridwar

## Under Graduates Project Details

Sr. No.	Name of the Student	Guide	Title of the Project
1)	Animesh Raj, Saurav Singh, Sandeep Kumar, Manoj Kumar, Roshan Jeena	Dr. Pashupati Nath	Digital Farming
2)	Aavesh Kumar, Aakash Kumar, Aman Lodhi, Anand Kumar, Avinash Kumar, Abhishek	Dr. Induja Mishra	Recirculating Aquaculture & Aquaponics System
3)	Priyanshu, Riya, Neetu	Dr. Induja Mishra	Agrofarmer: A Friend of Farmers
4)	Pragati, Ritik, Bhavika, Rakib	Dr. Induja Mishra	An Integrated and Fully Organic System
5)	Animesh Raj, Saurav Singh, Sandeep Kumar, Manoj Kumar, Roshan Jeena	Dr. Pashupati Nath	Cultivation under Low Budget Protected Structure
6)	Animesh Raj, Ankita, Saurabh, Manoj, Sandeep, Simran	Dr. Pankaj Kumar	Semi-Automated Sprayer
7)	Unnati, Aditi, Tannu Sharma	Dr. Jagatpal	Mix farming
8)	Ankita, Animesh, Sandeep, Saurav, Manoj	Dr. Ravi Mishra	Mushroom Cultivation
9)	Animesh, Saurav, Manoj, Sandeep	Dr. Deep Gupta	Hydroponics
10)	Rakib, Riya, Bhavika, Rahul, Pragati	Dr. Manisha Phaugat	Integrated Farming System
11)	Gulshan, Anjali, Tanu Sharma	Dr. Ravi Mishra	Smart Ferti-Drill
12)	Avinash, Harshita, Shruti. Smita, Bhavya	Dr. Jagatpal	Aqua Hydroponics
13)	Murad, Sumit, Priyanka, Vishal, Shristi	Dr. Manisha Phaugat, Dr. Pashupati Nath	Agro Tourism: A Way Forward
14)	Gaurav Nayal, Arav Vishal, Avish, Kushagra, Abhishek	Dr. Induja Mishra, Mr. Himanshu Tiwari	Solar Energy Application in Drip Irrigation
15)	Bhavika Ritik, Pragati, Rakib, Riya, Priyanshu	Dr. Induja Mishra, Er. Gaurav	Integrated Terrace Farming
16)	Harshita, Shruti, Smita, T. R. Ravi Vardhanam	Dr. Pashupati Nath, Dr. Manisha Phaugat	Protected Cultivation with Solar Irrigation
17)	Taufique, Sanjay, Rishab, Pryas, Anuradha	Dr. Induja Mishra, Dr. Manisha Phaugat	Affordable Solar Dryer System
18)	Harshita, Vishal, Rahul, Vasu, Rahul, Neetu	Dr. Induja Mishra, Dr. Manisha Phaugat	High-Tech Polyhouse with IFS
19)	Atika, Abhinav, Sahas	Mr. Pradeep K Verma	Hydroponics
20)	Rohan, Piyush , Paramveer	Dr. Jagatpal	Terrace Farming
21)	Amarjeet, Mayank, Rohan	Dr. Induja Mishra	Solar Based Integrated Farming
22)	Pragati, Rakib, Priynka	Dr. Pashupati Nath	Agricloud

## Other Activities at SoA

Sr. No.	Activity	Resource Person	Date	Coordinated By
1)	Webinar on Importance of Agriculture	Dr. Pashupati Nath	Sept. 11, 2021	Dr. Jagat Pal
2)	Online Lecture on Green Technologies on Paradigm of Animal Husbandry Development	Dr. K. G. Vasilievich, KubSAU	Feb. 24, 2022	Dr. Ravi P. Mishra
3)	Career Talk on Agriculture Education: A Potential Path for Career Agriculture Graduates	Mr. Sumit Soni Program Manager, Agri Capacity Building, World Banking, India	Jan. 27, 2022	Dr. Ravi P. Mishra
4)	02 Days Training on Regenerative Agriculture	Naandi Foundation, Mahindra Pride Class Rooms	Jan. 10, 2022 to Jan. 11, 2022	Dr. Rohit K. Bajpai
5)	Workshop on Organic Mushroom Production	Dr. Shivam Singh, Asstt. Professor, LPU	Nov. 13, 2021	Dr. Pankaj Kumar
6)	Cow Based Bio-Enhancer: A Potential Tool for Organic Agriculture	Dr. Himanshu Trivedi, IFTM, Moradabad	Dec. 24, 2021	Dr. Jagat Pal
7)	Tech4Seva at Regional Level	Unnat Bharat Abhiyaan, IIT Roorkee	July 30, 2022	Dr. Jagat Pal
8)	Hands on Training on Field Based Plant Taxonomy	USERC, Dehradun	May 22, 2022 to May 29, 2022	Dr. Jagat Pal
9)	Poster Making Competition of World Food Day	SoA, COER UNIVERSITY, ROORKEE	Oct. 16, 2021	Dr. Rohit K. Bajpai
10)	Workshop on Role of Technology & Remote Sensing in Agriculture	Dr. Kurchenko Nickolai, KubSAU, Russia	Sept. 29, 2021	Dr. Jagat Pal
11)	Invited talk on the topic Agriculture Startups and opportunities	DSVV, Haridwar	Sept, 23, 2023	Dr. Pashupati Nath
12)	Invited talk on the topic current scenario of solid waste management in India	DSVV, Haridwar	Nov, 03, 2023	Dr. Pashupati Nath

## College of Engineering

### Department of Electrical & Electronics Engineering

#### Vision of the Department

To prepare graduates with necessary technical and practical knowledge and professional skills needed to address the real time challenges in the rapidly growing field of Electrical and Electronic Engineering and promote research in the emerging areas.

#### Mission of the Department

1. To impart teaching of electrical and electronics engineering with emphasis on recent advancements duly supported by practical training.
2. To encourage students to undertake research-based projects in emerging areas.
3. To establish linkages with industry for exposure to industrial applications
4. To encourage students to pursue MOOC - NPTEL online courses for value addition.
5. To encourage students to acquire knowledge through internship in India and abroad in emerging areas.

#### Message from the Desk of HoD

It is a pleasure to head the Department of Electrical & Electronics Engineering at COER University, Roorkee. The department offers B.Tech (Electrical & Electronics Engineering), and Diploma (Electrical Engineering). The department has a team of well qualified, experienced and motivated faculty members to prepare the young minds of our students for global competition. Students of the EEE department are also motivated and ready for Industry with hands-on experience on current technologies and programming languages. The graduate students of the department regularly appear in the University top positions and mostly work in the core companies.



**Dr. Mukul Dixit**  
HoD  
Electrical & Electronics Engineering

The department regularly organizes various Value Aided Programs (VAPs) like MATLAB, PSCAD, ETAP etc. which bridges the gap between academia and industries. In addition , communication classes and personality development programs are also organized for improving the confidence levels and creating a good and lasting impression on others. This is beneficial for the placement activities. Sports, co-curricular and extra curricular activities take place at University level and students participate in various intra-colleges, inter-college, inter-university fests/competitions. Department constantly works for overall growth of students and inculcates the qualities/features that are required and acceptable by Society. Faculty/students take initiative for social causes at individual level and as a team under different banners/clubs of the University. Turning a student into a good and proficient citizen is the prime aim of the department.

## List of Programs

Sr. No.	Programs Offered	Intake
1)	<b>Bachelor of Technology (B. Tech):</b> Electrical & Electronics Engineering (Four year full time course)	30
2)	<b>B. Tech (2nd year Lateral Entry):</b> Electrical & Electronics Engineering (Three year full time course)	30
3)	<b>Master of Technology (M. Tech):</b> Power Systems (Two year full time course)	30
4)	<b>Doctor of Philosophy (Phd):</b> Electrical Engineering	10
5)	<b>Diploma: Electrical Engineering</b> (Three year full time course)	30
6)	<b>Diploma (2nd year Lateral Entry): Electrical Engineering</b> (Two year full time course)	30
<b>Total Intake</b>		160

## List of Faculty Members

Sr. No.	Name of the Faculty	Designation	Specialization
1)	Dr. Mukul Dixit	HOD	Power Systems
2)	Mr. Nitin Chand	Assistant Professor	Renewable Energy Sources
3)	Ms. Kavita	Assistant Professor	Power Electronics
4)	Mr. Rishabh Singhal	Assistant Professor	Power Systems
5)	Mr. Naresh Pal	Teaching Assistant	Power Systems
6)	Mr. Vishal Chauhan	Teaching Assistant	Electrical Machine
7)	Mr. Mukul Chaudhary	Teaching Assistant	Electrical Machine

## List of FDPs/ STPs Attended by Faculty Members

Sr. No.	Faculty	Title	Organized by	Date/ Duration
1)	Dr. Mukul Dixit	Developing Employable Skills	Education and Educational Management Department NITTTR Chandigarh	18 July 2022 to 22 July 2022

2)	Mr. Nitin Chand	Developing Employable Skills	Education and Educational Management Department NITTTR Chandigarh	18 July 2022 to 22 July 2022
3)	Ms. Kavita	Developing Employable Skills	Education and Educational Management Department NITTTR Chandigarh	18 July 2022 to 22 July 2022
4)	Mr. Naresh Pal	Developing Employable Skills	Education and Educational Management Department NITTTR Chandigarh	18 July 2022 to 22 July 2022
5)	Dr. Mukul Dixit	Modern Trends in Manufacturing Technologies	COER	11-15.07.2022
6)	Dr. Mukul Dixit	Smart Grids and Micro Grids in Indian Context	Mahatma Gandhi Institute of Technology, Hyderabad	20-24.06.2022

### MOOC Courses

Sr. No.	Faculty	Title	Organized by	Date/ Duration
1)	Ms. Kavita	Solar Energy and Electrical System Design	Coursera	09.11.2022

### List of Patents Filed

Sr. No.	Faculty	Title	Patent Journal	Date of Publication
1)	Dr. Mukul, Ms. Anuradha, Ms. kavita Ms.Himani	MPPT Based Smart Power Generation By Solar Tree Using IOT	44/2022	04/11/2022
4)	Ms. Kavita, Dr. Mukul, Mr. Nitin	A control system based on AI& ML for an inhaleing device and method	16/2022	04/02/2022
5)	Ms. Kavita, Dr. Mukul, Ms. Nitin Chand	IOT based crop monitoring system	19/2023	12.05.2023
6)	Ms. Himani, Ms. Kavita, Dr. Mukul Dixit, Mr. Nitin Chand	Women Safety Device with GPS tracking and alerts	20/2023	19.05.2023

## Conferences/Conferences Paper Attended by the Faculty

Sr. No.	Faculty	Publication Title	Conference
1)	Dr. Mukul & Ms. Anuradha	Fuzzy Logic Controller to Obtain Maximum Power in Solar Power Generation System	International Conference on Fourth Industrial Revolution Based Technology and Practices (ICFIRTP)

## Book Chapters

Sr. No.	Author's Name	Chapter Title	Book Name
1)	Mukul Dixit, Anuradha, Nitin Chand	A bi-level programming approach for solar power integration in distribution feeder	Photovoltaic Modules-Fundamentals, Modeling, Performance Analysis and Control
2)	Aadesh arya, Govind rai goyal	Harmonic Reduction for Smart Distribution Network with D-STATCOM and DG Using Gravitational Search Algorithm	Planning of Hybrid Renewable Energy Systems, Electric Vehicles and Microgrid
3)	Aadesh arya	Optimal Allocation of Electric Vehicles Charging Station in Distribution Network Beside DG Using TSO	Planning of Hybrid Renewable Energy Systems, Electric Vehicles and Microgrid

## Research Papers

Sr. No.	Research Paper Title	SCI/ SCOPUS/ UGC/ Peer Reviewed	Publication Year
1)	Anuradha, Akhilendra Yadav, and Sanjay Sinha "Hybrid Power Systems: Solution to Rural Electrification" Current Sustainable/Renewable Energy Reports, 2022	SCOPUS	November 2022

## Other Activities at Electrical & Electronics Engineering Department

Sr. No.	Activity	Resource Person	Date	Coordinated By
1)	Guest Lecture on " Stability Analysis with integration of wind energy in power system	Dr. Jawahar Lal	11.02.2023	Mr. Mukul Dixit
2)	Guest Lecture on " Cyber Physical System Protection in Electric Grid	Dr. Neeraj Kumar Singh	03.09.2022	Dr. Mukul Dixit
3)	Three days workshop on Innovation Using Arduino	CET PA	29-31.08.2022	Dr. Mukul Dixit
4)	Faculty and staff development Program "Introduction to Virtual Lab: Control Engineering Lab"	Dr. Rajeev Kumar	27.10.2022	Dr. Mukul Dixit
5)	Guest Lecture on Demand Side Management using Smart Grid	Mr. Robin	13.10.2022	Dr. Mukul Dixit
6)	Five days Faculty development and student interaction program	Dr. Sonal Dr. S. K. Sinha Mr. Kunal Dr. Mukul Dr. Krishnav	02-06.08.2022	Dr. Mukul Dixit Mr. Nitin Chand Ms. Kavita Jaiswal

## Department of Mechanical Engineering

### Vision of the Department

To strive for creating a high-quality human resource that contributes to the technological development in the area of Mechanical Engineering in pace with the latest technology.

### Mission of the Department

1. To provide and sustain a quality, state-of-the-art education in Mechanical Engineering that enables students to develop specialized knowledge and experience required to practice as professional Mechanical Engineers or to pursue higher education/research.
2. To create an Industry – academia association for improvement in the quality of teaching and learning.
3. To liaise with professional societies to keep the students and faculty abreast with latest developments in Mechanical Engineering.
4. To encourage students to pursue MOOC – NPTEL online courses for value addition.
5. To encourage students to acquire knowledge through internship in India and abroad in emerging areas.

### Message from the Desk of HoD

Greetings!

On behalf of the faculty members, staff, and students of the Department of Mechanical Engineering at COER University, I extend a warm welcome to all of you, inviting you to immerse yourselves in the dynamic world of Mechanical Engineering. I firmly believe that Mechanical Engineering stands at the forefront, serving as a catalyst for advancements across various domains of human endeavor, both present and future.

In our department at COER University, students are provided with unparalleled opportunities to excel in their academic pursuits. It's a realm where students not only contribute to international journals with groundbreaking research papers and patents but also where those aspiring for recognition in extra-curricular or co-curricular activities find a supportive and conducive atmosphere.

Our department boasts a cadre of well-qualified and devoted faculty members. Our mission is to impart knowledge and training of the highest standards, preparing students for successful careers in Industry, Research, and Academics to meet the demands of evolving technology. We are dedicated to nurturing the ability among students to synthesize data and technical concepts for product design applications. Moreover, we offer collaborative opportunities for students to engage in multidisciplinary projects as part of a team. The Department of Mechanical Engineering provides students with a robust foundation in the latest technological advancements, scientific principles, and engineering fundamentals necessary to address and analyze complex engineering problems. Our focus is not only on academic excellence but also on instilling a commitment to life-long learning, professional ethics, and codes.



**Dr. Nitesh Dutt**  
HoD  
Department of Mechanical  
Engineering

Our dedicated block houses state-of-the-art digital classrooms and laboratories equipped with cutting-edge audio/video facilities and high computing resources. Multiple labs, offices, and meeting spaces create an environment conducive to practical knowledge acquisition, supported by advanced software and cutting-edge hardware infrastructure.

I look forward to the continued success and growth of the Department of Mechanical Engineering at COER University, and I encourage everyone to explore the exciting opportunities that our department has to offer.

### List of Programs

Sr. No.	Programs Offered	Intake
1)	Bachelor of Technology in Mechanical Engineering <b>(B.Tech.)</b>	
2)	Bachelor of Technology in Mechanical Engineering with Minor in Electrical Vehicle/Automation/AI-ML <b>(B.Tech.)</b>	
3)	Master of Technology Energy Engineering <b>(M.Tech.)</b>	
4)	PhD. (Full Time/Part-Time)	
5)	Diploma In Mechanical Engineering	

### List of Faculty Members

Sr. No.	Name of the Faculty	Designation	Specialization
1)	Dr. Nitesh Dutt	HOD	Thermal Engineering and Renewable Energy
2)	Dr. Muneesh Sethi	Professor	Thermal Engineering and Renewable Energy
2)	Dr. Gunjan Agarwal	Professor	Production Engineering, Green Manufacturing/Technology, CAM
3)	Mr. Thomas Mathew	Assistant professor	Automobile
4)	Mr. Mohit Senger	Assistant Professor	Thermal Engineering and Renewable Energy
5)	Mr. Ankit Kr. Singhal	Assistant Professor	Production Engineering and Industrial Automation
6)	Mr. Vivek Aggarwal	Assistant Professor	Sustainable Technology, Energy efficiency
7)	Mr. Amit Singh	Assistant Professor	Materials and Manufacturing

## List of FDPs/ STPs Attended by Faculty Members

Sr. No.	Faculty	Title	Organized by	Date/ Duration
1)	Dr. Gunjan Agarwal	Developing Employable Skills	NITTTR	18-22 Jul-2022
2)	Mr. Thomas Mathew	Developing Employable Skills	NITTTR	18-22 Jul-2022
3)	Dr. Nitesh Dutt	Developing Employable Skills	NITTTR	18-22 Jul-2022
4)	Mr. Ankit Kumar Singhal	Developing Employable Skills	NITTTR	18-22 Jul-2022
5)	Mr. Mohit Senger	Developing Employable Skills	NITTTR	18-22 Jul-2022
6)	Mr. Avinash	Developing Employable Skills	NITTTR	18-22 Jul-2022
7)	Mr. Amit Singh	Developing Employable Skills	NITTTR	18-22 Jul-2022
8)	Mr. Ravi Prakash	Developing Employable Skills	NITTTR	18-22 Jul-2022
9)	Mr. Mohit Senger	Accreditation and outcomes based learning	NPTEL	8 Weeks
10)	Dr. Gunjan Agarwal	Accreditation and outcomes based learning	NPTEL	8 Weeks
11)	Mr. Ankit Kumar Singhal	Accreditation and outcomes based learning	NPTEL	8 Weeks
12)	Dr. Nitesh Dutt	Modern Manufacturing in Industry 4.0 (MMI-2023)	NIT Delhi	5 Days

13)	Mr. Mohit Senger	Modern Manufacturing in Industry 4.0 (MMI-2023)	NIT Delhi	5 Days
14)	Dr. Gunjan Agarwal	Modern Manufacturing in Industry 4.0 (MMI-2023)	NIT Delhi	5 Days
15)	Mr. Ankit Agarwal	Emerging Technologies in Thermo-Fluids and Energy Systems (ETTES-2023)	NIT Delhi	5 Days
16)	Dr. Nitesh Dutt	Emerging Technologies in Thermo-Fluids and Energy Systems (ETTES-2023)	NIT Delhi	6 Days
17)	Mr. Mohit Senger	Emerging Technologies in Thermo-Fluids and Energy Systems (ETTES-2023)	NIT Delhi	7 Days

### List of MOOCs

Sr. No.	Faculty	Title of the Course	MOOC Name	Duration
1)	Mr. Ankit Singhal	NBA Accreditation	NPTEL	8 weeks
2)	Dr. Gunjan Agarwal	NBA Accreditation	NPTEL	8 weeks
3)	Mr. Mohit Senger	NBA Accreditation	NPTEL	8 weeks
4)	MR. Ravi Prakash	Introduction to Research	NPTEL	8 weeks
5)	Mr. Mohit Senger	Entrepreneurship Essentials	NPTEL	12 weeks
6)	Mr. Thomas Mathew	Fundamentals of Automotive Systems	NPTEL	12 weeks
7)	Dr. Gunjan Agarwal	Patent drafting for beginners	NPTEL	4 weeks
8)	Mr. Ankit Singhal	Patent drafting for beginners	NPTEL	8 weeks

## List of Patents Filed

Sr. No.	Faculty	Title	Patent Journal	Date of Publication
1)	Dr. Nitesh Dutt	An integrated hybrid energy storage system	Indian	22-07-2022
2)	Vivek Agarwal , Mohit Senger, Ankit Kumar Singhal	Analysis for determining thickness of various insulation materials of walling	Indian	24-03-2023
3)	Dr. Muneesh Sethi, Manish Kumar, Gesu Thakur, Alok Kumar	<u>Amusement device for climbing</u>	Indian	29.12.2022
4)	Dr. Nitesh Dutt	Smart Toilet Management System	Indian	June 2022
5)	Dr. Muneesh Sethi, Manish Kumar, Gesu Thakur, Alok Kumar	Automated lower limb exercising device	Indian	30.12.2022
6)	Dr. Muneesh Sethi, Manish Kumar, Gesu Thakur, Alok Kumar	<u>Javelin throw training device</u>	Indian	30.12.2022
7)	Dr. Muneesh Sethi, Manish Kumar, Gesu Thakur, Alok Kumar	Wearable pet monitoring and securing device	Indian	30.12.2022

## Conferences/Conferences Paper Attended by the Faculty

Sr. No.	Faculty	Publication Title	Conference
1)	Dr. Nitesh Dutt	The Effects Of Silt Erosion On The Performance Of A Pico Pelton Turbine: An Experimental Investigation	4th International Conference on Computational and Experimental Methods in Mechanical Engineering ( ICCEMME-2023 )
2)	Gunjan Agarwal , Ankit Kumar Singhal , Avinash Yadav	Performance Optimization of CNC Machining	4th International Conference on Computational and Experimental Methods in Mechanical Engineering

