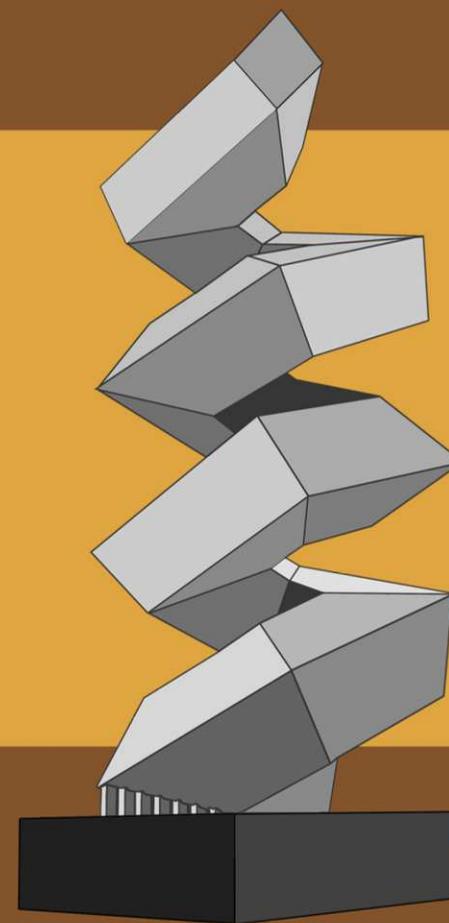




INDIAN INSTITUTE OF TECHNOLOGY ROPAR

Placement & Internship Brochure
2020-21



placement@iitrpr.ac.in

Motto

धर्यो यो नः प्रचोदयात्

(Deploy our Intellect on the Right Path)

Mission

To foster a transformative learning environment and a culture of excellence enabling creation of knowledge and development of socially responsible, enterprising leaders contributing significantly to national progress and humanity.

Vision

To be a trendsetter among the technology universities born in this millennium.



Contents

About IIT Ropar ..	1
From the Director's Desk ..	2
About CDCRC ..	3
Message from Head, T&P Cell ..	4
Departments ..	5
Ongoing MoU's ..	18
Academic Programs ..	19
Internship Program Timelines ..	21
Research ..	23
Placement Statistics..	24
Placement Procedure ..	25
Previous Recruiters ..	26
Non-STEM ..	27
Entrepreneurship ..	28
Culture ..	29
CDCRC Team ..	31



Indian Institute of Technology, Ropar is one of the eight new IITs set up by the Ministry of Human Resource Development (MHRD), Government of India, to expand the reach and enhance the quality of technical education in the country. This institute is committed to providing state-of-the-art technical education in a variety of fields and also for facilitating transmission of knowledge in keeping with latest developments in pedagogy. These two areas of focus will enable students to gain exposure to recent trends in their chosen domains of study and gain practical experience through a wide variety of activities the institute facilitates in its own campus and arranges for in collaboration with industry and other institutes. At present, the institute offers Bachelor of Technology (B. Tech.) programme in the following disciplines: Chemical Engineering, Civil Engineering, Computer Science and Engineering, Electrical Engineering, and Mechanical Engineering. This programme is spread over a period of eight semesters. Institute also offers M.Tech programme in the following disciplines: CBME, Computer Science and Engineering, Electrical Engineering, and Mechanical Engineering. Institute also offers M.Sc programme in the following disciplines : Physics, Chemistry and Maths. Institute also offers M.S programme in the following disciplines, Computer Science and Engineering and Electrical Engineering. In addition, the institute now offers doctoral programme in following disciplines, Chemical Engineering, Civil Engineering, Computer Science , Electrical Engineering, Mechanical Engineering and Metallurgical and Materials Engineering, Chemistry, Physics, Mathematics, Humanities and Social Sciences and Biomedical Engineering



The Indian Institute of Technology Ropar is one of the eight new IITs set up by the Government of India in the year 2008 with a view to expand the access to the high quality technical education for young bright minds of India. Our first batch of students graduated with a B.Tech degree in July 2012 and in the last eleven years, IIT Ropar has established the required infrastructure; including our permanent campus spread over 500 acres on the bank of river Sutlej. Our highly qualified faculty members with vast international exposure and state-of-the-art laboratories for the hands-on experience, ensures that our students receive the best technical education. At IIT Ropar, students are exposed to the most modern and up-to-date curriculum in accordance with the Washington Accord, contemporary developments in various disciplines of engineering/science and internship experience in both national & international companies/institutes of repute. In addition, we have well established Career Development & Corporate Relations Centre (CDCRC) to take care of the professional development of the students by providing them in-house training in business communications, soft-skills, guiding them towards best national & international internships and jobs that are available and act as a communication channel between Industry & IIT Ropar to have a result oriented Industry-Academia collaboration. Undoubtedly, the hard work done in the recent past has started reaping awards. For 2020, under National Institute Ranking Framework by Ministry of Human Resource Development, IIT Ropar stood 25th in the engineering category and 25th in QS World University, India Ranking. With this background, I whole-heartedly invite your organization to IIT Ropar Campus for the recruitment of our B.Tech, M.Tech, MS (Research), M.Sc. and Ph.D. graduates. I am sure you will be able to recognize the availability of choice of bright & talented students with requisite skills that can solve your challenging engineering problems and add value to your organization.

