

**BRIEF ABOUT VARIOUS DEPARTMENTS OF MAIN CAMPUS
AND CONSTITUENT CAMPUSES OF IKGPTU****IKGPTU MAIN CAMPUS, KAPURTHALA****1. DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

In line with the humungous contributing potential of Computer Science and Engineering in present era, CSE Department is offering Bachelor and Master of Technology degree in Computer Science and Engineering (CSE). The Department has always been on a high growth path aligned to cater the current need of the discipline and region, the department has started Bachelor and Master of Computer Applications (BCA & MCA).

Department is also research fad and is hence offering Doctor of philosophy (PhD) in Computer Science Engineering. The department's many strengths include its high faculty-to-student ratio, state of the art facilities, renowned doctorate faculty, strong focus on classroom-based education honed with leading-edge practical approach, research orientation, and emphasis on leadership, service, and ethics.

MESSAGE FROM HEAD OF DEPARTMENT

It is my proud privilege to welcome you all into the world of Excellence at Department of CSE, IKGPTU Main Campus, Kapurthala. The Department of CSE has honed and fine tuned a learning and life-skilling system that has been envied and benchmarked across globe. I am happy to share with you all that various initiatives of CSE Department of the University towards promoting technical education and building human resources in the state of Punjab and in rest of the country are indeed praiseworthy.

Here at Department of CSE, IKG Punjab Technical University, we sincerely intend and endeavor to bridge the sinister gap between knowledge and theory through the efforts of the faculty that make the learning process interesting, participative, stimulate, multi-dimensional and dynamic.

We believe that a dynamic and healthy academic environment is the perquisite of an excellent educational model. Hence, an attempt is made to create self sufficient and independent learning systems wherein students emerge as all rounded personalities, ready to face the global challenges with professionalism and integrity.

The key to the success is the young aspirants who desire to join CSE Department of University. The transformation of your mind with its limitless potential will make CSE Department of the University a class of its own. It is possible only if you share the dream and passion to achieve it. Procuring an admission in CSE Department of the University is not the achievement but to sustain the goal, learn and unlearn in the journey, to practice the profession with highest ethical standards and to involve pro-actively in the issues facing the society, is the real achievement.

I invite all of you to join us in this challenging experience to maximize the benefits and fulfilling the aspirations of the society and the mission of CSE Department of the University.

My best wishes to all of you for a successful and bright future ahead.

Dr. Rajeev Bedi
Head, Department of CSE

VISION OF THE DEPARTMENT

We all faculty, staff and students of Computer Science and Engineering Department of IKG Punjab Technical University Jalandhar, Kapurthala believe in a bright tomorrow, filled with a zest for innovation and celebrating life in its full glory, empowered by technical expertise, knowhow, skill and humaneness.

MISSION OF THE DEPARTMENT

- Development of human resources in the field of computer science and engineering to serve the cause of nation.
- Creation of a sustained learning environment for acquiring technical knowledge and professional application of the same in the domain of computer science and engineering.
- Inculcating amongst our students a deep understanding of the fundamental principles, concepts and practice in Computer Science and Engineering.
- Creating conducive environment for innovation to translate theoretical knowledge into practical applications.
- Preparing budding computer engineers to meet the ever increasing technological and social challenges with its traditions of self-discipline, hard work, all round personality development and a creative approach to problems.
- Maintaining accountability towards our profession through the process of self-evaluation and continuous Improvement.

PROGRAMMES OFFERED

Programme	Duration	Intake
B Tech (Computer Science & Engineering)	04years	360
Bachelor of Computer Application	03years	120
M Tech (Computer Science & Engineering)	02years	18
Master of Computer Applications	02 years	60
Ph. D.	-	-

**Lateral Entry to B.Tech. & BCA Courses shall be allowed as per Punjab Govt./IKGPTU norms*

RESEARCH AREAS

- Network Security
- Wireless Sensor Networks
- Cloud Computing
- Big Data Analysis
- Pattern Recognition
- Machine Learning

FACULTY PROFILE

Name	Designation	Specialization
Dr. Rajeev Kumar Bedi	Associate Professor & HOD	Object Oriented Programming, Cloud Computing, Mobile Cloud Computing
Dr. Dinesh Gupta	Assistant Professor	Machine Learning
Dr. Raman Kumar	Assistant Professor	Information Security, Cryptography and Security Engineering
Dr. Anshu Bhasin	Assistant Professor	Cloud Computing, Next Generation Networks, Network Security
Dr. Pooja Sharma	Assistant Professor	Machine Learning, Data Science, Pattern Recognition, Soft Computing
Dr. Anubha	Assistant Professor	Computer Networks, Operating System, Design and Analysis of Algorithms.
Er. Gagandeep Singh Kahlon	Assistant Professor	Computer Networks, Cyber Security, Big data, Data Structures and Cloud Computing.

Name	Designation	Specialization
Er. Vandana	Assistant Professor	Computer Networks.
Er. Kavita	Assistant Professor	Cloud Computing and OOPS Programming.
Er. Jappreet Kaur	Assistant Professor	Artificial Intelligence, Data Structure, OOPS Programming.
Ms. Shikha Mahajan	Assistant Professor	Operating System, Data Structure and C++.
Er. Jagminder Kaur	Assistant Professor	Image processing and Machine Learning.
Er. Kajal	Assistant Professor	Object Oriented Programming Language C++ and Database Management System.
Er. Jasmeen Kaur	Assistant Professor	Software System
Er. Kavita Bains	Assistant Professor	Machine Learning and operating System.
Er. Harpreet Singh	Assistant Professor	Machine Learning, Compiler Design and C Language.
Er. Ruchita Duggal	Assistant Professor	Database Management System, Operating System and Web Technologies.
Ms. Pooja	Assistant Professor	Machine Learning and Cloud Computing.
Er. Jasmeet Kaur	Assistant Professor	Wireless Sensor Network.

RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

- Research Publications in International Journals: 129
- Paper Presentations in International Conferences: 50
- Paper Presentations in National Conferences: 14
- Research Scholars Guided:4
- Books/Book Chapters Published: 3/23
- Patent: 01

RESEARCH PROJECTS

S.No	Faculty Member	Research Projects	Sponsoring Agency	Grant
1.	Dr. Rajeev Bedi	ISEA Phase – III (Co Chief Investigator)	MeitY	2.5 Cr
2.	Dr. Dinesh Gupta	ISEA Phase-III (Co-PI)	MeitY	2.5 Cr
3.	Dr. Raman Kumar	<ul style="list-style-type: none"> • Cryptography (PI) • ISEA Phase-III (Co-PI) 	<ul style="list-style-type: none"> • DST • MeitY 	<ul style="list-style-type: none"> • 30 Lakhs • 2.5 Cr

MAJOR RECRUITERS

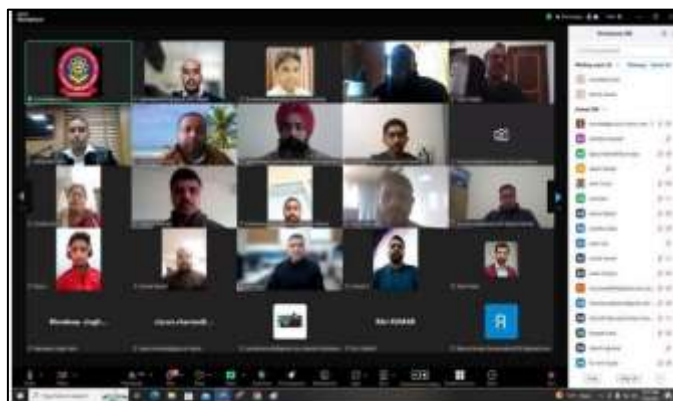
Sr. No.	Company Name	Sr. No.	Company Name
1.	Infosys	2.	L & T
3.	Zscaler	4.	TCS
5.	Intellipaat Software Solutions	6.	Capgemini
7.	Wipro	8.	IBM
9.	Cognizant	10.	Tech Mindsparc Innovations
11.	Accenture	12.	SV infotech software solutions
13.	eNest Technologies Pvt. Ltd.	14.	Pie infotech
15.	Relinns Technologies	16.	Cache labs

Sr. No.	Company Name	Sr. No.	Company Name
17.	Knack Tech E-learning pvt. Ltd	18.	Easework AI
19.	75way Solutions Pvt. Ltd.	20.	Aeonaxy
21.	Hoping Miond	22.	eNest Technologies Pvt Ltd
23.	Solitaire Infosys	24.	Pisoft informatics Pvt Ltd.
25.	Just Agriculture Education Group	26.	Codemap
27.	Pentair	28.	Tech Mindsparc Innovations
29.	Unschool	30.	Reality Smartz
31.	Jaro Education	32.	Enest Technologies
33.	Maxtron AI	34.	EXFO
35.	Mphasis	36.	YHILLS Edutech
37.	Zapbuild technologies	38.	Public Sapients
39.	Grazitti Interactive	40.	Zycus
41.	Eco Oceana Tech	42.	Mind Tree
43.	Smart Data Enterprise India Ltd.	44.	ZScaler
45.	Future Finders	46.	Tricon

GLIMPSES OF SOME EVENTS ORGANIZED BY DEPARTMENT



Two-days Bootcamp on Mobile Forensics



5 Days Faculty Development Program (FDP)



1st FOSS (Free and Open Source Software) Meetup



Safer Internet day celebrated in the Department



ANANT 2024: A Grand Fresher's Party



Multitrack 1-day Workshop by O7 Services



Coding Competition Code Utsav'22

CONTACT FOR ADMISSION

Dr. Rajeev Kumar Bedi
Associate Professor & HOD

Mobile No.: 7696168094

Email ID: hodcse@ptu.ac.in

Website: <https://ptu.ac.in/computer-science-and-engineering/about/>

Dr. Dinesh Gupta
Assistant Professor

Mobile No.: 88474-41684

Email ID: dineshgupta@ptu.ac.in

Website: <https://ptu.ac.in/computer-science-and-engineering/about/>

2. DEPARTMENT OF MATHEMATICS

The Department is offering B.Sc. (Hons.) in Mathematics, Post-Graduate and Doctoral programs in Mathematics. A comprehensive curriculum has been designed to groom the students into qualitative scientific manpower. Elective subjects are provided to students enabling them to enhance mathematical skills. Faculty members of the Department are highly research oriented and update themselves by active participation in National and International Conferences.

The Department has a well-equipped Numerical Simulation Lab having latest Mathematical Software like MATLAB.

PROGRAMME(S) OFFERED

Programme	Intake	Duration
B.Sc. (Hons.) Mathematics	30	3 Years
M.Sc. Mathematics	30	2 Years
Ph.D. Mathematics	As Per University Norms	As Per University Norms

RESEARCH AREAS

- Continuum Mechanics
- Information Theory & Coding
- Numerical Analysis

FACULTY MEMBERS

Name	Designation	Experience	Specialization
Dr. Ashish Arora	Professor & Head	25 Years	Continuum Mechanics
Dr. Rajesh Kumar Narula	Assistant Professor	28 Years	Information Theory & Coding
Dr. Gurjinder Singh	Assistant Professor	12 Years	Numerical Analysis

RESEARCH PUBLICATIONS/ BOOKS/RESEARCH GUIDANCE

- Paper Presentations in National Conferences: 30
- Research Publications in National Journals: 10
- Paper Presentations in International Conferences: 15
- Research Publications in International Journals: 70
- Books/Book Chapters Published: 05
- Research Scholars Guided (Ph.D.): 11
- Research Scholars Guiding (Ph.D.): 4

PROJECTS UNDERTAKEN BY FACULTY MEMBERS

Project Title/Details	Sanctioned Amount	Funding Agency	Principal / Co-Investigator
Waves in composite solid matrix saturated by multiple fluids	20 Lakh	CSIR	Prof. Ashish Arora
Wave Propagation in porous media	05 Lakh	DST	Prof. Ashish Arora
The Mathematical and Philosophical foundations of Ancient Indian Yantras	02 Lakh	ICPR	Prof. Ashish Arora
New Numerical Schemes to Solve Initial Value Systems of Ordinary Differential Equations	05 Lakh	TEQIP-II	Dr. Gurjinder Singh

EVENTS ORGANIZED/STUDENT ACTIVITIES



An Expert lecture delivered by Dr. Mandev Singh, Department of Mathematics, University of the Fraser Valley, Canada.



Photo after an expert lecture by Prof. Manoranjan Mishra (Indian Institute of Technology, Ropar, Punjab).



An expert lecture by Prof. Ashish Arora, Department of Mathematics, IK Gujral Punjab Technical University Jalandhar.



Playing a game in Fresher Party.

CONTACT DETAILS

Dr. Gurjinder Singh
Assistant Professor
Contact : 9815658551
Email : gurjinder@ptu.ac.in

3. DEPARTMENT OF PHYSICS

Department is offering Graduate, Post-graduate and PhD. Programs in Physics. We have well equipped laboratories of Optics, Mechanics, Electromagnetism and Modern physics for undergraduates, Advanced Electronics, Atomic and Molecular, Nuclear, Condensed matter and Computational physics for postgraduate classes, which allow the students to explore a variety of experiments, thereby helping them in understanding the fundamental aspects of the subject. Postgraduate students are also given the opportunity to undertake a research project in the thrust areas of research.