## Book Chapters

Sr. No.	Author's Name	Chapter Title	Name of Publisher
1)	Dr. Nitesh Dutt	Advanced Materials for Biomedical Applications /Biomedical study of femur bone fracture and healing	CRC Press
2)	Dr. Nitesh Dutt	Advanced computational methods in Mechanical and Materials Engineering	CRC Press
3)	Dr. Siddharth jain	Sustainable Biopolymer Composites	Elsevier
4)	Dr. Nitesh Dutt	Thermal Energy Systems: Design, Computational Techniques and Applications/Modeling and Simulation of Thermal Energy System for Design Optimization	CRC Press
5)	Dr. Siddharth jain	Potential and Challenges of Low Carbon Fuels for Sustainable Transport	Springer
6)	Dr. Nitesh Dutt	Emerging Trend in Mechanical and Industrial Engineering /Experimental Performance Analysis of Multi-Parabolic Flat Plate Solar Collector	Springer
7)	Dr. Nitesh Dutt	Advances in Mathematical and Computational Modeling of Engineering Systems/Heat transfer and pressure drop penalty study in flattened micro-finned tubes	CRC Press
8)	Dr. Nitesh Dutt	Thermal Energy Systems: Design, Computational Techniques and Applications/Lithium-ion Battery Thermal Management Systems with different Medium and Techniques for Electric Driven Vehicles	CRC Press
9)	Dr. Nitesh Dutt	Introduction to Thermal Energy Resources and Its Smart Application/ Introduction to Thermal Energy Resources and Its Smart Application	CRC Press
10)	Dr. Nitesh Dutt	Experimental Performance Analysis of Multi-Parabolic Flat Plate Solar Collector	CRC Press
11)	Dr. Nitesh Dutt	Study the Temperature Variation in Alternate Coils of Insulated Condenser Cum Storage Tank: Experimental Study	Springer Nature
12)	Dr. Nitesh Dutt	Thermal Energy Systems: Design, Computational Techniques, and Applications	CRC Press
13)	Dr. Nitesh Dutt	Introduction to Thermal Energy Resources and Their Smart Applications	CRC Press
14)	Dr. Nitesh Dutt	Modelling and Simulation of Thermal Energy System for Design Optimization	CRC Press
15)	Dr. Nitesh Dutt	Lithium-Ion Battery Thermal Management Systems with Different Mediums and Techniques for Electric-Driven Vehicles	CRC Press
16)	Dr. Nitesh Dutt	Heat transfer and pressure drop penalty study in flattened micro-finned tubes	CRC Press

## Books Published

Sr. No.	Author's Name	Book Title	Name of Publisher
1)	Dr. Nitesh Dutt	Advanced computational methods in Mechanical and Materials Engineering	CRC Press
2)	Dr. Nitesh Dutt	Advanced Materials for Biomedical Applications	CRC Press
3)	Dr. Siddharth jain	Sustainable Biopolymer Composites	Elsevier
4)	Dr. Nitesh Dutt	Thermal Energy Systems: Design, Computational Techniques and Applications	CRC Press

## Research Papers

Sr. No.	Research Paper Title	SCI/ SCOPUS/ UGC/ Peer Reviewed	Publication Year
1)	Dwivedi, G., Jain, S., Shukla, A.K. et al. Impact analysis of biodiesel production parameters for different catalyst. Environ Dev Sustain (2022).	SCI	January 2022
2)	Varun Pratap Singh, Siddharth Jain & JML Gupta (2022) Analysis of the effect of variation in open area ratio in perforated multi-V rib roughened single pass solar air heater- Part A, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	SCI	January 2022
3)	Varun Pratap Singh, Siddharth Jain & JML Gupta (2022) Performance assessment of double-pass parallel flow solar air heater with perforated multi-V ribs roughness — Part B, Experimental Heat Transfer, 35:7, 1059-1076,	SCI	January 2022
4)	A. Raj Singh, S. Kumar Singh, and S. Jain, "A review on bioenergy and biofuel production," Mater. Today Proc., vol. 49, pp. 510–516, 2022	Scopus	January 2022
5)	Sethi M., Singh Kumar A., Tripathi R. K., Kumar A., Kumar S., Thakur A., Goel B., Kashyap T. & Sharma V. K., "Influence of Distinct Baffles Type Turbulence Promoter on the Thermohydraulic Efficiency of Solar Air Heater", Materials Today Proceedings	SCOPUS	24.09.2022
6)	Negi P, Singh Y, Yadav A, Singh NK, Sharma A, Singh R. Challenges and future opportunities of nanoparticle applications to various biofuel generation processes – a review. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering. 2023; 237(3):1085-1099.	SCI	December 2022
7)	Singh, V.P.; Jain, S.; Karn, A.; Kumar, A.; Dwivedi, G.; Meena, C.S.; Dutt, N.; Ghosh, A. Recent Developments and Advancements in Solar Air Heaters: A Detailed	SCI	September 2022

	Review. Sustainability 2022, 14, 12149		
8)	A. Gaur, G. Dwivedi, P. Baredar, and S. Jain, "Influence of blending additives in biodiesel on physiochemical properties, engine performance, and emission characteristics," Fuel, vol. 321, p. 124072, Aug. 2022,	SCI	August 2022
9)	D. K. K. Ankit Kumar Singhal , Mohit K S Senger , Dr. Gunjan Agarwal, "4 1-3 4," Int. J. Mater. Manuf. Sustain. Technol., vol. 2, no. 2, pp. 41–48, 2023, [Online]. Available: <a href="https://doi.org/10.56896/IJMMST.2023.2.1.004">https://doi.org/10.56896/IJMMST.2023.2.1.004</a>	Peer reviewed	May 2022
10)	M. P. U. Ankit Kumar Singhal, Mohit Kumar Singh Senger, Kamal Kapoor, "4 1,2 3," Int. J. Energy Resour. Appl., vol. 2, no. 1, pp. 16–25, 2023.	Peer reviewed	May 2022
11)	D. K. DeepanshuSharma Mohit Kumar Singh Senger, Ankit Kumar Singhal, "Nanoparticles as Additive to the Diesel and Biodiesel along with Blends: A Review on Emission Characteristics and Performance of CI Engine," vol. 01, no. 1, pp. 1–23, 2016.	Peer reviewed	May 2022
12)	N. Dutt, A. J. Hedau, A. Kumar, M. K. Awasthi, V. P. Singh, and G. Dwivedi, "Thermo-hydraulic performance of solar air heater having discrete D-shaped ribs as artificial roughness," Environ. Sci. Pollut. Res., 2023,	SCI	July 2023
13)	M. K. Awasthi, N. Dutt, A. Kumar, and S. Kumar, "Electrohydrodynamic capillary instability of Rivlin–Eriksen viscoelastic fluid film with mass and heat transfer," Heat Transf., vol. 53, no. 1, pp. 115–133, 2024,	SCI	2024

## Other Activities at Mechanical Engineering Department

Sr. No.	Activity	Resource Person	Date	Coordinated By
1)	Technical Quiz competition for B.Tech Second Year Students	Mr. Ankit Singhal	6 Nov. 2023	Mr. Ankit Singhal Dr.Gunjan Agarwal
2)	Technical Quiz competition for B.Tech Third Year Students	Dr.Gunjan Agarwal	7 Nov. 2023	Mr. Ankit Singhal Dr.Gunjan Agarwal
3)	Industrial Visit to Godrej Interio, Haridwar.	Mr. Vivek Aggarwal	13 September 2023	Mr. Vivek Aggarwal
4)	Industrial Visit to Everest Industries PVT. LTD.	Dr. Gunjan Agarwal, Mr. Amit SIngh	08 September 2023	Mr. Vivek Aggarwal
5)	Industrial Visit to ONGC LTD	Mr. Mohit Senger	09 September 2023	Mr. Vivek Aggarwal
6)	Industrial Visit to TEXPLAS INDIA PVT. LTD	Dr.Gunjan Aggarwal	18 October 2022	Mr. Vivek Aggarwal
7)	Industrial Visit to Kirby Building Systems & Structures India Pvt Ltd	Mr. Ankit Singhal, Mr. Mohit Senger	27 February 2023	Mr. Vivek Aggarwal
8)	Industrial Visit to SHREE CEMENT PVT. LTD.	Mr. Thomas Mathew, Mr. Mohit Senger	24 May 2023	Mr. Mohit Senger
9)	Outreach activity at Amar Saheed Memorial Inter College Saharanpur, (UP).	Mr. Mohit Senger	29 December 2023	Mr. Bobinder Kumar
10)	Outreach activity at Janta Janardan Inter College Baseda Muzzfarnagar (UP)	Mr. Amit Singh	14 December 2023	Mr. Bobinder Kumar
11)	Outreach activity at Maharaj Singh Inter College Gangdaspur Saharanpur	Mr. Thomas Mathew	7 December 2023	Mr. Bobinder Kumar
12)	Outreach activity at Kissan Inter College, Muzzfarnagar (UP)	Mr. Thomas Mathew	19 December 2023	Mr. Bobinder Kumar

## DEPARTMENT OF CIVIL ENGINEERING

### Vision of the Department

To prepare graduates with practical knowledge and professional skills needed to address the real-time challenges in the rapidly growing fields of Civil Engineering and promote research in emerging areas.

### Mission of the Department

4. To produce competent Civil Engineers with technical skills and ethical values.
5. To produce the students with in-depth understanding of fundamentals and practical training related to professional skills and their applications through effective Teaching – Learning process and state of the art laboratories.
6. To serve the construction industry by providing consultancy services and promoting Industry – Department Interactions through dissemination of knowledge and technical services.
7. To encourage students to pursue MOOC – NPTEL online course for value addition.
8. To encourage students to acquire knowledge through internship in India and abroad in emerging areas.

### Message from the Desk of HoD

Greetings! On behalf of the faculty members, staff, and students of the Department of Civil Engineering at COER University, Roorkee. I (Dr. Prabhat Kumar) welcome you all to the creative world of Civil Engineering. I believe the CE discipline has been widely recognized as an essential source and technique for the advancements in all spheres of human Endeavour now and in future. In COER University all the students get the opportunity to excel in their academic activities. The Civil Engineering Department has always been a hub of innovation, learning, and collaboration, and I am confident that the upcoming year will be no exception. Our students continue to make us proud with their active participation in various technical events. Whether it be hackathons, model competitions, or engineering challenges, their enthusiasm and talent shine through, bringing accolades to our department.



**Dr. Prabhat Kumar**  
HoD  
Department of Civil  
Engineering

The department has well qualified and dedicated faculty. The department strives to Impart knowledge and training of the highest standard. The objective of the department is to prepare students for a successful career in Industry, Research and Academics to meet the needs of growing technology. Our efforts are to develop the ability among students to synthesize data and technical concepts for application to product design. We provide an opportunity for students to work as members of a team on multidisciplinary projects. Department of Civil Engineering provides the hands-on experiences of our students through internships and industrial visits. These opportunities not only enhance their practical skills but also provide valuable insights into the workings of industry, bridging the gap between academia and real-world applications. We are honored to have hosted distinguished experts from the engineering domain who shared their invaluable insights

through guest lectures. These sessions enrich the academic experience of our students by providing a glimpse into the latest trends and innovations in the field. We promote student awareness for life-long learning & to introduce them to professional ethics and codes.

The Department of Civil Engineering has a dedicated block containing digital class rooms and laboratories with well-equipped audio/video facilities with high computing resources. Multiple labs, offices, and meeting spaces provide a basis for practical knowledge, along with other necessary infrastructure that includes advanced civil engineering softwares and state-of-the-art hardware.

### List of Programs

Sr. No.	Programs Offered	Intake
1)	Diploma in Civil Engineering	30
2)	Bachelor of Technology in Civil Engineering	30
3)	Bachelor of Technology Civil Engineering with Minor in Construction Technology	30
4)	Master of Technology in Structural Engineering	18
5)	PhD in Civil Engineering	8

### List of Faculty Members

Sr. No.	Name of the Faculty	Designation	Specialization
1)	Dr. Prabhat Kumar	HOD	Structural Dynamics
2)	Mr. Prashant Kumar	Assistant Professor	Structural Engineering
3)	Mr. Amardeep Sharma	Assistant Professor	Structural Engineering
4)	Mr. Neeraj Tiwari	Assistant Professor	Structural Engineering
5)	Dr. Tinku Biswas	Assistant Professor	Geotechnical Engineering
6)	Mr. Mubbashir Hussain	Assistant Professor	Geotechnical Engineering
7)	Ms. Harshna Verma	Assistant Professor	Disaster Management
8)	Mr. Sachin Kumar Saini	Assistant Professor	Structural Engineering
9)	Mr. Deshant Kumar	Assistant Professor	Structural Engineering
10)	Mr. Lovejeet Singh	Assistant Professor	Water Resources Engineering

11)	Mr. Nitin Tomar	Assistant Professor	Structural Engineering
12)	Dr. Nishant Raj Kapoor	Assistant Professor	Engineering Sciences
13)	Mr. Shubham Parmar	Lecturer	Civil Engineering

### List of FDPs/ STPs Attended by Faculty Members

Sr. No.	Faculty	Title	Organized by	Date/ Duration
1)	Dr Prabhat Kumar	Teaching and Learning Methodology Amid the Paradigm Shift in Higher Education	IQAC COER University under the aegis of USERC	July 24- 28, 2023
2)	Mr. Prashant Kumar	Teaching and Learning Methodology Amid the Paradigm Shift in Higher Education	IQAC COER University under the aegis of USERC	July 24- 28, 2023
3)	Mr. Amardeep Sharma	Teaching and Learning Methodology Amid the Paradigm Shift in Higher Education	IQAC COER University under the aegis of USERC	July 24- 28, 2023
4)	Mr. Sachin Kumar Saini	Teaching and Learning Methodology Amid the Paradigm Shift in Higher Education	IQAC COER University under the aegis of USERC	July 24- 28, 2023
5)	Mr. Deshant Kumar	Teaching and Learning Methodology Amid the Paradigm Shift in Higher Education	IQAC COER University under the aegis of USERC	July 24- 28, 2023
6)	Dr. Nishant Raj Kapoor	Teaching and Learning Methodology Amid the Paradigm Shift in Higher Education	IQAC COER University under the aegis of USERC	July 24- 28, 2023
7)	Mr. Shubham Parmar	Teaching and Learning Methodology Amid the Paradigm Shift in Higher Education	IQAC COER University under the aegis of USERC	July 24- 28, 2023
8)	Mr. Prashant Kumar	Developing Employable skills	Education and Educational Management Department, NIITTR, Chandigarh	July 18 – 22, 2023

9)	Mr. Prashant Kumar	Modern Trends in manufacturing Technologies	Department of Mechanical Engineering, COER University Roorkee	July 11 – 15, 2022
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### List of MOOCs

Sr. No.	Faculty	Title of the Course	MOOC Name	Date
1)	Mr. Deshant Kumar	STAAD Pro	Solitude Education	Aug 4, 2023
2)	Mr. Deshant Kumar	Revit Architecture and Structure	Solitude Education	Sep 4, 2023
3)	Mr. Deshant Kumar	Professional Auto CAD 2D + 3D	Solitude Education	Oct 4, 2023
4)	Mr. Prashant Kumar	Advanced Concrete Technology	SWAYAM-NPTEL	July 2022 – Oct 2022

### List of Patents Filed

Sr. No.	Faculty	Title	Patent Journal	Date of Publication
1)	Dr. Prabhat Kumar	Energy Analysis of Building using Data Science		22.07.2023
2)	Mr. Sachin Kumar Saini	Energy Analysis of Building using Data Science		22.07.2023
3)	Mr. Deshant Kumar	Energy Analysis of Building using Data Science		22.07.2023
4)	Mr. Prashant Kumar	WHY YOU ARE ENTERING IN MY NETWORK AN APPROACH TO DETECT THE NEW IP ADDRESS		14.07.2023

### Conferences/Conferences Paper Attended by the Faculty

Sr. No.	Faculty	Publication Title	Conference
1)	Gulista Khan/Kamal Kumar Gola/Rakesh Dwivedi/ <b>Prashant Kumar</b>	Coding Framework for Energy Efficient Event Reliability Protocol for Wireless Communication Networks	2022 2nd International Conference on Technological Advancements in Computational Sciences (ICTACS)

## Books/Book Chapters

Sr. No.	Author's Name	Chapter Title	Book Name
1)	Ms. Sandhya Samant, Mrs. Swati Arya, Prof. Divya Mishra, <b>Dr. Prabhat Kumar</b>	-	Fundamentals of AI and Deep Learning

## Research Papers - NIL

## Other Activities at Civil Engineering Department

Sr. No.	Activity	Resource Person	Date	Coordinated By
1)	Lecture on Incubation opportunities (Lean startup & amp under IIC 4.0) for students	Mr. Ajay Kumar Godara	Aug 30, 2022	Mr. Amardeep Sharma
2)	Industrial Visit to ONGC, Dehradun	Mr. Vinod K.B., General Manager (Legal), Subir Raha Oil Museum Dehradun (ONGC) Tel Bhawan	Sep 8, 2022	Mr. Amardeep Sharma & Ms. Harshna Veram
3)	Workshop on "Work module on Introduction to building design and building thermal performance"	Mr. Manoj Kumar S, Mr. Vivek Anand and Ms. Aashi Kansal	April 3, 2023 to April 5, 2023	Mr. Sachin Kumar Saini & Mr. Neeraj Kumar Tiwari
4)	Site Visit at "Rishikesh – Karnaprayag Railway Line", Rail Vikas Nigam Limited, Rishikesh	Md. Ishteyaque & Mr. Vikas Singh	May 19, 2023	Dr. Prabhat Kumar & Mr. Deshant Kuamr
5)	Guest Lecture on "Skills for Civil Engineering Industries"	Mr. Vaibhav Singhal & Mr. Aradhya Agarwal	May 20, 2023	Mr. Neeraj Kumar Tiwari
6)	Student Alumni Interaction	Dr. Ritesh Saini	May 20, 2023	Mr. Sachin Kumar Saini
7)	Guest Lecture on Career opportunities after B.Tech	Mr. Ajay Chhabra	May 29, 2023	Mr. Amardeep Sharma
8)	Expert Lecture on "Civil Engineering Site works and Responsibilities"	Gandhi Polytechnic Muzaffarnagar, U.P	June 2, 2023	Mr. Deshant Kumar & Dr. Prabaht Kumar
9)	Expert Lecture on "High Strength Fiber Reinforced Concrete – Its Behavior and Applications"	Mr. Brijesh Singh	Sep 25, 2023	Mr. Amardeep Sharma

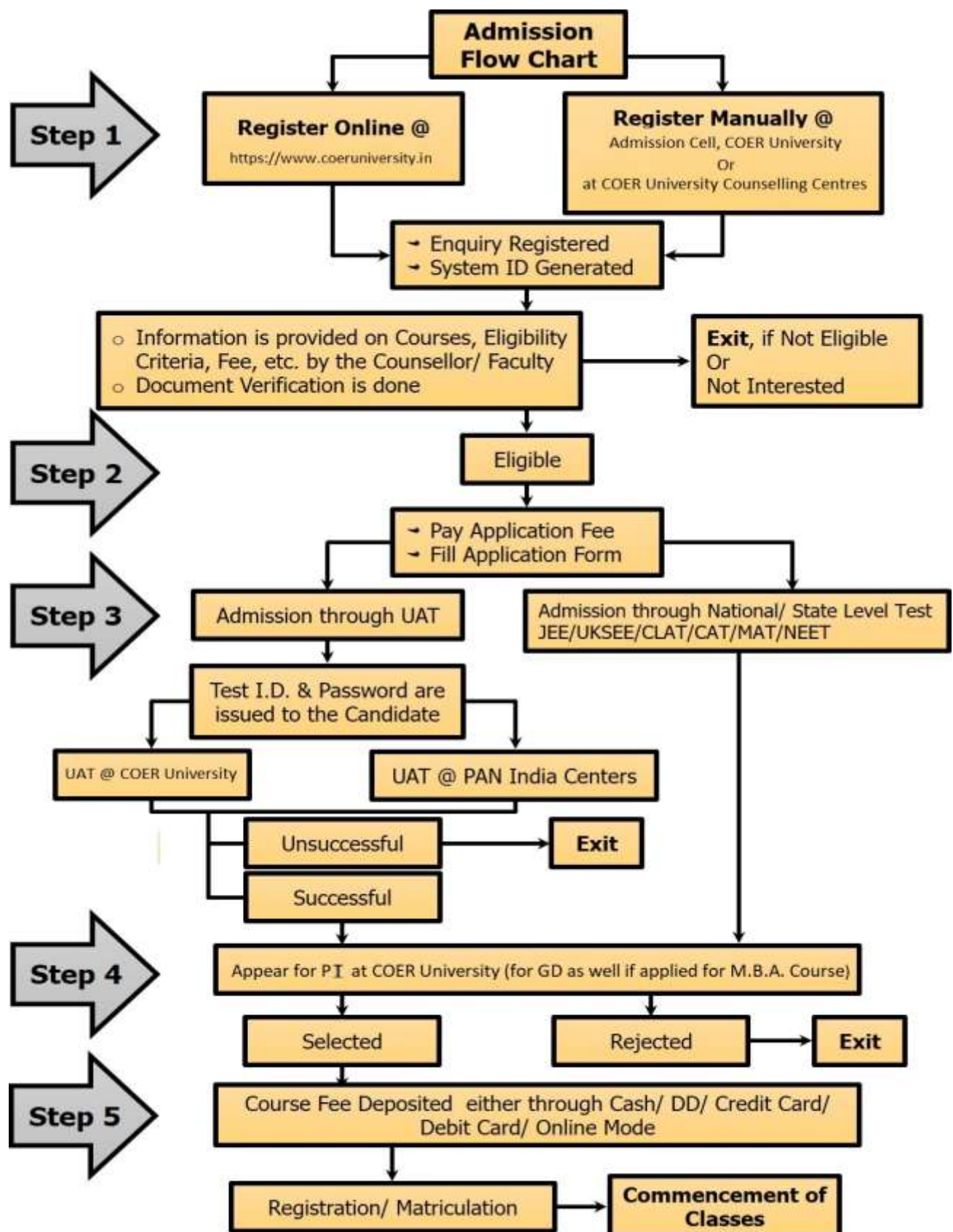
10)	Construction Site Visit at COER University	Mr. Nitin Tomar	Sep 27, 2023	Mr. Deshant Kumar
11)	Simulated Job Interview for Civil Engineering Students in CE Department	Mr. Nitin Aggarwal & Dr. Divya Mishra	Oct 3, 2023	Mr. Deshant Kumar
12)	Expert Lecture under <b>PRIME</b> lecture series on topic "Geophysical Investigations for Infrastructure Projects"	Dr. Sanjay Rana	Oct 4, 2023	Mr. Deshant Kumar
13)	Expert Lecture on "Retrofitting of Masonry Structural Components using FRCC composites"	Dr. Praveen Kumar Venkat Rao	Oct 4, 2023	Mr. Sachin Kumar Saini

## **Enrollment Procedure of the University**

The Admission Process shall comprise the following steps:

- a) Release of Admission Notifications through various publicity modes. The applicants can apply for admissions, both online and offline.
- b) Education Counsellors/ Faculty Representatives from Colleges should take care of the admission inquiries counsel the candidates/ parents about the programs/ courses, etc., and clear their doubts.
- c) Examine the admission forms received for eligibility check.
- d) Plan/ make arrangements for the conduct of the COER UNIVERSITY, ROORKEE Admission Test (UAT) for entrance, wherever required, for eligible applicants.
- e) The test will be conducted at the University Campus and designated centres.
- f) The test will be of 60 to 120 minutes duration comprising questions on quantitative/ qualitative aptitude, subject knowledge, general English, general awareness, etc.
- g) Candidates who have cleared UAT will be further assessed through a Personal Interview by the faculty or respective program offered by the concerned College for their subject knowledge, overall behavioural pattern, English Communication and personality, etc. by way of Personal Interview.
- h) The documents of such candidates as are found fit shall be scrutinized by the admission audit team and the final selection list shall be put up to the Admission Committee for approval.
- i) The candidates in the approved list shall be offered admission, and after payment of the requisite fees, their admission will be confirmed.
- j) The documents of the admitted students shall be sent to the concerned College for further processing.