Message from Head, T&P Cell



It gives me great pleasure to invite you to visit Indian Institute of Technology Ropar campus for the 2020-21 placement and internship sessions. The IIT brand name is world-renowned and needs no introduction. In accordance with the high expectations from IITians, our students and graduates have earned numerous accolades from the organizations that they have worked with as interns or as employees, and I am certain that your recruitment team will have a very productive and satisfying visit to our institute. The curriculum at IIT Ropar is designed to not only provide students with extremely strong technical knowledge but to also hone their personal development so that they become well rounded individuals who are an asset to any organization that they are a part of. Our students receive opportunities to learn not just through well designed classroom and laboratory activities but also through active participation in research and industrial collaboration projects, student societies and competitions, social service activities, and through exposure to entrepreneurship from an early stage. Apart from our exceptional students, our other great strength lies in our faculty, who have performed years of cutting edge research in highly reputed organizations around the world. With active mentoring from faculty members, our students are exposed to the latest technological developments in their field, enabling them to achieve their full potential. Once again, I cordially invite you to our campus for placements and I look forward to continuing a fruitful relationship between your organization and IIT Ropar.

Dr. Dhiraj K Mahajan
Head, T&P Cell
IIT Ropar

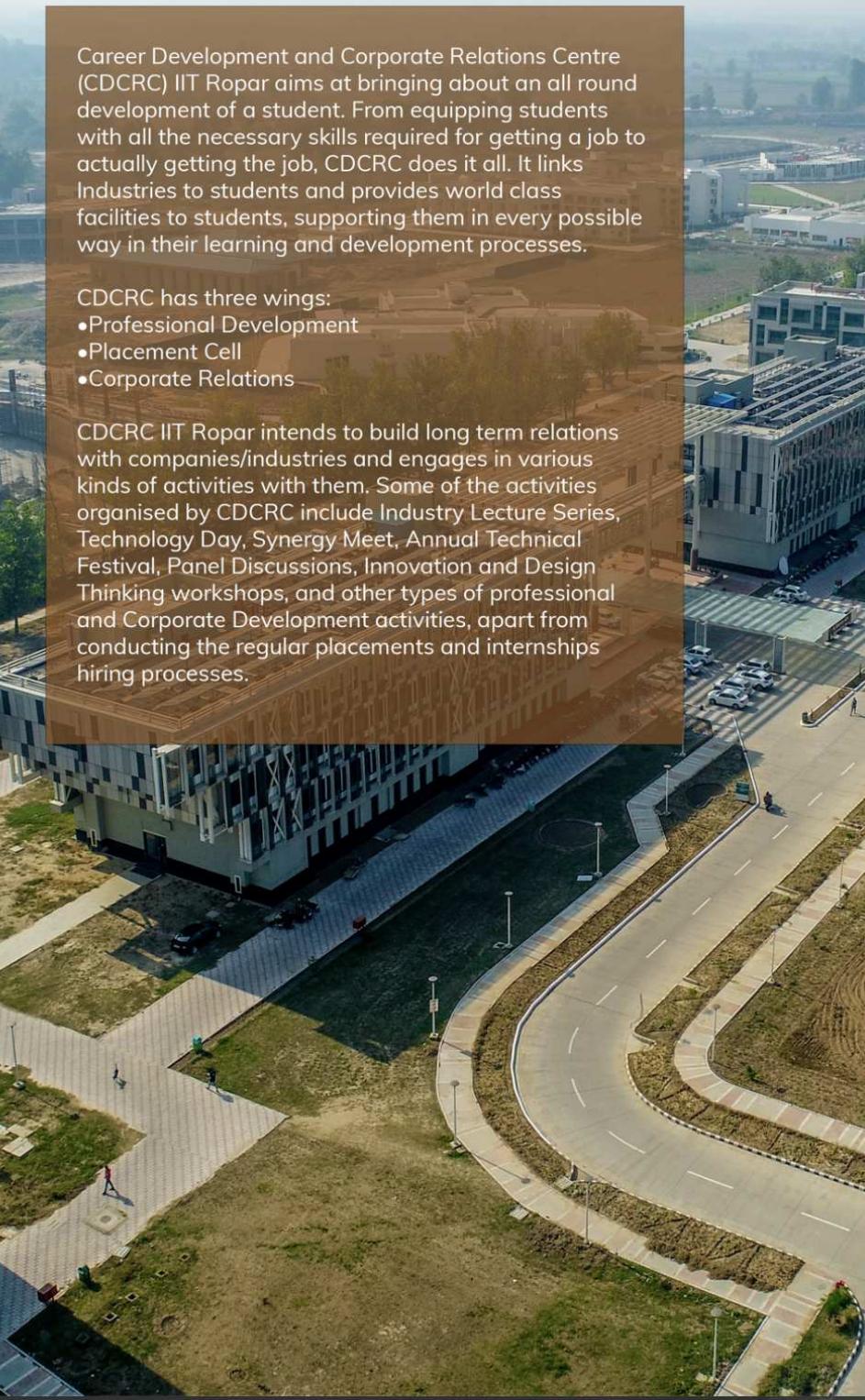
About CDCRC

Career Development and Corporate Relations Centre (CDCRC) IIT Ropar aims at bringing about an all round development of a student. From equipping students with all the necessary skills required for getting a job to actually getting the job, CDCRC does it all. It links Industries to students and provides world class facilities to students, supporting them in every possible way in their learning and development processes.