Faculty in Department is well qualified, highly motivated, and uses innovative methods to teach Faculty members participate in the National and International conferences/workshops to update themselves in line with latest developments in their research areas. Besides imparting quality education to the students, the Department regularly hosts various guest lectures, conferences, seminars, faculty development program etc. About five-research project worth of 1.8 crores under national/international, collaborations are presently operating in the Department.

PROGRAMMES OFFERED

Programme	Intake	Duration
B.Sc. (Hons.) Physics	30	03 years
M.Sc. Physics	30	02 years
Ph. D.	As per availability of slots	

RESEARCH AREAS

- Condensed Matter Physics
- Nano materials
- Material Science
- Nuclear Physics
- Renewable Source of Energy
- Computational Physics

FACULTY MEMBERS

Name	Designation	Specialization
Dr. Amit Sarin	Professor (HOD)	Renewable Source of Energy
Dr. Hitesh Sharma	Professor	Material Science and Nano technology
Dr. Maninder Kaur	Assistant Professor	Experimental Nuclear Physics
Dr. Varinderjit Singh	Assistant Professor	Experimental Nuclear Physics
Dr. Manish K. Sharma	Assistant Professor (Guest Faculty)	Radiation Physics
Ms. Arushi Sharma	Assistant Professor (Guest Faculty)	Nano Materials

RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

- Research Publications in International Journals : 154
- Research Publications in National Journals : 129
- Paper Presentations in International Conferences : 79
- Paper Presentations in National Conferences : 51
- Research Scholars Guided : 51
- Projects Undertaken by Faculty : 09
- Books/Chapters Published : 17

PROJECTS UNDERTAKEN BY FACULTY

Project Title/Details	Sanctioned Amount	Funding Agency	Principal/Co-Principal Investigator
Ab initio investigation of catalytic effect of carbon nanostructures on complex metal hydride	11.42 lakhs	DST	Dr. Hitesh Sharma
Tuning Graphene Nanostructures for Gas Sensor	26 lakhs	CSIR	Dr. Hitesh Sharma
Work on Biodiesel (SERB, DST)	27 lakhs	SERB	Dr. Amit Sarin
To investigate the effect of deformation on nuclear dissipation	6.75 lakhs	IUAC	Dr. Maninder Kaur
Investigation of fusion enhancement for neutron-rich symmetric systems near and below the fusion barrier	6.75 lakhs	IUAC	Dr. Varinderjit Singh
The magnetic moments of N^* and negative parity resonances	21.46 lakhs	SERB	Dr. Neetika
Diffractional vector modes on production at HERA using a holographic AdS/QCD approach.	18.51 lakhs	SERB	Dr. Neetika
Study of interface magnetic interactions in $\text{LaO}_7 \text{ SrO}_3 \text{ MnO}_6 / \text{A}_2 \text{ Ln Ru O}_6$ Hetero structures for spintronics application	34.72 lakhs	SERB	Dr. Rabia Pandit / Dr. Hitesh Sharma
Investigation of fusion enhancement and shell effects on fusion for neutron-rich systems near the fusion barrier	29.21 lakhs	SERB	Dr. Varinderjit Singh

SOME MAJOR PLACEMENTS

Sr. No.	Student's Name	Course Name	Company's Name
1	Dr. Deepak Agnihotri,	Ph.D.	Faculty, RBU, Mohali
2	Dr. Arun Upmanu	Ph.D.	Faculty, CU, Chandigarh
3	Dr. Sandeep Kumar	Ph.D.	Faculty, Govt. College, Ambala
4	Dr. Meenakshi	Ph.D.	Faculty, KMV, Jalandhar
5	Mr. Nikhil	B.Sc.	Saint Mary's University, Canada
6	Mr. Puneet	B.Sc.	University of Munster, Germany
7	Mr. Parshant	B.Sc.	Orbitx India Aerospace Ltd.
8	Mr. Harshvardhan Tyagi	B.Sc.	BRNS Project Govt. of India

DEPARTMENT LABORATORIES



B.Sc. Physics Students Performing Experiments in Advance Electronics Laboratory



M.Sc. Physics Students Solving Numerical Problems Using Simulation in Computational Physics Laboratory

EVENTS IN DEPARTMENT

FRESHER'S PARTY



Expert Talk



Guest Lecture



CONTACT FOR ADMISSION

Dr. Amit Sarin
Professor & HOD
Mobile No.: 9872998760
Email ID: amitsarin@ptu.ac.in

Website: <https://ptu.ac.in/physical-sciences/about/>

Dr. Varinderjit Singh
Assistant Professor
Mobile No. 9465884813
Email ID: vsingh@ptu.ac.in

4. DEPARTMENT OF CHEMISTRY

The department strives to achieve excellence in research and teaching in Chemistry. The Department has well-furnished and centrally air conditioned classrooms and laboratories. The laboratories are utilized for the day to day practical course work of the students. The faculty is well qualified and motivated with a strong commitment to research which is reflected in the sanctioned projects sponsored by the Ministry of Human Resource Development, Department of Science and Technology, Department of Atomic Energy, and many other organizations.

PROGRAMMES OFFERED

Sr. No.	Programme	Intake	Duration
1	B.Sc. Honours (Chemistry)	30	03 Years
2	M.Sc. (Chemistry)	30	02 Years
3	Bachelor of Science (Computer Science)	30	03 Years
4	B.Sc. (Medical Lab Sciences)	30	03 Years
5	M.Sc. (Medical Lab Sciences- Biochemistry)	30	02 years
6	Ph.D (Chemistry)	As per availability of slots	

RESEARCH AREAS

- Analytical Chemistry
- Biochemistry
- Supramolecular Chemistry
- Organic Synthesis
- Photochemistry
- NMR Methodology
- Environmental Chemistry
- Nano materials
- Medicinal Chemistry

FACULTY MEMBERS

Name	Designation	Experience	Specialization
Dr. Gaurav Bhargava	Professor & Head	21 years	Organic Chemistry/Medicinal Chemistry
Dr. Chander Prakash	Assistant Professor	19 years	Environmental Sciences/Biology
Dr. Vandana Naithani	Assistant Professor	17 years	Environmental Sciences
Dr. Rupesh Kumar	Assistant Professor	15 years	Organic Chemistry/Photochemistry
Dr. Roopa	Assistant Professor	09 years	Organic Chemistry/Supra molecular Chemistry
Dr. Reshu Sanan	Assistant Professor	11 years	Physical/Analytical Chemistry

RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

- Paper Presentations in National Conferences - 50
- Paper Presentations in International Conferences - 25
- Books/Book Chapters Published - 02
- Projects Undertaken by Faculty - 04
- Research Scholars Guiding (PhD) - 15
- Research Publications in National Journals - 15
- Research Publications in International Journals - 140
- Patents - NIL
- Research Scholars Guided (MSc) - 51
- Research Scholars Guided (PhD) - 10

PROJECTS UNDERTAKEN BY FACULTY

Project Title/Details	Sanctioned Amount	Funding Agency	Principal/Co-Principal Investigator
Transition metal catalysed inter-/intramolecular cyclo addition reactions of methylene & vinyl cyclopropanes: Synthesis of bi- tricyclic systems	22 Lakh	Board of Research in Nuclear Sciences (BRNS)	Dr. Gaurav Bhargava
Synthesis, cyclo addition, biological evaluation and synthetic transformations of mono-polycyclic-b-lactams	23 Lakh	Department of Science and Technology (DST)	Dr. Gaurav Bhargava
Fluorescence detection of activity and inhibition of histone deacetylases	29.12 Lakh	SERB, Department of Science and Technology (DST)	Dr. Roopa
Design and development of reagent less photochemical and mechano chemical methodologies for the synthesis of biologically potent heterocycles	18.30 Lakh	SERB, Department of Science and Technology (DST)	Dr. Rupesh

PLACEMENTS

Student Name	Company
Raman Dhall (MSc)	Research Chemist at Spharea Pharmaceuticals Inc.
Yogesh Kumar (PhD)	Post-Doctoral Associate in Durham University, UK
Bilash Kuila (PhD)	Senior Research Scientist at Augens Pharmaceuticals Inc.
Bhuvish (MSc)	Research Chemist at Translational Health Research Institute, New Delhi
Shakshi (M.Sc.)	Chemist in Lovin Care Cosmetic Pvt. Ltd. (H.P)
Deepika (M.Sc.)	Govt. Job (Teacher)
Gobind Kumar (M.Sc)	Ph.D at University of Kwazulu-natal, Durban, South Africa under NRF programme

DEPARTMENT LABORATORIES



Inorganic Chemistry Laboratory



Engineering Chemistry Laboratory



Inorganic Chemistry Laboratory



Physical Chemistry Laboratory

EVENTS / ACTIVITIES ORGANIZED



Industrial visit to Malwa Power Pvt Ltd, Sri Muktsar Sahib



Inter-departmental Rangoli Competition



Poster Competition



Students celebrating HOLI FEST



Fresher's Party



Farewell Party

CONTACT FOR ADMISSION

Dr. Gaurav Bhargava

Professor

Mobile No: 94780-98058

Email ID: gaurav@ptu.ac.in

Website: <https://ptu.ac.in/chemical-sciences/about/>

5. DEPARTMENT OF FOOD SCIENCE & TECHNOLOGY

The Department of Food Science and Technology offers an innovative and comprehensive educational experience designed to prepare students for successful careers in the ever-evolving food industry. Our faculty, staff, current students, and alumni form an interconnected network that drives our collective success, fueled by their dedication to the discovery and application of new knowledge. By providing students with essential scientific and technological expertise, the department equips them to tackle the challenges of food production, safety, quality control, and innovation. The program combines rigorous theoretical courses with hands-on practical experiences, helping students master the biological, chemical, and engineering principles that govern food systems. The department offers a variety of programs, including MSc in Food Technology, B.Sc. (Hons) in Food Technology, and B.Voc. in Food Technology, catering to diverse career aspirations in the food processing industries.

The curriculum covers food chemistry, microbiology, processing, engineering, nutrition, and product development, with a focus on food safety, sustainability, and regulatory affairs. Students gain expertise in quality control and product innovation while emphasizing sustainable practices in food production. Graduates are well-prepared for careers in food manufacturing, research, and product development, supported by strong industry connections and hands-on experience.

With state-of-the-art facilities, including dedicated research labs equipped with advanced instruments such as UV Visible Spectrophotometers, HPLC, Gas Chromatography, Rotary Evaporators, Lyophilizers, PCR machines, BOD Incubator, Shaker Incubator, PCR, Refrigerated Centrifuge machine, ELISA, Gel DOC, Milk analyzer, Bread maker and more, the department provides students with the tools they need to conduct meaningful research and foster innovation.

The department is deeply committed to providing a diverse, inclusive, and welcoming environment for students from all cultural, religious, racial, and individual backgrounds. Join us at the Department of Food Science and Technology and be part of a dynamic, diverse, and innovative community where knowledge, creativity, and inclusivity come together to shape the future of the food industry.

PROGRAMMES OFFERED

Sr. No.	Programme	Intake	Duration
1.	B.Sc. Honors Food Technology	30	4Years
2.	B.Voc. (Food Technology)	30	3 Years
3.	M.Sc. Food Technology	30	2Years
4.	Ph.D. Food Science & Technology	As per availability of slots	
5.	Ph.D. Pharmaceutical Sciences	As per availability of slots	
6.	Ph.D. Life Sciences (Biotechnology)	As per availability of slots	

RESEARCH AREAS

- Artificial Intelligence and Machine in Food Industry
- Engineering Properties of Food Materials
- Extraction and Characterization of macro and micro molecules of food
- Optimization of Food Products and Processing Techniques
- Valorization and Sustainable Use of Food Waste
- Nutraceuticals & Functional Foods
- Nutrigenomics & Pharmaceutical Biotechnology
- Pharmacoepidemiology and Pharmacovigilance
- Drug Utilization Research

FACULTY MEMBERS

Name	Designation	Experience	Specialization
Dr. Gaurav Bhargav	Professor	22 Years	Organic Chemistry
Dr. Barinderjit Singh	Assistant Professor	19 Years	Food Technology
Dr. Gazal Sharma	Assistant Professor	16 Years	Biotechnology
Dr. Shabir Sidhu	Assistant Professor	15 Years	Pharmacology

RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

• Paper Presentations in National/International Conferences	: 181
• Books / Book Chapters Published	: 17/32
• Research Publications in National/International Journals	: 194
• Patents	: 14
• UG Thesis Guided (B.Sc.)	: 09
• PG Thesis Guided (M.Sc.)	: 153
• Research Scholars Guided (Ph.D)	: 12