✚ The complete process flow chart detailing all the steps from registration for admission till the enrollment in the University is tabulated below:



The University started its Academic Session 2022 – 23 from September 02, 2022 with a total strength of 775 students.

Name of the College s	Program Name	Number of Students Admitted
<b>College of Computing</b>	Bachelor in Computer Applications	168
	B.Tech. in Computer Science & Engineering	124
	B.Tech. (H) in CSE with specialization in AI & ML	31
	B.Tech. (H) in CSE with spec. in Cyber Security	13
	Masters in Technology in Computer Science & Engineering	02
	Masters in Computer Applications	43
	Ph.D	14
<b>College of Business Studies</b>	Bachelor in Business Administration	107
	Bachelor in Commerce with C.F.A.	22
	Master in Business Administration	140
	Bachelor in Commerce with Honours	54
	Ph.D	06
<b>College of Smart Agricultural Sciences</b>	Bachelor of Science in Agriculture	14
<b>College of Engineering</b>	Department of Civil Engineering (B.Tech) (Regular+Lateral)	05
	Department of Mechanical Engineering (B.Tech) (Regular+Lateral)	07
	Department of Electrical Engineering (B.Tech) (Regular+Lateral)	07
	Diploma in Civil Engineering – LE	06
	Diploma in Electrical Engineering – LE	08
	Diploma in Mechanical Engineering – LE	04
<b>Total Student Strength for Academic Session 2022 - 23</b>		<b>775</b>

## Scholarship & Fellowship for the Students

The University is also providing Scholarships/ Fellowships to the students on the basis of merit on case to case basis which are as under:

- ✚ Merit Base Scholarships
- ✚ Defense Ward Scholarships
- ✚ Alumni Scholarships
- ✚ State Domicile Scholarship
- ✚ Economically Weaker Section Scholarship (EWS)
- ✚ Sibling Scholarship
- ✚ Single-Girl Child Scholarship

Total Number of Students benefited from Scholarships and Fellowships provided by the University, Government and Non-Government Agencies (**NGO's**) during the year (other than the students receiving scholarships under the Government Schemes for reserved categories):

Year	Name of the Scheme	Number of Student benefited by the University Schemes & Amount	
		Number of Students	Amount (in')
2022-23	Merit-based Scholarship	177	8814853
2022-23	Defence Ward Scholarship	26	881485
2022-23	Alumini Scholarship	88	4407425
2022-23	State Domicile Scholarship	305	15425989
2022-23	Economically Weaker Section Scholarship	132	6611138
2022-23	Single-Girl Child Scholarship	70	3525940
2022-23	Sibling Scholarship	84	4407425
<b>TOTAL</b>		<b>882</b>	<b>44074255</b>

## Examination Report of the University

The COER University, Roorkee Examination Department is governed by the University Ordinances and Examinations Manual. The vision and mission of the department are aligned with those of the University.

For offering quality examination services, the Examination department ensures transparency in all its activities, aimed to support faculty, students and institutions. The Department administers open and secured processes and systems and collaborates closely with institutions, external organizations and individuals.

The Examination Cell is headed by the Controller of Examinations who reports to the Vice-Chancellor. The entire process of assessment and evaluation including the conduct of examination is as per the provisions of the University Ordinance and Examination Manual. As per the policy of the University, the continuous and progressive evaluation system is adopted to evaluate the learner's ability to develop analytical skills and decision-making power.


The Department is responsible for the end-to-end process of the student's assessment by conducting Final Examinations, Allocation of Invigilators, Preparing Seating Plan, Addressing Revaluation Queries, and Declaration of Results etc.

The first purpose of assessment is to determine whether students have achieved the learning outcomes and fulfilled the academic requirements of the course and of the modules within it, (as stated in the course specification and in the University's general educational aims) and attained the standard required for the award to which it leads.

### Board of Examinations

The Board of Examinations is the main committee for the examination. The Constitution of the Board of Examinations is as follows:

- |   |   |                  |
|---|---|------------------|
| a) Vice Chancellor                                    | - | Chairman         |
| b) Controller of Examination                          | - | Member Secretary |
| c) Pro Vice Chancellor                                | - | Member           |
| d) Registrar  | - | Member           |
| e) All Deans/ HoDs                                    | - | Member           |
| f) Senior Professor/ Associate Professor of College s | - | Member           |

 **Note:** The Chairman may invite anyone to the meeting as special invitee. Such members may attend the meeting but will not have voting right.

## Roles and Responsibilities of the Board of Examinations

- a) The Board of Examination's primary responsibility is to ensure the proper conduct of examination viz. paper setting, date-sheet preparation, and post & pre-examination work.
- b) The Board of Examinations shall recommend examination reforms and shall implement them after due approvals.
- c) The Board of Examinations must approve the Examination Department's detailed examination schedule.
- d) The Board of Examinations shall ensure strict vigilance during the conduct of the examination to avoid the use of unfair means by students, faculty and invigilators.
- e) A quorum for any meeting of the Board of Examinations shall be one-third of the members present.
- f) During the academic session, the members of the Board of Examinations shall meet at least twice.

## Status of Questions Papers

The question paper is set by the Internal and External expert in the ratio of 50:50. The numbers of question papers set by various paper-setters for different programs in Academic Session 2022-23 are given below:

Sr. No.	Name of the College	Odd Term	Even Term
1)	College of Business Studies	116	102
2)	College of Computing	124	92
3)	College of Smart Agricultural Sciences	44	42
4)	College of Engineering (CE,ME,EEE)	08	10
<b>Total</b>		<b>292</b>	<b>246</b>

The entire work relating to the Examination Division has been fully computerized using Microsoft Software (Examination Management System).

## Examination Schedule

Students register for regular and back-log courses, and exams are only given based on the course codes they have registered for. The Examination department prepares the Examination Schedule and publishes it on the website for students. A copy of the Schedule is sent to the Dean/HoD of Colleges for distribution to the students and to the appropriate authorities. Exam notifications are prepared in accordance with the dates specified in the Academic Calendar.

## Students Appeared in the Examination

The number of students from various Colleges who appeared for the examination during the Academic Session 2022 - 23 is given below:

- ODD SEMESTER**

Sr. No.	Name of the College	Under Graduate		Post Graduate	
		SEM-I	SEM-III	SEM-I	SEM-III
1)	College of Business Studies	203	159	147	90
2)	College of Computing	314	229	47	25
3)	College of Smart Agricultural Sciences	16	12	--	--
4)	College of Engineering (CE,ME,EEE)	05	--	--	--
<b>Total</b>		<b>538</b>	<b>400</b>	<b>194</b>	<b>115</b>

- EVEN SEMESTER**

Sr. No.	Name of the College	Under Graduate		Post Graduate	
		SEM-II	SEM-IV	SEM-II	SEM-IV
1)	College of Business Studies	186	161	140	86
2)	College of Computing	135	230	45	25
3)	College of Smart Agricultural Sciences	15	12	--	--
4)	College of Engineering (CE,ME,EEE)	04	--	--	--
<b>Total</b>		<b>340</b>	<b>403</b>	<b>185</b>	<b>111</b>

## Conduct of Examination

The number of courses for which the Examination Department conducted the examinations in various Colleges during the Academic Session 2022-23 is listed below:

Sr. No.	Name of the College	Number of Courses of Study
1)	College of Business Studies	4
2)	College of Computing	6
3)	College of Smart Agricultural Sciences	1
4)	College of Engineering (CE,ME,EEE)	3
<b>Total</b>		<b>14</b>

### • Result Announcement

The End Semester Examinations (**Even & Odd Semesters**) results were announced within a week of the last examination.

Sr. No.	Semester	Date of Result Announcement
1)	Odd Semester 2022-23	Feb 25, 2023 & March 02, 2023
2)	Even Semester 2022-23	July 26, 2023

### • Result Analysis

The result analysis for the Academic Session 2022-23 of Odd and Even Semester are as under:

Sr. No.	Program	Year/ Session	Semester	Number of Students Appeared	Number of Cleared Pass Students	Pass %
1)	Under Graduate	2022-23	ODD	938	599	63.85
			EVEN	743	558	75.10
2)	Post Graduate	2022-23	ODD	309	190	61.48
			EVEN	296	260	87.83

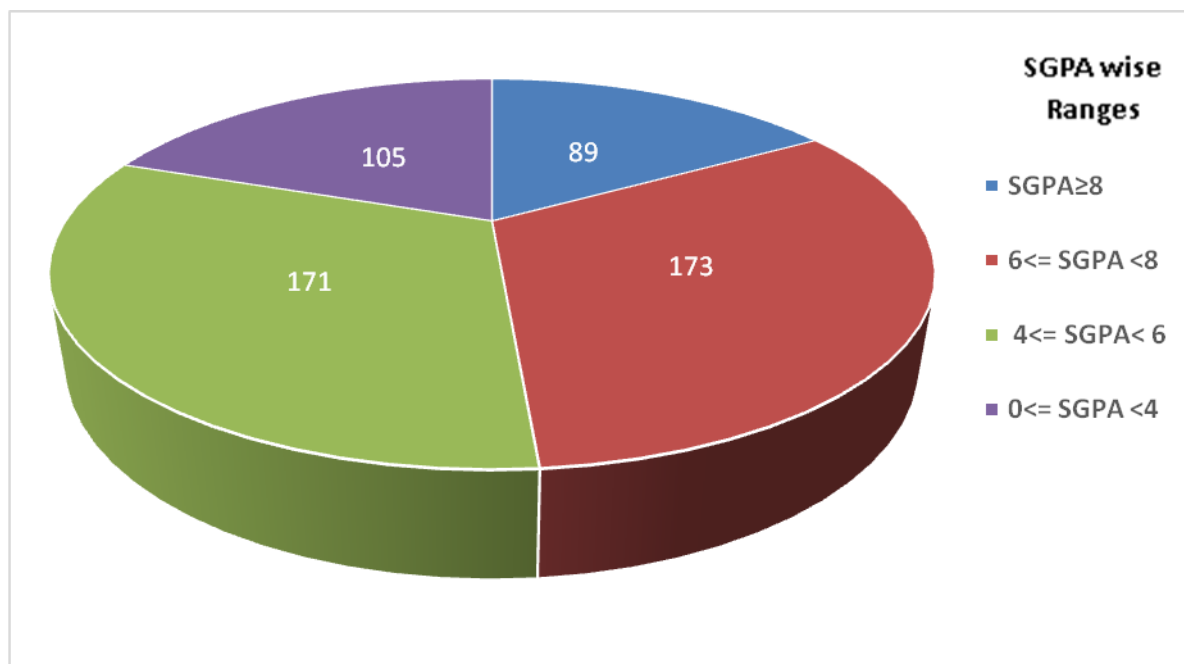
## Graphical Representation of Result Analysis

- UG Programme (Odd Semester 2022 - 23)

**SEMESTER-I**

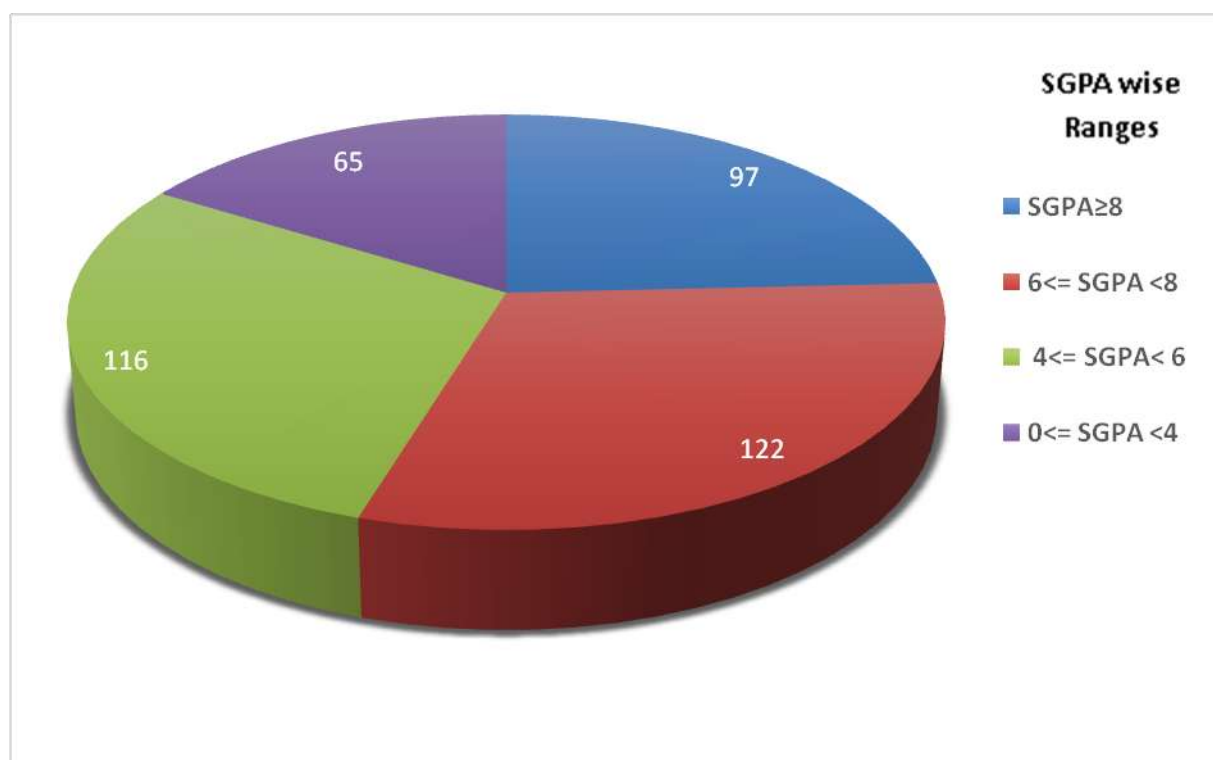
Name of the Course	Semester	No. of Students Appeared	Grade Point Distribution (Max. Grade Point 10)			
			SGPA $\geq$ 8	6 $\leq$ SGPA $<$ 8	4 $\leq$ SGPA $<$ 6	0 $\leq$ SGPA $<$ 4
B.Sc in Agriculture	I	16	1	10	5	0
B.B.A.	I	126	20	30	28	48
B.Com. CFA	I	25	0	5	6	14
B.Com. (Hons.)	I	52	9	15	20	8
BCA	I	171	33	64	59	15
B.Tech. in CSE	I	105	18	29	38	20
B.Tech. CSE in AI & ML	I	27	6	14	7	0
B.Tech. CSE in Cyber Security	I	11	2	5	4	0
B.Tech in CE	I	2	0	0	2	0
B.Tech in ME	I	1	0	0	1	0
B.Tech in EEE	I	2	0	01	01	0
<b>Total</b>		<b>538</b>	<b>89</b>	<b>173</b>	<b>171</b>	<b>105</b>

- Pie Chart for Odd Semester 2022 - 23



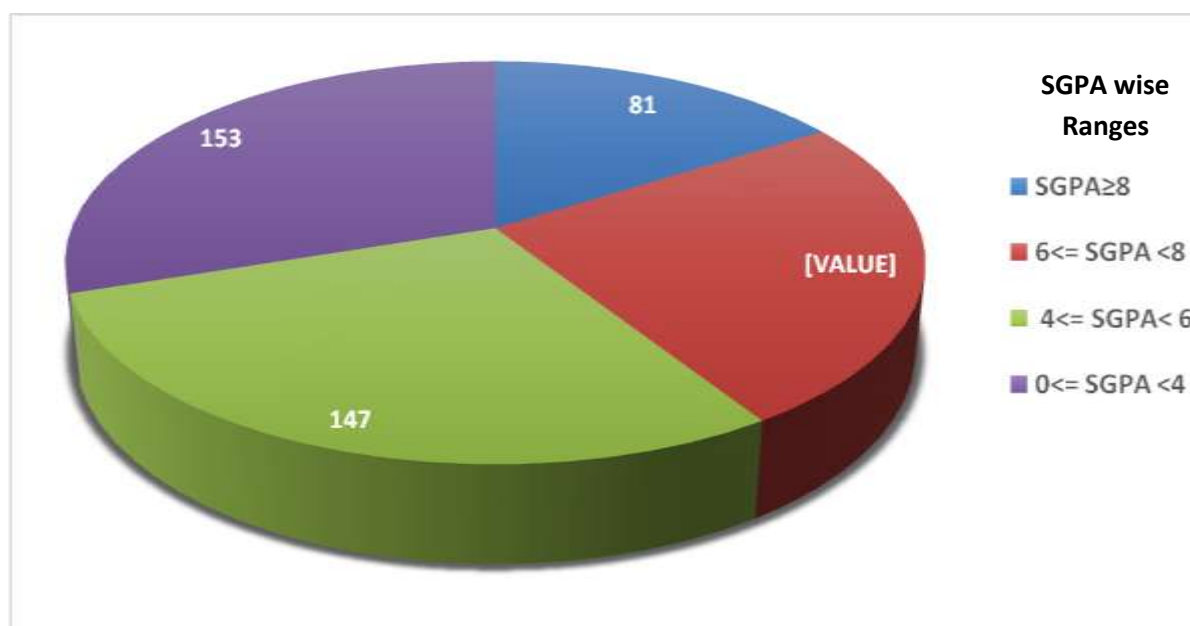
Name of the Course	Semester	No. of Students Appeared	Grade Point Distribution (Max. Grade Point 10)			
			SGPA $\geq$ 8	6 $\leq$ SGPA $<$ 8	4 $\leq$ SGPA $<$ 6	0 $\leq$ SGPA $<$ 4
B.Sc in Agriculture	III	12	2	6	4	0
B.B.A.	III	109	27	35	31	16
B.Com. CFA	III	50	16	12	12	10
B.Com. (Hons.)	III	0	0	0	0	0
BCA	III	121	27	31	38	25
B.Tech. in CSE	III	57	10	22	16	9
B.Tech. CSE in AI & ML	III	30	10	6	10	4
B.Tech. CSE in Cyber Security	III	21	05	10	5	1
B.Tech in CE	III	0	0	0	0	0
B.Tech in ME	III	0	0	0	0	0
B.Tech in EEE	III	0	0	0	0	0
<b>Total</b>		<b>400</b>	<b>97</b>	<b>122</b>	<b>116</b>	<b>65</b>

