



CHAITANYA MURARI
60 LPA



BHANU KUMAR
28 LPA



SANCHIT VERMA
25 LPA



AJAY SINGH NEGI
22 LPA

ROORKEE COLLEGE OF ENGINEERING ROORKEE

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ROORKEE COLLEGE OF ENGINEERING ROORKEE

*Make in RCE.....
Made for the world*



"ज्ञानं परमं बलम्"

रूड़की कॉलेज ऑफ इंजीनियरिंग, रूड़की शिक्षा के क्षेत्र में अपना एक उत्कृष्ट स्थान रखता है। इसका प्रतीक चिन्ह विद्यार्थियों के शैक्षणिक विकास के सभी पहलुओं को वर्णित करता है। सफेद रंग में लिखा गया आरसीई शुद्धता, शांति, और मानवता का प्रतिनिधित्व करना सिखाता है। प्रतीक चिन्ह में छः दाँतों वाला एक नीला चक्र दिखाया गया है जो विद्यार्थी को शिक्षा में गतिशीलता, शक्ति और निर्णय लेने की क्षमता का प्रतीक है। नारंगी रंग का उगता सूरज शिक्षा के क्षेत्र में निरंतर विकास, मनन शक्ति, दृढ़ निश्चय और मजबूती प्रदान करता है। एक हाथ मातृ शक्ति के प्रेम का प्रतीक है जो सदैव पारस्परिक सद्भाव, सप्रेम और बंधुत्व के लिए विद्यार्थियों को प्रेरित करता है। हरी पत्तियाँ प्राकृतिक सौन्दर्य, उदारता तथा नई स्फूर्ति का प्रतीक है। इनकी संयुक्त क्षमता विद्यार्थियों को न्यायप्रियता, स्थिरता एवम् बुद्धि के असीमित विकास का प्रतिनिधित्व करना सिखाती है।

ज्ञानं परमं बलम्— सच्चा ज्ञान सकारात्मक ऊर्जा प्रदान करता है और विश्व के पटल पर विद्यार्थियों को सशक्त बनाता है। नई शिक्षा, नव विचार विद्यार्थी के शारीरिक, आर्थिक व मानसिक विकास के लिए बहुत महत्वपूर्ण है। वह उसे नये आविष्कार, नई कल्पनायें एवं नये विचार अपनाने के लिए सदैव प्रेरणा देता है।

"ज्ञान मनुष्य जीवन का अमूल्य धन है।"

- The Gear symbolizes as a technique that enhances mobility, strength, and develop decision making power.
- The sun shining represents RCE shining as sun of knowledge, symbolizes dazzling development, vitality and strength in the technical education.
- Hands show a virtue of caring like mother for every person.
- Green leaves represent the unlimited growth and prosperity under the shed of natural resources which transform the overall development of the students that takes them a step ahead from others in every field.

"ज्ञानं परमं बलम्"

True knowledge illuminates the positive energies and empowers the humans all over the world. New Technological innovations are indeed important to economic growth and the enhancement of human possibilities. Creativity inspires to generate with innovative imagination and accomplish wonders.



Vision

To build up the multifaceted institute, a world-class facility provider for technocrats and professionals imparting the best academic, research and technology with moral values beyond imagination.

Mission

- To enhance competency and proficiency skills of professionals in the young minds to make them a valuable asset for society, corporate and industries.
- To develop students globally, dynamically, technically, analytically, methodologically, creatively, morally and spiritually for training, research and entrepreneurship.
- To strengthen the innovative and entrepreneurial skills of professionals, providing the guidance of experienced researchers, worldwide great academicians and scholars.
- To have collaboration with the eminent universities of the world for exchanging the encyclopedia of knowledge.
- To promote the students for innovation driven projects, R&D, interaction with industries, soft skills and personality development, co-curricular and extracurricular activities.
- Develop a conducive environment of learning and teaching through, "Student Development Programs/ Value Added Programs, Bridge Courses, Refresher Courses, Orientation Programmes, Symposiums, Workshops, Seminars and Conferences.

Values

- Academic integrity-empowered by the commitment to fundamental values, honesty, trust, fairness, respect and responsibility.
- Attention to issues of National relevance and Global concern.
- Intellectual Excellence.
- An unfettered spirit of learning, exploration, rationality and enterprise.
- Respect for the vision of every individual.
- Having a strong transparent system.
- Committed to excellence in education.

Roorkee in the World

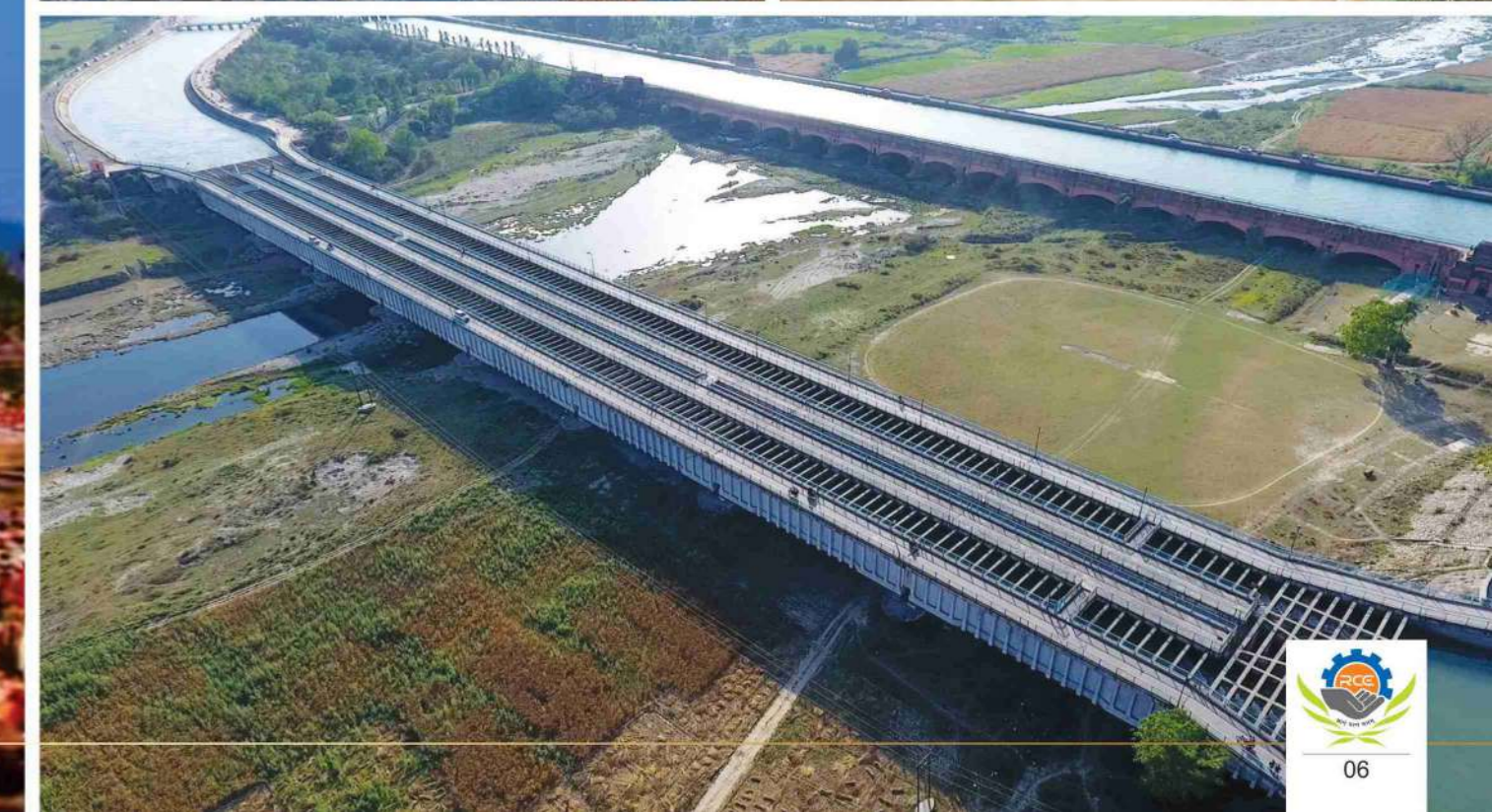
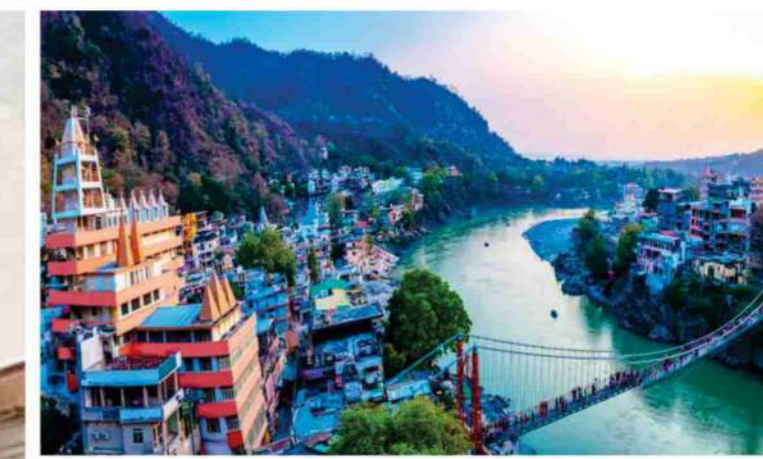
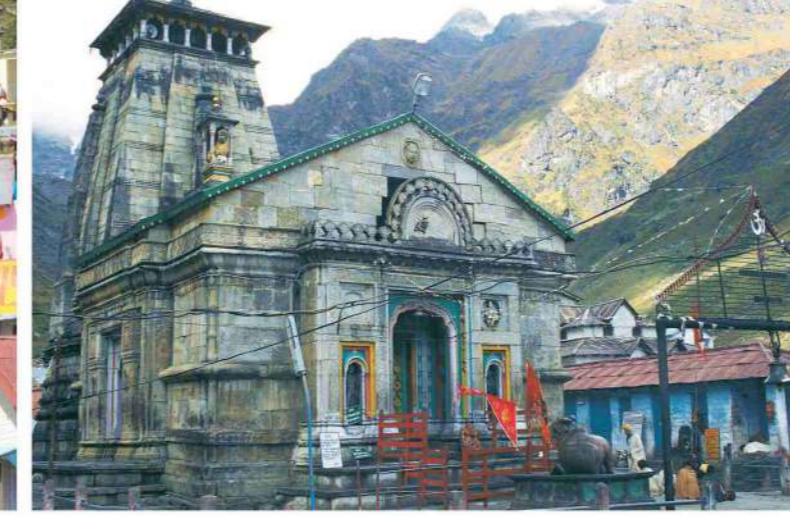
Roorkee engineers have been responsible for much of the design in India and abroad, monumental buildings, bridges and tunnels. **The original subway system of Roorkee-city and its street grid was also designed by engineers trained at Roorkee.**

ROORKEE HAS BEEN A LEADING EDUCATIONAL CITY IN THE WORLD. EVEN TODAY ROORKEE IS AN EDUCATIONAL AND INDUSTRIAL HUB.

Roorkee is a beautiful city that comes under Haridwar district of Uttarakhand, the new found state of India. The city lies on the banks of historical Ganges canal and well connected through Indian Railways and National Highway with all nearby states. Roorkee is a global leader in education because of its ability to attract highly accomplished students and scholars from around the world. Roorkee is spread over a flat terrain with the Himalayas to the east and north-east. Roorkee lies on the banks of historical Ganges canal.

Roorkee has the glorious distinction of being the fountainhead of engineering education in India. Asia's First Engineering College established in Roorkee, named as **Roorkee College** was established in 1843. The College was renamed as Thomson College of Civil Engineering in 1854. The college was later upgraded to **University of Roorkee in 1949**, presently known as **Indian Institute of Technology Roorkee (IITR)**. Roorkee is also known for the Roorkee Cantonment, one of the country's oldest military establishments and the headquarters of **Bengal Engineer Group** since 1853. It is well known for its contribution in evolution of the modern technology by starting Roorkee College in 1847. **Col. P.T. Cautley**, an officer in the British Army, remained instrumental in constructing the canal. **According to Dept. of Hydrology, this canal is still considered as a marvel of engineering in the Asia. It was completed in 1853 and water was released in the canal on April 8, 1854. First Aqueduct was constructed over the Solani River, near Roorkee.** India's first steam engine Jenny Lind, (specially shipped from England moved on rails in India) ran in Roorkee on 22 December, 1851, between Roorkee and Piran Kaliyar. **The first freedom fight revolution "Gujjar Kranti" started from Kunja Bahadurpur village of Roorkee city by RAJA VIJAY SINGH in 1822 against British East India Company.** British officers developed a small cantonment here to stop this revolution of gujjars. But it could not stop the revolutionaries, and **Raja Vijay Singh and his teammates** continued their struggle, stole all the weapons of British army, fought with them and sacrificed their life for freedom of the country. **Piran Kaliyar** is the dargah of 13th-century Sufi saint of Chishti Order, **Alauddin Ali Ahmed Sabir Kalyari** also known as **Sarkar Sabir Pak** and Sabir Kaliyari, situated at Kaliyar village, near Roorkee on the banks of Ganga Canal, 2 km. from the college. It is one of the most revered shrines for Muslims of India and abroad. This place is equally revered by Hindus and Muslims.

Currently Roorkee is bejeweled by many premier institutions of International significance like **Indian Institute of Technology, Roorkee (formerly known as Thomson College of Civil Engineering), Central Building Research Institute, Irrigation Research Institute, National Institute of Hydrology & Alternate Hydro Energy Centre.** The limitless beauty of the land, flora and fauna, mountains, rivers and lakes, wildlife, cultural and religious association of nearby tourist places make it one of the most frequented travel destinations. **Auli, Haridwar, Rishikesh, Jim Corbett National Park, Valley of Flowers and Hemkunt Sahib, Rajaji National Park Mussoorie, Nainital, Yamunotri, Gangotri, Badrinath, Kedarnath, Lansdowne, Ranikhet, Haidwani, Patal Bhubaneswar, Tungnath** and many other tourism places are located nearby.



RCE IN INDIA

"LOCATED ANYWHERE ELSE, RCE WOULD HAVE BEEN A DIFFERENT COLLEGE; AND IT'S FAIR TO SAY THAT WITHOUT RCE AND RCEIANS, ROORKEE WOULD ALSO BE A DIFFERENT CITY. EACH GAINS INCREDIBLE CREATIVITY AND VITALITY FROM THE OTHER."

Guiding this core value system at the institute is a leadership that believes in the universalization of education for humanity. Roorkee College of Engineering (RCE) follows a holistic approach which transforms the students into new generation responsible, educated citizens with vision, a deep sense of moral and ethical values and social responsibilities.

RCE is situated in front of a quiet, panoramic location near the historic Ganga just close to Haridwar; the gate way of divine places. River Ganga flows in front of college which spawns positive gesture in brain by which student is gainers of creativity. RCE combines the best of teaching with practical, future-focused learning, enjoy Internship-opportunities and the flexibility of choosing a degree that crosses many study areas and suits all of your passions. Our staff and students work together to solve real-world problems and improve lives. **We look at challenges from all angles, uniting expertise and insights across multiple disciplines to translate research into real action.**

Our academic area aims to develop graduates who are knowledgeable and skillful, who will be much sought-after by employers and become active global citizens. Our campus is global –not only in terms of the students who come to RCE from all over the country, but also in terms of the community of academicians and industry experts we attract. Our teaching apace is equipped with state-of-the-art technology to deliver a 21st century teaching experience and prepare you for the world of work. Our learning Resource Centre is fully equipped to give you access to world class learning resources giving you the best possible support for your studies. Our community is diverse and exciting and so is our teaching. We help every student to not just survive, but thrive in today's increasingly interconnected world. The students from nearby countries like Nepal & Bangladesh have already been studying in our college since its inception that bags a lucrative credit of the global level for the college. Our B. Sc. (Agr. and For.), B.Com (Hons.), BBA, BHM, BCA, BHA and BTM courses are affiliated with Sri Dev Suman University Uttarakhand and runs under Roorkee College, Roorkee.