DEPARTMENT LABORATORIES



Food Analysis Lab



Class Room



Instrumentation Lab



Nutrition Biology Lab



Instrumentation Lab



Microbiology Lab

SOME MAJOR PLACEMENTS

Student Name	Company
Abhishek Bhargava	ITC Limited
Abhishek Chaudhary	Byju's
Abhishek Pandey	Life Style Foods Pvt. Ltd. and Unique Fragrance
Akshay Kumar Pandey	Mahaan Foods Ltd.
Ananya Sharma	Aayu kart Private Ltd.
Anmol Dhillon	National Dairy Development Board, Anand

Student Name	Company
Bavneet	Jaro Education
Hardeep Singh	Assistant Professor (Food Technology) at Guru Kashi University, Talwandi Sabo
Isha Kumari	Paras Spicies Pvt. Ltd Moga.
Jasmin Kaur Cheema	ITC Limited, Kapurthala
Jyoti Sarkar	Signicent, Mohali
Karishma Gambir	Start Icon Consultancy Pvt. Ltd.
Komal Kaithal	Food coast International-A food Processing Company
Laishram Genish Singh	Signicent, Mohali
Mehak Aftaab	Genesis PacAssist Pvt. Ltd. New Delhi
Mukul R. Zade	Bansal Classes Private Limited, Aurangabad,
Navdeep Kumar	Unati Co-op. Marketing-cum-Processing Society Ltd.
Nitika Saini	Assistant Professor, CT Institute of Hospitality Management.
Pranay Chaudhari	Plant Manager at Prahar International Food Pvt. Ltd , Amravati , Maharashtra
Pratibha Sharma	Cremica Food Industries Limited, Phillaur, Punjab
Ravi Kumar Sah	Varun Beverages Limited, Pathankot
Saloni Sharma	Food coast International-A food Processing Company
Saptadeep Sanyal	Scientific and Digital Systems, New Delhi
Shalini	Signicent Information Solutions LLP
Shivam Singh	Foodcoast International, Jalandhar Punjab
Sourav Rana	Foodcoast International, Jalandhar Punjab
Suraj Molla	Delightful Gourmet Private Limited
Suvajit	Jubilant Food Works Ltd, Mohali
Tanveer Ali	Kandhari Beverages Pvt. Limited
Vani Jaya chandran	Aayukart Private Ltd.

AWARDS/ACHIEVEMENTS OF STUDENTS/FACULTY

Student Name	Award/Achievement	Event
Aayush Wadhwa & Abishek Chadhuary	3 rd Prize in Poster Presentation	National Conference on Emerging and Sustainable Technologies in Food Processing, SLIET, Longowal , Punjab
Mehak Aftab	2 nd Prize in Poster Presentation	National Conference on Contemporary Food Processing and Preservation Technologies, Shoolini, University, Himachal Pradesh
Navalpreet Kaur	First Prize Oral Presentation	Engineers Day, IKG Punjab Technical University
Disha, Samridhi, Anuja Devi & Phuchog Lhamo	3 rd Prize	Inter College Volleyball Tournament
Drishti Gupta	Winner in Silver Category	Start Up Proposal at Bioconcurrence 2020-Global Meet Organised by Rajiv Gandhi Proudhyogiki Vishwavidyalaya Bhopal
Drishti Gupta, Vani Jayachandran and Monika Thakur	Winners	State level TAP B Plan Competition, TIER Chandigarh
Ananya , Himanshu Saini and Payal Chauhan	Winners	B Plan Competition of Entrepreneurship Week 2020 organised by IKGPTU

Student Name	Award/Achievement	Event
Jasmin Kaur Cheema	1 st Prize Best Poster Award	Multi-track National Conference- Slietcon-2019 (Track I: "New Horizons in Food Processing Technology and Nutrition-NHFPTN-2019") organised by SLIET, Longowal, Sangrur.
Anmol Dhillon & Akshay Kumar Pandey	Best Oral Presentation	Tamil nadu State Council of Science and Technology in association with Purdue University USA, ACER Chennai, Scholl of life Sciences and Technology, Chennai
Kunika Dandotra & Kanika Sharma	1 st Prize in Food Stall	World Food Day
Kunika Dandotra	1 st Prize	Engineer Day
Kunika Dandotra	1 st Prize Best Food Stall	Basant Panchami

GLIMPSES OF SOME EVENTS ORGANIZED BY DEPARTMENT



3rd Prize in Inter College Volleyball Tournament



1st Position in Paper Presentation (National Conference, SLIET)



1st Prize on World Food Day



1st Prize on Engineer Day



1st Prize on Basant Panchami Programme (Best Food Stall)



Dr. Barinderjit Singh, Assistant Professor, I. K. Gujral Punjab Technical University, Kapurthala, selected for IRSD Preeminent Academic Excellence Award 2022



World Food Day Celebration



Sports Day



Fresher's Party Celebration



Proud Alumuni



Metro Milk Pvt.Ltd, Jalandhar



TAP-B Plan Competition



Industry Visit of ITC Limited.

CONTACT FOR ADMISSION

Dr. Gaurav Bhargav
Professor/Head of the Department
Mobile No.: 9478098058

Dr. Gazal Sharma
Assistant Professor (Biotechnology)
Mobile No.: 9478098063

Dr. Barinderjit Singh
Assistant Professor (Food Technology)
Mobile No.: 9478098069

Dr. Shabir Sidhu
Assistant Professor (Pharmacy)
Mobile No.: 9478098064

Email ID: office.fst@ptu.ac.in

Website: <https://ptu.ac.in/food-sciences-and-technology/about/>

6. DEPARTMENT OF JOURNALISM & MASS COMMUNICATION

The Department of Journalism and Mass Communication offers the best education keeping in mind the growing demand for socialized course in media at the pre-doctoral research level. The students here are given conceptual understanding along with training in professional skills by academicians and professionals of long- standing experience in the field of journalism. By joining this department, the students will hone their skills in the field of journalism to become successful professionals in media industry in future. With the right blend of experience in the field and in the class, the media aspirants are guided carefully into the realm of theories and research. Not only orienting the students into academics, but also providing them hands on experience in the field by the way of rigorous internship build into the curriculum with adequate weightage, the students get exposed to the actual happenings in the media and become ready to take up media assignments immediately after completion of the course.