CDCRC has three wings:

- Professional Development
- Placement Cell
- Corporate Relations

CDCRC IIT Ropar intends to build long term relations with companies/industries and engages in various kinds of activities with them. Some of the activities organised by CDCRC include Industry Lecture Series, Technology Day, Synergy Meet, Annual Technical Festival, Panel Discussions, Innovation and Design Thinking workshops, and other types of professional and Corporate Development activities, apart from conducting the regular placements and internships hiring processes.



Chemical Engineering

Civil Engineering

Computer Science

Electrical Engineering

Mechanical Engineering

Metallurgical and Materials Engineering

Physics

Mathematics

Chemistry

Humanities

Center for Biomedical Engineering (CBME)



Chemical Engineering

The Department of Chemical Engineering was established at IIT Ropar, with the introduction of B.Tech. and Ph.D. programs commencing in 2017, and the M.Tech. program in 2019. The students and research scholars are trained for industry as well as research, through a rigorous teaching philosophy. The students have undergone their internships in core chemical industries, management consulting, computational sciences, and had research experiences at renowned foreign and national research groups. The diversity of Chemical Engineering curriculum and training by globally recognized faculty, has also provided a solid foundation in preparing them for cross-functional roles in finance and economics, analytics, product management and coding roles.



Demographics

B.Tech(Placement) 17

M.Tech(Placement) 11

B.Tech(Internship) 23



Domains

Catalysis and Reaction Engineering
Energy and Environment
Multiscale Modeling
Soft Matter Engineering
Transport Phenomena & Thermodynamics

Facilities

Chemical Reaction Engineering Lab
Process Design and Engineering Simulation Lab
Heat and Mass Transfer Lab
Catalysis and Sustainable Energy Research Lab
Soft Matter Engineering
Multiscale Modeling Lab

Achievements

In addition to peer-reviewed high impact research publications, faculty members are involved with consultancy projects with World Bank, Government of India, Government of Punjab and industry.

Civil Engineering

Demographics

B.Tech(Placement) 34

M.Tech(Placement) 10

B.Tech(Internship) 34

The Civil Engineering department came into existence in 2016 with a modest number of 25 BTech students and one PhD student. The department has evolved significantly since then on all fronts. Recently two faculty members were selected from USA and France by the visiting overseas delegation of IIT Ropar.

The department got its first research project funded by prestigious and highly competitive Newton-Bhabha grant with a budget of more than 1 crore. The M.Tech program has also been set up to offer specializations aligned with modern research and consultancy practices in the Water Resources and the Environment sector in India.

Domains

Structural Engineering
Geotechnical Engineering
Water Resources Engineering
Environmental Engineering

Facilities

Soil Water Plant Lab
Geomatic Lab

Achievements

Research project funded by the prestigious and highly competitive Newton-Bhabha grant with a budget of more than 1 crore.



Computer Science

Demographics

B.Tech(Placement) 61

B.Tech(Internship) 65

M.Tech CSE(Placement) 18

M.Tech AI(Placement) 11

The Department of Computer Science has close to 20 full-time faculty members. Faculty expertise encompasses areas of traditional computer science including robotics, networking, multimedia processing, cloud computing and machine learning.

The department offers a variety of Masters and Doctoral programs including the recently initiated M.Tech in AI program.

Students have also been running active communities like the Coding Club, Software Community and AI Community.

Domains

Artificial Intelligence, Hardware, Theory, OS, Cloud Computing, Computer Vision, Social Computing, Security & Cryptography

Facilities

High Performance Computing Facility
Image Processing, Security, Multimedia, Analytics, Statistical Artificial Intelligence and Machine Learning Labs

Achievements

Our faculty have been awarded research grants from DST-SERB, NPTEL and DST(CSRI).

They have also been awarded and recognised at various conferences globally.



Electrical Engineering

The Department of EE at IIT Ropar is one of the pioneering departments which offers a strong environment for undergraduate, postgraduate education and research in the area of electrical engineering and related fields. The undergraduate programme provides students with a strong background in the four broad areas of Electrical Engineering, namely Communication Technology, Control Technology, Electronics, and Power & Energy. Strong exposure to state-of-the-art technologies is further provided through elective courses that are carefully designed for interested students. The department also has several exclusive and unique facilities such as the CVPR lab which has been one of the most active research labs of the institute in recent years.

Demographics

B.Tech(Placement)	60
B.Tech(Internship)	68
M.Tech Power(Placement)	11
M.Tech Electronics & VLSI(Placement)	11
M.Tech Comm. & Signal Proc.(Placement)	16

Power Engineering

Research Facilities

A test bed to test the functionalities (both Power systems and Power electronics aspects) of the renewable integrated Micro grid, a sophisticated test bed to test the various drives for electrical vehicle applications, a grid connected solar inverter developed in the lab from scratch to deliver power upto 20kW, a dual active bridge setup to mimic high frequency transformer, High voltage, well equipped high voltage lab includes 10kV Nanosecond HV Pulse Generator, Space Charge & Leakage Current Setup, Polymer and Nanocomposite Preparation, Hydraulic Press, Extruder, Dielectric Spectroscopy, Thermal Imaging Camera.