• **Pie Chart for Odd Semester 2022 - 23**



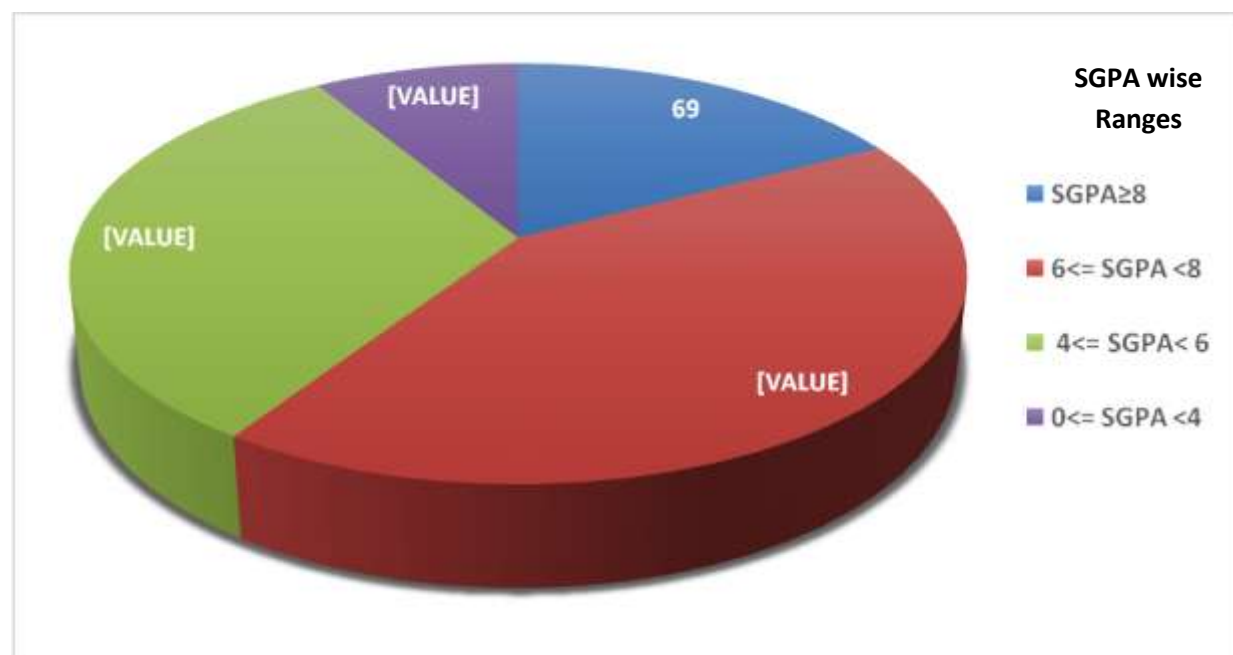
Name of the Course	Semester	No. of Students Appeared	Grade Point Distribution (Max. Grade Point 10)			
			SGPA ≥ 8	6 ≤ SGPA < 8	4 ≤ SGPA < 6	0 ≤ SGPA < 4
B.Sc in Agriculture	II	15	2	8	4	1
B.B.A.	II	113	20	38	25	30
B.Com. CFA	II	21	2	6	5	8
B.Com. (Hons.)	II	52	11	20	13	8
B.C.A	II	168	25	35	43	65
B.Tech. in CSE	II	97	14	17	36	30
B.Tech. CSE in AI & ML	II	26	5	2	16	3
B.Tech. CSE in Cyber Security	II	12	2	1	5	4
B.Tech in CE	II	01	0	0	0	01
B.Tech in ME	II	01	0	0	0	01
B.Tech in EEE	II	02	0	0	0	02
<b>Total</b>		<b>508</b>	<b>81</b>	<b>127</b>	<b>147</b>	<b>153</b>

Pie Chart for Even Semester 2022 - 23



Name of the Course	Semester	No. of Students Appeared	Grade Point Distribution (Max. Grade Point 10)			
			SGPA $\geq$ 8	6 $\leq$ SGPA $<$ 8	4 $\leq$ SGPA $<$ 6	0 $\leq$ SGPA $<$ 4
B.Sc in Agriculture	IV	12	3	5	4	0
B.B.A.	IV	110	1	52	45	12
B.Com. CFA	IV	51	15	13	17	6
B.Com. (Hons.)	IV	0	0	0	0	0
B.C.A	IV	121	25	66	25	5
B.Tech. in CSE	IV	57	8	22	20	7
B.Tech. CSE in AI & ML	IV	30	9	6	11	4
B.Tech. CSE in Cyber Security	IV	22	8	6	7	1
B.Tech in CE	IV	0	0	0	0	0
B.Tech in ME	IV	0	0	0	0	0
B.Tech in EEE	IV	0	0	0	0	0
<b>Total</b>		<b>403</b>	<b>69</b>	<b>170</b>	<b>129</b>	<b>35</b>

Pie Chart for Even Semester 2022 - 23

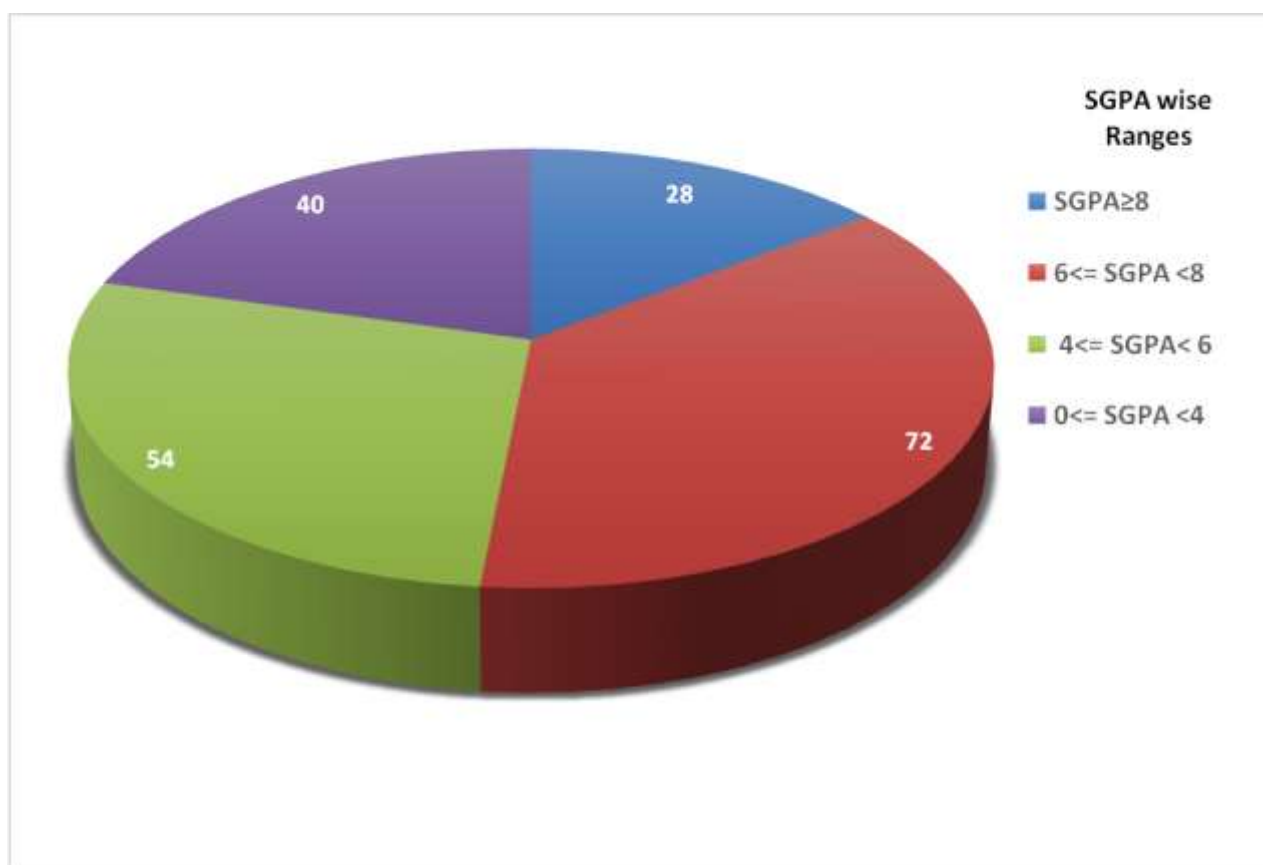


• **PG Programme (Odd Semester 2022 - 23)**

**SEMESTER-I**

Name of the Course	Semester	No. of Students Appeared	Grade Point Distribution (Max. Grade Point 10)			
			SGPA $\geq$ 8	6 $\leq$ SGPA <8	4 $\leq$ SGPA < 6	0 $\leq$ SGPA <4
<b>M.B.A.</b>	I	147	21	48	43	35
<b>M.C.A.</b>	I	44	7	22	10	5
<b>M.Tech (CSE)</b>	I	03	0	2	1	0
<b>Total</b>		<b>194</b>	<b>28</b>	<b>72</b>	<b>54</b>	<b>40</b>

• **Pie Chart for Odd Semester 2022 - 23**

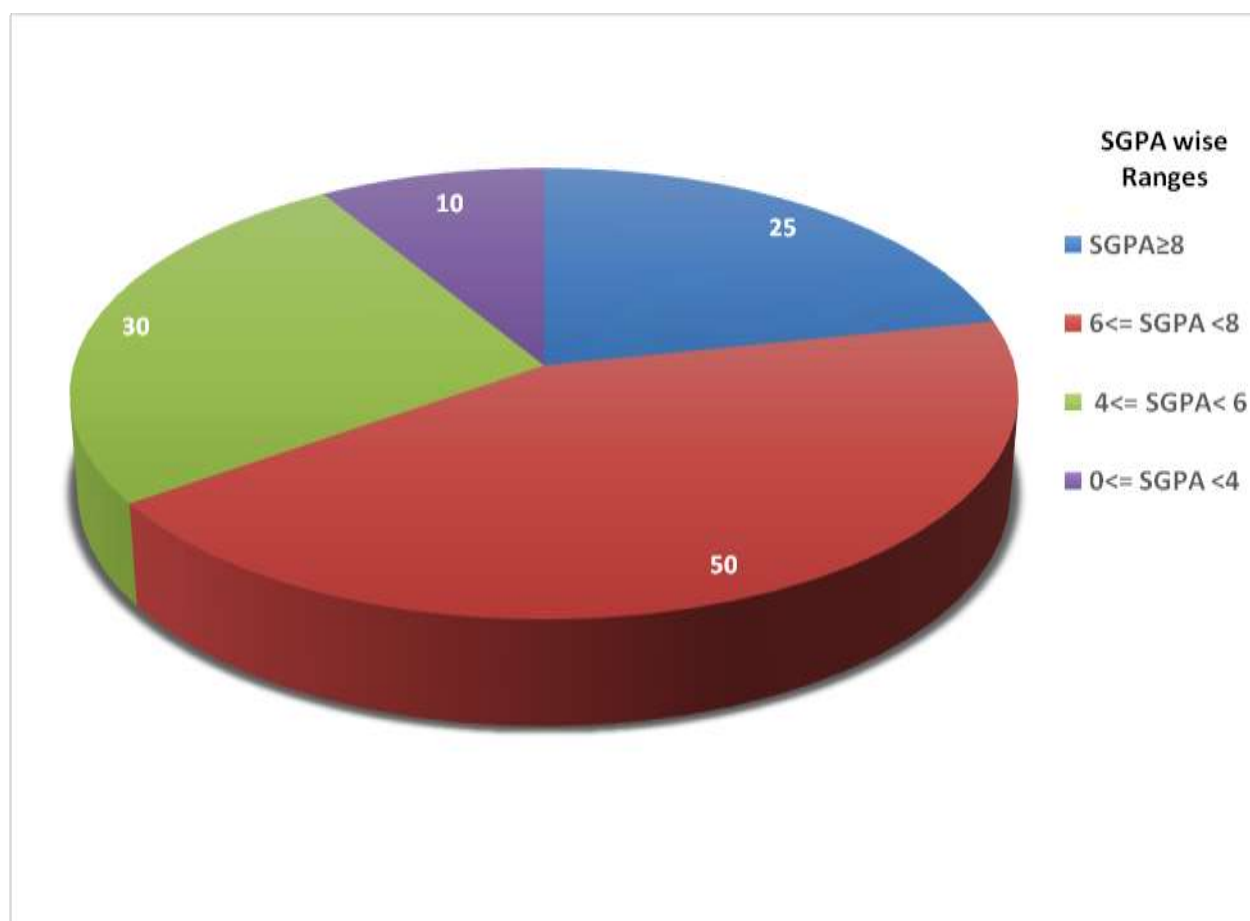


• **PG Programme (Odd Semester 2022 - 23)**

**SEMESTER-III**

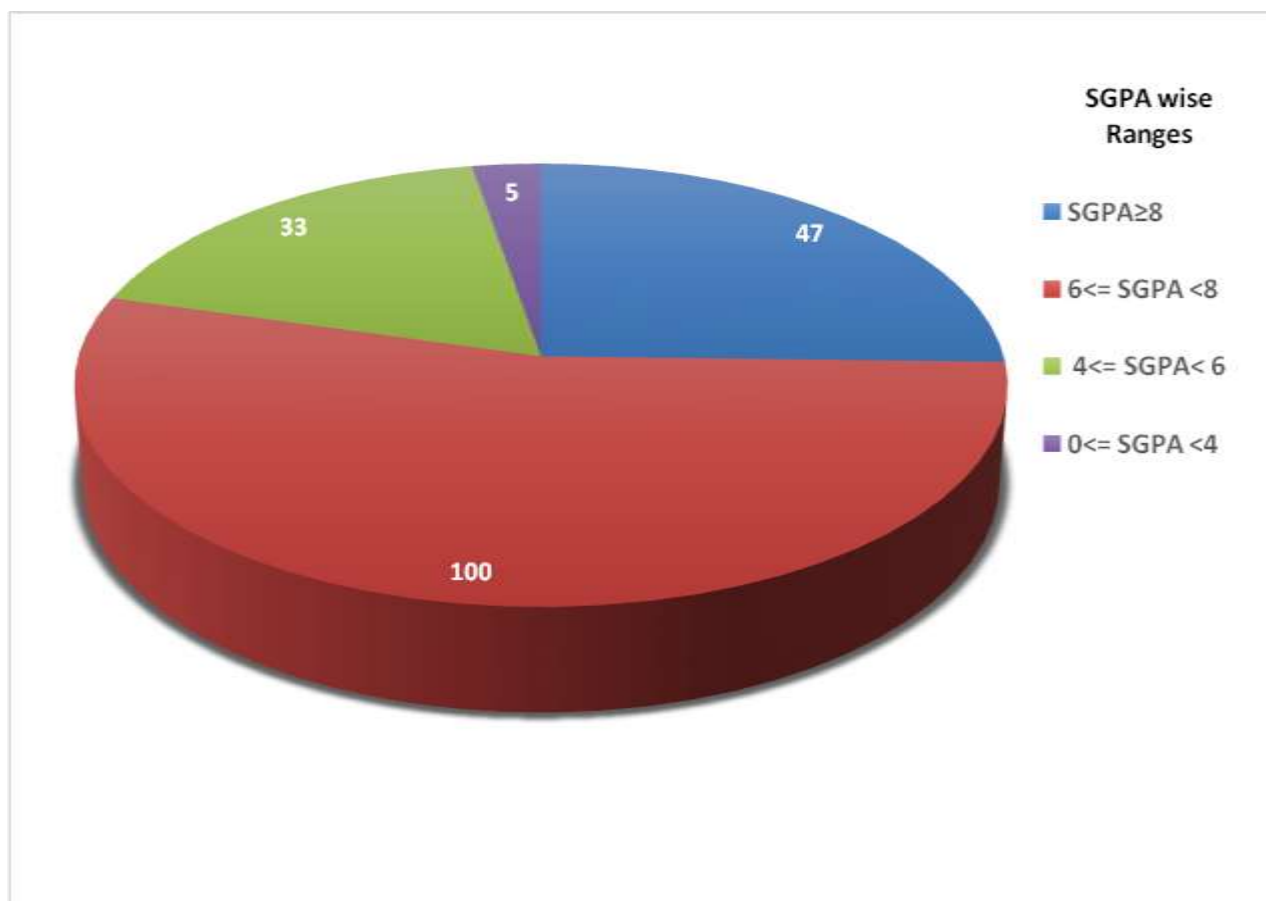
Name of the Course	Semester	No. of Students Appeared	Grade Point Distribution (Max. Grade Point 10)			
			SGPA $\geq$ 8	6 $\leq$ SGPA <8	4 $\leq$ SGPA < 6	0 $\leq$ SGPA <4
<b>M.B.A.</b>	III	90	24	40	17	9
<b>M.C.A.</b>	III	25	1	10	13	1
<b>M.Tech (CSE)</b>	III	0	0	0	0	0
<b>Total</b>		<b>115</b>	<b>25</b>	<b>50</b>	<b>30</b>	<b>10</b>

• **Pie Chart for Odd Semester 2022 - 23**



Name of the Course	Semester	No. of Students Appeared	Grade Point Distribution (Max. Grade Point 10)			
			SGPA $\geq$ 8	6 $\leq$ SGPA <8	4 $\leq$ SGPA <6	0 $\leq$ SGPA <4
<b>M.B.A.</b>	II	140	36	72	29	3
<b>M.C.A.</b>	II	43	11	26	4	2
<b>M.Tech (CSE)</b>	II	02	0	02	0	0
<b>Total</b>		<b>185</b>	<b>47</b>	<b>100</b>	<b>33</b>	<b>5</b>

• **Pie Chart for Even Semester 2022 - 23**

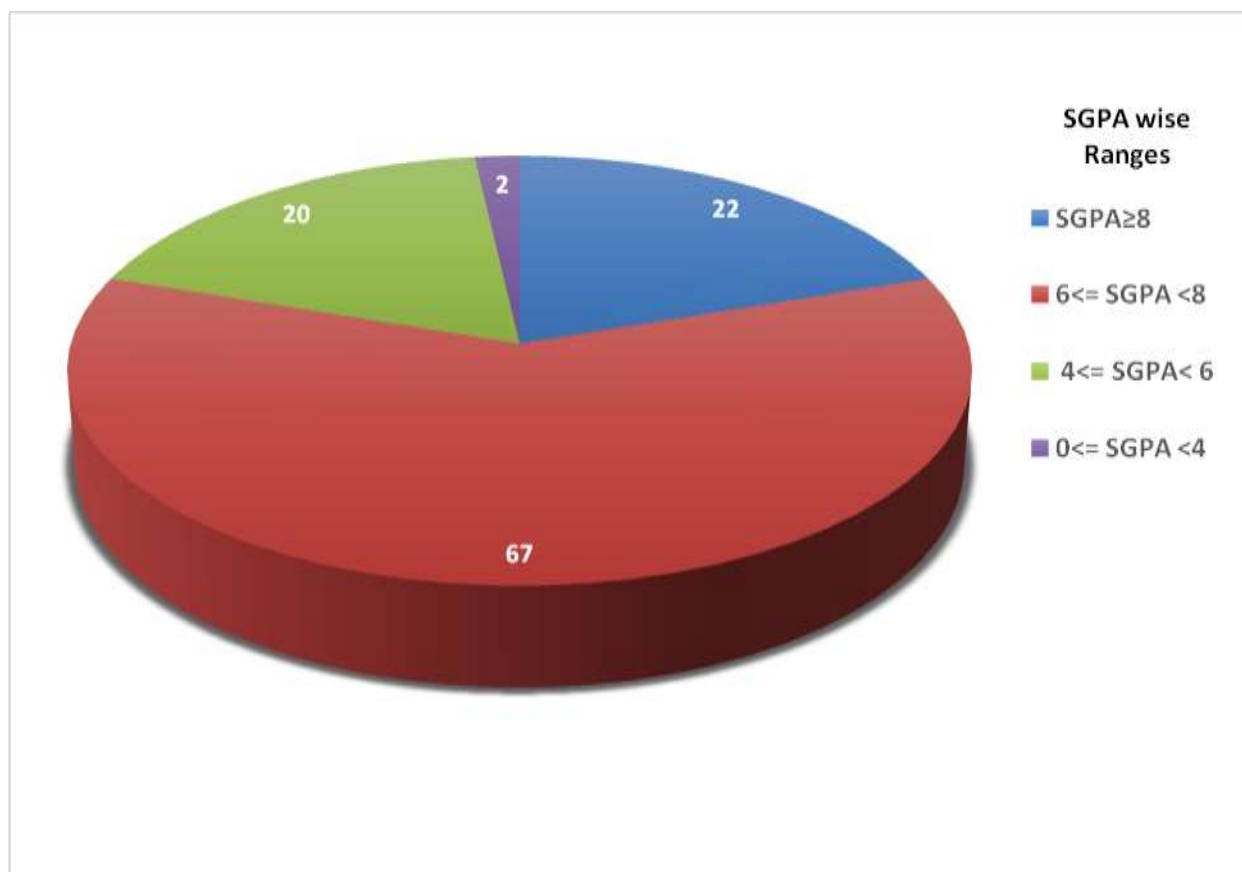


• **PG Programme (Even Semester 2022 - 23)**

**SEMESTER-IV**

Name of the Course	Semester	No. of Students Appeared	Grade Point Distribution (Max. Grade Point 10)			
			SGPA $\geq$ 8	6 $\leq$ SGPA <8	4 $\leq$ SGPA < 6	0 $\leq$ SGPA <4
<b>M.B.A.</b>	IV	86	18	51	15	2
<b>M.C.A.</b>	IV	25	4	16	5	0
<b>M.Tech (CSE)</b>	IV	0	0	0	0	0
<b>Total</b>		<b>111</b>	<b>22</b>	<b>67</b>	<b>20</b>	<b>2</b>

• **Pie Chart for Even Semester 2022 - 23**



- **Grievance Redressal of Examinations**

During the Academic Session 2022 - 23, the grievance related to examinations raised by the students and actions taken by the Examination Department are as under:

<b>Sr. No.</b>	<b>College Name</b>	<b>Number of applications received from Students</b>
1)	College of Business Studies	--
2)	College of Computing	--
3)	College of Smart Agricultural Sciences	--
4)	College of Design	--
<b>Total</b>		--

- **Re-Evaluation of Result**

During the Academic Session 2022-23, 1207 students appeared in the examinations for different courses and 17 cases of grievances were reported. Out of 17 cases, there was a change of marks in 13 cases. The Re-evaluation cases of analysis for the Academic Session 2022-23 are as under:

<b>Sr. No.</b>	<b>Year/Session</b>	<b>Number of applications received for Re-evaluation</b>	<b>Number of Re-evaluation cases where marks changed</b>
1)	2022-23		
	a) Odd Sem	01	01
	b) Even Sem	16	12