PROGRAMMES OFFERED

S. No.	Programme	Intake	Duration
1.	B.A.-Journalism and Mass Communication	30	03 years
2.	M.A- Journalism and Mass Communication	30	02 years
3.	Ph.D	As per University Norms	

RESEARCH AREAS

- Print Media
- Media Management
- Films Studies
- Communication
- Advertising
- Development Communication
- Electronic Media
- Public Relations
- Traditional Media

FACULTY MEMBERS

Name	Designation	Experience	Specialization
Dr. Ranbir Singh	Professor and Head of Department	21 Years	Mass Communication, Development Communication and Public Relation
Dr. Ekta Mahajan	Assistant Professor	17 Years	Print Media and Advertising

RESEARCH PUBLICATIONS/PATENTS/PROJECTS/ RESEARCH GUIDANCE

- Paper Presentation in National Conferences - 07
- Paper Presentations in International Conferences - 04
- Books/Book Chapters Published - 11
- Research Scholars Guiding (PhD) - 02
- Research Publications in National Journals - 48
- Research Publications in International Journals - 22
- Research Scholars Guided (MPhil) - 55
- Research Scholars Guided (PhD) - 12

SOME MAJOR PLACEMENTS

Student Name	Company
Aarush Bhalla	BBC Facilitator National Rural Health Mission Punjab
Pretty	Communication Assistant, House of Commons, Federal Government for Member of Parliament Randeep Sarai
Robin Kanozia	VTV Canada-Founder & Director
Saruchi Bala	Dainik Savera Times Jalandhar
Rohit Sidhu	Information & Communication Specialists in Jalandhar
Parveen Kumar	Dainik Bhaskar, Bureau Chief in Jalandhar
Karuna Sharma	Assistant Professor, Gujrawala Khalsa Education Council, Ludhiana
Payal Sharma	Assistant Professor, D.A.V. Collage, Jalandhar
Rajesh Kumar	Dainik Jagran, Chief Sub Editor, Chandigarh

Student Name	Company
Navroop Muthi Singh	Press Reporter in Daily Nawa Zamana
Robin Jindal	Public Relation Officer, Central University, Bathinda
Priyanka Jain	Assistant Professor, HMV, Jalandhar
Kailash	PR Executive Ludhiana
Parminder Kaur	Web Content Writer, Punjab Kesari
Suman	Web content Writer, Punjab Kesari
Monika	Web content Writer, Punjab Kesari
BaljitKaur	ETV, Script Writer, Hyderabad
Jitainder Singh	Journalist and News Anchor TV Punjab
Prabhjot Kaur	Assistant Professor, Institute of Business Management, Jalandhar
Jaspreet Kaur	Assistant Professor, St. Soldier College, Jalandhar
Puneet	Assistant Professor, Chandigarh University
Harsdeep K aur	Assistant Professor, BBK D.A.V Amritsar
Diksha	Assistant Professor, KMV Jalandhar
Shiva A Raja	Assistant Professor, NIFD, Kangra (HP)
Preetinder kaur	PRO, IIT Ropar
Manoj Kumar	Assistant Public Relation Officer, Aayush University, Kurukshetra, Haryana
Ishan	Senior Public Relations Officer, THDC India LTD, Uttarakhand
Shipra Rana	CNBC AWAAZ, Assistant Producer & Anchor, Mumbai
Manoj kumar	Content Writer, Jagbani, Jalandhar
Sanjeev Kumar	Dainik Jagran Research Deptt, Jalandhar
Neha	Assistant Professor, Doaba College, Jalandhar
Anjali Bhardwaj	Assistant Professor, Lyallpur Khalsa College, Jalandhar

DEPARTMENT LABS



Video Lab



Audio Lab



Communication Lab



Editing Lab

EVENTS ORGANIZED/STUDENT ACTIVITIES



Students bag top positions at Media Festival organized by Khalsa College Amritsar



Vibrant Farewell Party 'Apa Pher Milange'



Students gain hands-on insight at Dainik Jagran Newspaper Printing Press, Jalandhar



Guest lecture on World Photography Day by owner of Third i picture, Filmmaker and cinematographer Sukhmanjot Singh



Five days educational cum recreational trip to Kullu-Manali





Faculty staff of Journalism and Mass Communication Department

CONTACT FOR ADMISSION

Dr. Ranbir Singh

Professor and Head of Head, Department of JMC

Mobile No: 94780-98070

Email ID: ranbirsingh@ptu.ac.in

Website: <https://ptu.ac.in/journalism-mass-communication/about/>

7. DEPARTMENT OF HUMANITIES, LANGUAGES AND CULTURAL STUDIES

The Department of Humanities, Languages and Cultural Studies (HLCS) came into existence in 2019. Its objective is to provide value-based education to the students, and to make the employable so that they become professionals with a difference to understand and meet the industrial and social expectations. Currently, the Department houses many disciple in assoc has English Language & Literature, Communication Skills, Punjabi Language & Literature, Universal Human Values & Professional Ethics, Political Philosophy, and Indian Political System etc. The Department is active lee engaged in teaching, research, training, and outreach activities. In keeping with its multidisciplinary character, it carries out research in diver sean demerging areas of human inter stand social concerns.

PROGRAMME(S) OFFERED

Programme	Intake	Duration
PhD (Punjabi)	As per availability of slots	-----
PhD (English)	As per availability of slots	-----

RESEARCH AREAS

- Language Literature
- Cultural Studies
- Gender Studies
- English Language Teaching
- Modern Punjabi Poetry
- Fiction, Literary Theory & Criticism

FACULTY MEMBERS

Name	Designation	Experience	Specialization
Dr. Ranbir Singh	Professor and Head of Department	21 Years	Mass Communication, Development Communication and Public Relation

RESEARCH SCHOLARS

Name	Subject	Proposed title of Thesis	Date of enrollment
Raman	English	Literary and Cinematic Representations of Gaia in 21st Century: Comparative Critique of Claire Buss's The Gaia Collection and R. Rathindran Prasad's Boomika	22 September 2021
Sandeep Singh	English	Tentative thesis title : English Literature	7 September 2022
Ranjana Arora	English	Haruki Murakami "Kafka on the Shore"	12 September 2022
Ramandeep Kaur	Punjabi	ਸੋਸਲ ਮੀਡੀਆ ਉੱਪਰ ਪ੍ਰਾਪਤ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦਾ ਵਿਸ਼ਲੇਸ਼ਣ ਤੇ ਮੁਲਾਂਕਣ	07 February 2024
Veer Kaur	Punjabi	ਇੱਕੀਵੀਂ ਸਦੀ ਦਾ ਪੰਜਾਬੀ ਨਾਵਲ : ਸਮੱਸਿਆਵਾਂ ਦੀ ਪੇਸ਼ਕਾਰੀ ਦਾ ਮੁਲਾਂਕਣ	07 February 2024

EVENTS ORGANIZED



Translated Book on Human Value released function



International Mother Language Day celebrated



Educational Tour at Jang -E-Azadi, Kartarpur Jalandhar

CONTACT FOR ADMISSION

Dr. Ranbir Singh

Professor and Head, Department of HLC

Mobile No. : 94780-98070

Email ID : ranbirsingh@ptu.ac.in

Website : <https://ptu.ac.in/journalism-mass-communication/about/>

8. DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering is offering Graduate, Postgraduate, and Ph.D. programs in Mechanical Engineering. The Department has well-equipped laboratories related to basic, core, and advanced subjects of mechanical and allied engineering courses which help students to pursue a professional career or higher education for further enhancement of their knowledge. The department has well-experienced and dedicated faculty members with active involvement in research projects. All the faculty members are Ph.D. Degree holders with an average teaching experience of more than 20 years. The faculty of the department has expertise in Machine Design, Automobile Engineering, Thermal Engineering, Fluid Mechanics, Heat Transfer, Surface Engineering, Additive Manufacturing, Non-conventional machining, 3D printing, etc.