RCE emphasizes on industrial exposure to students as the major driving force for imparting technical skills to the students for their bright professional career. **At a radius of 25KM of College, there is an investment of approximately one lac crore from manufacturing units of India's gigantic corporate like Mahindra &Mahindra, Exide, Hero Moto Corp, Eveready, Rockman, Hema Engineering, Lumax, Munjal Auto, Asahi Glass. Birla Tyres, Gold Plus, Hindustan Unilever, Ambuja Cement & many more giving opportunities for industrial exposure to the students.**



We are
Unique

Committed to Excellence in Education



VISIONARY AND FOUNDER



"Confidence and hard-work is the best medicine to kill the disease called failure. It will make you a successful person."

CA S. K. Gupta
B.Com. (Hons), FCA,
DISA (ICA)
Chairman

In the World of Globalization, Education is the most important tool for sustainable development. It is the source of energy for the survival in life. RCE with its strong vision and pedagogical approach has gained prominence, incisive leadership, innovative approach, competent workforce and a culture deep rooted in ethics. RCE has focused on skill enhancement and excellent academic results.

The institute's vision, curriculum, design, and pedagogy all are attuned to 21st century skills. Our students are collaborating on projects with other students across geographical locations. Educational visits, exchange programmes, global platforms widen our perspective and develop global responsibility to move forward in the world of technology. RCE has made various additions in its infrastructure since its inception and strives for excellence in all fields. I welcome you all and frequently hope of listening to your success bells, ringing in the canopy of professional world. Be ready to explore the opportunities to fulfill your aspirations and dreams. All the Best!

Shri S. K. Gupta ji is a reputed Chartered Accountant, and well-known personality for his entrepreneurship in his profession. His personality is an amalgamation of sound knowledge, effective leadership and a visionary approach. He is running technical institutions from last two decades. He has contributed as a promoter for the establishment of industries and educational institutes in India with vigour and vitality in synchronism with NEP 2020.

Committed to Excellence in Education





"You are always a student never a master. You have to keep moving forward."

Mr. Naman Bansal
B.Com (Hons.), MBA (London)
Secretary

Success is a lifelong process like learning. It is the invisible thread that ties our prosperity together and strengthens our relationships with all the surrounding objects. Education is the foundation for building a good society and we feel immense pleasure to be the contributor of transformation of technology for shaping the nation. In order to accomplish our vision and mission, we leave no stone unturned for the mental development of professional's career and goal and train the inherent skills of the students by profound scholars, academicians, and experts, in the premises of the institute.

RCE provides highly qualified experienced faculty to train the brain of young birds for their flight. RCE is an incubator for innovations and opportunities, an accelerator for great ideas. We have excellent infrastructure for multi-dimensional skilled environment assisting our young professionals for expanding the legacy of success stories at RCE. In its endeavor to unearth the talent of the students, the institute concentrates for all the possible ways to engage and empower future technocrats to develop the competency and leadership skills for the reputation of nation worldwide. Our mission is to be excellent in professional education creating a distinguished hallmark for our vision to make our students unique and matchless for all the professional jobs fortified with moral values.

Naman Bansal ji has completed his higher studies in management from University of Westminster, London. He is a young and dynamic personality. He has an active young mind that understands the requirement of the young generation and identified the needs of modern engineering, agriculture and management education for modern age students, with a vision and mission accompanying transparency, accountability and accessibility which keeps us abreast and also ahead of our competitors. He is an active young mind who understands the requirement of the young generation in their fields.



Learning is a continuous process. For the growth and sustenance of a beautiful quality life, Education has a great role to play. Roorkee College of Engineering, since its inception, is known for multi- dimensional growth in teaching and a unique Mission of developing qualified technocrats. RCE provides overall development of the personality of young budding engineers, entrepreneurs in pharmacy, agriculture and management. The main emphasis is on imparting innovation, deep learning and professionalism in accordance with state of art. Unique teaching methodologies with various value added programs foster the students with application oriented thinking, to serve the country in a better way. In order to maintain synchronism fast pace of technology development, RCE is working actively on simulation of human intelligence process by computer using **Artificial Intelligence and Machine Learning** for the students. With the alumini of RCE, the Institute is getting its recognition globally.

My warm welcome to you and congratulations for your success in all your endeavors.

Prof. Rama Bhargava has a teaching and research experience of 41 years at IIT Roorkee, the oldest institute in Asia. She has produced 18 Ph.D's and 75 Master Thesis and more than 140 papers in Internationals Journals. In spite of being selected in IAS in 1979, she went for her passion of teaching and research. She is a DAAD fellow, Australian Endeavour executive awardee and INSA fellow (Royal Society of London). She has vivid administration Experience in IIT Roorkee as Head Deptt. of Mathematics, Head QIP, Dean Admin, Member BOG and Member of Institute Finance Committee, She has visited many countries and Chaired many technical sessions globally. She is well known in her field of CFD and has done many research projects sponsored by NBHM, ISRO, DST, and AICTE.

Prof Rama Bhargava
Ph.D (Maths) IIT Roorkee
Director General



Education is the greatest weapon for the growth and expansion of human life. A good educational institution strives continuously for sustenance and enhancement of quality in every field of its activity. RCE works diligently in its mission of providing the best learning, teaching, and research opportunities to students and academicians alike. RCE develops the students for becoming innovative engineers, managers, scientists, entrepreneurs and great leaders. Our unique teaching and learning process, the combination of theory and practice makes the institute different from others with the basics of modern knowledge and high values. RCE has close collaboration with reputed industries and multinational companies for providing the best opportunity for jobs with the support of its Placement Department. RCE is focusing continuously on the rich technological and intellectual environment of the multidimensional academic programmes through the year since its inception. A series of activities are conducted such as a cultural festival. Technical festivals, management festivals, industry focused seminars and extracurricular activities inside the campus.

I welcome you all and congratulate for your grand success for all your future perspectives.

Prof. O. P. Dubey has a rich teaching and research experience of 45 years at IIT Roorkee he has guided 10 Ph.D's, supervised 175 Master's Thesis Work and Published 150 Research Papers in national and international journals. He is an active consultant in the field of Water Resources Management, Irrigation, Hydropower, Flood Plain Management, Surveying and Mapping, Remote Sensing and GIS. He has provided technical advice to more than 250 projects at national and international levels.

Prof. O. P. Dubey
Ph.D (CE) IIT Roorkee
Director General, Research



In the age of globalization the nation is basking in the glory of a new proud generation that is taking the world by storm! The entire intellectual community of the world has woken up to the reality that India is a treasure-house of talent and intelligence. The youth of today are taking India to unparalleled heights of prosperity. The only raw material essential to this great turnaround is EDUCATION because knowledge is power.

Our aim is to build an effervescent community of engineers, where faculty and students are cronies in a mutually inspirational education process, engrossed in learning. This learning process would lead to the inventions and then to discoveries. We actively seek to engage our adjacent associates from research and educational institutions, to contribute in the process of learning by sharing their proficiency and practices gained outside of the classroom. We are trusted to nurturing juvenile minds and preparing them for challenges in today's globalised technology.

I assure the students joining Roorkee College of Engineering, that they will be given the best education to enable them to learn and lead the future with confidence as responsible citizens of the country.

Dr. Bhupendra Singh has a teaching and research experience of 22 years at many recognized engineering institutions. He has completed his Ph.D in Electronics Engineering from APJ Abdul Kalam Technical University Lucknow. He has guided many Master's thesis and published research papers in national and International journals and conferences. He is specialized in Microelectronics, film electronics and radio engineering field.

Prof. Bhupendra Singh
Ph.D (ECE)
Director



Greetings and a Warm Welcome all from Roorkee College of Engineering, Uttarakhand

Our goal is to achieve world-class leadership in human development and excellence in education. The tools of National Education Policy-2020 is implemented to provide excellence academic. Project-based learning (PBL) begins with an assignment in order to have the final product. The implementations of PBL are very important in the practice of technical education which are provided the quite efficiency.

We provide skills-based education to succeed in the new sustainable economy and work in various fields such as: Smart energy management, smart agriculture farming, smart city planning and design, artificial intelligence and strong management of ecosystem to make the world a better place.

In addition to the academic program, we have designed value added programs for engineering, management, agriculture, and pharmacy students to bridge the gap between industry and academia.

Dr. Aadesh Arya has got best teacher award at GIMT, Kurukshetra. He has guided many master's thesis and published more than 30 research papers in international journal and conferences. Dr. Arya has received Ph.D in Electrical Engineering with specialization Smart Grid from National Institute of Technology, Kurukshetra, Haryana. He was convener of many FDP/STC/ Conferences. His research area is Smart Grid, Demand Response, Smart Appliances, Electric Vehicle and Antenna Engineering. He is working on solar project presently.

Dr. Aadesh Arya
Ph.D (EE)
Deputy Director

15 REASONS TO CHOOSE



01 Lush green campus, zero pollution, peaceful atmosphere, natural beauty of nature. Located just 5 km away from Roorkee Railway Station.



02 Wi- Fi facility in the entire campus including Class Rooms, Labs, Hostels, Cafeteria, Playgrounds, and Mess.



03 Separate hostels are available for boys and girls with a 'feeling of home away from home' at reasonable cost, air conditioned, as well as non- air-conditioned room facility inside the campus.



04 Having a well-equipped gymnasium, large sport grounds, for outdoor as well indoor games.



05 Online handling of students and parent's grievances.



06 Providing help through psychological counseling cell, pre- placement training, expert lectures, and value-added courses.



07 Providing fee waiver for meritorious and studious students, monitoring performance through regular evaluation, safe and ragging free campus.



08 Focus on quality of teaching on various hot topics by the eminent experts from the Institute of National repute of the subjects enhancing practical as well as theoretical knowledge.



09 Placement assistance in top multinational companies and public sector units.



10 Emphasis on industrial exposure and research activities through regular industrial visits, project works, guest lectures, seminars, workshops, conferences, personality development programs as part of the curriculum.



11 Academic performance and hostel attendance through ERP (real time messages sent on parents' mobile.)



12 Medical facility available round the clock.



13 Digital library with a rich collection of Text Books, Journals, E- Journals, Reference Books, Encyclopedias, Dictionaries, Magazines and Competitive Books.



14 24 hours Electricity supply with backup of generators; fire safety measures available in entire campus.



All students who secure 80% and above marks in any semester will be given academic award of Rs.5000/- subject to clearance of all the subjects of any semester in first attempt.



"Excellent Technical Education Institute Award" Under National Education Award

Roorkee College of Engineering was awarded the excellent Technical Education Institute Award 2015. The award was conferred by the National Education Award. This is one of the valuable awards of 2015 jointly given by CMAI, AICTE & UTU. The award was presented by **Hon'ble Chief Minister, Govt. of Uttarakhand, Shri Harish Rawat and Hon'ble Vice-Chancellor, Uttarakhand Technical University, Uttarakhand, Prof. P. K. Garg.** This venerated award was received by CA S.K. Gupta, Chairman RCE.



"Best Placement Award" Under North India Education Award

We are recipients of the Royal Brands Education Award 2015. The award was conferred by the Royal Brands North India Education Awards. This is one of the most valuable awards of royal brands which were handed over in New Delhi on Jan 24, 2015 by a galaxy of VIPs, chiefly, Hon'ble Minister of State HRD, Dr. Ram Shankar Katheria. This venerated award was jointly received by CA S.K. Gupta, Chairman RCE and Dr. Gopal Ranjan, Director General RCE.



"Excellence in Technical Education" Under National Jharkhand education Award

Roorkee College of Engineering (RCE) was awarded the National Jharkhand Education Award 2014. The award was conferred by the National Jharkhand Education Summit & Awards. This is one of the venerated awards of the Government of Jharkhand which was handed over in Ranchi on March 24, 2014 by a galaxy of VIPs Hon'ble Prof. Dr. L.N. Bhagat, Vice Chancellor, Ranchi University and Dr. A.K. Pandey, IAS, Additional Chief Secretary Science & Technology, Govt. of Jharkhand. This venerated award was jointly received by CA S. K. Gupta, Chairman RCE and Shri Naman Bansal, Secretary, RCE.



"Best Technical Institute in Rural Area" Under ASSOCHAM, National Education Excellence Award

Roorkee College of Engineering (RCE) was awarded by ASSOCHAM. Associated Chambers of Commerce and Industry of India (ASSOCHAM) is one of the apex trade associations of India, New Delhi and organized by National Education Summit & Education Excellence Award-2014 on Feb19, 2014. The event was privileged to have the presence of eminent leading personalities of India and abroad. Some of them being: Mr. Pawan Aggarwal, (Advisor, Planning Commission), GOI, Dr. Binod Kumar, (Former Chairman NCTE (NRC) /Founder father of CAT), Dr. P.P. Mathur, (Vice Chancellor KIIT University, Bhubaneswar), Dr. Vijay Kant Verma, (Vice-Chancellor AISECT University), Mr. Tushar Pandey, (Senior President & Country Head, Yes Bank) and Mr. Leighon Ernsberger, (Assistant Director Skills, British Council), Ms. Cynthia Murphy, (Director ACCC, High Commission of Canada), Ms. Anna Garretson, (First Secretary, Department of Foreign Affairs, Australia) and Mr. Peter Nolan, (Counsellor Education, Australian High Commission). The Award was declared in the presence of our students.



"Best Technical Institute in Uttarakhand" Under CMAI, AICTE & MTU, National Education Excellence Award

Roorkee College of Engineering (RCE) was awarded "Best Technical Institute in Uttarakhand Award" under CMAI National Uttar Pradesh Award-2013 jointly by CMAI, AICTE & MTU. The award was presented by Hon'ble Minister of Science & Technology, Mr. Abhishek Mishra, Govt. of UP & Dr. S. S. Mantha, (Chairman AICTE), Mr. S.K. Kak, (Vice-Chancellor, Mahamaya Technical University), Mr. Jaganathan Chelliah, (Director, Education & Technology, Texas Instruments), Mr. S. N. Rai, (Director Lava Mobiles), Mr. Ashwani Kumar, (MD NIELIT (DOEACC)) and Mr. Yogesh Kochhar, (Director, Microsoft). The award ceremony was organized at JSS Academy, Noida on 19th August 2013. This venerated award was jointly received by CA S.K.Gupta (Chairman RCE) and Shri Naman Bansal (Secretary RCE). Dr. S. S. Mantha is an Indian academician, administrator and adjunct Prof. of National Institute of advanced studies, Bangalore. Currently, he is Chairman of All India Council for Technical Education, New Delhi. He also heads the National Technical Committee, National Cyber Safety and Security Standards.