## Accounts Statement for Academic Session 2022-23

<b>University of Engineering and Technology Roorkee(UETR)</b>			
(UNIT OF SETH ROSHAN LAL JAIN TRUST)			
7TH KM. ROORKEE HARIDWAR ROAD, VARDHMANPURAM, ROORKEE			
INCOME & EXPENDITURE ACCOUNT AS ON 31.03.2023			
Particulars	Amount (Rs.) 31-Mar-2023	Particulars	Amount (Rs.) 31-Mar-2023
Institutional Scholarship	30,462,414	Gross Receipts	163,537,192.00
Human Resources Expenses	41,078,487		
Examiner's Remuneration	376,485		
Financial Expenses	13,364,244		
Library Expenditure	15,668		
Maintenance of Physical Facilities	4,544,310		
Maintenance of academic facilities	17,719,314		
Admission Promotion Exp	1,502,201		
Advertisement	1,863,678		
Affiliation and Inspection Fee	110,000		
Award Distribution	248,531		
Bank Charges	27,311		
Business Promotion Exp	2,384,266		
Computer Accessories	37,350		
Conveyance	396		
Depreciation	743,175		
Diesel	1,851,601		
Dress Material	2,824,556		
Electricity Charges	1,965,658		
E.P.F	120,600		
ERP Expenses	1,085,133		
Examination Fees (Paid)	37,145		
Fees & Taxes	146,700		
Freight & Cartage	16,478		
Function Exp.	7,992,254		
Honorarium	1,150,262		
Horticulture Exp	7,300		
Hotel Exp.	129,857		
Internship Expenses	108,000		
Kitchen Exp.	70,673		
Laboratory Expenses	112,508		
Legal Exp.	6,790		
Office Exp.	280,210		
Postage	1,100		
Printing & Stationery	1,358,602		
Research and Development	20,900		
Security Exp.	1,500,000		
Social Welfare	3,350		
Software Exp.	25,964		
Sports Exp	81,451		
Staff Refreshment Expenses	38,997		
Telephone Exp	18,700		
Training & Placement Exp	82,000		
Travelling Exp.	489,683		
Website Design & Development	1,556,986		
Workshop and Seminar	29,563		
<b>Nett Profit</b>	<b>25,956,264</b>		
<b>Total</b>	<b>163,537,192</b>	<b>Total</b>	<b>163,537,192</b>

M/s Shweta Goel & Co.  
FRN-034678C

For Seth Roshan Lal Jain Trust



Dr Shweta Goel  
M.No-411278  
Date:-29.09.2023  
Place:-Roorkee  
UDIN-23411278BGWANG6716

Jinesh Chand Jain  
Chairman

For Seth Roshan Lal Jain Trust

Shriyansh Jain

Trustee

For Seth Roshan Lal Jain Trust

(Trustee)

University of Engineering and Technology Roorkee(UETR)			
(UNIT OF SETH ROSHAN LAL JAIN TRUST)			
7TH KM. ROORKEE HARIDWAR ROAD, VARDHMANPURAM, ROORKEE			
BALANCE SHEET AS ON 31.03.2023			
Liabilities	31/03/2023	Assets	31/03/2023
Capital Account (As per Sch. 1)	44,320,023.11	Fixed Assets	6,355,048.00
Inter Group Units (Liability)		Current Assets	
COER College of Ayurveda and Hospital	-	Loans & Advances (Asset) (As per Sch. 7)	3,758,271.00
Seth Roshan Lal Jain Trust	9,922,650.00	Cash-in-hand	3,002,531.00
College of Engineering Roorkee	26,221,264.00	Bank Accounts (As per Schedule 4)	390,106.31
Loans (Liability)		Fee Receivables (As per Sch. 8)	29,604,184.00
Unsecured Loans (As per Sch. 2)	-	Imprest A/c (As per Sch. 9)	650.00
Current Liabilities		Investments	
Provision & Payables (As per Sch. 5)	5,062,930.00	FDR	50,000,000.00
Sundry Creditors (As per Sch. 6)	4,503,433.20	Inter Group Units (Assets)	
Security Refund (As per Sch. 2)	4,094,477.00	COER College of Nuring & Paramedical Scienc	1,508,750.00
Alumni Association	4,203,980.00	COER College of Paramedical Sciences Roor	1,300,000.00
TDS Deducted (As per Sch. 3)	130,952.00	COER Medical College of Ayurveda & Hospita	4,485,676.00
Staff Welfare Fund	524,657.00		
Admission Withdarawl Payable	1,420,850.00		
Total	100,405,216.31	Total	100,405,216.31

M/s Shweta Goel & Co.  
FRN:-034678C


CA Shweta Goel  
M.No-411278  
Date:-29.09.2023  
Place:-Roorkee  
UDIN:-23411278BGWANG6716

For Seth Roshan Lal Jain Trust

For Seth Roshan Lal Jain Trust

  
(Trustee)  
Jinesh Chand Jain  
Chairman

For Seth Roshan Lal Jain Trust

  
(Trustee)  
Shriyansh Jain  
Trustee

**University of Engineering and Technology Roorkee(UETR)**  
**9TH KM, HARIDWAR DELHI ROAD JAWALPUR, HARIDWAR**  
**AS ON 31.03.2023**

**SCHEDULE:- 1**

SCHEDULE OF CAPITAL FUND		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
	Opening Balance on 01.04.2020	18,363,759
	Add: During the year	25,956,264
		<b>44,320,023</b>

**SCHEDULE:- 2**

SCHEDULE SECURITY RECEIVED		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
1	Student Security BBA	396,450
2	Student Security BCA	453,900
3	Student Security B.Com	222,900
4	Student Security BFA	15,000
5	Student Security BSC	30,600
6	Student Security B.Tech	1,619,830
7	Student Security MBA	1,088,097
8	Student Security MCA	267,700
	<b>Total</b>	<b>4,094,477</b>

**SCHEDULE:- 3**

SCHEDULE OF TDS DEDUCTED		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
	TDS 92 (Salary)	95,280
	TDS 194C (Contractors)	513
	TDS 194J (Professional)	35,159
		<b>130,952</b>

**SCHEDULE:- 4**

SCHEDULE OF BANK ACCOUNTS		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
1	Axis Bank 921010022567250	366,293
2	PNB Bank 4044002100008584	3,819
3	Axis Swipe Machine	19,994
		<b>390,106</b>

**SCHEDULE:- 5**

SCHEDULE OF PROVISION & PAYABLES		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
1	E.P.F Payable	25,200
2	Salary Payable	4,893,851
3	Wages Payable	143,879
	<b>Total</b>	<b>5,062,930</b>

**SCHEDULE:- 6**

SCHEDULE OF CREDITORS		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
1	Ambay Surgical Supplier	166,651
2	Ambrosia Sarovar Portico	87,627
3	Archit Saini (Supplier)	6,750
4	A.R Enterprises	7,000
5	Arihant Computers and Traders	7,220
6	Arihant Steel Industries	1

For Seth Roshan Lal Jain Tru

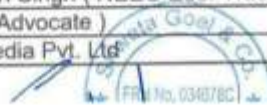


9	Bansal Reprographics	29,750
10	Cyborg IT Services Pvt Ltd	307,194
11	Dr. S.P Gupta (Imp)	37,000
12	Falcon Advertising and Marketing	6,964
13	Gift Ezee Delhi	600
16	Indra Book Emporium	550,102
17	Israr	911,841
18	Jain Offset Press	23,600
19	Jogindra Book Depot	62,684
20	Krishna Uniform	1,330,689
21	Maa Construction Company	36,683
22	Malhotra Bag House	16,284
23	MANTHAN MEDIA	98,933
25	MOHD SHOAB AHMED-(Shueb)	19,453
26	Mukesh Kumar(Plumber)	1,943
29	Perfect Solutions and Services	118,800
31	Roorkee Supply Depot	43,200
32	Sanjay Dhiman	20
33	Sanjay Sanitary Store	94,092
34	Santosh Kumawat	24,250
35	Saraswati Supply Agency	2,221
36	Shashi Rani	141,270
37	Shilu Interiors	48,729
38	SHREE ADINATH ENTERPRISES	109,590
39	Shreekanth Buildtron Pvt Ltd	400
41	S K Scientific and Optical Works	4,210
42	Teenovations	154,715
43	Vardhman Sports and Health	52,967
	<b>Total</b>	<b>4,503,433</b>

**SCHEDULE:- 7**

SCHEDULE OF LOANS & ADVANCES		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
	<b>Salary Advance</b>	
1	Anurag Singh (Adv.Salary)	66,000
2	Kapil Kumar ( Adv Sal )	50,000
3	Mahima Shivani ( Adv Sal )	50,000
4	Manoj Dhiman Imp.-C/O(Adv.Salary)	16,000
5	Navneet Vivek ( Adv Sal )	50,000
6	Prakash Bhatnagar ( Adv Sal )	50,000
7	Sohan Lal (Sal Adv.)	50,000
8	Sonu Kumar (Sal.Adv)	45,000
9	Usha Rani (Adv.Salary)	38,000
10	Amardeep Designs India Pvt. Ltd.	38,940
11	Association of Indian Universities (AIU)	177,000
12	Association of Private Nursing Institution	39,000
13	Bhagwati Trading Co.	225,000
14	CCE Skill Development Pvt Ltd	10,000
15	Event India	20,000
16	Global Infoventure Pvt Ltd	600,000
17	Kiran Data Form Pvt Ltd	100,440
18	MANSAROVER ASSOCIATES	251
19	M K Educational Service	10,000
20	Ngangkham Suresh Singh ( NEEC Edu. Trust )	20,000
21	Raj Kumar Ruhil ( Advocate )	35,000
22	SS Exhibition & Media Pvt. Ltd	152,640

For Seth Roshan Lal Jain Trust



23	Unique Traders Delhi	10,000
24	Win Exposition	50,000
25	Texplas India Pvt Ltd	1,855,000
	<b>Total</b>	<b>3,758,271</b>

**SCHEDULE:- 8**

SCHEDULE OF FEE RECEIVABLES		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
1	Fee Receivable-BBA	4,821,782
2	Fee Receivable-BCA	4,421,226
3	Fee Receivable-B.Com	2,130,613
4	Fee Receivable-BFA	50,680
5	Fee Receivable-B.Sc	693,490
6	Fee Receivable-B.Tech	8,328,667
7	Fee Receivable-MBA	7,414,036
8	Fee Receivable-MCA	1,755,190
9	Fee Receivable-M.Tech	78,500
10	Fee Receivable-Ph.D	-90,000
	<b>Total</b>	<b>29,604,184</b>

**SCHEDULE:- 9**

SCHEDULE OF IMPREST		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
1	Dr. Sunita Rani Imp.	-
2	ASHOK KUMAR ( COMPUTER LAB)	650
	<b>Total</b>	<b>650</b>



For Seth Roshan Lal Jain Trust

*(Signature)*  
(Trustee)

For Seth Roshan Lal Jain Trust

*(Signature)*  
(Trustee)

COER MEDICAL COLLEGE OF AYURVEDA & HOSPITAL			
(UNIT OF SETH ROSHAN LAL JAIN TRUST)			
7TH KM. ROORKEE HARIDWAR ROAD, VARDHMANPURAM, ROORKEE			
INCOME & EXPENDITURE ACCOUNT AS ON 31.03.2023			
Particulars	31/03/2023	Particulars	31/03/2023
<b>Indirect Expenses</b>		<b>Indirect Incomes</b>	
Financial Expenses	5,000,070	Gross Receipts	44,386,329
Advertisement	1,188,382		
Affiliation and Inspection Fee	600,500		
Award Distribution	6,000		
Bans Lab Exp.	3,375		
Bank Charges	11,404		
Maintenance of Physical Facilities	3,639,540		
Computer Accessories	5,900		
Conveyance	402,642		
Dress Material	8,060		
Enrolment Fees	804,000		
ERP Expenses	300,000		
E.P.F	43,200		
Depreciation	1,340,224		
Diesel	1,234,400		
Electricity Charges	1,318,868		
FEES & TAXES	415,100		
Function Exp.	47,417		
Honorarium	332,500		
Human Resources Expenses	15,856,883		
Kitchen Exp.	67,877		
Lab Consumables	22,950		
Legal Exp.	104,880		
Maintenance of academic facilities	7,609,528		
Medical Consumable Exp	9,776		
Medical Waste Management Expenses	399,980		
Medicine Exp.	435,950		
Office Exp.	117,990		
Oxygen Cylinder Refilling	7,010		
Panchikarma Exp.	115,906		
Pathology Lab Exp.	72,152		
Physiotherapy Expenses	16,438		
Printing & Stationery	710,084		
Institutional Scholarship	773,000		
Security Exp.	400,000		
Social Welfare	3,000		
SOFTWARE EXP.	8,800		
Staff Refreshment Expenses	10,966		
Staff Welfare	11,333		
Student Welfare	15,000		
Travelling Exp.	33,627		
Website Design & Development	95,330		
X Ray Film Exp	12,096		
<b>Excess of income over expenditure</b>	<b>772,673</b>		
<b>Total</b>	<b>44,386,329</b>	<b>Total</b>	<b>44,386,329</b>

M/s Shweta Goel & Co.  
FRN:-034678C



CA Shweta Goel  
M.No-411278  
Date:-29.09.2023  
Place:-Roorkee  
UDIN:-23411278BGGWANG6716

For Seth Roshan Lal Jain Trust

For Seth Roshan Lal Jain Trust

(Trustee)  
Jivesh Chand Jain  
Chairman

For Seth Roshan Lal Jain Trust

(Trustee)  
Shriyansh Jain  
Trustee

COER Medical College of Ayurveda & Hospital			
(UNIT OF SETH ROSHAN LAL JAIN TRUST)			
7TH KM. ROORKEE HARIDWAR ROAD, VARDHMANPURAM, ROORKEE			
BALANCE SHEET AS ON 31.03.2023			
Liabilities	31/03/2023	Assets	31/03/2023
Capital Account (As per Sch. 1)	(7,366,315)	Fixed Assets	7,810,868
Inter Group Units (Liability)		Current Assets	
College of Engineering Roorkee	41,465,392	Loans & Advances (Asset) (As per Sch. 7)	3,325,499
Seth Roshan Lal Jain Trust	4,855,000	Cash-in-hand	728,154
University of Engineering and Technology	4,485,676	Bank Accounts (As per Sch. 4)	654,079
		Fee Receivables (As per Sch. 8)	23,652,750
Current Liabilities		Imprest A/c (As per Sch. 9)	1,375,503
Provision & Payables (As per Sch. 5)	5,378,192	Security Deposit (As per Sch. 10)	12,500,000
Sundry Creditors (As per Sch. 6)	1,329,240		
Alumni Association	236,000	Inter Group Units (Assets)	
Security (As per Sch. 2)	495,000	Coer College of Nursing & Paramedical Science	729,971
TDS Deducted (As per Sch. 3)	49,080	Coer College of Paramedical Sciences	326,863
Staff Welfare Fund	176,422	University of Engineering and Technology-Roorkee	-
<b>Total</b>	<b>51,103,687</b>	<b>Total</b>	<b>51,103,687</b>

M/s Shweta Goel & Co.  
FRN:-034678C



CA Shweta Goel  
M.No-411278  
Date:-29.09.2023  
Place:-Roorkee  
UDIN:-23411278BGWANG6716

For Seth Roshan Lal Jain Trust

For Seth Roshan Lal Jain Trust

(Trustee)

Jinesh Chand Jain  
Chairman

For Seth Roshan Lal Jain Trust

(Trustee)

Shriyansh Jain  
Trustee

**COER Medical College of Ayurveda & Hospital**  
**9TH KM, HARIDWAR DELHI ROAD JAWALPUR, HARIDWAR**  
**AS ON 31.03.2023**

**SCHEDULE:- 1**

SCHEDULE OF CAPITAL FUND		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
	Opening Balance on 01.04.2021	-8138988
	Add: During the year	772673
		<b>-7366315</b>

**SCHEDULE:- 2**

SCHEDULE SECURITY RECEIVED		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
1	Student Security - BAMS	495000
	<b>Total</b>	<b>495000</b>

**SCHEDULE:- 3**

SCHEDULE OF TDS DEDUCTED		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
	TDS 92 (Salary)	49080
		<b>49080</b>

**SCHEDULE:- 4**

SCHEDULE OF BANK ACCOUNTS		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
	Axis Bank 921010020274970	650495
	PNB Bank 4044002100008575	3583
		<b>654079</b>

**SCHEDULE:- 5**

SCHEDULE OF PROVISION & PAYABLES		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
1	E.P.F Payable	7,200
2	Salary Payable	5,180,171
3	Wages Payable	190,821
	<b>Total</b>	<b>5,378,192</b>

**SCHEDULE:- 6**

SCHEDULE OF CREDITORS		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
1	Aggarwal Electric Co.	2,960
2	Ambay Surgical Suppliers	115,263
3	Falcon Advertising and Marketing	6,490
4	Israr	29,700
5	Khanduja Furniture	16,000
6	Matrix Solution (I) INC	5,414
7	Medical Imaging & Allied Products	597,279
8	Medical Pollution Control Committee	19,980
9	Raza Construction	86,930
10	Sai Baba Printing Press	54,600
11	SANJAY SANITARY STORE	97,186
12	Teenovation	209,260
13	Vishesh Radiographics	88,178
	<b>Total</b>	<b>1,329,240</b>

**SCHEDULE:- 7**

SCHEDULE OF LOANS & ADVANCES		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
	<b>Salary Advance</b>	
1	Umesh Vasant Sawant	54,000
2	Imran	510
3	Mr. Ashish Saini	10,000
4	Anita Kumari Khandelwal	30,000
5	CBS Publisher & Distributors Pvt Ltd	1,512
6	Durga Trader	16,623
7	Fujifilm India Pvt. Ltd.	30,000
8	Navneet Kaushik Advocate	110,000
9	Pharmacy Council of India	1,062,000
10	Q Line Biotech	23,600
11	Renu Gupta	12,000
12	Singhla Scientific Industries	1,706,204
13	Society of Clinical Anatomists Conference 2023	100,000
14	Sompal	129,050
15	Syed Razia	40,000
	<b>Total</b>	<b>3,325,499</b>

For Seth Roshan Lal Jain Trust

  
(Trustee)

For Seth Roshan Lal Jain Trust

  
(Trustee)

SCHEDULE:- 8		31/03/2023
SCHEDULE OF FEE RECEIVABLES		Amount in Rs.
1	Fee Receivables BAMS	23,652,750
<b>Total</b>		<b>23,652,750</b>

SCHEDULE:- 9		31/03/2023
SCHEDULE OF IMPREST		Amount in Rs.
1	Atul Kumar Imp.	2,000
2	Chandra Mohan Singh Imp.	5,215
3	Dr.Deepa Sharma Imp.	10,000
4	Dr.Hemraj Imp.	1,610
5	Dr.Prachi Chaudhary Imp.	4,969
6	Hospital Imprest	15,512
7	KANWAR PAL IMP	5,288
8	Manish Kumar Imp.(Registrar)	1,325,909
9	Pawan Kumar Gupta	5,000
<b>Total</b>		<b>1,375,503</b>

SCHEDULE:- 10		31/03/2023
SCHEDULE OF Security Deposit		Amount in Rs.
1	Security-Ayurveda College (BAMS)	12,500,000
<b>Total</b>		<b>12,500,000</b>



For Seth Roshan Lal Jain Trust:

  
(Trustee)

For Seth Roshan Lal Jain Trust:

  
(Trustee)

COER COLLEGE OF NURSING AND PARAMEDICAL SCIENCES			
(UNIT OF SETH ROSHAN LAL JAIN TRUST)			
7TH KM. ROORKEE HARIDWAR ROAD, VARDHMANPURAM, ROORKEE			
INCOME & EXPENDITURE ACCOUNT AS ON 31.03.2023			
Particulars	Amount (Rs.)	Particulars	Amount (Rs.)
<b>Indirect Expenses</b>		<b>Indirect Incomes</b>	
Advertisement	700,000	Gross Receipts	9,299,192
Affiliation and Inspection Fee	140,000		
Bank Charges	1,653		
Maintenance of Physical Facilities	1,500,000		
Conveyance	300,000		
ERP Expenses	300,000		
EXAMINATION FEES (PAID)	189,750		
Function Exp.	4,155		
Human Resources Expenses	2,002,858		
Legal Exp.	200		
Maintenance of academic facilities	1,300,000		
Printing & Stationery	300,000		
Institutional Scholarship	877,302		
Security Exp.	300,000		
Training & Placement Exp	150,000		
Website Design & Development	157,919		
Excess of expenditure over income	1,075,355		
<b>Total</b>	<b>9,299,192</b>	<b>Total</b>	<b>9,299,192</b>

M/s Shweta Goel & Co.  
FRN:-034678C

For Seth Roshan Lal Jain Trust

  
Shweta Goel  
M.No-411278

Date:-29.09.2023

Place:-Roorkee

UDIN:-23411278BGWANG6716

For Seth Roshan Lal Jain Trust

  
(Trustee)  
Jyoti Chand Jain  
Chairman

For Seth Roshan Lal Jain Trust

  
(Trustee)  
Shriyash Jain  
Trustee

COER COLLEGE OF NURSING PARAMEDICAL SCIENCES ROORKEE			
(UNIT OF SETH ROSHAN LAL JAIN TRUST)			
7TH KM. ROORKEE HARIDWAR ROAD, VARDHMANPURAM, ROORKEE			
BALANCE SHEET AS ON 31.03.2023			
Liabilities	Amount ( Rs.)	Assets	Amount ( Rs.)
Capital Account (As per Sch. 1)	1,075,355	Fixed Assets	-
		Current Assets	
Inter Group Units (Liability)		Loans & Advances (Asset)	
College of Engineering Roorkee	3,929,285	Cash-in-hand	381,565
Seth Roshan Lal Jain Trust	174,500	Bank Accounts (As per Sch. 6)	3,347
University of Engineering and Technology	1,508,750	Fee Receivables (As per Sch. 5)	7,791,839
COER Medical College of Ayurveda and H	729,971		
Current Liabilities			
Provision & Payables (As per Sch. 4)	254,130		
Staff Welfare Fund	33,990		
Alumni Association	132,000		
Security (As per Sch. 2)	335,000		
TDS Deducted (As per Sch. 2)	3,770		
Total	8,176,751	Total	8,176,751

M/s Shweta Goel & Co.  
FRN-030468N

For Seth Roshan Lal Jain Trust

  
Shweta Goel  
M.No-411278  
Date-29.09.2023  
Place-Roorkee  
UDIN-25411278BGWANG6716