Faculty members of the department have presented their research papers at various National and International conferences. The department organizes many training/faculty development Programmes for the faculty, technical staff, and students periodically. Invited lectures from renowned personalities are regularly arranged for the benefit of the students and staff members of the department. The department encourages the faculty and students to attend conferences, workshops, and other training Programmes to enhance their technical skills. Currently, the department is headed by Dr. Balkar Singh with an experience of more than 30 years in teaching and research.

PROGRAMMES OFFERED

Programme	Intake	Duration
B. Tech. - Mechanical Engineering	30	4 Years
B.VOC (Automobile Servicing)	30	3 Years
M. Tech. - Mechanical (Manufacturing Engineering & Automation)	18	2 Years
Ph.D.	As per the availability of slots	

RESEARCH AREAS

- Thermal Engineering
- Advanced Manufacturing
- Surface Engineering
- Conventional Machining
- Non-conventional Machining
- Surface Coatings
- Laser Cladding
- Reliability
- Welding
- Biomaterials
- Microwave Processing of Materials
- Computational Fluid Dynamics
- Thermal Spray Coatings
- Superalloys, Advanced Materials
- Wear, Erosion

FACULTY MEMBERS

The faculty of the department are alumni of institutes of repute with an average experience of more than Twenty years of teaching and research. The faculty of the department hold various additional responsibilities like Dean (Academics), Dean (College Development) Hostel wardens, etc. Their names, designation, experience, and specialization are indicated below:

Name	Designation	Experience	Specialization
Dr. Vikas Chawla	Professor & Dean (Academics)	26 Years	Surface Engineering, Friction Welding, Corrosion Science, and Engineering
Dr. Balkar Singh	Professor & Dean (College Development)	34 Years	Conventional & Non -Conventional Machining and Advanced Manufacturing
Dr. Neelkanth Grover	Professor	31 Years	Modelling and Simulation, Heat Transfer
Dr. Deepak Kumar Goyal	Assistant Professor	21Years	Surface Engineering, Additive Manufacturing, Engineering, Mechanics, and Machine Design
Dr. Jujhar Singh	Assistant Professor	22 Years	Conventional and Non -Conventional Machining, Composites
Dr. Amoljit Singh Gill	Assistant Professor	10 Years	Materials Engineering and Processing
Dr. Manoj Mittal	Assistant Professor	28 Years	Fluid, Thermal, and Manufacturing
Dr. Vivek Aggarwal	Assistant Professor	25 Years	Conventional and Non -Conventional Machining, Superalloys, Advanced Manufacturing

RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

- More than 400 papers in journals of repute
- 100 + M. Tech. Dissertations
- 250+ publications in conferences
- 25 + completed PhDs and a similar number of ongoing
- 70 + books and book chapters
- 5 patents and many projects

PLACEMENTS - B.TECH. IN MECHANICAL ENGINEERING

Name of Students	Name of Organization
Sumit Saini	Larsen and Tubro, Nector Life Sciences
Anshul Saxena	Larsen and Tubro, Nector Life Sciences
Himanshu bhaskar	UPSC Clear
Shreyansh kaushik	Infosys
Shivam	Accenture
Abhishek jaiswal	Cognizant
Karandeep singh	Occl
Raghav goyal	Occl
Manish kumar	Sonalika tractors ltd.
Anubhav shakya	Sonalika tractors ltd.
Khanik dadwal	Sonalika tractors ltd.
Praveen Kumar Mishra	Cognizant (GenC)
Anurag Sahani	Cognizant (GenC)
Aman Raj	Cognizant (GenC)
Kartik Kapoor	Cognizant (GenC)
Jashanpreet Singh	Advance Valves Pvt. Ltd.
Meemansa Mishra	Studio Mosaic, New Delhi
Jagroop Singh	L & T Technology Services Ltd.

EVENTS ORGANIZED



Industrial Visit at Pong Dam



Academic tour to Cold Store



Freshers' Party



Industrial Robot

Automobile Engineering Lab



CNC Milling Machine



Cut Section of Tractor



Cut Section of Hexa Car



Project Demonstration



Project Demonstration

CONTACT FOR ADMISSION:

Dr. Balkar Singh
Professor and Head, Department of ME
Mobile No. : 94780-98009
Email ID : ptubalkar@gmail.com

Dr. Deepak Kumar Goyal
Assistant Professor
Mobile No. : 9814927235
Email ID : dr.deepakgoyal@ptu.ac.in

9. DEPARTMENT OF ELECTRICAL ENGINEERING

The Department offers **Undergraduate, Postgraduate and PhD programmes in Electrical Engineering**. Well-equipped laboratories with state-of-the-art technology provide opportunities to students for hands on experience, thereby helping them in understanding the fundamental aspects; there are more such labs in the offing. Spacious air-conditioned classrooms and world-class infrastructure cater for an environment where students can learn independently as well as in a team. Our outcome-based curriculum and experiential learning opportunities meet the emerging challenges that graduates face in the field. Department aims to create globally competent engineers with a professional outlook, top notch researchers and highly inspired techno-entrepreneurs.

There are ample opportunities to students for their over-all growth and development. The research scholars are provided with independent space for experimental set up, access to leading international and national research journals, and simulation software. The faculty is well experienced in both research and teaching and is focusing towards consultancy.

WHY US?