"Best Engineering College"

"Best Engineering College"
Under Career Connect Magazine Award

Roorkee College of Engineering was bestowed the prestigious "Best Engineering College Award" by Career Connect Magazine which is the most widely read educational magazine. Shri S.K. Gupta, (Chartered Accountant, Chairman of Roorkee College of Engineering, Roorkee, Uttarakhand) received "Best Engineering College Award" by the Chief Editor of the magazine. After several months of deliberation, 'Career Connect' Magazine selected RCE that has grown to be the fountainhead among Technical Institutes providing technical education in India and felicitated for optimal blending of discipline, academic excellence and industrial exposure in career building of students. The Award was declared among the students of the institution



"Best Upcoming Engineering College"

"Best Upcoming Engineering College"
Under CMAI, AICTE & UTU, National Education Excellence Award

Roorkee College of engineering (RCE) was bestowed with "Best Upcoming Engineering College Award" under CMAI National Uttarakhand Award-2013 jointly by CMAI, AICTE & UTU. The award was presented by Hon'ble Mr. Vijay Bahuguna (Chief Minister of Uttarakhand), Hon'ble Prof. D. S. Chauhan (Vice-Chancellor of Uttarakhand Technical University, Dehradun), Hon'ble Mr. R. C. Pathak (IAS, Secretary, Science & Technology, Uttarakhand), Mr. Dinesh Aggarwal (Ministry of Planning-IT, Sports and Youth Affairs), Prof. S. C. Gupta (Deputy Director, IIT Roorkee). The Award function was organized at Survey of India Auditorium, Dehradun on 11th Feb., 2013. In the ceremony, Mr. Vijay Bahuguna emphasized on the significance of practical knowledge in technical education.



Best Placement in North India

"Best Placement in North India"
Under TV100 Education Excellence Award

Roorkee College of Engineering awarded the "Best Placement in North India Category" The award conferred by TV100 Education Excellence Awards. The award was given in presence of Hon'ble Sh. Santosh Gangwar, Minister of State for Labour and Employment Govt. of India, Mr. Ajay Tamta, Minister of State for Textile (Govt.of India), Mr. Manoj Tiwari, Member of Parliament Delhi State BJP President, Mr. Anil Baluni, National Spokesperson BJP and Mr. Subodh Uniyal, Minister of Agriculture , Govt. of U.K. This award was jointly received by Shri CA S.K. Gupta - Chairman RCE and Dr. S.R. Pandey-Director RCE.



<p>THIS MEMORANDUM OF UNDERSTANDING (MoU), DATED, the 28th April, 2017</p> <p>BETWEEN ROORKEE COLLEGE OF ENGINEERING, ROORKEE, UTTARAKHAND, INDIA AND UNIVERSIDAD ABIERTA INTERAMERICANA (UAI), ARGENTINA</p>	<p>ESTE MEMORANDO DE ENTENDIMIENTO (MOU), FECHA, 28th April, 2017</p> <p>ENTRE ROORKEE COLLEGE OF ENGINEERING, ROORKEE, UTTARAKHAND, India Y Universidad Abierta Interamericana (UAI), ARGENTINA</p>
<p>Roorkee College of Engineering and University of Universidad Abierta Interamericana (UAI), Argentina will encourage co-operation in the field of teaching, research work, publishing activities and exchange of students and faculties. This agreement shall enable the two universities to enter into working relationship with each other, subject to the following provisions;</p>	<p>Roorkee College of Engineering y la Universidad Abierta Interamericana (UAI), Argentina, fomentarán la cooperación en el ámbito de la enseñanza, la investigación, actividades de publicación y el intercambio de estudiantes y habilidades. Este acuerdo permitirá a las dos universidades establecer entre si una relación de trabajo, con sujeción a las siguientes disposiciones.</p>
<p>Both parties agree: That the mutual support and cooperation will serve their respective institutional development by increasing its research and technology dissemination and preservation of culture. That this kind of linkage will better serve the needs of the community, recognizing them, as well as issues relating to social solidarity, employment and production.</p>	<p>Ambas partes acuerdan: Que el apoyo mutuo y la cooperación servirán a su respectivo desarrollo institucional mediante el aumento de la difusión de la investigación y la tecnología y la preservación de la cultura. Que este tipo de vinculación servirá a las necesidades de la comunidad, el reconocimiento de ellas, así como las cuestiones relativas a la solidaridad social, el empleo y la producción.</p>
 CA S K Gupta Chairman Roorkee College of Engineering, Roorkee, Uttarakhand, INDIA Date: 28th April 2017	 Dr. Sergio Luis Suarez Secretary of Institutional Affairs UNIVERSIDAD ABIERTA INTERAMERICANA (UAI), ARGENTINA Date: 28th April 2017

UAI

Universidad Abierta Interamericana

Roorkee College of engineering has collaborated for academic exchange of faculty and student for joint study and research with Top Universities of South America like Universidad Abierta Interamericana University, Argentina for Foreign Exchange Programme and University of Turku, Finland.

Wednesday, 30 June 2021



THE TIMES OF INDIA

TIMES ENGINEERING



TIMES ENGINEERING INSTITUTE RANKING SURVEY 2021

TOP 175 ENGINEERING INSTITUTE RANKINGS 2021

Name	Rank
College of Engineering, Dr. A.P.J Abdul Kalam University, Indore	94
ROORKEE COLLEGE OF ENGINEERING, ROORKEE	95
Aditya Institute of Technology and Management, Tekkali	96

INDIA TODAY

Among Top 10 Private Engineering Colleges in India, Rank 9/10

09 Out of Top 10 Private Institutions of India

ROORKEE COLLEGE OF ENGINEERING- ROORKEE

COURSES @ M.Tech, B.Tech, Diploma(Poly), B.Sc(Agriculture / Forestry), B.Com.(CFA), BBA

5th km, Roorkee- Hardwar Canal Road, Roorkee, Uttarakhand

+91-7500102111, +91-7500108111

www.roorkee.in roorkee@gmail.com

STUDENTS PLACED

93%

Number of Students

1250+

Academicians

205+

TOP RECRUITERS

Indian, Navy, Indian Army, HCL, Hens, Bajaj Motors, Atlas, ITC, Tata Motors, India Thermit Corporation Ltd

HIGHEST SALARY

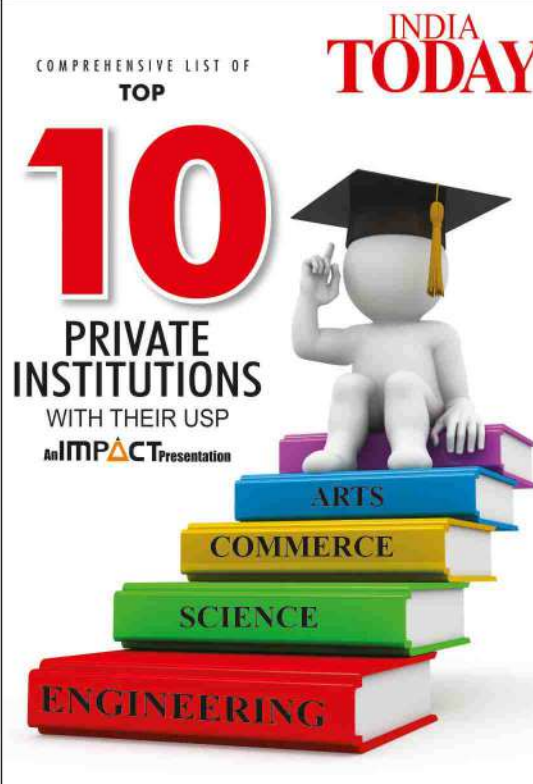
₹ 15.7 Lakh

PER ANNUM

AVERAGE SALARY

₹ 3.4 Lakh

PER ANNUM



COMPREHENSIVE LIST OF TOP 10 PRIVATE INSTITUTIONS WITH THEIR USP

An IMPACT Presentation



INDIA TODAY BEST COLLEGES 25th YEAR

ENGINEERING (PRIVATE)

OVER-ALL RANK 2021	OVER-ALL RANK 2020	COLLEGE & CITY	INTAKE QUALITY & GOVERNANCE	ACADEMIC EXCELLENCE	INFRASTRUCTURE & LIVING EXPERIENCE	PERSONALITY & LEADERSHIP DEVELOPMENT	CAREER PROGRESSION & PLACEMENT	OBJECTIVE SCORE	PERCEPTUAL SCORE	OVERALL SCORE
			288	264	240	120	288	1,200	800	2,000
↑ 149	166	GYAN GANGA INSTITUTE OF TECHNOLOGY & SCIENCES, HARIDWAR	106.3	101.4	123.7	33.7	136.6	557.7	62.1	619.8
↑ 150	151	ROORKEE COLLEGE OF ENGINEERING, ROORKEE	106.3	135.5	156.3	52.1	133.7	583.9	35.8	619.7
↑ 151	175	AISSMS COLLEGE OF ENGINEERING, PUNE	157.4	105.6	98.6	63.3	131.6	548.5	70	618.5

INSTITUTIONS	RATING
STATE UNIVERSITIES/UNIVERSITY DEPARTMENTS/AFFILIATED COLLEGES	
Uttaranchal Institute of Technology, Dehradun	AA+
Roorkee College of Engineering, Roorkee	AA+
Tula's Institute The Engineering and Management College, Dehradun	AA+

CAREERS 360 JULY 2021 | 43

INDIA TODAY BEST PRIVATE COLLEGES OF NORTH INDIA

ENGINEERING

RANKS & SCORES OF COLLEGES

NORTH INDIA RANK (PRIVATE) 2021	INSTITUTE & CITY	INTAKE QUALITY & GOVERNANCE	ACADEMIC EXCELLENCE	INFRASTRUCTURE & LIVING EXPERIENCE	PERSONALITY & LEADERSHIP DEVELOPMENT	CAREER PROGRESSION & PLACEMENT	OBJECTIVE SCORE	PERCEPTUAL SCORE	OVERALL SCORE
		288	264	240	120	288	1,200	800	2,000
37	SUBHARTI INSTITUTE OF TECHNOLOGY & ENGINEERING, MEERUT	106.3	152.1	173.9	15.3	36.1	493.7	129.4	623.1
38	ROORKEE COLLEGE OF ENGINEERING, ROORKEE	106.3	135.5	156.3	52.1	133.7	583.9	35.8	619.7
39	MAHARISHI MARKANDESHWAR ENGINEERING COLLEGE, MULLANA-AMBALA	107.9	139.5	158.9	48.2	82.2	536.7	62.4	599.1

Wednesday, 30 June 2021



THE TIMES OF INDIA

TIMES ENGINEERING

TIMES ENGINEERING INSTITUTE RANKING SURVEY 2021



TOP 70 INSTITUTES PLACEMENT RANKINGS 2021

Name	Rank
Siddaganga Institute of Technology, Tumkur	46
ROORKEE COLLEGE OF ENGINEERING, ROORKEE	47
Chitkara University Institute of Engineering & Technology	48



BEST COLLEGES → RANKS AND SCORES OF PRIVATE COLLEGES → ENGINEERING

OVER-ALL RANK 2020	OVER-ALL RANK 2019	COLLEGE & CITY	INTAKE QUALITY & GOVERNANCE	ACADEMIC EXCELLENCE	INFRASTRUCTURE & LIVING EXPERIENCE	PERSONALITY & LEADERSHIP DEVELOPMENT	CAREER PROGRESSION & PLACEMENT	OBJECTIVE SCORE	PERCEPTUAL SCORE	OVERALL SCORE
150	148	INSTITUTE OF ENGINEERING & TECHNOLOGY, GLA UNIVERSITY, MATTHURA	88.2	116.2	153.3	49.0	124.9	532.6	90.3	622.9
150	151	ROORKEE COLLEGE OF ENGINEERING, ROORKEE	101.4	130.7	153.6	68.3	130.4	584.4	36.7	621.1
152	133	PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY, VISHAKHAPATNAM	87.3	127.4	153.4	54.2	135.7	558.0	62.3	620.3

100 | INDIA TODAY | JULY 6, 2020



TOP 200 BEST PRIVATE COLLEGES >>> ENGINEERING

OVER-ALL RANK 2019	OVER-ALL RANK 2018	INSTITUTE AND CITY	INTAKE QUALITY & GOVERNANCE	ACADEMIC EXCELLENCE	INFRASTRUCTURE & LIVING EXPERIENCE	PERSONALITY & LEADERSHIP DEVELOPMENT	CAREER PROGRESSION & PLACEMENT	OBJECTIVE SCORE	PERCEPTUAL SCORE	OVERALL SCORE
142	NP	TECHNO INTERNATIONAL NEW TOWN, GHAZIABAD	131.7	68.5	86.7	22.0	106.9	415.8	212.4	628.2
150	NP	ROORKEE COLLEGE OF ENGINEERING, ROORKEE	148.1	118.2	153.9	74.1	131.0	625.3	—	625.3
152	NP	HINDUSTHAN COLLEGE OF ENGG AND TECH, CHANDIGARH	159.3	95.8	150.5	77.9	140.8	624.3	—	624.3

INDIA TODAY | MAY 27, 2019


National Institutional Ranking Framework
 Ministry of Human Resource Development
 Government of India



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India Rankings 2018: Participated Institutes Engineering

Institution list in Alphabetical order

Show 100 entries

Search: Roorkee College

Name	City	State
Roorkee College of Engineering	Roorkee	Uttarakhand

Showing 1 to 1 of 1 entries (filtered from 906 total entries)

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COVER STORY EDUCATION BEST ENGINEERING COLLEGES OF INDIA 2018

UTTARAKHAND

Name of the Institution	Rating
Indian Institute of Technology, Roorkee	★★★★★
Roorkee College of Engineering, Roorkee	★★★★★
College of Engineering Studies, University of Petroleum and Energy Studies, Dehradun	★★★★★

44 ■ CAREERCONNECT ■ APRIL 2018

Wednesday, 30 June 2021



THE TIMES OF INDIA

TIMES ENGINEERING



TIMES ENGINEERING INSTITUTE RANKING SURVEY 2021

TOP 125 PRIVATE ENGINEERING INSTITUTES RANKINGS 2021

Name	Rank
Dr. A.P.J Abdul Kalam University, Indore (COE)	84
ROORKEE COLLEGE OF ENGINEERING, ROORKEE	85
Aditya Institute of Technology & Management, Tekkali	86



COVER STORY EDUCATION BEST COLLEGES & UNIVERSITIES OF INDIA 2018

Name of the Institution	Rating
Shri Ramswaroop Memorial University, Lucknow	★★★★
Roorkee College of Engineering, Roorkee	★★★★
Bundelkhand University, Jhansi	★★★★

21 ■ CAREERCONNECT ■ JUNE 2018



COVER STORY

UTTARAKHAND

PRIVATE ENGINEERING INSTITUTES

Name of the Institution	Rating
Quantum School of Technology, Roorkee	★★★★★
Roorkee College of Engineering, Roorkee	★★★★★
Uttaranchal Institute of Technology, Uttaranchal University, Dehradun	★★★★★

44 ■ CAREERCONNECT ■ APRIL 2017



COVER STORY

INDIA

TOP 40 ENGINEERING COLLEGES IN INDIA

Name of the Institution	Rating
PSG of Technology, Coimbatore	★★★★★
Roorkee College of Engineering, Roorkee	★★★★★
S.R.M. Engineering College, Kancheepuram, Chennai	★★★★★