For Seth Roshan Lal Jain Trust

  
(Trustee)  
Jinesh Chand Jain  
Chairman

For Seth Roshan Lal Jain Trust

  
(Trustee)  
Shriyansh Jain  
Trustee

**COER COLLEGE OF NURSING AND PARAMEDICAL SCIENCES**  
(UNIT OF SETH ROSHAN LAL JAIN TRUST)  
9TH KM, HARIDWAR DELHI ROAD JAWALPUR, HARIDWAR  
AS ON 31.03.2023

**SCHEDULE:- 1**

SCHEDULE OF CAPITAL FUND		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
	Opening Balance on 01.04.2021	0
	Add: During the year	1075355
		1075355

**SCHEDULE:- 2**

SCHEDULE SECURITY RECEIVED		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
1	Student Security Nursing	335000
	<b>Total</b>	<b>335000</b>

**SCHEDULE:- 3**

SCHEDULE OF TDS DEDUCTED		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
	Opening Balance on 01.04.2023	0
	Add: During the year	3770
		3770

**SCHEDULE:- 4**

SCHEDULE OF PROVISION & PAYABLES		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
1	Salary Payable	254,130
	<b>Total</b>	<b>254,130</b>

**SCHEDULE:- 5**

SCHEDULE OF FEE RECEIVABLES		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
1	Fee Receivable - Nursing	7,791,839
	<b>Total</b>	<b>7,791,839</b>

**SCHEDULE:- 6**

SCHEDULE OF BANKS		31/03/2023
S.NO.	PARTICULARS	Amount in Rs.
1	PNB Bank A/c 4044002100008593	3347.41
<b>TOTAL</b>	<b>TOTAL</b>	<b>3,347</b>




For Seth Roshan Lal Jain Trust:

  
(Trustee)

For Seth Roshan Lal Jain Trust

  
(Trustee)

COER COLLEGE OF PARAMEDICAL SCIENCES ROORKEE			
(UNIT OF SETH ROSHAN LAL JAIN TRUST)			
7TH KM. ROORKEE HARIDWAR ROAD, VARDHMANPURAM, ROORKEE			
BALANCE SHEET AS ON 31.03.2023			
Liabilities	Amount (Rs.)	Assets	Amount (Rs.)
Capital Account (As per Sch. 1)	201,942	Fixed Assets	-
Inter Group Units (Liability)		Current Assets	
College of Engineering Roorkee	2,569,098	Loans & Advances (Asset)	-
Seth Roshan Lal Jain Trust	105,000	Cash-in-hand	537,462
University of Engineering and Technology	1,300,000	Bank Accounts	-
COER Medical College of Ayurveda & Hos	326,863	Fee Receivables (As per Sch. 5)	4,601,881
Current Liabilities			
Provision & Payables (As per Sch. 4)	185,500		
Staff Welfare Fund	28,060		
Alumni Association	132,000		
Security (As per Sch. 2)	290,000		
TDS Deducted (As per Sch. 2)	880		
<b>Total</b>	<b>5,139,343</b>	<b>Total</b>	<b>5,139,343</b>

M/s Shweta Goel & Co.  
FRN-034678C

For Seth Roshan Lal Jain Trust

  
  
 M/s Shweta Goel  
 M.No-411278  
 Date-29.09.2023  
 Place-Roorkee  
 UDIN-23411278BGWANG6718

For Seth Roshan Lal Jain Trust

  
 Jinesh Chand Jain  
 Chairman

For Seth Roshan Lal Jain Trust

  
 (Trustee)  
 Shriyansh Jain  
 Trustee

COER COLLEGE OF PARAMEDICAL SCIENCES ROORKEE			
(UNIT OF SETH ROSHAN LAL JAIN TRUST)			
7TH KM. ROORKEE HARIDWAR ROAD, VARDHMANPURAM, ROORKEE			
INCOME & EXPENDITURE ACCOUNT AS ON 31.03.2023			
Particulars	Amount (Rs.)	Particulars	Amount (Rs.)
<b>Indirect Expenses</b>		<b>Indirect Incomes</b>	
Advertisement	700,000	Gross Receipts	6,372,250
Maintenance of Physical Facilities	500,000		
Conveyance	300,000		
ERP Expenses	300,000		
Human Resources Expenses	1,619,480		
Maintenance of academic facilities	1,300,000		
Printing & Stationery	300,000		
Institutional Scholarship	833,750		
Security Exp.	300,000		
Website Design & Development	17,078		
<b>Excess of expenditure over income</b>	<b>201,942</b>		
<b>Total</b>	<b>6,372,250</b>	<b>Total</b>	<b>6,372,250</b>

M/s Shweta Goel & Co.  
FRN:-034678C



Shweta Goel  
M.No-411278  
Date:-29.09.2023  
Place:-Roorkee  
UDIN:-23411278BGWANG6716

For Seth Roshan Lal Jain Trust

For Seth Roshan Lal Jain Trust

(Trustee)

Jinesh Chand Jain  
Chairman

For Seth Roshan Lal Jain Trust

(Trustee)

Shriyansh Jain  
Trustee

**University of Engineering & Technology Roorkee (UETR)**  
**7TH KM. ROORKEE HARIDWAR ROAD, VARDHMANPURAM, ROORKEE**  
**Expenditure for infrastructure augment**

**SCHEDULE:- 7**

Depreciation schedule as on 31.03.2023

S.No.	Particulars	Rate of Dep.	Gross Block		During the year 2022-23		Addition 2nd Half		Total as on 31.03.23	Depreciation		MDV	
			As on 31.03.22	Transfer	Addition 1st Half	Adoption 2nd Half	As on 31.03.22	During the year 22-23		As on 31.03.23	As on 31.03.22	As on 31.03.23	
1	Building UETR	5%	1,953,145				94,095	1,953,145	92,952	187,048	1,859,049	1,786,097	
2	Furniture & Fixture	10%	165,200		150,000	901,850	8,260	1,217,050	75,787	84,047	156,940	1,131,004	
3	Printer	15%	31,900			27,499	2,393	99,399	6,488	8,881	29,507	50,518	
4	AIR CONDITIONER	15%			211,600	415,740	677,340	62,921	62,921	3,894	3,894	564,420	
5	Biometric Machine	15%			25,960		25,960	1,682,175	176,163	1,628	1,556,012	22,066	
6	Laboratory Equipments	15%					21,700	23,900	1,793	1,793	20,073	22,108	
7	Office Equipments	15%			62,684	1,326,858	1,389,543	290,445	83,320	290,445	1,099,098	1,099,098	
8	Refrigerator	40%					160,230	32,045	51,274	128,184	76,910	76,910	
9	Books	40%					93,220	18,544	29,880	40,474	74,576	44,746	
10	Computer	40%											
11	ERP Server	40%											
			2,403,695		450,244	4,399,723	155,439	7,253,662	743,174	898,613	2,248,256	6,355,048	

M/s Shweta Goel & Co.  
FRN-034678C



CA Shweta Goel  
M.No-411278 (Chartered Accountant)  
Date:-28.09.2023

Place:-Roorkee  
UDIN:-234112788GWANG6716

For Seth Roshan Lal Jain Trust

For Seth Roshan Lal Jain Trust

*(Signature)*  
(Trustee)

For Seth Roshan Lal Jain Trust

*(Signature)*  
(Trustee)

Jinesh Chand Jain  
Chairman

Shriyansh Jain  
Trustee

**COER MEDICAL COLLEGE OF AYURVEDA & HOSPITAL**  
**7TH KM. ROORKEE HARIDWAR ROAD, VARDHMANPURAM, ROORKEE**  
**Expenditure for infrastructure augmentatio**

**SCHEDULE:- 7**

**Depreciation schedule as on 31.03.2023**

S.No.	Particulars	Rate of Dep.	Gross Block		During the year 22-23		Total as on		Depreciation		WDV	
			As on 31.03.22	As on 31.03.23	Transfer	Addition (Before)	Addition (After)	31.03.23	31.03.22	Transfer	As on 31.03.23	As on 31.03.22
1	COER Medical Building	5%	647,559	647,559			32,378	30,759		63,137	615,181	584,432
2	Elevators (Lift)	15%	967,600	967,600			206,925	114,116		320,941	760,775	646,659
3	Flow Metter	15%	52,500	52,500			7,875	6,694		14,569	44,625	37,931
4	Furniture and fixtures	10%	449,250	674,908	110,757	114,991	65,142	55,448		120,590	384,108	554,408
5	Hospital Equipment	15%	120,004	115,503	501		13,725	15,865		29,600	106,269	89,903
6	ICU & NICU Equipment	15%	1,065,680	1,065,680			159,852	135,874		295,726	905,828	769,954
7	Laboratory Equipment	15%	29,368	1,819,258	899,853		4,405	204,739		209,144	24,963	1,610,114
8	Medical Equipments	15%	3,966,257	3,966,257			763,268	480,448		1,243,716	3,202,089	2,722,541
9	Oxygen Cylinder & Container	15%	113,900	113,900			16,774	14,569		31,343	97,126	82,557
10	Surgical Equipment	15%	251,368	251,368			37,705	32,049		69,754	213,663	181,614
11	Books	40%		777,468				249,441		249,441	-	528,027
12	Room Heater	15%		2,960			2,960			222	-	2,738
	Total		7,663,486	10,459,051	1,321,299	1,474,767	1,307,959	1,340,224		2,648,183	6,355,527	7,810,868

M/s Shweta Goel & Co.

FRN:-034678C



CA Shweta Goel

M.No-411278

Date:-29.09.2023

Place:-Roorkee

UDIN:-23411278BGWANG6716

For Seth Roshan Lal Jain Trust

For Seth Roshan Lal Jain (Trustee)

*(Signature)*  
Trustee

Jinesh Chand Jain

Chairman

*(Signature)*  
Trustee

Shryansh Jain

Trustee



## International and National Collaborations

### International Collaborations

Sr. No.	Collaboration with	Country	Logo
1)	Wayne State University, Detroit, Michigan	USA	

### National Collaborations

Sr. No.	Collaboration with	Country	Logo
1)	Paradigm Consultant and resource management Pvt. Ltd, Gurugram, Haryana	INDIA	
2)	UGC-Human Resource Development Centre, Jodhpur, Rajasthan	INDIA	
3)	Virohan	INDIA	
4)	Rajkiya Mahavidyalaya, Manglore, Haridwar, Uttarakhand	INDIA	
5)	Government Polytechnic SIDKUL Haridwar, Uttarakhand	INDIA	
6)	Technology Incubation & Entrepreneurship Development Society (TIEDS) Business Incubator- Indian Institute Of Technology Roorkee, Uttarakhand	INDIA	

7)	Uttarakhand Science Education & Research Center (USERC), Uttarakhand	INDIA	
8)	SIDCUL Manufacturing Association of Uttarakhand (SMAU)	INDIA	
9)	Radhe Shyam Hospital, Bijnor, Uttar Pradesh	INDIA	

# Corporate Social Responsibilities

## • TREE PLANTATION DRIVE ON HARELA

<b>Date of Event</b>	:	19-July-2023
<b>Number of Participants</b>	:	150
<b>Chief Guest</b>	:	Dr. Sujith Ravindran, Peace Ambassador, Italy

### **Description:**

Tree Plantation Drive at COER University on Harela stands as a testament to the harmonious fusion of cultural traditions and contemporary environmental stewardship. Guided by the expertise of local environmental organizations and fueled by the passion of dedicated volunteers, approximately 100 saplings were lovingly planted across the designated area. The deliberate selection of tree species, ranging from indigenous varieties to those well-suited to the local ecosystem, not only fortified the green cover but also contributed to the overall ecological richness of the region.

What sets this initiative apart is its seamless integration of cultural practices into the fabric of modern-day environmentalism. Harela, a traditional festival celebrated in the region, served as the backdrop for this eco-conscious endeavor, demonstrating the potential for aligning age-old customs with forward-thinking initiatives. This unique approach not only reinforced the significance of environmental conservation within the cultural ethos but also underscored the adaptability of heritage in fostering sustainable practices.

More than just a tree-planting event, the Harela Tree Plantation Drive emerged as a powerful symbol of collective action. It vividly illustrated how communities, when united by a shared vision, can effect positive change on a local scale with global implications. It resonates as a beacon of the community's unwavering commitment to safeguarding the planet, showcasing the transformative impact that can be achieved when environmental awareness is woven into the very fabric of tradition.

### **Pictures:**



## ● INTERNATIONAL WOMEN'S DAY

<b>Date of Event</b>	:	02-March-2023
<b>Number of Participants</b>	:	106
<b>Chief Guest</b>	:	Padma Shri, Madhuri Barthwal Uniyal, folk singer of Uttarakhand, India

### **Description:**

This year's Women's Day celebration at COER University centered around the theme "Innovation and Technology for Gender Equality," with the overarching goal of shedding light on gender bias and inequality. The event aimed to raise awareness and motivate individuals to actively contribute to building a more inclusive world. Through engaging discussions, insightful presentations, and interactive sessions, the celebration successfully emphasized the pivotal role of innovation and technology in advancing gender equality.

COER University's Women's Day event proved to be a resounding success, serving as a powerful platform to underscore the significance of gender equality. The celebration not only highlighted the existing challenges but also inspired attendees to take tangible actions towards fostering a more inclusive and equitable society.

### **Pictures:**



## • Awareness Baseline Household survey & Sukanya Samridhi Yojna

**Date of Event** : 19-Oct-2022  
**Coordinator** : Dr. Amarnath

### Description:

The UBA (Unnat Bharat Abhiyan) members of COER took the initiative to conduct a survey aimed at comprehensively understanding the socio-economic conditions, infrastructure, and developmental needs of rural households. The primary objective of this diligent effort was to gather nuanced and in-depth data that could serve as a valuable foundation for targeted community development initiatives. Through the survey, the UBA members endeavored to gain insights into the challenges faced by rural households, identify areas for improvement, and ultimately contribute to the formulation of effective and tailored solutions that align with the specific needs of the community.

The meticulous approach of the UBA members ensured that the survey went beyond surface-level observations, delving into the intricate fabric of rural life to capture a holistic picture. By focusing on socio-economic conditions and infrastructure, the survey aimed to provide a robust dataset that could guide future projects and interventions, fostering a sustainable and impactful transformation within the rural communities. This proactive engagement by UBA members reflects a commitment to bridging the urban-rural divide and promoting inclusive development through data-driven insights and community-driven initiatives.

### Pictures:



## Independence Day Celebration "AZADI KA AMRIT MAHOTSAV"

**Date of Event** : 12-15 August, 2022

### **Description:**

COERU celebrated Azadi ka Amrit Mahotsav to commemorate 75 years of India's independence. It's a significant event marked by various activities, programs, and initiatives across the country.

The Azadi ka Amrit Mahotsav celebrations aimed to instill a sense of pride, patriotism, and remembrance among Indians while acknowledging the struggles and sacrifices of the past. It served as a platform to reflect on achievements and chart a path for the country's future development and progress.

COER University celebrated this day by organizing various cultural events, Educational Activities and by community engagement. Celebration started by community engagement through "HAR GHAR TIRANGA" march on Aug 12, 2023. More such events like Marathon, Poster making Competition, Awareness march in nearby villages were conducted to make the Independence day a success.

### **Pictures:**



### ● **Free Medical Camp (August 24, 2022)**

### **Description:**

A free medical camp was organized by the COER University, Roorkee (COER UNIVERSITY, ROORKEE) in collaboration with COER Medical College of Ayurveda and Hospital in the village Belda on August 24, 2022 celebrating the **75<sup>th</sup> Independence Day Azaadi ka Amrit Mahotsav**. In the free camp, around 60 patients had registered themselves for the check-up.

### **Pictures:**





- **An Exposure visit for Farmers**

**Description:**

An exposure visit was organized by COER University for farmers sponsored by district horticulture department and Marks Agri Genetics Pvt. Ltd. under paramparagatKrishiVikasYojna (PKYY) on dated 21 February 2023, Tuesday. The objectives of the events are to provide the farmers hands on experience in modern agriculture, to promote interaction between farmers and students/faculty, to familiarize the farmers with modern technology and equipments, to expose farmers with the latest research and development in agriculture field, to provide the farmers about information of government scheme and subsidies available for agriculture and related field

**Pictures:**



- **Outreach Activity: Service to Society**

**Description:**

Objective of the event was to contribute positively to the community and make a meaningful impact on the lives of individuals or groups in need and to foster a sense of social responsibility and empathy among participants, while addressing specific challenges faced by the community and promoting a sense of unity and cooperation.

### ✚ Cancer Awareness Nukkad Naatak (November 07, 2021)

A street play was planned by the College of Business Studies on the occasion of National Cancer Awareness Day on November 07, 2021 in village Belda. M.B.A. students along with their faculty members were involved in this play. After the play, Dr. Ashima Garg enlightened the villagers with herbs with anti-cancer properties. Dr. Akanksha Verma and Dr. Deepak Prasad Raturi advised the villagers to stay away from drugs that cause cancer, like tobacco, cigarette, beedi etc.



Pic. 66



Pic. 67

### ✚ Free Medical Camp (August 24, 2022)

A free medical camp was organized by the COER University, Roorkee (COER UNIVERSITY, ROORKEE) in collaboration with COER Medical College of Ayurveda and Hospital in the village Belda on August 24, 2022 celebrating the **75<sup>th</sup> Independence Day Azaadi ka Amrit Mahotsav**. In the free camp, around 60 patients had registered themselves for the check-up.



Pic. 68



Pic. 69

## Training & Placement Data



Dear Students, Faculty, and Esteemed Stakeholders,

I am thrilled to present the Training & Placement department's annual report for the academic year 2022-2023, marking a year characterized by our joint commitment to fostering educational excellence and career development.

Throughout this academic cycle, our focus remained steadfast on narrowing the gap between academia and industry. Our concerted efforts ensured that our students not only gained academic knowledge but also acquired practical skills and invaluable industry exposure. Collaborations with esteemed organizations yielded numerous internships, placement opportunities, and fruitful industry alliances, enriching our students' academic journeys.

I'm elated to announce exceptional placement statistics this year, witnessing a substantial percentage of our graduating students securing positions in esteemed companies across diverse sectors. Their accomplishments stand as a testament to their dedication, hard work, resilience, and the top-notch education imparted by our institution.

Furthermore, our array of training programs, workshops, and seminars provided priceless insights and skill development avenues, empowering our students to confidently navigate the ever-evolving professional landscape.

This success story owes its existence to the unwavering support of our faculty, staff, industry partners, and, crucially, our diligent students.

As we reflect on this year's milestones, I extend heartfelt gratitude to everyone involved in elevating our Training & Placement department to its current pinnacle of success. Let's persist in our journey of excellence and innovation, inspiring forthcoming generations to scale even greater heights.