Communication and Signal Processing

Research Facilities

AMR Lab, Communication Engineering Lab, Computer Vision and Pattern Recognition Lab, Facilities: Anechoic Chamber, Scara Robot, Chip Bonding Machine, MITS, BenchTop VNA (10MHz to 43.5 GHz), Handheld VNA (10kHz to 44 GHz)

Electronics & VLSI

Research Facilities

Design Simulation Lab (Uses software Sentaurus Device CAD), Circuit Simulation Lab (Use Spice for simulation), Low Power Design Lab (Uses Xilinx Vivado suite and Xilinx Vertex-5 FPGA boards and ZED boards). Hardware instruments : Cascade DC probe station.

Achievements

Research papers in highly reputed journals and conferences. Our faculty were also awarded research grants from various national agencies which include DST, SERB and various industries including BEL, BHEL etc.

Mechanical Engineering

Demographics
B.Tech(Placement) 68
B.Tech(Internship) 77
B.Tech+M.Tech(Placement) 9
B.Tech+M.Tech(Internship) 10
M.Tech Thermal(Placement) 13
M.Tech Manufacturing(Placement) 13
M.Tech Mechanics and Design(Placement) 11

Domains
Thermal
Design
Manufacturing



Facilities

- Numerical Methods & Simulation Lab
- Material Structures and Equipment Lab
- Mechanics of Materials Lab
- Surface Engineering Lab
- Thermofluidics Research Lab
- Cold Spray Facility
- Micro Machining and Monitoring Lab
- 3D Printing Facility
- Engine Testing Facility
- Robotics Lab
- Fatigue Testing
- Design Reserach Lab
- Mechanics of Advanced Materials Lab
- Robotics Lab

Metallurgical and Materials Engineering

The Department of Metallurgical and Materials Engineering at IIT Ropar started in November 2017 by upgrading the Center for Materials and Energy Engineering. The newly established department started offering a four-year B.Tech. program and a Ph.D. program from the academic year 2018-19.

The faculty team at the department is highly qualified with a vast and diverse experience in the field of Metallurgical and Materials Science.

Demographics

B.Tech(Internship) 12

Domains

Physical Metallurgy
Mechanical Metallurgy
Process Metallurgy
Functional Materials
Device Design and Nanotechnology



Facilities

- Metallography Lab
- Heat Treatment Lab
- Energy and Environmentals Lab
- Nanostructured and Optical Materials Lab
- IDEAs Lab (Interface Dynamics and Energetics of Alloys)
- Steel Research Lab

Physics

Mathematics

Demographics

M.Sc(Placement) 31

The Department of Physics at IIT Ropar aims to deliver high-level teaching methodologies and top-notch research in advanced areas of experimental & theoretical physics.

Presently, the department supports the undergraduate program of the institute and offers a unique integrated MSc - MS (Research) - Ph.D. programme in physics.

Our curiosity-driven research programs train young scientists to acquire knowledge and mold them as global leaders in science & technology. Doctoral candidates and postdoctoral fellows are mentored in diverse areas of physical sciences and state-of-the-art instrumentation.

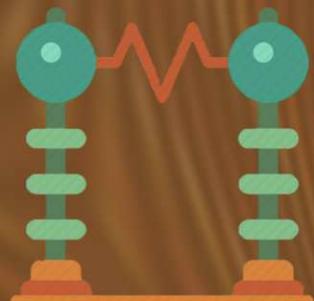
The Department of Physics is supported by FIST-DST to establish frontline research & teaching facilities.

Research

Condensed Matter Physics
Material Science
Nuclear Physics
Light Matter Interactions
Gravity and Strings
Quantum Information

Facilities

Material Deposition Lab
Graphene Synthesis Lab
Nanoscience Lab
Nano-optics Lab
Common Material Synthesis Lab
NuStar Research Lab



Achievements

Several MSc passouts are accepted from PhD in top institutes in India and abroad.
PhD passouts are working at different labs, and institutes in USA, Canada, Europe, China, Taiwan, Russia and Turkey.

Demographics

M.Sc(Placement) 22

The department of Mathematics supports the undergraduate program with a wide variety of courses. It offers dedicated post graduate programs i.e M.Sc and PhD.

The primary emphasis is on interactive and participative methods of learning. Research talks from academia and industry are also organised to expose students to the current research environments and practices.

Domains

Applied Mathematics
Pure Mathematics
Theoretical Computer Science

Facilities

Computational Fluid Dynamics Lab
M.Sc and PhD Labs
GPU Computing facility

Achievements

Passed out PhD students are working as Post Docs in reputed foreign universities like University of California, Berkley (USA), Universite Libre De Bruxelles (Belgium) and NORDITA University of Stockholm (Sweden).

Chemistry

Demographics

M.Sc(Placement) 26

The department is actively engaged in cutting-edge research in emerging areas like Biomaterials, Biosensors, Catalysis, Drug Delivery, Materials, Organometallic Chemistry, Renewable Energy, Supramolecular Syntheses, Synthetic Organic Chemistry, and Theoretical Chemistry. The research activities of the department are supported by a large number of sponsored research projects and state-of-the-art research facilities that exist at the department and institute levels. The department is served by nine faculty, an INSPIRE fellow, and more than thirty PhD students and project fellows. The department is visited by a large number of experts and short-term students from India and abroad.