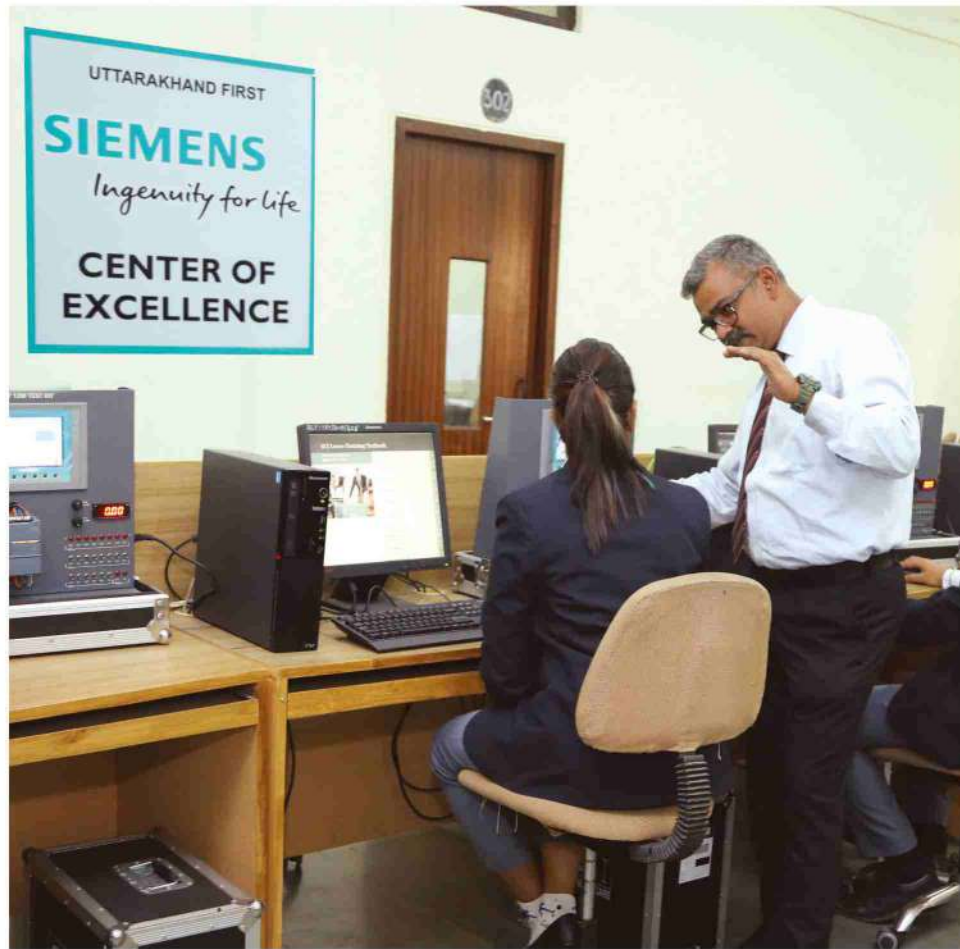
26 ■ CAREERCONNECT ■ JUNE 2014

facebook

★★★★★
4.9/5

Google

★★★★★
4.9/5



SIEMENS

Ingenuity for life

AUTOMATIONS AND DRIVES
RCE is the first college in Uttarakhand to have an official collaboration with SIEMENS Development University Program. RCE's SIEMENS COE imparts Know how about the latest technical Basic PLC, HMI, Networking and AC Drives. It is a global powerhouse focusing on the areas of Electrification, Automation and Digitization. This venture is expected to bridge the unsolved 'Academia-Industry' gap. Siemens center is offering our students, a solution to real life industrial problems and enhancing student's technical skills by implementing certified courses in PLC, and Automation.



E-Yantra is an initiative to spread awareness in Embedded Systems and Robotics by IIT Bombay sponsored by Ministry of Education, Government of India through the National Mission of E-Yantra via ICT (NMEICT). The goal is to create the next generation of (Embedded systems) engineers in India with a practical outlook to take on challenging problems and provide solutions.



RCE IEEE Student EEE & ECE Chapter



RCE IEEE Student EEE & ECE Chapter helps advance global prosperity by promoting the engineering process of creating, developing, integrating, sharing, and applying knowledge about electrical and information technologies and sciences for the benefit of humanity and the profession. The main perspective of IEEE student branch at RCE is to make the students aware of various facilities and student development programs provided by IEEE and to motivate students to write and publish their research papers in reputed journals having SCI & SCOPUS index.

RCE IEEE Student CSE Chapter



RCE IEEE Student CSE Chapter provides opportunities to meet and learn from fellow IEEE Student and Graduate Student Members, and engage with professional IEEE members locally. An active RCE IEEE Student CSE Chapter is one of the most positive elements of student's academic career, offering programs, activities, and professional networking opportunities that build critical skills outside of the classroom.

RCE CSI Chapter



Computer Society of India (CSI). This chapter is especially for CSE students to share their knowledge and exchange ideas with IT professionals of India. The purpose of the RCE CSI Chapter is to put scientific and educational efforts directed towards the advancement of the theory and practice of Computer Science and IT. Workshops are organized by the chapter for the students of Computer Science & Engineering.

RCE ASME Chapter



RCE ASME Chapter helps young professionals' transition from student to professional life. Especially mechanical engineers explore solutions to technical problems and to create interest among the students apart from what they learn during the course work. These chapters organize talks and workshops on different subjects by experts who are well known in their areas. These talks give students opportunities to learn about advanced research subjects.

RCE SWAYAM - NPTEL Local Chapter



The SWAYAM-National Programme on Technology Enhanced Learning (NPTEL) was initiated by seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee) along with the Indian Institute of Science, Bangalore in 2003. Five core disciplines were identified, namely, civil engineering, computer science and engineering, electrical engineering, electronics and communication engineering and mechanical engineering and 235 courses in web/video format were developed in this phase. RCE has a SWAYAM NPTEL Local chapter and looks forward to motivate students to enhance their skills and knowledge.

RCE IGBC Chapter



Indian Green Building Council (IGBC) : The vision of the student IGBC chapter is to enable a sustainable built environment for all and facilitate India to be one of the global leaders in that environment. RCE introduces IGBC chapter in the college so that mainly civil engineering students grab the opportunity to play an active role in the advocacy of green buildings and to make a community of professionals who would charter the green building path for India.

Quality in Education

Roorkee College of Engineering stands for its excellence. The pursuit of excellence in all its myriad dimensions is a continuous and relentless endeavor at the college, and it follows an eclectic and inclusive approach that is committed to take the benefits of education and learning to the society at large. This is amply demonstrated in its magnificent infrastructure comparable to the best in the world that facilitates learning for life. The courses and programs offered at RCE have been crafted with care and devotion, reflecting not just the realities of the marketplace but the very future that it is helping to define. The rigorous, research-oriented faculty community excels in inspiring teaching in the classroom. The staff is truly committed, warm and friendly. With a deep focus on its key constituents, the communities of scholars at the institute strive to push the frontiers of education and set higher standards. Together, these form a remarkable combination that can shape your careers and transform you into the extraordinary professionals.

Global Demand and Entrepreneurs

In the present day scenario, the education demands the active use of knowledge and skill in ways that are absolutely enlightening, noble and legacy creating. At Roorkee College of Engineering (RCE), we strive to reach out, educate, mentor and guide all those who choose to be the part of this institute. The key differentiator at RCE has its genesis in its ethos. Its ethos of students' centeredness, which guides every action at RCE and is central to its founding philosophy of creating and sustaining a community of lifelong learners, in an environment of literacy and critical thinking who can contribute significantly as value creators to the greater social wellbeing. Guiding this core value system at the institute is a leadership that believes in the globalization of education for humanity.

Our Education System

Our teaching pedagogy is skewed towards handouts, project based learning (PBL) Project labs, industry interaction and learning by doing. This helps the students to earn skill for real world situation. Further, individual assignments, seminars, workshop, value added programs and group projects act as catalyst in enhancing the students' attitude and inculcates the habit of group working. We understand that healthy body is gateway of healthy mind. Consequently the college has well developed games and sport facilities as sufficient outlets for extracurricular and social activities. We try to bring out best of you. With your support we will develop your attitude, skill and capacity to face the challenges of the real world. Our aim is only to develop professional attitude along with social growth to provide the solution of challenges of the real world.



गुरु ब्रह्मा गुरु विष्णु, गुरु देवो महेश्वरा ।
गुरु साक्षात् परब्रह्म, तस्मै श्री गुरुवे नमः ॥

RCE is known for global leadership in Technical & Professional education. The academic level of an Institute is measured by the quality of its faculty. RCE faculty is composed of world-class scholars. The Faculty members are passionate and curious individuals who continue their own research while teaching. They come from across the country, bringing with them a diverse wealth of knowledge. The Faculty have a strong belief that tomorrow's technocrats need to be creative, hard working and ready to shoulder tough challenges with a strategic and operational global perspective. All technical faculty members with mentoring skills are highly professional, and genuinely committed to nurture young minds. Analytical and integrative skills help students to organize information that is clear and structured, leading to accurate definition of problems, generation of creative solutions and timely implementation of a chosen approach.

Faculty members are motivated and are updated as per state of art, to inculcate analytical, engineering and managerial skills in students who in future would be capable of solving critical problems in a complex global scenario.



आरसीई कालेज के छात्रों ने ध्वनि रॉकेट का किया सफल परीक्षण



आरसीई कालेज के छात्रों ने ध्वनि रॉकेट का सफल परीक्षण किया। छात्रों को प्रोफेसर और अन्य शिक्षकों की सहायता मिली।

आरसाई में प्रथम माहिला वालंबाल लॉग का आयोजन

रुड़की (एसएनबी)। काउंटेरी विद्युत रुड़की कॉलेज ऑफ इंजीनियरिंग के परिसर में पहली बार लड़कियों के प्रोत्साहन के लिए रुड़की कॉलेज ऑफ इंजीनियरिंग और खेली स्कूल स्पोर्ट्स प्रमोशन ट्रस्ट के सहयोग से प्रथम महिला वालंबाल लॉग-2021 का आयोजन किया गया। कार्यक्रम के अध्येक्षक सैम्युएल स्टुडेंट्स, इंजीनियरिंग विभाग अध्यक्ष, सपर चौधरी तथा सुमित चौहान ने किया। कार्यक्रम के विभिन्न अंशों में अंतराष्ट्रीय स्तर पर प्रथम महिला वालंबाल लॉग-2021 का आयोजन किया गया। कार्यक्रम के अध्येक्षक सैम्युएल स्टुडेंट्स, इंजीनियरिंग विभाग अध्यक्ष, सपर चौधरी तथा सुमित चौहान ने किया। कार्यक्रम के विभिन्न अंशों में अंतराष्ट्रीय स्तर पर प्रथम महिला वालंबाल लॉग-2021 का आयोजन किया गया।



कार्यक्रम का उद्घाटन करते हुए अध्येक्षक सैम्युएल स्टुडेंट्स, इंजीनियरिंग विभाग अध्यक्ष, सपर चौधरी तथा सुमित चौहान ने किया।

देहरादून/हरिद्वार, 22 दिसंबर, 2021 दैनिक जागरण

समाचार सार



छात्रों स्कूल स्पोर्ट्स प्रमोशन ट्रस्ट की ओर से मेहताजी में प्रथम महिला वालंबाल लॉग का रीप जलकर उद्घाटन करते अतिथि सखार-अध्यक्षक सखार

तकनीकी युग की तरफ रुख करें युवा : राजेंद्र डोभाल

रुड़की कॉलेज ऑफ इंजीनियरिंग में आयोजित दीक्षांत समारोह में 150 छात्रों को दी गई डिग्रियां, डिग्री पाकर छात्रों के चेहरे खिले



रुड़की कॉलेज ऑफ इंजीनियरिंग में छात्रों को डिग्री प्रदान करते महादिशक डॉ. राजेंद्र डोभाल - निम्न

आरसीई के 42 छात्रों को मिला रोजगार



रुड़की। रुड़की कॉलेज ऑफ इंजीनियरिंग में 42 छात्रों को रोजगार मिला।

आरसीई में नृत्यों की रही धूम



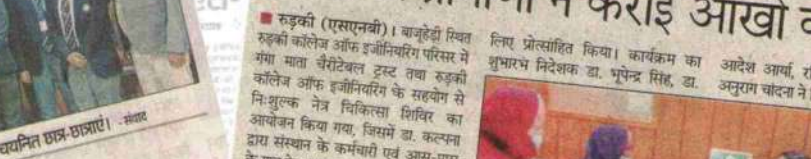
आरसीई में आयोजित फ्रेशर पार्टी में नृत्य प्रदर्शन और मिस प्रेस।

आरसीई में कैम्पस रिक्रूटमेंट ड्राइव



आरसीई में आयोजित कैम्पस रिक्रूटमेंट ड्राइव का सफल आयोजन।

शिविर में ग्रामीणों ने कराई आंखों की जांच



शिविर में आयोजित आंखों की जांच का कार्यक्रम सफल रहा।

आरसीई में कैम्पस रिक्रूटमेंट ड्राइव में 32 छात्र चयनित



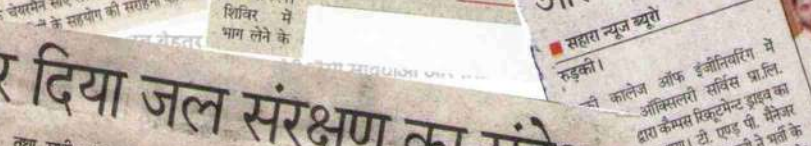
आरसीई में आयोजित कैम्पस रिक्रूटमेंट ड्राइव में 32 छात्रों को चयनित किया गया।

पौधरोपण कर दिया जल संरक्षण का संदेश



पौधरोपण कर दिया जल संरक्षण का संदेश। छात्रों को जल संरक्षण का महत्व बताया गया।

कैम्पस प्लेसमेंट में आरसीई के 15 छात्र चयनित



कैम्पस प्लेसमेंट में आरसीई के 15 छात्रों को चयनित किया गया।

आरसीई में कैम्पस रिक्रूटमेंट ड्राइव में 32 छात्र चयनित



आरसीई में आयोजित कैम्पस रिक्रूटमेंट ड्राइव में 32 छात्रों को चयनित किया गया।

आरसीई में कैम्पस रिक्रूटमेंट ड्राइव



आरसीई में आयोजित कैम्पस रिक्रूटमेंट ड्राइव का सफल आयोजन।

आरसीई में कैम्पस रिक्रूटमेंट ड्राइव



आरसीई में आयोजित कैम्पस रिक्रूटमेंट ड्राइव का सफल आयोजन।

आरसीई में कैम्पस रिक्रूटमेंट ड्राइव



आरसीई में आयोजित कैम्पस रिक्रूटमेंट ड्राइव का सफल आयोजन।

Code of Conduct

1. It is mandatory for students to wear the college uniform and carry student ID card during all working days inside the campus.
2. The Students should be regular in attending their classes with dignity and decorum.
3. Minimum 75% attendance is required to appear in all enrolled courses.
4. Students are prohibited from bringing mobile phones inside classrooms, labs, library, and office etc.
5. Smoking and drinking is strictly prohibited / banned. Strict discipline action will be taken on defaulters.
6. Any kind of misbehavior is prohibited both inside and outside the campus.
7. Violation of rules shall be dealt as per the terms and the binding of law.
8. Only four passes are allowed for outing from campus.

RAGGING FREE CAMPUS

Our campus is ragging free. If any student is found indulged in this activity, immediate action is taken against him / her as per law of Govt. of India. (Ragging has ruined countless innocent lives and careers). In order to eradicate it, Hon'ble Supreme Court in Civil Appeal No. 887 of 2009, passed the judgement wherein guidelines were issued for setting up of a Central Crisis Hotline and Anti-Ragging database.