Warm regards,

**Divya Mishra**

Associate Dean (Training & Placement)  
COER University, Roorkee

## Our Recruiters

				
<b>44 LPA</b> HIGHEST PACKAGE	34 LPA	30 LPA	29 LPA	28 LPA
				
22 LPA	18 LPA	18 LPA	18 LPA	15 LPA
				
15 LPA	15 LPA	15 LPA	15 LPA	14 LPA
				
13 LPA	13 LPA	12 LPA	12 LPA	12 LPA
				
12 LPA	12 LPA	12 LPA	12 LPA	12 LPA

## Key Points

**1 OUT OF EVERY 4 COMPANY**

Gives average package of

**8 LPA**

Highest Package

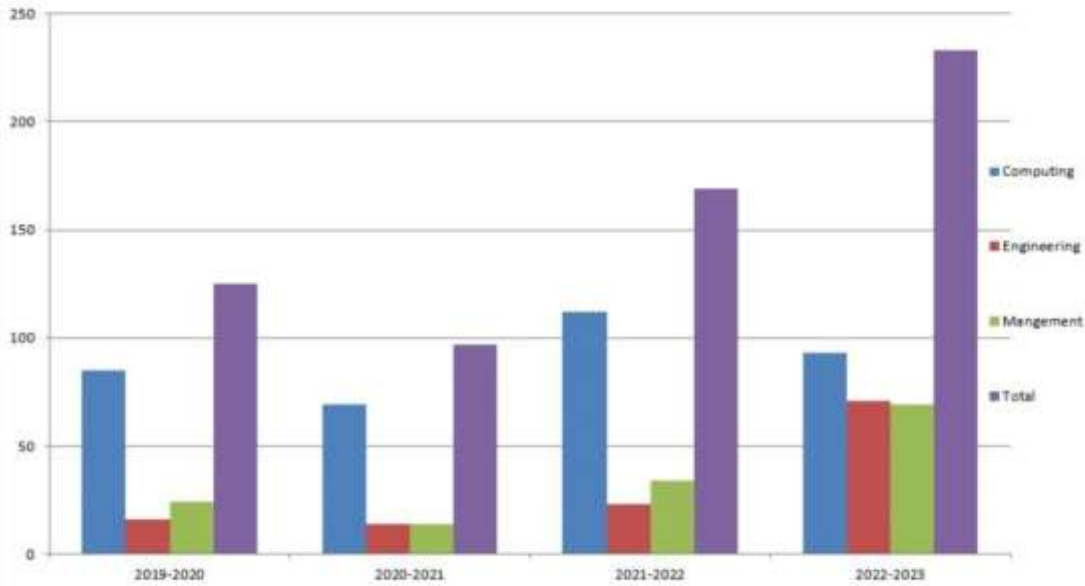
**44 LPA**

Average Package

**5.2 LPA**

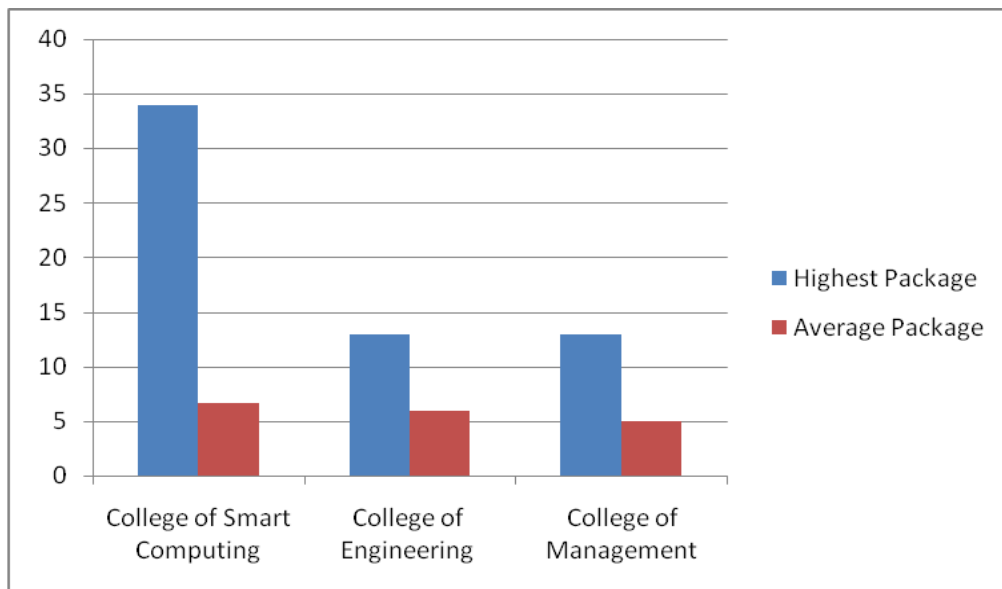
## Placement Growth year wise

### PLACEMENT OFFERS (COLLEGE WISES)



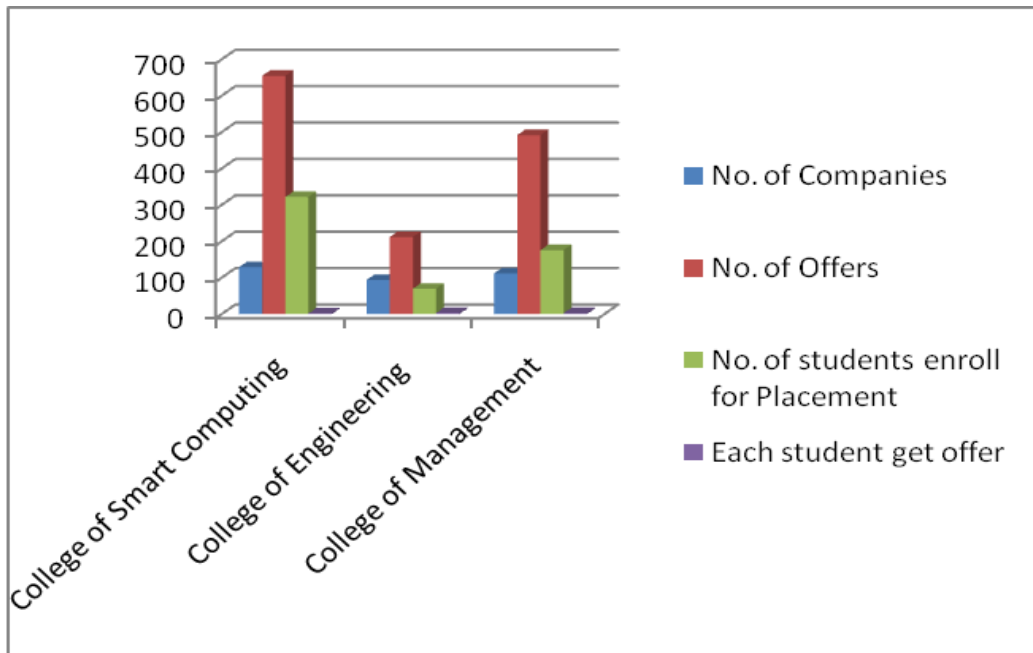
### College wise Highest & Average Package

Colleges	Highest Package	Average Package
College of Smart Computing	34	6.68
College of Engineering	12.88	5.93
College of Management	12.88	5.01



## Placement Statistics

Colleges	No. of Companies	No. of Offers	No. of students enroll for Placement	Each student get offer
College of Smart Computing	129	655	322	2.03
College of Engineering	94	212	70	3.03
College of Management	112	492	176	2.8



## COER University hosts successful HR Conclave and Awards Ceremony 2023 on 23.12.2023

COER University in collaboration with NHRDN Uttarakhand Chapter and PNGI hosted a dynamic and insightful HR Conclave and Awards Ceremony on 23.12.2023, which brought together HR professionals and academicians from the industry to discuss and recognize excellence in the field of HR. Brought together for.

The chief guest of the occasion, Dr. R. Meenakshi Sundaram (IAS), Secretary to Chief Minister, Energy, Labor and Chairperson – Government of Uttarakhand, delivered an engaging keynote address sharing valuable views on the emerging role of HR in today's fast-paced business landscape and the importance of fostering talent and innovation. gave a speech.

Held at COER University, the event featured engaging panel discussions, keynote speeches and an awards ceremony, celebrating the achievements of individuals and organizations who have made significant contributions to the HR sector.

The topic of the panel discussion is "New Age Workforce-HR and ER Competencies that Help You Survive and Thrive". The HR Conclave provided a platform for thought leaders and experts to share their insights on the latest trends, challenges and innovations in human resources. Attendees had the opportunity to engage in meaningful discussions and gain valuable perspectives on the evolving role of HR in today's dynamic business landscape.



A highlight of the event was the HR Excellence Awards, which recognized outstanding individuals and organizations for their exemplary contribution in the field of HR. 64 HR professionals were honored in this event. The award categories include Learning & Development, Talent Management, Organization Culture, Employee Engagement, CSR and Digitization in Human Resources.



## Second Annual Day (September 17, 2022)

The creation of COER University, Roorkee (COER UNIVERSITY, ROORKEE) is one of the most cherished, visionary and foresighted initiative of our founder Er. J. C. Jain, Chancellor, COER University, Roorkee which come into operational shape on Sunday i.e. July 11, 2021. The COER University, Roorkee Campus is located on NH 58, merely 7 KM from Roorkee, spread in 75 acres of lush green, air pollution free environment. This place is directly linked with the nation-wide capital New Delhi by railway, freeway and air. Draped in predominantly white exterior, the campus building presents a welcoming environment to this temple of learning.



The COER University, Roorkee aims to make students competent enough to make the students have a success story of their own by providing them with international quality education with ethical values, world class infrastructure and research-oriented academics. The University that aims to establish itself as the leading institution in the state of Uttarakhand, boasts the brightest faculty and is known to be a peerless champion in facilitating technical, design and management education. With a multitude of courses from domains such as Computing, Business Studies, Smart

Agricultural Science as well as Creative Arts and Design under the COER UNIVERSITY, ROORKEE Umbrella, the campus provides ample opportunities and training programs to make students future-ready.

## Academic/Cultural and Social Activities

### FDP on “Teaching and Learning Methodology amid the Paradigm Shift in Higher Education”

**Date of Event** : 24 July 2023 to 28 July 2023  
**Guest of Honor** : Dr. Anita Rawat, Director, USERC, Govt. of Uttarakhand

**Name of Speaker(s)** : Dr. Rajeev Kumar Mehajan, Scientist G, DST and SERB, Government of India , Dr. Pankaj Gupta, Chief Mentor, COER University ; Dr S P Pandey, Pro Vice Chancellor, COER University  
Prof Neeraj Kohli, Motivational Speaker Prof Sujith Ravindran, co-founder of Wise EU Foundation, Dr. Sagar Gulati, Deputy Director (Academics), iNurture Education Solutions Pvt Limited, Bangalore

#### Description:

COER University recently hosted a five-day Faculty Development Program (FDP) centered on navigating the paradigm shift in higher education. The FDP not only deepened participants' understanding of the paradigm shift but also fostered an exchange of ideas and best practices. Through engaging discussions, workshops, and interactive sessions, faculty members were equipped with the tools and strategies necessary to adapt to and excel in the changing educational environment. The success of this initiative reflects COER University's commitment to cultivating a culture of continuous learning and professional growth among its faculty.

Looking ahead, COER University is enthusiastic about organizing more such initiatives in the future, reinforcing its dedication to keeping faculty members at the forefront of advancements in higher education.

#### Pictures:



Session by Dr. Rajeev Kumar Mahajan, Scientist G, DST and Advisor, SERB



Session by Prof Neeraj Kohli

## TREE PLANTATION DRIVE ON HARELA

<b>Date of Event</b>	:	19-July-2023
<b>Number of Participants</b>	:	150
<b>Chief Guest</b>	:	Dr. Sujith Ravindran, Peace Ambassador, Italy

### Description:

Tree Plantation Drive at COER University on Harela stands as a testament to the harmonious fusion of cultural traditions and contemporary environmental stewardship. Guided by the expertise of local environmental organizations and fueled by the passion of dedicated volunteers, approximately 100 saplings were lovingly planted across the designated area. The deliberate selection of tree species, ranging from indigenous varieties to those well-suited to the local ecosystem, not only fortified the green cover but also contributed to the overall ecological richness of the region.

What sets this initiative apart is its seamless integration of cultural practices into the fabric of modern-day environmentalism. Harela, a traditional festival celebrated in the region, served as the backdrop for this eco-conscious endeavor, demonstrating the potential for aligning age-old customs with forward-thinking initiatives. This unique approach not only reinforced the significance of environmental conservation within the cultural ethos but also underscored the adaptability of heritage in fostering sustainable practices.

More than just a tree-planting event, the Harela Tree Plantation Drive emerged as a powerful symbol of collective action. It vividly illustrated how communities, when united by a shared vision, can effect positive change on a local scale with global implications. It resonates as a beacon of the community's unwavering commitment to safeguarding the planet, showcasing the transformative impact that can be achieved when environmental awareness is woven into the very fabric of tradition.

### Pictures:



## Online Workshop on “Intellectual Property Rights”

**Date of Event** : 17-May-2023  
**Speaker** : Mr. V M Thakkar, Asst. Prof., CSE, G.B. Pant Institute of Engineering and Technology, Ghurdauri, Pauri Garhwal  
**No. of Participants** : 99

### Description:

A workshop on & quot; Intellectual Property Rights & quot; was conducted by the Internal Quality Assurance Cell (IQAC) of COER University on 17-05-2023. The speaker was Mr. V M Thakkar, Assistant Professor, Computer Science and Engineering, G.B. Pant Institute of Engineering and Technology, Ghurdauri, Pauri Garhwal. The workshop was coordinated by Dr. Mridula, Head IQAC.

Mr. Thakkar began the workshop by giving a brief overview of IPR. He explained the different types of IPR, such as patents, trademarks, copyrights, and geographical indications. He also discussed the importance of IPR in the global economy. Mr. Thakkar then went on to discuss the different ways in which IPR can be protected. He explained the different types of IPR registrations, such as patents, trademarks, and copyrights. The workshop was also a great opportunity for the participants to network with other professionals in the field of intellectual property.

### Pictures:



## **National Education Policy 2020: Reinvigorating Human Capital through excellence in Higher Education and Multilingualism**

**Date of Event** : 10-May-2023  
**Guest of Honor** : Er. J.C. Jain, Chancellor, COERU  
**Speaker** : Dr. S.P.Pandey, Pro-Vice Chancellor, COERU & Director-IQAC  
**No. of Participants** : 99

### **Description:**

On May 10, 2023, the Internal Quality Assurance Cell at COER University organized a one-day workshop on "National Education Policy 2020 & Reinvigorating Human Capital through excellence in Higher Education and Multilingualism." The workshop was delivered by Dr. S.P. Pandey, Pro Vice Chancellor at COER University. The workshop aimed to provide an overview of the National Education Policy 2020 and its implications for higher education and multilingualism in India, with a special focus on the role of higher education institutions in promoting quality education and fostering a culture of lifelong learning in the post-pandemic era.

The workshop emphasized the need for higher education institutions to play a pivotal role in promoting quality education and fostering a culture of lifelong learning. Overall, the workshop was a valuable learning experience for all the participants.

### **Pictures:**



## Sensitization program on "Indexing Database and Guidelines for Selection of Journal for Publication"

**Date of Event** : 08-May-2023  
**No. of Participants** : 88  
**Name of Speakers** : Dr. Muneesh Sethi, Dean R&D  
Mr. Kamal Kumar Gola, Assistant Professor, CSE

### Description:

Internal Quality Assurance Cell at COER University organized a one-day workshop on "Sensitization program on Indexing databases (SCI, Scopus, Web of Science, PUBMED, ICI, UGC Care etc) and Guidelines for selection of journal for publication." The workshop was delivered by Dr. Muneesh Sethi, Dean (Research and Development) at COER University, and Mr. Kamal Kumar Gola, Assistant Professor in the CSE Department. The workshop aimed to provide an overview of various indexing databases and their importance in selecting quality journals for publication in academic research.

During the session, experts discussed various challenges and opportunities in selecting journals for publication and the importance of selecting quality journals for increasing the visibility and impact of research articles. The experts also shared their views on the relevance of indexing databases in academic research and the need for researchers to be aware of the various indexing databases and guidelines for selecting journals for publication.

### Pictures:



## Special Lecture on Open Source AI-tools

<b>Date of Event</b>	:	14-April-2023
<b>No. of Participants</b>	:	44
<b>Name of Speakers</b>	:	Dr. Mridula, Head IQAC Dr. Rohit Kanauzia, HOD IT Mr. Kamal Kumar Gola, Assistant Professor, CSE

### Description:

On April 24th, 2023, the Internal Quality Assurance Cell (IQAC) of COER University organized a workshop on Open AI tools for faculty members. The workshop aimed to provide an introduction to various Open Source AI tools, their advantages, and how they can be useful for teaching and research. The workshop included keynote speakers Dr. Rohit Kanauzia, Head of the IT department, Mr. Kamal Kumar Gola, Assistant Professor of CSE Department, and Dr. Mridula, Head of IQAC.

The workshop provided an introduction to various Open Source AI tools and their advantages over proprietary software. It showcased how these tools can be useful for teaching and research, and how they can aid the ethical use of technology in research. The interactive sessions provided hands-on experience in the use of Open AI tools and encouraged participants to explore and experiment with these tools further.

### Pictures:



# ZION-2K23

## Annual Cultural Fest

**Date of Event** : 11-13 April, 2023  
**Organizing Club** : OORJA

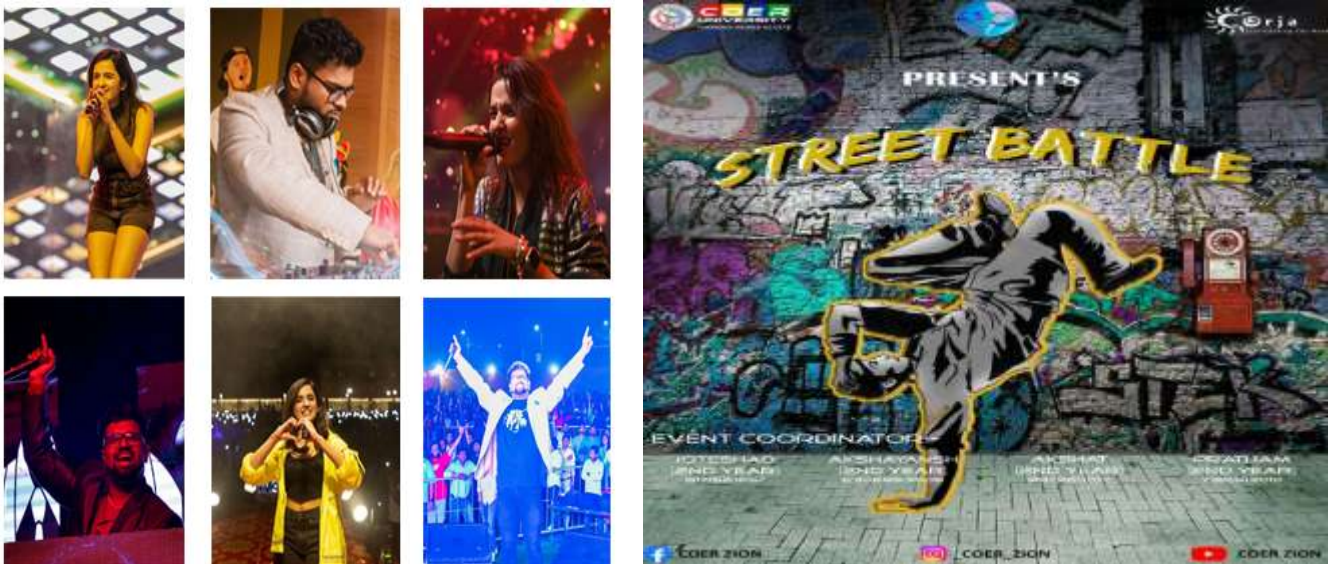
### Description:

OORJA The Cultural Committee of COERU organized its annual cultural fest “**ZION 2K23**” which is conducted every year in the mid of April before the end of the even semester. The purpose of this fest was to incorporate formal events in addition to informal events to enhance the enthusiasm and creativity of the students and encourage them to participate in extracurricular activities like dance, singing, stand-up comedy, dramatics, ramp-walk, different types of games, etc.

The fest comprised of several events with different rounds & after the evaluation of judge’s scores, the winner of each event was announced. Formal events consist of ACOUSTICA, D-VIBZED, CANVAS, CINEMAGIC, ROCKEDENCE etc. And the informal events were comprised of Street Battle, 3V Basketball, Tug of War, Pes Mobile Game, Lips Don't Lie etc.

Star for the second day of the event was DJ-suit-uphad. And on the final day, the fest was completed by the performance of star Shirley Setia.

### Pictures:



## INTERNATIONAL WOMEN'S DAY

<b>Date of Event</b>	:	02-March-2023
<b>Number of Participants</b>	:	106
<b>Chief Guest</b>	:	Padma Shri, Madhuri Barthwal Uniyal, folk singer of Uttarakhand, India

### Description:

This year's Women's Day celebration at COER University centered around the theme "Innovation and Technology for Gender Equality," with the overarching goal of shedding light on gender bias and inequality. The event aimed to raise awareness and motivate individuals to actively contribute to building a more inclusive world. Through engaging discussions, insightful presentations, and interactive sessions, the celebration successfully emphasized the pivotal role of innovation and technology in advancing gender equality.

COER University's Women's Day event proved to be a resounding success, serving as a powerful platform to underscore the significance of gender equality. The celebration not only highlighted the existing challenges but also inspired attendees to take tangible actions towards fostering a more inclusive and equitable society.

### Pictures:



## Republic Day Celebration

**Date of event** : 26-January-2023

### **Description:**

On the auspicious occasion of India's 74th Republic Day, COER University celebrated the essence of patriotism, unity, and cultural diversity through a vibrant and memorable event.

The celebration commenced with the traditional hoisting of the Indian flag by Er. J.C. Jain, Chancellor, COER University, accompanied by the rendition of the national anthem. The solemnity of the moment instilled a sense of pride and honor among students, faculty, and guests. Chancellor sir graced the occasion with enlightening speeches and discussions on the significance of Republic Day, emphasizing the values enshrined in the Indian Constitution and the responsibilities of citizens towards the nation. Chancellor sir graced the occasion with enlightening speeches on the significance of Republic Day, emphasizing the values enshrined in the Indian Constitution and the responsibilities of citizens towards the nation.

### **Pictures:**



## CONTEMPLATION CAMP & NAAC ACCREDITATION WORKSHOP

<b>Date of Event</b>	:	07-Dec-2022-08-Dec-2022
<b>Number of Participants</b>	:	300
<b>Name of Participants</b>	:	Prashant Kumar, Assistant Professor, Civil Engineering, COER Prakash Bhatnagar, Assistant Professor, SoB, COER UNIVERSITY, ROORKEE
<b>Experts</b>	:	NAAC core team from Bengaluru

### Description:

The **NAAC** Workshop commenced with a session on the National Education Policy, 2020, conducted by Dr. Srikanta Swami, a distinguished member of NAAC. Following this informative session, the official inauguration of the workshop took place at 11:30 am. The event witnessed the esteemed presence of the Hon'ble Chief Minister of Uttarakhand and the Hon'ble Minister, both of whom delivered insightful speeches addressing the current education status in Uttarakhand. Dr. B.S Ponmudiraj, an advisor at NAAC, provided a comprehensive overview of the assessment and accreditation process, setting the tone for the workshop.

Further enriching the workshop, Prof. Vishnu Mahesh K. R, Assistant Advisor at NAAC, shared valuable insights into the Institutional Information for Quality Assessment (IIQA). The significance of the Internal Quality Assurance Cell (IQAC) was elucidated by Dr. Vishnu Mahesh K.R, further underscoring the pivotal role it plays in maintaining and enhancing the quality of education institutions. The collective expertise of these esteemed speakers contributed to a holistic understanding of the workshop's themes, setting a strong foundation for the participants' engagement in the subsequent sessions.

### Pictures:



## Visit of Professor Ambrish Chandra, École de Technologie Supérieure (ETS), Montreal, Canada

<b>Date of Event</b>	:	6-Dec-2022
<b>Number of Participants</b>	:	56
<b>Chief Guest</b>	:	Ambrish Chandra, École de Technologie Supérieure (ETS), Montreal, Canada

### Description:

A dynamic and engaging session was recently orchestrated to delve into the intricacies of the MITACS program fellowship and summer internship, fostering an environment of awareness and enthusiasm among faculty members and students alike. The primary objective was to inspire and motivate attendees to explore the myriad long-term funding and internship opportunities available for master's and PhD students through the MITACS program. The session also served as a platform to introduce and illuminate the diverse array of programs and opportunities offered by ETS, Montreal, further enhancing the prospects and academic pursuits of the participating individuals.