Domains

Organic Chemistry, Drug delivery
Inorganic and Material Chemistry
Polymer, Sensor
Physical and Theoretical



Humanities

The Department of Humanities is multidisciplinary in nature and hosts several subject disciplines such as Economics, Literature, Linguistics, Management, Philosophy, Psychology, Sociology and Cognitive Science. It provides engineering students with proper training to improve English communication skills, the power to express via Linguistics and English, the ability to appreciate Management, the importance of Psychology and Cognitive Science, and finally, to deliberate Philosophically. Across disciplines, the department offers a wide variety of core and elective courses for undergraduate students in addition to Ph.D. courses for our graduate students. Notably, our alumni have been placed as faculty members at prestigious educational institutes such as the Central Institute of Indian Languages, IIM-R and DTU.

Research

Decision Making, Philosophy of Mind and Cognition, American Literature, Literary and Critical Theory, Visual Culture, Literary Historiography Studies, Postmodern Literature, Continental Aesthetics, Fantasy/Horror Literature, Genre Film, Gender studies, Postcolonial studies, Road Narratives, Psycho/Neurolinguistics, Language and Cognition, Phonetics, Optimality Theory, Speech Processing, Natural Language Processing, Metaphysics of the Self, Ethics and Value Theory

Facilities

Language & Cognition Lab
Access to literature & publications from around the world

Center for Biomedical Engineering

Demographics

M.Tech(Placement) 11

The main goal of the CBME is to meet the challenges of affordable healthcare facing the nation by encouraging research and entrepreneurship in interdisciplinary areas, medical sciences and natural sciences. Due to the diverse research backgrounds of our faculty, there is a strong thrust on interdisciplinary research at the center. Going forward, the center seeks collaboration with national and international universities/institutes and partnership with industries to realize its goals. As far as academic programs are concerned, the center is offering B.Tech (minor), M.Tech, and PhD in Biomedical Engineering.

Domains

- Medical Devices
- Medical Imaging and Bio-Photonics
- Cancer Biology
- Immunology

Facilities

- Medical devices and Instrumentation
- Bone Implants
- Biomechanical instrumentation
- Non-coding RNAs-based diagnostics
- Bioheat Transfer
- Cancer Diagnosis and Therapy
- Cancer drug delivery
- Immunology of Infectious Diseases

Achievements

- Research papers in highly reputed journals and conferences
- Students have obtained PMRF and Khorana scholarships

SFU

SIMON FRASER
UNIVERSITY



UNIVERSITY
OF ONTARIO
INSTITUTE OF TECHNOLOGY

BINGHAMTON
UNIVERSITY

STATE UNIVERSITY OF NEW YORK

SWINBURNE
NE

SWINBURNE
UNIVERSITY OF
TECHNOLOGY



TECHNISCHE
UNIVERSITÄT
DARMSTADT



UNSW
SYDNEY



SUNY POLYTECHNIC
INSTITUTE

MIT



University of
BRISTOL



MACQUARIE
University
SYDNEY - AUSTRALIA



UNIVERSITY OF
CALGARY
UNIVERSITÉ
Concordia
UNIVERSITY

IIT Ropar offers a variety of academic programmes for students with a wide range of backgrounds. Admission to many of these programmes are based on the students' performance in national level tests / entrance examination followed by interviews at IIT Ropar in some cases.

Due to our uniquely designed curriculum, IIT Ropar offers a plethora of UG programs including the option to have B.Tech with 6 month internship which is remarkable, as this is the first IIT to provide this option. The various other programs are listed below.

Undergraduate Programs

Bachelor of Technology

Admitted through Joint Entrance Examination (JEE)

Duration: 4 Years

- **Minor:**

Credits: Extra 15 Credit minor course work

Students can opt to do a minor in any discipline other than their major discipline.

- **Concentration:**

Credits: Extra 15 Credit concentration course work

Students can choose a concentration area, which will be within the major discipline.

- **Honors:**

Credits: Extra 15 Credit Coursework + 10 Credit Honors Project

An honors student can opt for minor/concentration courses as part of the 15 credit coursework requirement of honors.

- **Additional 6-month Internship:**

Credits: Extra 15 Credit internship

The coursework required for "Basic B.Tech." may be completed in seven semesters. Additional Internship may be opted during the seventh or eighth semester.

B.Tech Dual Degree in Mechanical Engineering

Admitted through Joint Entrance Examination (JEE)

Duration: 5 Years

The students complete six graduate level courses in their seventh and eighth semester, while ninth and tenth semesters are spent doing M.Tech project work.

Postgraduate Programs

IIT Ropar offers Master of Technology, Master of Science & Ph.D across streams paying emphasis of high-quality research evident by Top Position in QS India University Ranking-2020. IIT Ropar motivates Joint Master Thesis opportunities for PG students which allows to work on Master's Project jointly with Industries and R&D establishments. Joint Master Thesis provides early exposure to prevailing practical challenges which adds to skillset as well as sets students to pursue practical problems with better holistic and efficient approach. Degrees in PG programs are awarded on successful completion of Course Credits & approved completion of Project by Project Assessment Committee consisting of Supervisor(s), Head of Department and an internal examiner.