Computer Science is the most modern branch of engineering. Computers are already an integral part of our daily lives. It is applied in almost every field like medicine, bioscience, and artificial intelligence, Robotics, virtual reality and arts. There is no branch of engineering which is complete without computer science. It is an exciting, ever – changing and creative field for a true life-long learner. Computer Science jobs are among the highest salaried jobs in the industry. Computer Science engineering deals with design, implementation, and management of information system of both software and hardware processes. The engineers are mainly involved in the development of software and hardware systems of various aspects of computing.

COURSE OFFERED :

- **M.Tech • B.Tech • BCA**
- **B.Sc. (Animation & Multimedia)**

(HON'S) SPECIALIZATION*

- **Artificial Intelligence and Machine Learning**
- **Internet of Things (IoT) • Robotics**
- **Cyber Security**

LABORATORIES :

- | | |
|-----------------------------------|---------------------------|
| • Visual Programming Lab | • Computer Graphics Lab |
| • Microprocessor Lab | • Python Lab |
| • Computer Design Lab | • Cloud Computing Lab |
| • Artificial intelligence Lab | • Advanced Java & C++ Lab |
| • Digital Electronics Lab | • Algorithms Lab |
| • Web Technology Lab | • Operating Systems Lab |
| • Software Engineering Lab | • Data Structures Lab |
| • Dot Net Lab | |
| • Object Oriented Programming Lab | |
| • Unix and Shell Programming Lab | |
| • Computer Graphics Lab | |
| • Database Management Systems Lab | |
| • Machine Learning Lab | |

CORE COMPETENCIES :

- Digital Media
- Technology Management
- Critical Thinking and Problem Solving
- Contemporary Programming Tools
- Coding for programs

RESEARCH AREAS & FACILITIES :

- Cloud Computing • Computer Vision • Big Data
- Android • Data Analytics • Software Development
- Visual Computing • Graphics and Visualization

ACHIEVEMENTS :

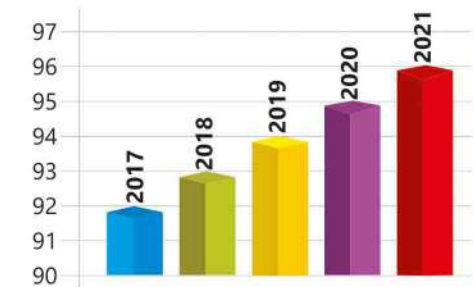
- Gate Qualified students pursuing their M.Tech / PSU Job : **12**
- Research Paper Published in Refereed International Journals : **23**
- Centre of Excellence for Internet of Things (IoT) – **Tektronix**
- Centre of Excellence for Cyber security – **Palo Alto**
- IEEE Students Branch Chapter (Computer Society)
- Patents - 03

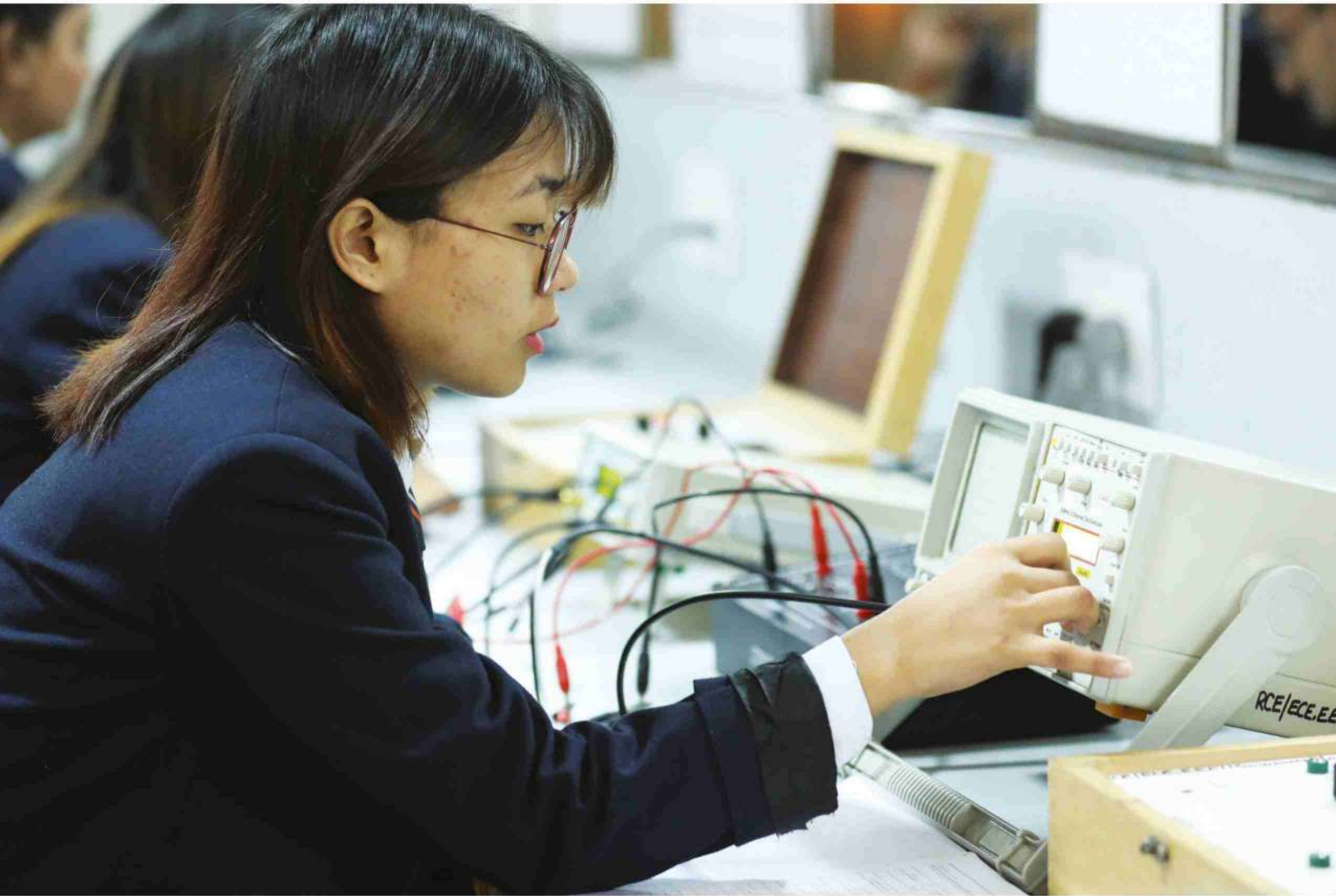
INDUSTRY ORIENTED MODULES

- System-on-a-chip design – FPGAs & ASICs • Reconfigurable Computing • Algorithms and Structures for efficient data and Image Processing on-board • Intelligent Systems for On-Board
- Data processing and Control • Connectivity, Networking and Distributed Computing • Automotive Applications • Rapid Embedded Systems • Data Science • Efficient Embedded Systems
- Design and Programming • Embedded Linux • Advanced System on Chip Design • Real-Time Operating Systems • Internet of Things
- Design and Programming • Digital Signal Processing
- Graphics and Mobile Gaming • Android Programming
- Digital Marketing • Deep-Learning Technique
- Instruments in IoT Bench: Keithley Battery Simulator, Keithley Multi-meter, Real Time spectrum Analyzer, Digital Oscilloscope of 1 GHz or above, Tektronix VNA, Various Miscellaneous accessories.

PLACED ALUMNI :

Divya Kashyap : IBM
 Abhinay Kumar : WIPRO
 Swapnil : HCL
 Rajeev Kumar Mahato : TATA Technologies Ltd. Mumbai
 Chetanya Murari : MPL
 Many More.....





Electronics and Communication engineering is the heart of the new industrial revolution. Every Industry today viz. telecommunications, domestic appliances sector, medical equipments, mobile phones, automotive systems and navigational systems require expert knowledge of electronics and the need for ever increasing performance in these areas is both challenging and rewarding. It is the branch of engineering which improves the people's lives around the world by changing the world with revolution in technology.

COURSE OFFERED :

- **M.Tech** • **B.Tech**

(HON'S) SPECIALIZATION*

- **Artificial Intelligence and Machine Learning**
- **Internet of Things (IoT)** • **Robotics**
- **Cyber Security**

LABORATORIES :

- Electronics Circuits Lab
- Digital Electronics Lab
- Advanced Microprocessor Lab
- PCB Designing Lab
- Communication Lab
- Electronics Measurement Lab
- OFC Lab
- Microwave Lab
- Analog Integrated Circuit Lab
- Circuit Designs and PCB Lab
- Digital Signal Processing Lab
- Digital Communication Lab
- Analog Communication Lab
- Computer Aided Design Lab
- CAD of Electronic Circuit Lab
- PLC & Automation Lab

CORE COMPETENCIES :

- Wireless Communications
- VLSI Embedded Systems
- PCB Designing
- Digital Signal Processing
- Networking
- Satellite Communication
- Cost Estimation
- Risk Analysis

RESEARCH AREAS & FACILITIES :

- Nano material analysis
- Microelectronics and Nanotechnology
- Antenna Design using NS
- Robotics
- Communication Systems
- Recycling of e-waste
- Electronic Sensors

ACHIEVEMENTS :

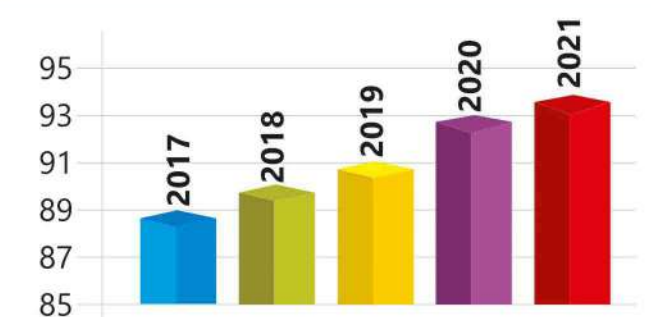
- Gate Qualified students pursuing their M.Tech / PSU Job : **12**
- Research Paper Published in Refereed International Journals : **28**
- Research Projects Funded : **02**
- International Mobility : **03**
- Patent : **02**
- Centre of Excellence for Advanced PCB and Antenna Lab
- MHRD Funded e-Yantra Embedded systems Robotics Lab
- IEEE Students Branch Chapter (IEEE Communication Society)

INDUSTRY ORIENTED MODULES

- Real time spectrum analysis • 802.11 a/b/g/j/n/ac (WLAN)
- Bluetooth, Zigbee • Intercepting and decoding packets over the air • OFDM, EMI/EMC • Internet of Things (IoT)
- SDR and Cognitive Radios • Antenna Measurement Setup
- Radar 802.11a/b/g/n/ac IEEE 802.11 is a set of media access control (MAC) • PCB and RF Antenna Design • 3D Printer
- Introduction to System on Chip Design
- Advanced System on Chip Design • Internet of Things
- EDWin XP software for Design

PLACED ALUMNI :

Shradha Jha : TATA Consultancy Services
 Priyanka : Dell India Pvt. Ltd.
 Urvashi : TATA Consultancy Services
 Ankit Kumar : SDNX, JBM Group
 Many More.....





Mechanical engineering is one of the most ancient forms of engineering. If anyone is fascinated by robots and Automobile engines then mechanical engineering may be the perfect profession for him/her. Since mechanical engineering is involved in almost all designs, that brings the need of Mechanical Engineers. Therefore, on graduating with Mechanical Engineering the choice of the career is virtually unlimited.

COURSE OFFERED :

- **B.Tech** • **Diploma**

(HON'S) SPECIALIZATION*

- **3D Printing** • **Electric Vehicles** • **Robotics**

LABORATORIES :

- Basic Mechanical Engg. Lab
- Thermal Engg. Lab
- Material Science and Testing Lab
- Metrology Lab
- Workshop Lab
- Manufacturing Science Lab
- Thermodynamics Lab
- Fluid mechanics Lab
- Automobile Engg. Lab
- Fluid Machinery Lab
- Heat and Mass Transfer Lab
- Engg. Drawing Lab
- Refrigeration and AC Lab
- Machine Drawing Lab
- CAD/CAM Lab

CORE COMPETENCIES :

- CAD/CAM
- Automated Model Programming
- Machining and Fabrication
- Mechanical Skills
- Manufacturing
- Cost Estimation
- Risk Analysis

ACHIEVEMENTS :

- Gate qualified students who pursuing their M.Tech. / PSU Job : **12**
- Research Paper Published in Refereed International Journals : **26**
- Centre of Excellence for Automation Technology set up by Bosch Rexroth, Germany
- Patent - **02**

RESEARCH AREAS & FACILITIES :

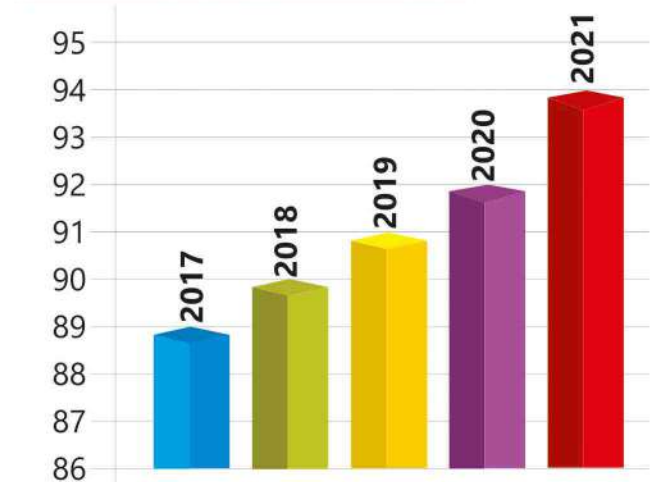
- Biomechanical Engineering & Health Controls
- Design & Manufacturing
- Dynamics & Control
- Energy Science and Technology
- Fluids
- Materials and Structures
- Mechanics
- MEMS / Nano
- Aerodynamics and Fluid Mechanics
- Combustion and Energy Systems
- Vibrations, Acoustics, and Fluid - Structure

INDUSTRY ORIENTED MODULES

- NX CAD/CAM
- EDGE CAM – Uni Graphics
- Workstation with software as Delcam
- Arm Debugger and Keil µVision Debugger
- Arm Compiler 6
- Product Development: Engineering Graphics and Solid Modeling Skills
- Manufacturing Industries: Design, Model and Documentation of Manufacturing Industries.
- Layout improvement methodology and considerations
- Role of digitization into manufacturing/maintenance/quality systems

PLACED ALUMNI :

Ashish Illeth : Aditya Birla Group
 Rohit Singh : Maruti Suzuki
 Pravesh Kumar : Adani Group
 Akash Mishra : TATA Steel Ltd.
 Many More.....





Electricity has become the basic need for modern living. From household to industrial plants, communication and satellite navigation systems, electronic equipment, computer etc. are all powered by electricity. Electrical Engineering is one of the core branches of engineering. Thus its scope never fades away. It can be said that it is an evergreen branch of engineering. In today's world, Electronics is playing an important role in the implementation and control of Electrical Machines. Keeping this in mind the course has been designed by fusion of Electronics and Electrical and is named as Electrical and Electronics Engineering or simply EEE.