The interactive exchange provided an insightful overview of the rich possibilities that the MITACS program unfolds, emphasizing its potential to shape the academic journey of students through meaningful fellowship experiences and impactful summer internships. Attendees were encouraged to actively consider and pursue these opportunities, leveraging the session as a catalyst for understanding the tangible benefits that the program brings to the academic and professional growth of aspiring scholars. Moreover, the inclusion of insights into the programs and opportunities extended by ETS, Montreal added a valuable dimension to the session, broadening the horizons of participants and fostering a collaborative spirit towards unlocking new avenues of learning and development.

### Pictures:



## 25th FOUNDATION DAY 2022-23

<b>Date of Event</b>	:	03-Dec-2022
<b>Number of Participants</b>	:	200+
<b>Chief Guest</b>	:	Shri Pushkar Singh Dhama,

### Description:

During this momentous occasion, a total of 18 distinguished alumni from the College of Engineering and Research (COER) were honored and felicitated for their exceptional achievements across diverse fields, spanning academics, research, and entrepreneurship. The ceremony served as a testament to the institution's commitment to nurturing and celebrating the success of its graduates who have made significant contributions to their respective fields. Recognizing the alumni's outstanding accomplishments underscores the enduring impact of COER in shaping individuals who go on to excel in various professional domains.

In addition to celebrating alumni achievements, the event also saw the presentation of the Faculty Research and Recognition Awards, acknowledging faculty members for their exemplary contributions to the realm of research. The institute took the opportunity to extend its appreciation to dedicated employees and teachers who demonstrated steadfast commitment, with special recognition awards presented to those marking 10, 15, and 20 years of dedicated service within the institution. This dual celebration not only highlighted the academic and research excellence fostered by COER but also underscored the commitment and loyalty of its longstanding faculty and staff members.

### Pictures:



## Expert lecture on “LOGIC BASED EXPLAINABLE AI”

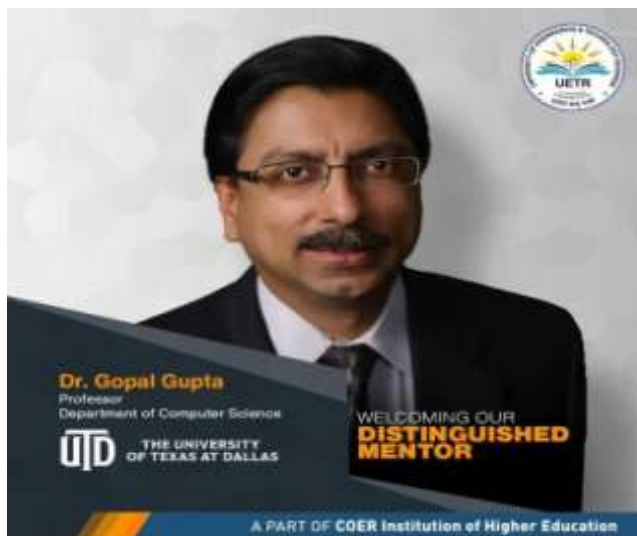
**Date of Event** : 30 Nov.2022  
**Number of Participants** : 200  
**Name of Speaker** : Dr. Gopal Gupta

### Description:

During the insightful discussion, the expert delved into the intricacies of the FOLD (First Order Learner of Default Rules) family of algorithms, emphasizing their unique features that eliminate the need for preprocessing datasets while maintaining a high level of explainability. The expert also provided a succinct overview of the FOLD family's various iterations, such as FOLD-R, FOLD-SE, and FOLD-RM, each tailored to specific applications within the realm of explainable artificial intelligence (XAI). This elucidation offered a comprehensive understanding of how these logic-based algorithms operate cohesively to yield interpretable outcomes.

In the comparative analysis, the expert juxtaposed the FOLD family of algorithms with mainstream machine learning counterparts, including XGBOOST and MLP. The compelling demonstration showcased the superior performance of FOLD algorithms in terms of accuracy, positioning them as formidable contenders in the field of AI. The crucial distinction lies in their inherent explain ability, providing a transparent and understandable framework for decision-making. This revelation not only underscores the efficacy of FOLD algorithms but also accentuates the growing importance of integrating explainable AI approaches into the broader landscape of machine learning.

### Pictures:



## DEEP SANADHYA 2K22' DIAWALI CELEBRATION

**Date Of Event** : 19-Oct-2022  
**Organizing Club** : OORJA

### Description:

Diwali is called the Festivals of Lights and is celebrated to honor Rama Chandra, the seventh avatar of God Vishnu. It is believed that on this day Rama returned to his people after 14 years of exile during which he fought and won a battle against the demons and the demon king, Ravana.

It is the tradition of COER to celebrate the Deep Sandhya as Pre-Diwali celebration every year in COER Campus. This Year on Wednesday, 19 October 2022 at 4:30 pm, students and faculty members celebrated Deep Sandhya with Chancellor sir and Pro-vice chancellor.

The function began with great excitement. After Deep Prjwalan and Ganesh Vandan many cultural activities like dance, singing, skit, etc. were performed by the students.



# NAVRATRI CELEBRATION

## 26 Sept. - 05 October, 2022

### Description:

Navratri was celebrated with tremendous essence the same as of every year- devotion, fasting, dance, music, and vibrant cultural traditions at COER Campus for nine days.

The celebration involved the Goddess worship on each day both in the morning and in the evening followed by Prasad distribution. Many faculty members and students observed fasting for eight days and volunteered to make the Navaratri Puja celebration a success.

One of the highlights of Navratri celebrations was the energetic dance forms of Garba and Dandiya. Students and faculties dressed in traditional attire gathered to perform these dances, accompanied by live music.

### Pictures:



## 7<sup>th</sup> Session of COER Eminent Lectures Series

**Date of Event** : 21-September-2022  
**Number of Participants** : 233  
**Eminent Speaker** : Major General (Retd.) Ajay Kumar Chaturvedi, AVSM.  
VSM

### Description:

Major General A.K Chaturvedi conducted an insightful session addressing the "Geopolitical Impact of the Russia-Ukraine War." The presentation delved into a comprehensive analysis of the ongoing conflict and its nuanced ramifications on India. Major General Chaturvedi meticulously discussed the multifaceted dimensions of how the Russia-Ukraine war is influencing India, shedding light on geopolitical, economic, and strategic implications.

Moreover, the session provided valuable insights into the potential courses of action for India in response to the evolving situation. Major General Chaturvedi offered strategic perspectives on the way ahead, highlighting the diplomatic, economic, and security considerations that India should navigate in the wake of the Russia-Ukraine conflict. The session served as a vital platform for fostering a deeper understanding of the geopolitical landscape and equipping the audience with informed perspectives on India's optimal response strategies in these challenging times.

### Pictures:



# COER UNIVERSITY, ROORKEE 1<sup>st</sup> Annual Day

**Date of Event** : 17-September-2022  
**Chief Guest** : Dr. Kumar Vishwas

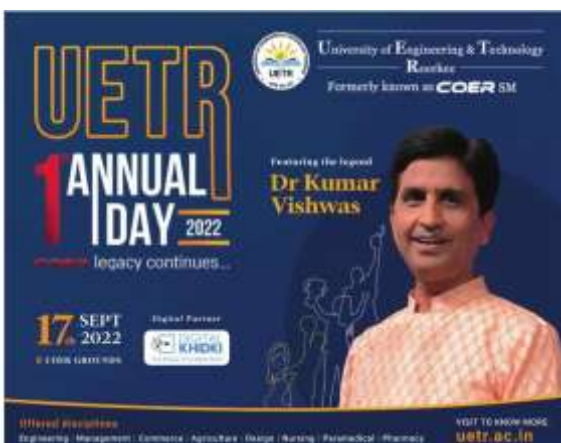
## Description:

The inaugural annual day celebration of COER UNIVERSITY, ROORKEE was an event filled with joy, camaraderie, and jubilation. It marked a significant milestone in the legacy of our organization.

The Celebration commenced with a grand inaugural ceremony graced by Er. J.C. Jain, Chancellor, COER UNIVERSITY, ROORKEE who shared inspiring words and inaugurated the event, setting the tone for a day filled with festivity. An integral part of the evening was the acknowledgment of outstanding contributions and achievements. Employees who demonstrated exceptional dedication, innovation, and commitment were honored, motivating others to strive for excellence.

The event was complemented by the presence of Dr. Kumar Vishwas who added more energy to the audience.

## Pictures:



## TEACHER'S DAY-22

**Date Of Event** : 05-September-2022  
**Guest of Honor** : Dr. Navneet Arora, Professor, Department of MIED, IIT Roorkee.

### Description:

COERU celebrated teacher's day with great enthusiasm and reverence to honor the invaluable contributions of educators in shaping lives and nurturing the future. The event aimed to express gratitude and appreciation for the dedication and hard work of teachers.

The celebration commenced with a ceremonial inauguration Er. J. C. Jain, Chancellor, COERU and Dr. Navneet Arora, Professor, Department of MIED, IIT Roorkee, acknowledging the significance of teachers and their pivotal role in society.

Many teachers and students showcased their talents through vibrant cultural performances including music, dance, skit and poetry. These heartfelt performances added a touch of joy and entertainment to the event.

COERU expressed its gratitude through speeches, cards, and tokens of appreciation presented to teachers as well as staff. Faculty members and Staff completing 10 years, 15 years, 20 years and 25 years were presented with a token of appreciation and special incentives. Along with this, teacher of the year was presented to faculty members from each department. Researcher of the year was also awarded to different faculty members at university level.

### Pictures:



Department of the Year (ME), COERU

# Independence Day Celebration

## AZADI KA AMRIT MAHOTSAV

**Date of Event** : 12-15 August, 2022

### Description:

COERU celebrated Azadi ka Amrit Mahotsav to commemorate 75 years of India's independence. It's a significant event marked by various activities, programs, and initiatives across the country.

The Azadi ka Amrit Mahotsav celebrations aimed to instill a sense of pride, patriotism, and remembrance among Indians while acknowledging the struggles and sacrifices of the past. It served as a platform to reflect on achievements and chart a path for the country's future development and progress.

COER University celebrated this day by organizing various cultural events, Educational Activities and by community engagement. Celebration started by community engagement through "HAR GHAR TIRANGA" march on Aug 12, 2023. More such events like Marathon, Poster making Competition, Awareness march in nearby villages were conducted to make the Independence day a success.

### Pictures:



## Faculty Orientation program

<b>Date of Event</b>	:	20-July-2022
<b>Number of Participants</b>	:	62
<b>Chief Guest</b>	:	Prof.(Dr.) A.K. Chaturvedi, Hon'ble Director, IIT, Roorkee

### Description:

In pursuit of enhancing faculty preparedness and acquainting them with effective academic practices for the academic year 2022-2023, the Internal Quality Assurance Cell (IQAC) orchestrated a dynamic three-day Faculty Orientation Program. The primary objective of this initiative was to provide faculty members with a rejuvenating experience and equip them with the knowledge and insights needed to navigate the academic landscape successfully. By delving into contemporary teaching methodologies, assessment strategies, and institutional priorities, the program aimed to foster a collaborative and forward-thinking environment among faculty, promoting a shared commitment to academic excellence.

Throughout the three-day program, participants engaged in interactive sessions, workshops, and discussions facilitated by seasoned educators and academic leaders. The orientation covered a spectrum of topics, ranging from innovative pedagogical approaches to the integration of technology in teaching, all tailored to enhance the overall academic experience for both faculty and students. By emphasizing best practices and aligning academic strategies with the goals of the upcoming academic year, the Faculty Orientation Program sought to create a foundation for a vibrant and productive learning environment within the institution.

### Pictures:



## Expert Lecture on R&D and Innovation

<b>Date of Event</b>	:	31-July-2022
<b>Number of Participants</b>	:	67
<b>Eminent Speaker</b>	:	Dr. Tanupriya Chaudhary, Associate Professor , UPES

### Description:

The keynote address at the event was delivered by Dr. Tanupriya Chaudhary, an esteemed Associate Professor at UPES. Dr. Chaudhary's presentation centered on recent research activities with a profound focus on societal impact and highlighted several trending projects in the academic realm. Through an insightful discourse, she shared valuable insights into the dynamic landscape of contemporary research, shedding light on the innovative endeavors that contribute meaningfully to societal advancement.

Furthermore, Dr. Chaudhary provided a comprehensive overview of multidisciplinary research areas, spotlighting domains such as Cyber Physical Systems and wearable devices. Her elucidation on these cutting-edge subjects served to expand the audience's understanding of the diverse avenues within the research landscape. By emphasizing the significance of these multidisciplinary research areas, Dr. Chaudhary underscored the potential for transformative advancements that bridge the gap between technology and societal needs, thereby inspiring and informing the academic community about the exciting frontiers of research.

### Pictures:

**COLLEGE OF ENGINEERING ROORKEE (COER)**  
**COER-Institution's Innovation Council (IIC)**  
IS ORGANISING  
Impact Lecture Session -2  
on  
1) Expert Lecture on R&D and Innovation  
2) Expert Lecture on Entrepreneurship  
Date:-31 July 2022  
Expert Speakers

**DR. ANKUS DINKER**  
Associate Professor  
Department of Computer Science and Information  
Technology, COER, Roorkee

**DR. TANUPRIYA CHAUDHARY**  
Associate Professor  
Department of Computer Science and Information  
Technology, UPES, Dehra Dun

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## Presentation of Ideas/ Technology in TECH4Sewa Event Organized by IIT Roorkee, Under UBA

**Date of event** : 30-July-2022  
**Venue** : IIT Roorkee  
**No. of Participants** : 13  
**Faculty Members** : Dr.Amarnath UBA, Coordinator, COERU, Dr. Pashupati Nath,  
Mentor of the Project, Mr. Kshitiz Jain, Mentor of the Project, Mr. Amardeep, AP, Dpt. Of Civil Engineering  
**Student Members** : Animesh Raj, Saurav Singh, Manoj Kumar, Krishna kumarsingh,  
SudarshanAnand, RoshanJeena, Priya Jain, Shagun Gupta, Tannu

### Description:

The aim of the summit is to provide a platform to - academicians & scientists (working in the field of grass-root innovation and adaptation of technologies) to impart knowledge and technical skills to individuals engaged in different sectors of innovation to address the concerns, issues and challenges of people - entrepreneurs, start-ups and organizations.

The summit has the following themes - Affordable Healthcare, AtmaNirbhar Bharat, Promoting Applied Research in Employment and Entrepreneurship Environment & Sustainable technologies, Good Agricultural Practices via panel discussions, virtual presentations, discussions forums and product display. The summit aims to facilitate knowledge exchange among stakeholders.

Under this summit students of COERU presented their idea/ Technology in IIT, Roorkee at regional level. Students belonging to B.Sc. Agriculture and B. Tech Computer Science presented their models and collected praise from the judges.

### Pictures:



## **Institution's Innovation Council (IIC) Regional Meet, Chandigarh-2022**

<b>Date of Event</b>	:	26- July-2022
<b>No. of Participants</b>	:	450+
<b>Chief Guest</b>	:	Hon'ble Member Secretary, AICTE, Prof. Rajive Kumar
<b>Participants from COERU</b>	:	Dr. Mridula, Head- IQAC, COERU Mr. B.D. Patel, Head- IIC , COERU Dr. Rohit Kannaujia, HOD- IT, Member IQAC Mr. Kshitij Jain, Asst. Prof., CSE

### **Description:**

The Regional Meet organized by the Institution's Innovation Council (IIC) serves as a pivotal gathering, bringing together IICs from various institutions to foster a more vibrant, proactive, collaborative, and productive network. This regional-level meeting is designed to facilitate the exchange of knowledge and best practices in Innovation and Entrepreneurship (I&E) within Higher Education Institutions (HEIs). It provides an invaluable platform for IICs to share insights, strategies, and success stories, creating a robust environment that propels innovation and entrepreneurship initiatives across the educational landscape.

At the heart of the Regional Meet is the celebration of achievements and the impactful contributions made by IIC institutions. It offers a unique opportunity to showcase the emergence of successful innovators and startup founders who have thrived through the support and initiatives of their respective IICs. By highlighting these success stories, the Regional Meet not only acknowledges the accomplishments within the IIC network but also inspires and motivates other institutions to embrace a culture of innovation and entrepreneurship, fostering a collaborative ecosystem for the holistic development of students and the broader academic community.

### **Pictures:**



## SPORTS ACTIVITY AT UNIVERSITY

1. COER won the Veer Madho Singh Bhandari Uttarakhand Technical University Cricket Tournament 2023-24 held at Doon Institute of Engineering and Technology from 27th Nov 23 to 1st Dec 2023



2. COER University organized Yogasana Sports Championship in collaboration with the World Fitness Federation (WFF) from 29<sup>th</sup> Sep 2023- 1<sup>st</sup> October 2023





3. Sparsh Gautam, the shining star of COER University remarkable achievement of winning 4 gold medals and 1 silver medal in the 21st Uttarakhand State Championship 2023 for 10 m rifle



4. Sparsh Gautam became a member of ISSF (International Sports Shooting Federation) by qualifying the 66th National Championship and was selected for the Indian Team Trials.



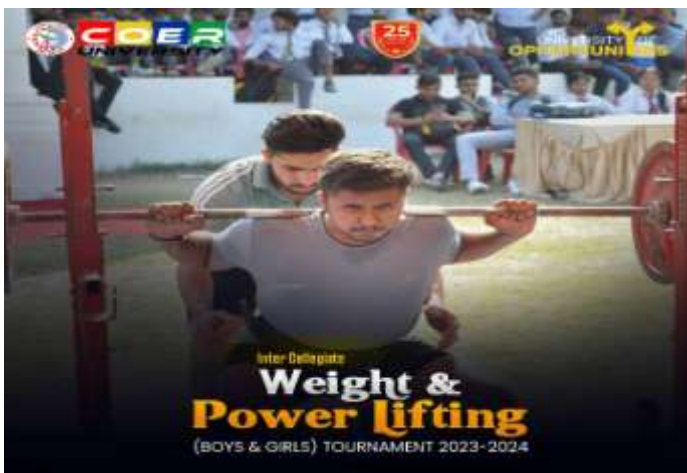
5. Veer Madho Singh Bhandari Uttarakhand Technical university volleyball Girls Final COER V/s WIT. COER was Runner-up 2022-23
6. Ms. Vishakha Arya (B.Tech. 3rd year, Civil Engineering) & Ms. Priyamvada Singh (B. Tech 4th year, CSE) Selected for NZIU Badminton (F) Championship



7. Vasu Poegwal (B.Tech. 3rd year, Civil Engineering) Selected for NZIU Badminton (M) Championship



8. Veer Madho Singh Bhandari Uttarakhand Technical University: Inter-Collegiate Weightlifting & Power Championship 2023-24 organized by COER University on 3<sup>rd</sup> November 2023. COER has achieved 4 Gold Medal





9. Khel Maha Kumbh 2023-24 was organized by COER University on 25<sup>th</sup> November 2023. COER University achieves IIIrd position under Kabaddi





10. From COER University, three Basketball player participated in North Zone (National)



11. COER University was declared first runner-up in Volley ball Games and achieves second position in Kabaddi (Boys) held at Veer Madho Singh Bhandari Uttarakhand Technical University: Inter-Collegiate Kabaddi & Volley Ball (Men & Women) tournament 2023-24 on 16-17 October 2023



12. Veer Madho Singh Bhandari Uttarakhand Technical University football tournament 2023-24 held in Tula institute, Dehradun. COER University was declared first runner-up. Total 17 teams participated in tournament and with excellent performance COER entered in final against Tulas institute, Dehradun.



13. Veer Madho Singh Bhandari Uttarakhand Technical University Basketball and Badminton tournament was held at 3-4 October 2023 at BFIT Technical Campus, Dehradun. Basketball (Girls) from COER University has achieved second position and Basket ball (Boys) reached in semifinals



14. COER University celebrated National Sports Day on 29<sup>th</sup> August 2023. Mr. Shubham Singh Mehra, silver and bronze medalist in South Asian Body Championship was the Chief Guest. Mr. Mehara talks about his journey, challenges, and the unwavering passion that led him to this remarkable feat. Also, COER University had won National Sport's Day Basketball Tournament



### 15. Achievement of COER University in RUNN 2023

Badminton Boys - Gold

Single event - Gold

Doubles Event -Gold

Girls Single - Gold

Doubles Event - silver

Table Tennis Boys -Gold

Table Tennis Girls- Gold



## **Future Plan of the University**

### **Academic Excellence and Innovation:**

- Foster a culture of academic excellence by continuously updating and enhancing the curriculum to meet the evolving needs of industries and society.
- Promote innovative teaching methods, incorporating technology and real-world applications to engage students and prepare them for the challenges of the future

### **Research and Development Initiatives**

- Establish a robust research and development framework to encourage faculty and students to undertake cutting-edge research in various disciplines.
- Foster interdisciplinary collaborations and partnerships with industries to address real-world problems and contribute to technological advancements.

### **Globalization and Diversity**

- Enhance global perspectives by fostering international collaborations, exchange programs, and partnerships with reputed universities worldwide.
- Promote a diverse and inclusive campus environment that celebrates different cultures, backgrounds, and perspectives, preparing students for a globalized workforce.

### **Technology Integration**

- Invest in state-of-the-art infrastructure and technologies to facilitate seamless online and offline learning experiences.
- Develop and implement technology-driven solutions to streamline administrative processes, making education more accessible and efficient for both students and faculty.

### **Community Engagement and Social Responsibility:**

- Strengthen ties with the local community through outreach programs, contributing to social and economic development.
- Promote a sense of social responsibility among students by integrating community service and ethical considerations into the curriculum, instilling a commitment to making a positive impact on society.

### **Accreditation and Recognition**

- Strive to meet and exceed accreditation standards set by relevant educational bodies. Regularly assess and improve academic programs, faculty qualifications, and institutional infrastructure to ensure ongoing compliance.
- Pursue accreditation from reputable international accrediting bodies to enhance the university's global recognition and credibility.