Masters of Technology (M.Tech)

Admitted through GATE

Duration: 2 Years

Streams: Mathematics, Physics, Chemistry & Engineering fields

Masters of Science (M. Sc)

Admitted Through JAM

Streams: Mathematics, Physics, Chemistry

Doctor of Philosophy (Ph.D)

The institute, apart from establishing a robust teaching environment, is keen to facilitate and support cutting edge research in a variety of areas. This aspect will enable the students to acquaint themselves with the latest developments in their respective areas of study and to pursue their own research interests. The institute offers PhD programme in a wide range of areas in Science, Engineering & Humanities and Social Sciences. The broad objective of the PhD programme is not only to keep pace with the expanding frontiers of knowledge but also to provide research training relevant to the present social and economic objectives of the country

Streams: Mathematics, Physics, Chemistry & Engineering fields

B.Tech



- Mandatory summer internship of minimum 40 working days after sixth semester for students from all UG Programs
- Optional summer internship for students from all UG Programs, students are encouraged to opt for such internships
- Optional one month winter internship for students from all UG Programs, students are encouraged to opt for such internships
- Academic semester for students of all UG Programs
- or or 7th or 8th semester as Internship semester for students opting for B.Tech with Additional Internship program
- or Six-month engagement of students with Industry or Research Organization anywhere in the world for students opting for B.Tech with Additional Internship Program

Joint Master's Thesis

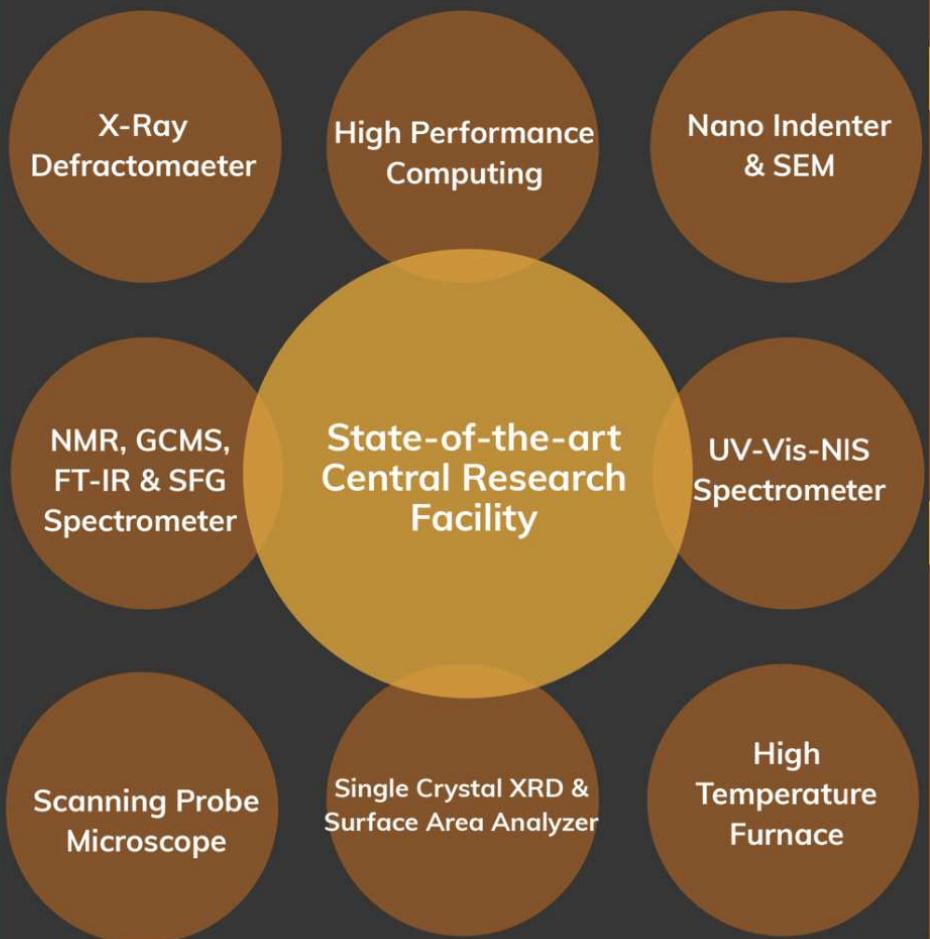
B.Tech-M.Tech Dual Degree



M.Tech



- Academic semester for PG students
- Thesis period
- Maximum time frame of engagement for MTech Students with Industry for a Joint Masters Thesis



IIT Ropar has bagged the first rank among the 56 Indian institutes that have made it to the Times Higher Education Rankings

Placement Statistics 2019-20

CSE	97.50%
EE	85.71%
ME	79.31%
Civil	62.50%
Overall	84.96%

Median Package

11.20
LPA

Placement Statistics 2018-19

CSE	91.89%
EE	88.89%
ME	66.67%
Overall	84.09%

Median Package

9.60
LPA

Placement Statistics 2017-18

CSE	94.29%
EE	81.82%
ME	92%
Overall	90.24%

Median Package

8.00
LPA



Full Time Employee & Intern Hiring Process

1. Invite sent by CDCRC office or Company can connect T&P Cell team.
(contact details available on last page)
2. An online Job Announcement Form (JAF) for FTE hiring to be filled by HR manager to share the job profile being offered to students.
Online Internship Notification Form (INF) to be filled in case a company is interested in hiring intern
3. Based on job profile being offered, interested students register for the FTE or Intern hiring process and data of registered students is shared with the company
4. Date for FTE or Intern hiring process finalized with mutual consent of company and T&P Cell Team
5. On-campus hiring process on the allocated date*
 - Pre-Placement Talk
 - Online test
 - Group Discussion and/or Interview
 - Result Declaration