COURSE OFFERED :

- **B.Tech** • **Diploma**

LABORATORIES :

- Basic Electrical Lab
- EMEC-I (DC Machines) Lab
- Simulation lab
- Electrical Drives Lab
- Network and Measurement Lab
- EMEC-I (AC Machines) Lab
- Control Systems Lab
- Optical-fiber Communication Lab
- Power Electronics Lab
- Analogue and Digital Electronics Lab
- Power System Lab
- Digital Communication Lab
- Analog Communication Lab
- Circuit Design and PCB Lab

CORE COMPETENCIES :

- Electric Vehicles
- Solar energy
- Internet of Things
- Optical Devices
- Energy Harvesting
- Satellite Communication
- Cost Estimation
- Risk Analysis

RESEARCH AREAS & FACILITIES :

- Nano Devices
- Microelectronics and Nanotechnology
- Antenna Design using NS
- Smart grid
- Robotics
- Embedded Systems
- Recycling of electric waste
- Electronic Sensors

ACHIEVEMENTS :

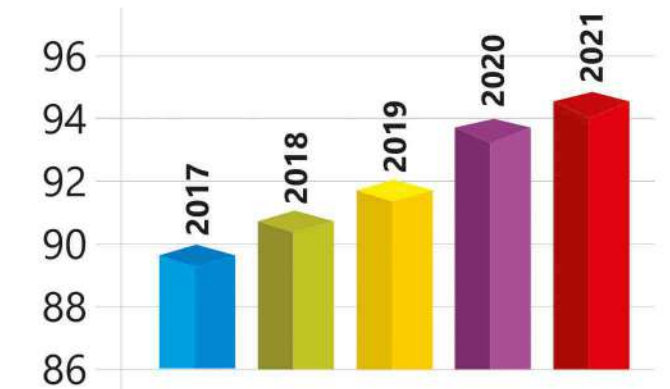
- Gate Qualified students who pursuing their M.Tech / PSU Job : **06**
- Research Paper Published in Refereed International Journals : **23**
- Research Project Funded : **02**
- International Mobility : **03**
- Patents : **02**
- Centre of Excellence: Siemens Automation Lab
- MHRD Funded E-Yantra Embedded systems Robotics Lab
- IEEE Students Branch Chapter (IEEE Power system Society)
- Books and Manuals published with referred publishers : **08**
- Online and offline Articles published on recent trends in electrical engineering : **13**

INDUSTRY ORIENTED MODULES

- Simulation of Power Electronic circuits.
- Modelling of Non-linear Electrical Loads.
- Fault Diagnosis of High Power and High Frequency Switching Converters.
- Control Circuitry for Different Kinds of Applications.
- Modeling and Simulation of Electrical & Electronics Systems.
- Development of a Combined Off-line and Real-time Simulator for Power Electronics Simulation.
- Integration of Power Electronics with Digital Control Systems, and System Prototyping.
- Fault Diagnosis of Continuous Systems.

PLACED ALUMNI :

Prashant : TATA Consultancy Services
 Saved Ali : Hiduja Global Solution Pvt. Ltd.
 Kamal Kumar Upadhyaya : Accenture Pvt. Ltd.
 Harsh Kumar Saini : Rockwell, Bangalore
 Himanshu Karayat : Greentech Solar Plant
 Many More.....





Civil engineers are the fabricators of our modern society and the protectors of the environment. They deal with people and their management, material and their use, designs and their application, and the problems of beneficially interweaving these factors to serve the society. Civil Engineering involves designing and managing a number of construction projects. A civil engineer can be involved in creating everything from a small bridge to a lavish residential complex. Broader in nature, Civil Engineers specialize into a variety of areas viz. transportation, infrastructure, water resources, urban design, coastal areas and the environment.

COURSE OFFERED :

- **B.Tech** • **Diploma**

(HON'S) SPECIALIZATION*

- **Smart Cities** • **Earthquake Engineering**
- **Environmental Geo-Technology**

LABORATORIES :

- Building Planning and Drawing Lab
- Hydraulics Lab
- Hydraulic Machines Lab
- Building Materials Lab
- Concrete Lab
- Soil Mechanics Lab
- Environmental Lab
- Surveying Lab
- Geology Lab
- Advanced Survey Field Work Lab
- Structural Analysis Lab
- Transportation Lab
- CAD Lab-I

CORE COMPETENCIES :

- Surveying
- Advanced Construction- Materials
- Slope Stability Analysis
- Building Foundation Design
- Construction Quality Audit
- Dams and Reservoirs
- Cost Estimation
- Risk Analysis

RESEARCH AREAS & FACILITIES :

- Material Testing
- Hydraulic Machinery
- Geothermal Engineering
- Concrete and Highway Engineering
- Industrial Waste Utilization
- Highway & Transportation Engg.

ACHIEVEMENTS :

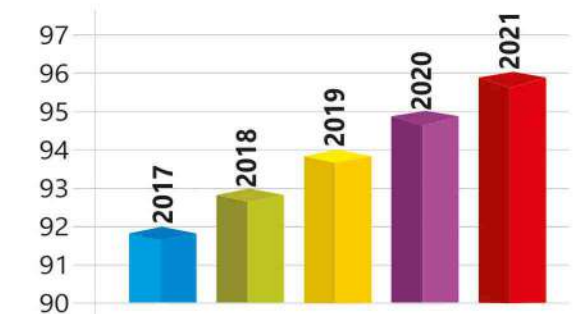
- Research Papers Published in Refereed International Journals : **19**
- Centre of Excellence for Advanced GIS Lab
- Ongoing Project on Remote Sensing Applications in Agriculture
- Ongoing Project on Remote Sensing Applications to Crop Growth Modelling
- International Mobility : **02** (Japan & Indonesia)
- Patents - **02**
- Gate Qualified students pursuing their M.Tech / PSU Job : **09**

INDUSTRY ORIENTED MODULES

- Uses latest software SAFE, ETAB,
- International Course on Dissemination of HDM-4
- Traffic Engineering and Road Safety Audit
- Water Resources Modeling Lab
- Slide Mitigation and Detailed Project Report (DPR) Preparation
- Design, Construction and Quality Control in Flexible Pavements
- Planning for Sustainable Transportation System
- Geo-Spatial Technology (GIS, GPS, RS Etc.) for Roads and Transportation
- Geotechnical and Landslide Investigations for Highway Projects
- Lysimeter Lab

PLACED ALUMNI :

Pravin Singh : Hindustan Construction Company
 Rituraj Tiwari : Larsen & Toubro
 Mohd. Akram : Hundai Construction Engineering
 Krishna Kumar : Prithvi Construction, Nepal
 Many More.....





The department focuses on the agricultural, food, forest and environmental sciences, as well as on technology and research. The faculty of agriculture and forestry is to promote the sustainable use of renewable natural resources through scientific research and research-based teaching. We cover the full natural resource chain from farm to work, the entire field of forest sciences from soil chemistry to marketing, as well as the environmental effects of related activities. Our education is based on the development of India in field of natural sciences, economics and technology. With the present scenario, government's focus is on agriculture and Forestry to develop the economy of Nation, because 80% of Indian economy relies on Agriculture and Forestry. Experts say that there will be more jobs available in agriculture and allied industries, than ever before. With the industry on the ascent, but with college students uninformed about the opportunities in this field there is an understandable shortage of talent in this field. Organic farming is an alternative agriculture system which deals with rapidly changing farming practices. It relies on fertilizers of organic origin such as compost manure from green manure, bone meal.

COURSE OFFERED :

- **B.Sc. (Agriculture)** • **B.Sc. (Forestry)**

CORE COMPETENCIES :

- Smart Farming
- Farm Automation
- Fruit and Vegetable Harvesting
- Precision Agriculture
- Spray Deposition on Tree Canopies
- Monitoring Biochemical Processes
- Cost Estimation
- Risk Analysis

RESEARCH AREAS & FACILITIES :

- Organic Farming
- Analysis of Citrus Harvest Operations
- Machinery Safety - Development and Testing of Safety Innovations for Agricultural Machinery
- Machine System Design
- Machine Vision/Image Processing
- Modeling of Spray Deposition on Tree Canopies
- Modeling Soil Compaction Effects on Sugarcane Growth & Yield
- Population, Agriculture, and Environment
- Remote Sensing for Detection of Plant Stress

Skill Enhancement Courses (SEC) :

The college provides opportunities to every student minimum 15 days residential specialized practical training at Govt. / Private renowned training centres. These courses shall be chosen by candidates from a pool of courses. The courses are as here under:

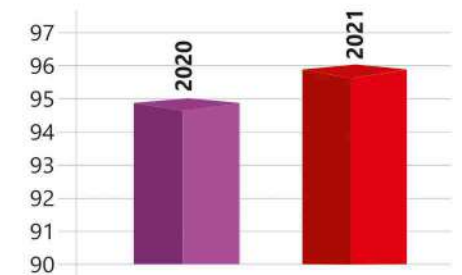
- Mushroom Culture & Technology.
- Bio Fertilizer.
- Nursery & Gardening.
- Floriculture & Landscaping.
- Graphics & Designs.
- Basic Writing skill for Media.
- Advanced Legal Writing skill.
- Organic Farming.
- Apiculture.
- Agribusiness Management.
- Hydroponics.
- Vertical Farming.

ACHIEVEMENTS :

- Research Papers Published in Refereed International Journals : **36**
- Books and Manuals published in reputed publications : **08**
- Online and offline Articles published on recent trends in Agricultural engineering : **13**
- Dr. V. K. Vimal, Dr. Pushpendra Kumar and Raja Bhaiya (2019) Growth & Development of Vegetable Crops. Sankalp Publication Bilaspur-Chhattisgarh. (ISBN: 978-93-88660-51-8)
- Dr. Pushpendra Kumar, Satyendra Kumar and Veerendra Kumar (2019) Tomato. Books clinic Publication Bilaspur - Chhattisgarh. (ISBN: 978-93-88797-66-5)

PLACED ALUMNI :

Abdul Wahid Ansari : Boketto Technologies Pvt. Ltd.
 Lalit Kumar Yadav : Patanjali, Nepal
 Abhinika Priyadarshi : Dabur
 Tanuja Gahlot : Parle Industry
 Afzal Hussain Mazumder : Dayal Group.
 Many More.....





Pharmacy is the science and technique of preparing, dispensing, and reviewing drugs and providing additional clinical services. It is a profession that links health sciences with pharmaceutical sciences and aims to ensure the safe, effective, and affordable use of drugs. The professional practice is becoming more clinically oriented as most of the drugs are now manufactured by pharmaceutical industries. Based on the setting, the pharmacy is classified as a community or institutional pharmacy. Providing direct patient care in the community of institutional pharmacies are considered clinical pharmacy.

The scope of pharmacy practice includes more traditional roles such as compounding and dispensing of medications, and it also includes more modern services related to health care, including clinical services, reviewing medications for safety and efficacy, and providing drug information. Pharmacists, therefore, are the experts on drug therapy and are the primary health professionals who optimize the use of medication for the benefit of the patients.

COURSE OFFERED :

- **B. Pharma**
- **D. Pharma**

LABORATORIES :

- Pharmaceutics labs
- Pharmacology labs
- Pharmacognosy Lab
- Biotechnology labs
- Pharmaceutical Analytical labs
- Sophisticated AC Instrumentation Room
- Medicinal Chemistry labs
- Machine room
- Medicinal garden

ACHIEVEMENTS :

- Research Paper Published in Refereed International Journals : 15
- Books and Manuals published in reputed publisher : 7
- Online and offline Articles published on recent trends Pharmacology in : 17
- Dr. Sayantan Mukhoupadhyay, faculty received Young Scientist Award in 2021.

CORE COMPETENCIES :

- Pharmacy Professional
- Pharmaceutical Marketing
- Pharmacology
- Medical Device Innovation



DEPARTMENT OF HOTEL MANAGEMENT

Hotel Management is the art and science of professionals organising and operating a facility of providing boarding, lodging, food and services to its guests. It is a way of achieving ones career objective by providing hospitality to its guests. Hotel Management is a career that provides extensive opportunities for travel and working abroad. In this course, we teach students the skills to effectively manage different responsibilities such as reception, concierge services, restaurant, bar functions, marketing, eco-tourism, leisure, business administration and management. Hotel Management is an area of study that covers a wide range of topics concerned with the operational aspects of hoteliers.

COURSE OFFERED :

- **BHM (Hotel Management)**

JOB OPPORTUNITIES :

- Management Trainee in Hotel and allied hospitality industry
- Kitchen Management/Housekeeping Management positions in Hotels after initial stint as trainee
- Flight Kitchens and on-board flight services
- Indian Navy Hospitality services
- Guest/Customer Relation Executive in Hotel and other Service Sectors
- Management Trainee/Executive in International and National fast food chains
- Faculty in Hotel Management/Food Craft Institutes
- Shipping and Cruise lines
- Marketing/Sales Executive in Hotel and other Service Sectors
- State Tourism Development Corporations Resort Management
- Self-employment through entrepreneurship
- Multinational companies for their hospitality services.

CORE COMPETENCIES :

- Airline Catering & Cabin Services
- Forest Lodges
- Cruise Ship Hotel Management
- Guest Houses, Resorts
- Hotel and Tourism Associations
- Club Management
- Hospital Administration and Catering



DEPARTMENT OF MANAGEMENT

The Bachelor of Management is a three year full time programme which focuses on enhancing the ability to communicate, analyze situations, present own views in front of a large audience, take decisions using quantitative and qualitative factors and develop a holistic view of the different functional areas of business environment. The most successful business leaders can integrate knowledge of finance, marketing, management and operations into an effective business model. The bachelor of mangement program prepares students for a full range of functions within the business world.

Organizations today need smart, young and energetic workers who not only have the basic management knowhow degree-wise, but also are industry ready professionals who can imbibe the industry-basics fast, internalize smart work skills of the trade and are innovative in their ideas and initiatives to create competitive advantage for the organization in the market.

The academic framework of the program includes several live industry projects, surveys of real life situations, intense industry internship, entrepreneurship, global immersion program and hands on experience in the world of business.

COURSE OFFERED :

- **BBA (Business Administration)**
- **BHA (Hospital Administration)**
- **BA (Tourism Management)**

CORE COMPETENCIES :

- Digital and Social Media Marketing
- Retail Marketing
- Hospital Management
- Supply Chain and Logistics Management
- Global Marketing System
- Tourism Management
- Hospitality Management



The Bachelor of Commerce is a three-year full time program which provides a foundation in all aspects of commerce, accounting, finance and business management. It is an undergraduate Commerce course. Financial Accountancy is the field of accountancy concerned with the preparation of financial statements for decision makers, such as stockholders, suppliers, banks, employees, government agencies, owners, and other stakeholders. B.Com (Hon's) allow to setup income and expense accounts such as rental or sales income, salaries, advertising expenses and material cost. It also can be used to manage bank accounts, pay bills and prepare budgets.

COURSE OFFERED :

• B. Com. (Hons.)

Skill Enhancement Courses (SEC) :

The college provides opportunities for each/every student minimum 15days/1-month practical training at Govt/Private renowned company. These are value based/skill-based courses aimed at providing hands-on-training, competencies, skill etc. These courses shall be chosen by candidate from a pool of courses. The courses are given here as below :

- TALLY accounting Training
- Industrial visit to gain knowledge of accounts, e-commerce, tax and auditors
- Computer Training in corporate/banking/insurance sector
- Guest lectures by industry-specialized persons
- Basic Computer Certification Courses
- Direct Tax Laws and International Taxation
- E-Filing Training
- Valuation & Business Modeling
- Insolvency – Law & Practice
- Banking Law & Practice
- Insurance Law & Practice
- Intellectual Property Rights-Laws and Practices
- Forensic Audit

JOB OPPORTUNITIES :

- Accounts Expert • Accountant • Company Secretary
- Finance Analyst • Finance Controller • Stock Broker
- Tax Auditor • E- Commerce

CORE COMPETENCIES :

- Auditor
- Cost Accountant
- Finance Planner
- Financial Consultant
- Portfolio Manager
- Tax Consultant
- E- Commerce
- Economist
- Chartered Accountant



The Central Library is stacked with thousands of books authored by prominent authors on various subjects. To encourage research activities and advanced reading, the library has membership of many e-journals and databases. This gives accesses to articles, books and reference material online. The intake of books is a regular feature in the library and no important title related to the courses of study is missed. In addition to the course books, general books for personality development, general knowledge, handbooks, yearbooks, reference books etc. are also added.