*CDCRC, IIT Ropar is fully equipped with state-of-the-art audio-visual facilities, computer labs, interview and conference rooms for smooth conduct of the hiring process. The visiting team members from companies can be provided stay in the Institute Guest House (depending on the availability). In addition, a pickup/drop facility can also be provided from Chandigarh Airport/Railway Station/ Bus Station which is close to one hour away from IIT Ropar

50 Hertz	Huawei Technologies
Addverb Technologies	Indian Navy
Affine Analytics	Indian Olympiad Association
Airit Media LLP	Indus Valley Partners
Airtel	Indxx Capital
Allter	Infosys
Altair	Intello Labs
Amazon	IOL Chemical
Agnext	ISGEC Engineering
Ankam Private Limited	ISRO
Arista Networks	Jugnoo
Bharat Seats	L&T Construction
Book My Show	L&T Infotech
BYJUS	L&T Limited
Capgemini	Mahindra & Mahindra
Career Launcher	MAQ Software
Chegg India	Maruti Suzuki
CL Educate	Mathworks
Click Labs	Max Connect
Codenation	Microsoft
Cognizant	Naggaro
Commvault	NASDAQ
Creedlions	Nucleus Software
Cubastion Consulting	Nutanix
Dassault Systems	One Assist
DE Shaw	Oracle
Deloitte Consulting	Orchids International
Directi	Oxin Capital
Edupace	OYO Rooms
Edusquare	Parabole
Edynamics	Paytm
Electroneumatics	Phone Pe
Euler Systems	Quality Control of India
Expedia	RAAM Group
Finisar Corporation	Rambol
Flipkart	Redpine
FreeCharge	Reliance Jio
Fuji Films	Rise Institute
Futures First	RoundGlass
GE health Care	Saavn
Glenmark	Samsung
Go Products Engineering	Samsung R&D
Goldman Sachs	Hindustan Petroleum Corporation Limited
Sapient	TATA Consultancy Services
HSBCSCA Technologies	Tata Motors
Signal Chip	Truechip
Smartprix	UBER
SMS Data Tech	Wipro
TESCO Technology	Zomato
Texas Instruments	KRG Strategy Consultants Limited
Morgan Stanley Capital International	Hero Cycles
SCATech	HSBC
Trident	Treebo
Resonance	iRage Capital

We at IIT Ropar take student's all round development seriously. Compulsory courses like History of Technology broaden students' perspective while ones like Economics help increase their technical depth in humanities. Our students have excelled at examinations such as CAT and GRE.

Courses:

- Economics
- Operations Management
- Introduction to Entrepreneurship
- Finance and International Markets

Research Areas:

Management:

Online marketing, Transformative Service Research, Consumer Behaviour, Brand Management, Sustainability, International marketing

Economics:

Open economy macroeconomics, Financial Markets, Credit Related Issues, Applied Econometrics, Industrial Economics, International Economics and Climate Economics

Clubs/Societies:

Finance & Consulting Club:

The Finance and Consulting Club of IIT Ropar gives rigorous and extensive training to students in the fields of finance, consulting & product management etc. Students regularly engaged in live projects, case study competitions, design thinking competitions. The club manages to create an atmosphere of learning and target based skill development. The club runs its flagship course on finance and consulting (FnC101) with more than 150 students registered in the course. It conducts regular quizzes, assignments, seminars and panel discussion by guest lecturers.

ShARE (Education and Consulting startup):

It is a crossroad of education and consulting, offering a leadership program to cultivate and nurture tomorrow's leaders. The members receive coaching from ex McKinsey and BCG consultants on real business cases to solve the global problems. IIT Ropar is the first second-gen IIT to have its chapter.

Mentioned below are some of the major roles that were hired on-campus by our previous recruiters,

- Associate Product Manager/ Product Managers
- Product Analysts
- Associate Consultants
- Quant Researcher / Quant Finance
- Business Analysts
- Business Development
- Management Trainee

TBIF

To strengthen entrepreneurship & start-up ecosystem in IIT Ropar, the institute has been running a technology business incubator at its campus, which is an independent Section 8 Company, registered as IIT Ropar Technology Business Incubator Foundation (TBIF). The incubator caters to the incubation and mentoring needs of the future entrepreneurs of IIT Ropar and the Nation.

Total Startups incubated- 14

Notable Startups:-

- Awign Enterprises Private Limited
- Greedy Game Media Pvt. Ltd
- Omnipresent Robot Tech Pvt Ltd
- ScratchNest
- Augniscent
- Yoboshu

E-Cell

E-Cell aims to cultivate the entrepreneurial spirit among the students by inculcating the spirit of resilience, risk taking and dedication, additionally motivating them to use the innovative and ethical business practices to make a global impact. Over the years we have had notable speakers including Mr Hans Germeraad, Mr Harit Mohan, Mr Ajay Gupta, IPS Ravi Kumar to mention a few.

Event Visited-

- 1.) TiEcon, ISB Mohali
- 2.) E- Summit IIT Bombay
- 3.) Inter IIT Tech Meet
- 4.) Startup Masterclass, Delhi
- 5.) Events Conducted-
- 6.) Idea Pitching Bootcamp in association with Startup India
- 7.) Intern fair
- 8.) Business Model competition
- 9.) Started & Mentoring- Five E-Cells of nearby colleges

Enactus

ENACTUS stands for Entrepreneur Action and Us. It is a worldwide non-profit organization comprised of top business leaders and university students intended to make a better and more sustainable world.

Ever since its commencement, ENACTUS IIT Ropar has been working relentlessly to make communities self-sustainable, independent and to empower people by enhancing their skills and making them more aware. The team is working very hard and will continue to do so to achieve ENACTUS' mission of making a better tomorrow and superfine present.

Students spend their time constructively by engaging in the activities of these clubs. The students thus represent IIT Ropar at various national and international competitions and events, bringing laurels to the institute. They allow students to showcase their creativity without bounds. Over the semester, fortnightly meetings of the clubs are held, apart from the time invested by members in their club projects.

Robotics Club

The Robotics Club of IIT Ropar strives to stimulate interest in robotics among the students of the institute. We firmly believe in working in a planned, organised and disciplined manner that helps us in risk free management.

Coding Club

The club aims to give a good perspective of development and encourages the students to attend Hackathons. We also encourage participation in competitive programming events like ACM ICPC, CodeChef challenges and by conducting regular challenges within the college. We also organise seminars by experienced people in the area of open source development.

Zenith Club (Astronomy)

We aim to deepen students' understanding and knowledge of science and astronomy. We conduct workshops, lectures to give interested students a basic knowledge of astronomy.

We give students the experience of observing planets, galaxies, star clusters and other wonders of the universe in the sky through a telescope.

CIM Club

Computer-Integrated Manufacturing (CIM) is the manufacturing approach of using computers to control the entire production process. The CIM aims to impart knowledge regarding designing products, using modern softwares and technologies.

DebSoc (Debating Club)

Debating Club, IIT Ropar, named as DebSoc, which comes under Board Of Literary Affairs(BOLA), is an active community which aims to promote the culture of debating in the institute and provides a platform to bring all the debaters together. DebSoc creates a great platform for students, ideal and conducive to learn from each other and develop their knowledge!

Apart from these, we also have Photography club, Design and Animation club, Movie club, Music club, Dance Club, Fine Arts club, Dramatics, and many many more!

Pehchaan - Ek Safar

The highly motivated and enthusiastic students of IIT Ropar are active as a social service group (a registered NGO) under the name PEHCHAAN EK SAFAR (Search for an Identity). We have been working for the education of under privileged children around the permanent campus of IIT Ropar. The workforce at Pehchaan Ek Safar feels the need to be at the forefront of the battle against illiteracy. We feel the need to inculcate a rational mindset and scientific temper amongst citizens.

Zeitgeist

Deemed as the largest Cultural Fest in Punjab-Haryana, Zeitgeist is a 4 day extravaganza with a plethora of events in Singing, Dancing, Dramatics, Quizzing, Fashion, Oration, Poetry, Stand-up shows. It has grown over the years to include around 60 events, including Wall Graffiti, rap battles, dance battles and face painting. Different companies have used this fest as a platform to advertise their products. It features fun-filled and entertaining star nights, that have previously featured the best that our entertainment industry has to offer such as Vishal-Shekhar, Ranjit Bawa, Mohit Chauhan, Gajendra Verma, Diljit Dosanjh, Olly Esse and Havas Guruhi.

Advitiya

Advitiya has already evolved into a brand within five years of its inception. It encompasses a wide range of scientific and technical activities from fields like Coding, Aeromodelling, Robotics, Finance, Design and Entrepreneurship. This year's edition featured Humanoids, 3-D pen and various workshops such as Machine Learning, Cybersecurity, management, Robotics, IoT and Automobile mechanics. Advitiya also conducted Tech-Connect, organising various event in multiple cities around India.

With renowned speakers such as Dr. K Radhakrishnan (former Chairman of ISRO), Dr. R Chidambaram (DAE Homi Bhabha Chair Professor at BARC, Mumbai), Mr. Rakesh Malhotra (Founder, Luminous Industries) and Dr. Shankar Venugopal (Dean, Mahindra Technical Academy), Advitiya is an amazing learning experience for all students.

Aarohan

Aarohan is the annual sports fest of IIT Ropar. Spanning 3 days, it attracts a wide spectrum of youth from all over North India by providing excellent infrastructure, gruelling competition and the motivation to enable students to achieve the zenith of their respective performances. Sporting activities include Cricket, Badminton, Volleyball, Basketball, Football, Tennis, Table Tennis, etc. Fun activities like Tug of War, Paintball, Poker and Arm Wrestling are organised to lighten the intense mood. Notable personalities to visit Aarohan include Mr. Sandeep Singh (ex-captain of hockey team), and Mr. Surender Nada (Kabaddi player, part of world cup winning team in 2016).

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