There is a reference section in library having most of the important titles. The library subscribes to National and International journals, magazines of the interest along with national and regional dailies

to keep the students abreast with the day to day happenings in the world and their fields of study. The library is tastefully furnished with a capacity to accommodate 250 students at a time in its spacious reading halls. There is serene atmosphere in the library. The rows of neatly stacked books play a major role in attracting the students to the library for study and supplementing their class notes. The RCE library collectively supports the teaching, research and extension programmes of the institute. The Library has subscribed 84 National / International Journals & Magazine. RCE Library is the member of DELNET (Developing Network) New Delhi. The books are up dated regularly in reference to state of art.



What can you expect in your first year? Year Two and Beyond

Shortly after you arrive at RCE to take up your place on any course at the campus, a meeting will be arranged with your Personal mentor – a member of our teaching staff who will monitor your overall progress and always be there for you to discuss any problems that might be affecting your studies. As a student, your initial meeting with your personal mentor will focus on designing a personal study plan which will include a schedule of supplementary courses to address any knowledge gaps in your core study area identified by your pre-entry assessment. In order to enhance communication skills, the majority of students joining the College will be required to attend “**English for Academic Purposes**” courses. These are specially designed to help students attain the speaking, reading and writing standards and will count towards the number of credits required to successfully move in the second year. Your mentor will help you to decide what combination of course options in each semester might be the most suitable and beneficial choice for you. Apart from the supplementary courses designed specifically for students, you will attend the same lectures and undertake the same practical assignments in your core subject as every other first-year student on your particular programme. In other words, regardless of your entry route, you'll be treated in exactly the same way and enjoy all the same privileges and benefits right from day one!

You will need to accumulate credit points from a combination of your core subjects and other complementary courses to successfully complete your first year studies and move on to year two. With help and advice from your Personal Mentor, this is the point where you will need to decide on which subjects you need to focus more within your core discipline you wish to study/learn over the three remaining years of your degree programme to become expert in basics related to your course. There is the option in many of the subjects to extend extra certification courses you can opt to develop your strength in relevant field. We always support our students to develop their skills and pursue online and offline training for them.

After Course Completion

As you complete your graduation, you have lots of options to choose from :

- Pursue higher education in India or abroad through academic scholarship.
- Preparation for GATE/PSU's and Govt. jobs (Banking, DRDO, ISRO, PUSA, BHEL & UPICIL etc.).
- Opt a good job and step into the real world of work.
- Start up your own business /company/ organization.
- Entrepreneurship through start up India.



Infrastructure is most contemporary and dynamic in nature since it acts as a base for the effective implementation of the curriculum; our endeavour is to keep pace with the development. This great temple of technical education is enchanting the student's community for being first choice for their studies.

E- Classrooms

The institute has theater style lecture Halls, smart classroom, modern labs, conference and seminar halls, a gym, an amphitheater, High-tech learning resource centre, state of the art Infrastructure, High-tech laboratories and multimedia enabled class rooms having visual teaching aids.



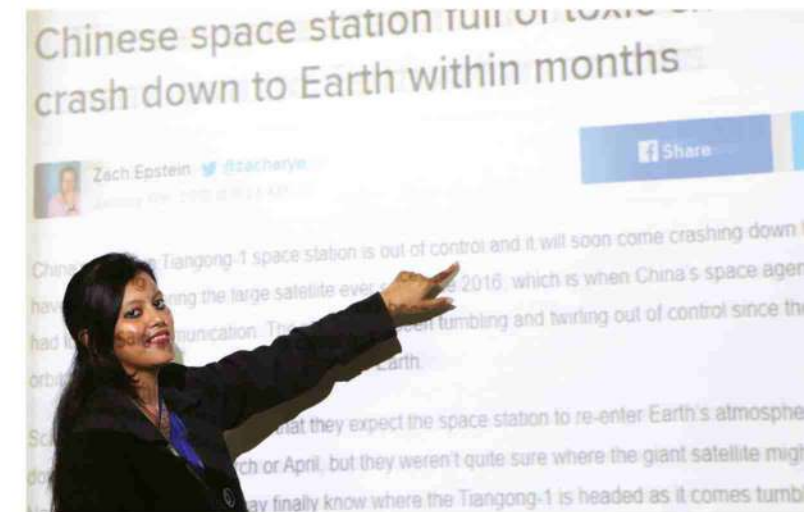
Moodle

Modular Object-Oriented Dynamic Learning Environment is the 'virtual learning environment' which is used to deliver online learning materials such as lecture presentations and study guides. This online educational platform provides custom learning environments for students. Faculty can use Moodle to create lessons, manage courses, and interact with teachers and students. Students can use Moodle to review the class calendar, submit assignments, take quizzes, and interact with their classmates. It provides easy access to your learning resources and activities together with a Personal Learning Plan to support your studies here. You can access it from any computer with internet access.



Always Connected

Understanding the need and importance of Internet in the field of education, the RCE campus is well equipped with High Speed Internet Connectivity and has strong backbone of dedicated OFC link throughout the campus including the hostels. This helps the students to enhance their knowledge, skills and capabilities by web surfing.

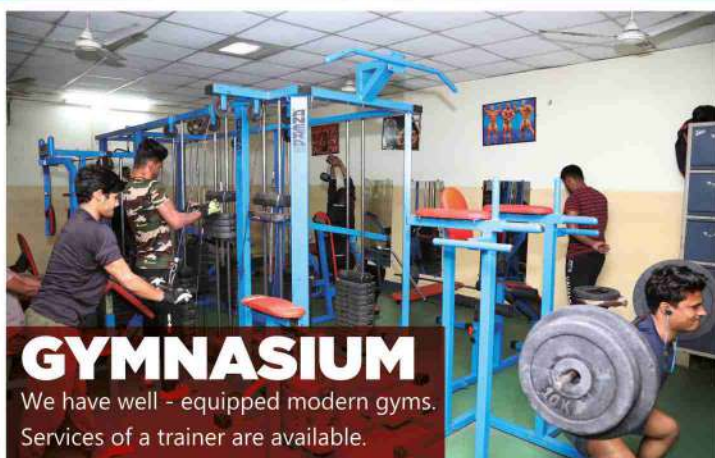
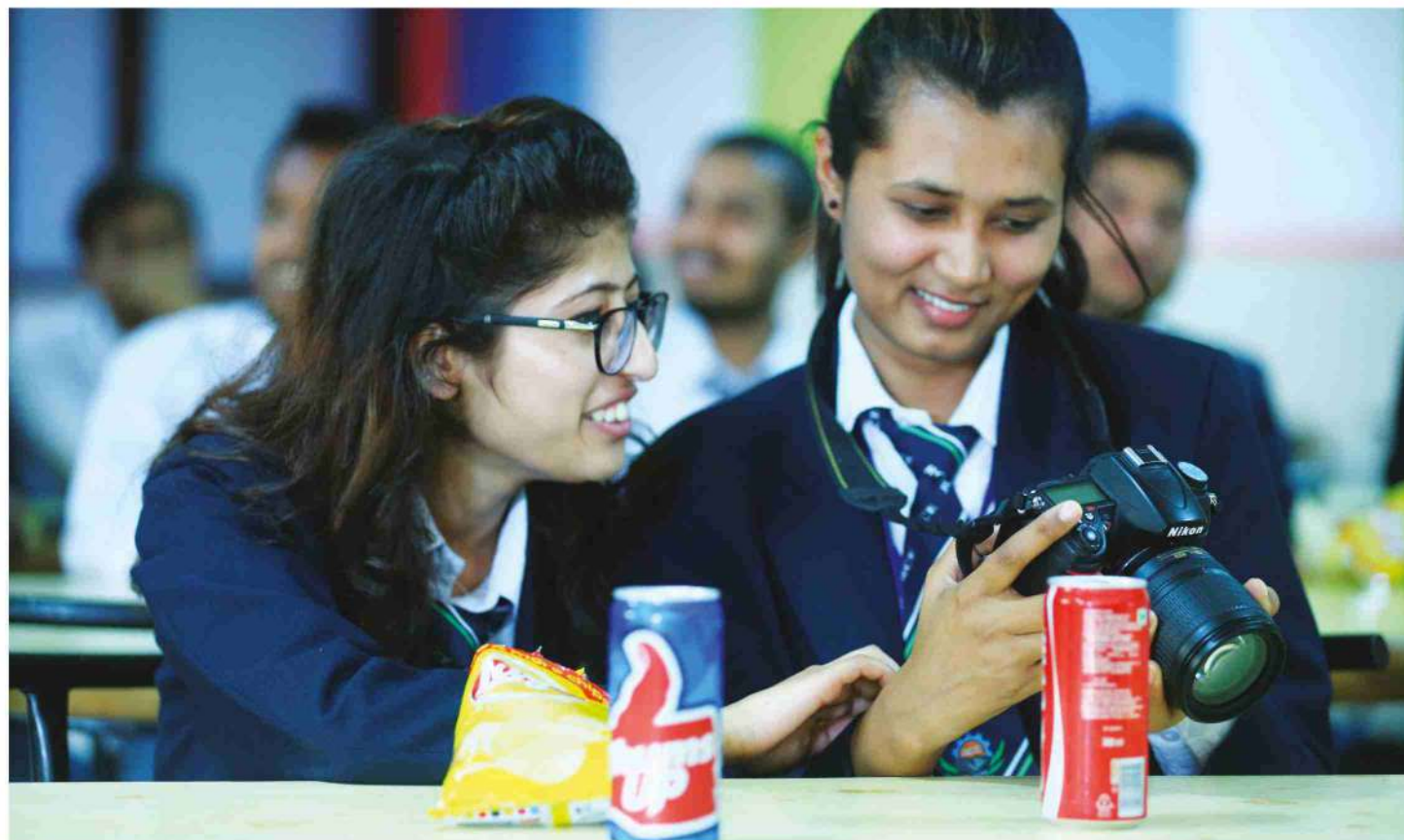


Full Automation

RCE has deployed ERP software. The software includes total student administration including registration, result, attendance, staff management, library and financial management. Implementation of this software provides parents direct online access to their ward's performance.

Language Lab

We have compulsory English Language Finishing Classes to make students well-versed with English communication. Training on phonetics and Pronunciation is an integral part of the Curriculum.



GYMNASIUM

We have well - equipped modern gyms. Services of a trainer are available.

Medical

A small dispensary housed in the campus with all necessary requirements caters to the medical needs and emergency services. First aid medical facility is available round the clock. The renowned doctors from the city are on panel of college doctors who may be contacted at any time when required. RCE has an on- campus infirmary which provides convenient, comprehensive and confidential medical care to students. The guidance of quality and experienced doctor's medical support is available on the campus during the day and nursing staff and ambulance are available 24*7. Regular Medical Check-up of the students are planned.

Transport

The institute provides adequate transport service for all the adjacent localities. The institute is committed to provide its students all the comfort and convenience to help them to achieve their targets. The transport service is just a small effort in this direction. Although public transport exists, yet institute prefers to possess its own fleet of buses to ferry its students and faculty from selected places.

Parking

Spacious and planned parking area for two wheelers and four wheelers provided inside the campus at the entry gate itself, helps maintain decent, noise-free and safe environment.

The college provides well furnished hostel accommodation to its students, separately for boys (Boys Hostel) and girls (Girls Hostel) within the college Campus. The hostels provide reasonable levels of comfort, hygienic food, recreation facilities and conducive environment for pursuit of academics and all round development. All the rooms have been designed to provide an adequate moving space, are airy and well lit.

Each hostel has its separate mess with well equipped kitchens and dining areas for providing hygienic, nutritious and wholesome meals. Hostels have gymnasium as well as indoor and outdoor sports facilities. The hostels also have a TV room for recreation. Hostels are also equipped with electric geysers for hot water. Laundry Service is also available in hostels. Conducive and safe environment in the girls hostel is maintained.



Students

An online portal provides a platform for the students to register suggestions, complaints, requests, queries and feedbacks regarding any academic or administrative aspect of the college activities. Genuine matters are well considered and corrective measures wherever required are taken to resolve the issues in a short span of time.

Parents

The college provides the parents enough avenues to know relevant progress of their ward. For information on aspects like students' attendance, time table, fees, results etc. the parents can use email, send sms, make telephonic queries and check out parents' section on website. In addition to it, college regularly sends the students' monthly report of sessional and attendance at their permanent addresses.

Student / Women Welfare Cell

- The Cell shall process all the individual complaints and take suitable action thereon in the manner and mode as per the college norms.
- The Cell will provide assistance to the Faculty/Colleges/Institute for taking preventive steps in the matter of gender discrimination and sexual harassment.
- The Cell may form / review the guidelines / policy for redressal of the grievance as required from time to time, which may be in accordance with those issued by Supreme Court and Government Agencies.
- The Grievance Committee shall consider all grievances submitted in writing by an individual regarding working conditions, eve teasing and any other alleged injustice done to female employee/girl students while discharging their duties/attending sessions at the Institute.
- The Cell will deal with the cases/complaints of sexual harassment and any other type of harassment of the female students, teaching and non-teaching women staff of the college.

Security Vision

An educational institution's security mandate is to promote a safe and welcoming environment that recognizes and is respectful of the diverse nature of its community. We provide the best possible security, both to tackle real problems of danger and to reassure staff, pupils, students and parents that security measures are in place to mitigate the risks.

CCTV Surveillance

A video surveillance system is carefully planned out in order to keep watch over the diverse assortment of facilities that comprise a typical campus community. A system of properly installed campus security cameras helps us in ensuring the safety of students, faculty, and facilities on campus.



Each year, RCE demonstrates its leadership in innovation and creativity by sponsoring the **TECHSANGRAM** :

Innovation and Creativity Festival, a campus-wide event that showcases the innovative and creative spirit of our students, faculty, and staff.

Innovation and Entrepreneurship Center

RCE is at the Centre of one of the most vibrant hubs of innovation and entrepreneurship. To make our community the world's most stimulating and supportive academic environment for innovation, we offer classes, mentorship and guidance tailored for students. We also cultivate the strength of our regional innovation ecosystem, in part through an ambitious, decade-long redevelopment initiative.

Incubation Lab

The Incubation lab is a new initiative fostering team-based and entrepreneurial activities among students, faculty, entrepreneurs, and members of the Indian industrial and education community. The I-lab encourages entrepreneurship and innovation across the University, bringing together many cross-curricular interests, including students from Different universities and industries. Incubation Set up provides customized support based on each technical and educational need or even unique needs. Ideally, incubations have a business model that's based on demonstrated customer need and a technology in the early prototype stage; or would have graduated from either the university lab programs.

Incubation Services

Support with identifying and mapping business goals and milestones, which may include:

- Developing or Refining a Project Model
- Technology Road Mapping
- Project Projections
- Developing a Funding Strategy
- Assessing Management Team and Talent Needs
- Creating Go-to-Market Strategies
- Access to Various Industrial Programs
- Empowering Standardization
- Innovation Space Lab



Adjudged by Prof. O.P. Dubey, Dept. of Civil Engineering, IIT Roorkee



Adjudged by Prof. R. K. Garg, Dept. of Civil Engineering, IIT Roorkee



Mr. Ali Azhar, RCE Student (Mr. Intellectual Uttarakhand)

SRIJAN CLUB

Srijan club is the students' club. The purpose of this club is to develop the creativity and sharing ideas among the students as they explore it through different experiences. At Creative Club we want to help make learning fun, team spirit, interactive and hands-on, so everyone gets a chance to grow. We believe that persons learn best when they can develop their skills through

interactive and play-based creative activities. We focus on developing and providing educational programs where students engage individually and in teams to work on their designs manually or by using computers. The major activities / events organised by Srijan club are face painting, rangoli, kite making, poster making, recycling the waste, clay art painting and palm art etc.



AAROGYAM CLUB

Aarogyam is the student's health club. The purpose of this club is to enhance the awareness of the new generation towards their health. We believe in that "Health is wealth and knowledge is power". This club houses exercise equipment for the purpose of physical exercise. Aarogyam is a club for health and fitness related activities and programs of students. The club organises and celebrates their major events like blood donation camp, eye check-up camp, World Yoga Day, Art of Living activity, Aerobics, Stress management sessions, Sahaja yog etc.



SOCH CLUB

“SOCH- SOCIETY OF CHANGING HUMAN” is the college students created club in which we always maintain the expectation of all those students who are coming here after leaving their homes for higher education from different culture of India and abroad. The college takes several measures to develop the overall personalities of the students through co-curricular activities. We celebrate all social and religious festivals of all religions of India

with full excitement and joy. The purpose of this club is to celebrate all festivals together to learn other cultures and traditions and learn to respect to other religions. It enables the students to understand and appreciate our rich cultural heritage. The student's club “Soch” is responsible for organizing all kind of cultural activities during cultural events.



SAHAYOG CLUB

Sahayog club of the students works directly for rural development in Roorkee city and nearby areas on a variety of issues including: women's health and rights; women's participation in local governing bodies, child education, cleanliness, advanced learning, computer awareness, women's empowerment, youth mobilization, adult education and agriculture development in villages. Sahayog club is responsible to promote the interests of students for participating in all social activities like social awareness, building nation, patriotism etc.



KRIDA CLUB

Krida Club organises the all athletic, indoor and outdoor games and sports every year in the campus. Games and sports play a significant role in everyone's life from a very young age. It is not only an alternative for passing time but also helps in staying physically and mentally fit and develops team spirit. The significant impact and significance of sports and games can be noticed on everyone's life.



TECHSANGRAM



Techsangram is the college's technical event. Every year it organizes all technical events related to all respective departments like Robo war, Code war, Coding Geeks new innovations exposure in the campus. In this event the students present their innovative ideas and skills in their specialized field. This event provides a common platform to all students to develop and share their new innovative ideas through their projects and presentations. .





UTKARSH
Annual Cultural
Festival

13TH APRIL, UTKARSH 2019



UTKARSH
ANNUAL CULTURAL FESTIVAL



The Career Advancement and Networking Centre at RCE provides an interface between students and industry by providing assistance to students for industry internships and final placements. The Centre networks with industry professionals from across multiple industry sectors. The Career Advancement and Networking Centre is dedicated to advising students on career options and provides them with the latest information on industry internships and final placement opportunities. Apart from these facilitation services, the Centre arranges training and industry interaction sessions and maintains a strong alumni network.

The main functions of the cell are :

1. To organize interactive seminars on the emerging technologies
2. To run personality development programs
3. To organise Industrial Visits
4. To assist the students in developing their academics and career interests through individual counseling
5. To work with faculty members/HODs to integrate academic curriculum with project work, summer training and internship programs.
6. To impart training to the students for their overall development and selection during the campus recruitment
7. To help in developing entrepreneurship skills



Future Employability

Our careers and employability service, academic colleagues and employers work together to ensure that you leave RCE fully prepared for the world of work. We are consistently at par with the best performing modern institutions around the globe, where students acquire skills that make them consistently strong among the most employable graduates. RCE is distinctly ahead with maximum percentage of students placed, Year after Year. Ninety percent of passing out students opted for various positions in industries such as IT, Engineering, Manufacturing, Quality Control, production and software's etc.

At RCE we are focused on your future. Whether it's CV development, internship with the industries, work experience support, advice on career options, interview and assessment preparation or starting your own business, The Careers and Employability Service is here to help. We provide a range of online resources, dedicated career development advisors and opportunities to through curricular and extracurricular activities. As college is committed to excellence in technical education, we do our best to ensure equal opportunity in all aspects of our employability activities and make sure that you have the chance to develop yourself to your full potential.



Expert Lectures

Expert lecturers are organized regularly for the students academic enhancement by eminent personality from the National reputed institutions and organisation of India.

Industry Experts' Talks

To enhance the knowledge and exposure of students, industry experts' lectures are conducted regularly across various branches. Well known experts from industry and academia share their experience with students which helps them enhance their knowledge and make them aware about with the latest trend in the corporate world.

Live Industry Projects

We provide numerous opportunities for our students to gain out of classroom experience. Along with academic learning they also get a chance to work on live industry projects of varied domains.

Industrial Visits

Students are exposed to real life working of industries. It aims to provide the practical know-how of an industry. Students get an opportunity to visit industry manufacturing units and will understand the application of the knowledge that they are going to learn, away from the class room tutoring. On an average, 5 industrial visits are arranged for every branch in a semester.

Employability Assessment Test

RCE conducts a series of employability assessment tests to track the progress of students. Each student receives a detailed personalized report with clear feedback on their strong and weak areas and identification of areas where more training is required.

Seminars & Conferences

To keep student and faculty members updated with current trends, seminars and conferences are frequently organized, with renowned guests on the panel. Our aim is to develop strong and effective partnerships, which provide students and researchers opportunities for the active involvement in multi-disciplinary projects at global level.

Entrepreneurship Cell

Entrepreneurship Cell is a student body of RCE, formed with the purpose of inspiring and guiding start-ups and to foster an entrepreneurial culture in the campus.

Placement Achievements

RCE has a unique system of Mentor Mentee concept, in which each student is allotted a mentor from the academia. The mentor polish the students on both academic and industry front and prepare them to suit the industry requirements.

Roorkee College of Engineering organizes various Student Development Programs, Seminars, Projects, Training-Workshops, Aptitude & Soft Skills Training Programs, Mock Placement Drives, Industrial Visits etc. By organizing and participating in these placement activities, students get a chance to interact with the industry captains.

As a mandatory part of academic curriculum, students are required to undergo 80 hours aptitude and soft skills training to enhance their mental ability, aptitude, skills and capable to compete for campus placement. This program sharpens their ability to diagnose, analyze and resolve the technical problems of the industry.





GEOTRAN Industries Pvt. Ltd. Roorkee



Central Building Research Institution, Roorkee



GOVT. Irrigation Workshop, Roorkee



Flyover Live Construction Site



Oil and Natural Gas Corporation, Dehradun



GODREJ INDUSTRIES Pvt. Ltd. Roorkee



Uttaranchal Pulp & Paper Mill, Manglore, Roorkee



WIPRO, Sidcul, Haridwar



Uttarakhand Power Corporation, Roorkee



Patanjali Food & Herbal Park, Laksar



BHEL, Haridwar



Patanjali Yogpeeth, Haridwar



Krishi Vigyan Kendra, Haridwar



Axa Parenterals Pvt. Ltd. Roorkee



Tarang Kinetics Pvt. Ltd. Roorkee



Windlass Engineers & Services, Dehradun Roorkee

EXPERT LECTURES



Dr. L. N. Thukral, NIH, Roorkee

Dr. S. R. Pandey, Ghaziabad



Dr. R. Karthkeyan, Scientific Officer, BARC, MUMBAI

Dr. A.M. Varaprasad, DRDO Scientist, Director, CIGS



Dr. Suyash Bhardwaj, Greater Noida

Mr. BJAY MANDAL, J N Tech Noida



Lt. CDR Debjyoti Banerjee, Indian Navy

Mr. Rajesh Sharma AGM, Head HRDC, BHEL

EXPERT LECTURES



Prof. Rajesh Chandra, IIT Roorkee

Prof. Narendra S. Chaudhari, VC, UTU, Dehradun



CA Harendra Garg, CEO, Cello Haridwar

Prof. H.C. Handa, IIT Roorkee



Prof. Jai Singh AG, Scientist ICAR, New Delhi

Prof. A.K. Mathur, IIT Roorkee



Prof. Navneet Arora, IIT Roorkee

Dr. P.C. Tiwari, NIT, Kurushetra



30 Days Training at Hotel Sarovar Portico, Haridwar

2 DAYS WORKSHOP on Model Rocket Design



One Day Training At Subir Saha Oil Museum

One Day Workshop at ONGC Dehradun



30 Days Training at Krishivan, Dehradun

15 Days Training at Krishivan, Dehradun



Prof. Navneet Arora, IIT Roorkee



Corporate Resource Centre

The Corporate Resource Centre is an exceptional initiative of RCE to provide a comprehensive array of services and support for its students that will assist them lifelong in their career: The department acts as a central hub for the overall development of the students for their final placement and is a store-house of all information and resources.

Alumni

We can boast of excellent link with our Alumni is maintained for which we have an alumni association. The nature of this partnership enhances the way in which you will network with the alumni and engage in activities at the institution. Beyond their Individual success, alumni play an important part of the RCE community

Mock Placement Drives

It's a tradition here that the RCE organizes Mock Placement Drives, where we carry out pre-placement talks which are organized by the various companies before the students. The students learn the opportunities for growth, advancement and learning through that company's offer.

Entrepreneurship Development

A revolutionary Entrepreneurship Development Cell (EDC) works on innovations in diverse field, to upraise students about the latest state of art.

Excellent Placement Record

Outstanding year on year placement record with packages offered at an average package of 6 LPA.

Industrials Links

We are linked with business-houses and industries to make the students understand industry's work-ethics and prepare a vision of working in healthy environment. Many MOU'S are signed with industrial associations and organizations like

- Bhagwanpur Industrial Association (BIA)
- Confederation of Indian Industries (CII)
- State Industrial development Corporation of Uttarakhand (SIDCUL)



and many more.....



At RCE, the colours of the spectrum get translated to vibrancies, intuition, betterment, growth, youth, optimism & readiness for making RCE'ians a better professional of tomorrow.

Avantika Bisht



RCE is a genesis of technical exuberance. It is a right place for quality technical education, where students' dream come true under the guidance of experts.

Samridhi Bhandari



"The professional at RCE learns with a purpose to excel. Our computer professionals go beyond data & logic to surpass the challenge of times in the digital world and horizon of virtual reality."

Anisha Verma



At RCE dedicated and professional mentoring is an essential ingredient of the academic process. who has become a part of the national technological and managerial structure for shaping the nation of tomorrow.

Somya Singh



RCE is the forge where the roughness of toddlers is chiseled and given the shape of really well-sized Technocrats who dazzle the surrounding with their sheen.

Anupama Ray



From dawn to dusk and burning midnight lamps, we at RCE pave the way of Excellence as the young professionals of tomorrow.

Renu Manral



RCE is awesome institutes which provides decent backdrop to our career and help us forge our personality giving it the shape of a true professional.

Sakshi Agarwal



It is important for students to aim high. At RCE, infrastructure and the experienced faculty are an exact blend of potential to provide best opportunities to students for realizing their academic dreams for successful challenging careers.

Ashish Kumar



At RCE, a Centre of Excellence in Engineering Education, we get prepare to the hilt and ensure that we do more than just passing the examinations. We ensure that technical skills are imbibed in us through theoretical and practical classes.

Amrit Silwal



RCE is the ultimate destination of Technical education, where learning is a process of complete Transformation of individual grooming into a multidimensional personality, a fully grown-up engineer, highly cultural and Technically expert.

Shubham Attray



In the system of RCE, the seedlings are nurtured into full-fledged blooms which spread their aroma all-around as expert technocrats. We're proud to be an RCE'ians.

Md. Mosharof Hossan



"RCE is a professional Institute which plants the saplings of commitment and professional leadership in the young minds helping team reaps the harvest in the days to come."

Sharad Chaudhary



Embracing the challenges of times, RCE provides a dedicated team of faculty nurturing the professional quest of budding professionals of tomorrow.

Bikash Mahato



ज्ञानं परमं बलम् in true spirit is practiced at RCE wherein every RCE'ian's dreams of a bright future with an unending quest for excellence is fulfilled.

Gurvinder Singh

ROORKEE COLLEGE OF ENGINEERING

M.Tech.

- Computer Science
- Computer Science & Engineering
- Electronics and Communication Engineering

Eligibility Criteria : Bachelor's Degree or equivalent in the relevant field with at least 55% marks for Engineering Graduate / under Graduate or M. Sc. or equivalent.

B.Tech.

- Civil Engineering
- Civil Engineering (Hon.)*
- Smart Cities
 - Environmental Geo-Technology
 - Earthquake Engineering
- Computer Science & Engineering
- Computer Science & Engineering (Hon.)*
 - Artificial Intelligence and Machine Learning
 - Android Development
 - Internet of Things (IoT)
 - Cyber Security
 - Data Science
- Electronics and Communication Engineering
- Electronics and Communication Engineering (Hon.)*
 - Artificial Intelligence and Machine Learning
 - Internet of Things (IoT)
 - Robotics
- Electrical and Electronics Engineering
- Mechanical Engineering
- Mechanical Engineering (Hon.)*
 - 3D Printing
 - Electric Vehicles
 - Robotics

Eligibility Criteria : 10+2 with minimum aggregate marks of 45% Marks (40% in reserved category) in Physics, Mathematics and Chemistry / Computer Science / Information Science passed through CBSE / ICSE / Uttarakhand Board or any other Recognized board.

Diploma

- Civil Engineering
- Electrical and Electronics Engineering
- Mechanical Engineering

Eligibility Criteria : Passed 12th std. /HSC Examination passed through CBSE / ICSE / Uttarakhand Board or any other Recognized board.

ROORKEE COLLEGE

B.Sc.

- Agriculture
- Forestry
- Animation & Multimedia

BHM - Bachelor of Hotel Management

BBA - Bachelor of Business Administration

BCA - Bachelor of Computer Application

BHA - Bachelor of Hospital Administration

BTM - Bachelor in Tourism Management

B.Com. (Hon.) - Bachelor of Commerce

Eligibility Criteria : 12th std. / HSC Examination passed through CBSE / ICSE / Uttarakhand Board or any other Recognized board.

COLLEGE OF PHARMACY

B. Pharma

Eligibility Criteria : 12th std. / HSC Examination with Physics and Chemistry as compulsory subjects along with Mathematics / Biology subject passed through CBSE / ICSE / Uttarakhand Board or any other Recognized board.

D. Pharma

Eligibility Criteria : 12th std. / HSC Examination with Physics and Chemistry as compulsory subjects along with Mathematics/ Biology subject passed through CBSE / ICSE / Uttarakhand Board or any other Recognized board.

APPROVALS & AFFILIATIONS

- Approved by All India Council for Technical Education (AICTE), Ministry of HRD (Government of India)
- Pharmacy Council of India (PCI), Ministry of Health & Welfare (Government of India)
- Affiliated to Uttarakhand Technical University, Dehradun (State University)
- Affiliated to Sri Dev Suman University, Tehri, Uttarakhand (State University)