- Experienced Faculty
- Credible and Ethical education
- Air-conditioned classrooms
- Focus on project-based learning
- Future focused facilities in our State-of-the-art labs

PROGRAMMES OFFERED

Programme	Intake	Duration
B.Tech. (Electrical Engineering)	30	4 Years
M.Tech. (Power and Energy System)	18	2 Years
Ph.D.	As per University Norms	

**Lateral Entry to B.Tech. Course shall be allowed as per Punjab Govt./IKGPTU norms*

RESEARCH AREAS

- Power system optimization/Power Market
- Renewable energy/Distributed generation/Power quality
- Dielectrics/Condition monitoring of power equipment

INFRASTRUCTURE

- **Under Graduate Laboratories:** General Electrical Laboratory, Electrical Machines Laboratory, Power System Laboratory, Electrical Measurements Laboratory, Control Systems Laboratory
- **Research Laboratories:** Power Systems Computational Laboratory

FACULTY MEMBERS

Name	Designation	Specialization	Experience
Dr. Yadwinder Singh Brar	Professor	Power system operation & control	32 Years
Dr Naveen Kumar Sharma	Assistant Professor	Grid-Integration of Renewable Energy Sources, Distributed Generation, Power Market, Power system Optimization	11 Years
Dr Akhil Gupta	Assistant Professor	Solar photovoltaic grid integration, power quality, and smart grids	25 years

ELECTRICAL ENGINEERING CLUB (E2C) - STUDENT CLUB

The students participated in the following activities of E2C club

- For fostering technical innovation, a session was deliberated by experts on 22nd February 2023
- Expert talks on 'Smart grid' and 'Solar photovoltaic and future trends' were held on 1st March 2023 and 15th March 2023, respectively.
- Talent hunt for the students of B.Tech EE 2nd semester was held on 5th April 2023. Krishan Kant of 6th semester bagged the 1st prize while Kuldeep of 4th semester won the 2nd prize and Neeraj Bhatia won the 3rd position.

OTHER ACHIEVEMENTS OF STUDENTS

- Prajiwal Pathania of 5th semester participated in Inter Departmental Debate during Engineers Day and bagged the 3rd position on 15th September 2022.
- Prajiwal Pathania of 5th semester participated in Quiz during Engineers Day and bagged the 1st position on 15th September 2022.
- Prajiwal Pathania of 5th semester participated in Quiz during Interzonal Youth fest 2022 and bagged the 2nd position.
- Adarsh Kumar of 6th semester participated in Sports competition and bagged the 2nd position in Lawn-tennis on 9th February 2023.
- Adarsh Kumar of 5th semester participated in Sports competition and bagged the 3rd position in Football at GTB Mullanpur Ludhiana on 5th October 2022.
- Sukhbir Singh of B.Tech 5th Semester participated in Poster making during Engineers Day and bagged the 2nd position on 15th September 2022.
- Sukhbir Singh of B.Tech 5th Semester participated in Collage making during Zonal Youth Fest 2022 at GGI Khanna and bagged the 2nd position on 20th October 2022.
- Vikasdeep Singh Sidhu of B.Tech 5th Semester participated in Poetry writing during Zonal Youth Fest 2022 at GGI Khanna and bagged the 3rd position on 20th October 2022.
- Vikasdeep Singh Sidhu of B.Tech 5th Semester participated in Poetry writing during Inter-Zonal Youth Fest 2022 and bagged the 3rd position on 2nd December 2022.
- Vikasdeep Singh Sidhu of B.Tech 4th Semester participated in Social shorts during Navonmesh 2.0, 2022 and bagged the 2nd position on 18th May 2023.
- Pushpinder Rana of 6th semester participated in “Run for remembrance” to pay homage to Pulwama Martyr’s on 14th February 2024 and bagged the 3rd position in Men category
- Ankit Chaudhary of 3rd semester participated in Virasat-E-Punjab Bhangra competition on 7th September 2024 at DAV University Jalandhar
- Ankit Chaudhary of 3rd semester participated in “Run for remembrance” to pay homage to Pulwama Martyr’s on 14th February 2024
- Ankit Chaudhary of 2nd semester 21 PB BN NCC Kapurthala participated in Cultural dance CATC-33 during 10th Jan to 19th Jan 2024 at DAV University Jalandhar
- Ankit Chaudhary of 2nd semester participated in bridge crafting competition during Technophilia 24 and bagged the 2nd position organized by Civil Engg department
- Lalit Kaundal of 6th semester completed the 120 hours industrial training program on Machine learning using python during 11-06-2024 to 24-07-2024 at NIELIT Haridwar
- Lalit Kaundal of 6th semester attended the webinar on Electric vehicle charging infrastructure in India-simplified on 20-06-2024
- Surjit kumar of 2nd semester participated in Poster making competition organized by NCCwing on 14th February 2024 and bagged the 1st position
- Surjeet of 2nd semester participated in “Run for remembrance” to pay homage to Pulwama Martyr’s on 14th February 2024
- Surjit kumar of 2nd semester participated in bridge crafting competition during Technophilia 24 and bagged the 2nd position organized by Civil Engg department
- Surjit kumar of 1st semester participated in poster making competition on the occasion of World entrepreneur day on 21st August 2023
- Surjit kumar of 3rd semester participated in poster making competition organized by Pollution control board on 7th September 2024 and bagged the 1st rank
- Kamalpreet Kaur of 1st semester participated in Clay modelling competition on 15th September 2023 and bagged the 2nd position
- Harsh Sarpal of 6th semester 21 PB BN NCC Kapurthala participated in Tug of war during 18th Jan to 29th Jan 2025
- Harsh Sarpal of 2nd semester 21 PB BN NCC Kapurthala participated in combined annual training camp of National cadet corps during 10th July to 19th July 2023
- Akshay Pal participated in AI for students: Build your own generative AI model on 24th February 2024



Sukhbir Singh B.Tech 6th Semester bagged the first prize in quiz and painting competition at Department of Civil Engineering



Md Arif B.Tech 7th Semester bagged 1st position in Business quiz at GNA University on the theme of "Know your Country", at Phagwara, and won the prize money of Rs 5,100/-

STUDENT PLACEMENT INFORMATION

Batch 2019-2023

- Ayush Gupta (1916549) placed in Realty Smartz Pvt. Ltd.
- Sonu (2022789) placed in placed in Realty Smartz Pvt. Ltd.
- Parth Saini (1916559) placed in Brickred Systems India Private Limited
- Sanjay Kumar (1916569) placed in India Medtronic Pvt. Ltd.
- Aishwary Raj (1916543) placed in Cognizant as programmer analyst trainee
- Harsh Kumar Singh (1916554) placed in Cognizant as programmer analyst trainee
- Sanjay Kumar (1916569) placed in Software Engineer Trainee (level-1) Codesoft
- Sanjay Kumar (1916569) placed in Business Development Associate -Online sales at Exotic learning
- Gurbax Singh (1916552) placed in Larsen & Toubro Limited
- Anurag Chaudhary (1916545) placed in HCL Technologies Limited

Batch 2020-2024

- Manish Sahani (2022649) placed in Qspiders-Joint Campus Internship drive
- Manish Sahani (2022649) placed in Attentive OS private limited
- Manish Sahani (2022649) placed in Attentive OS private limited
- Chandan Singh (2022639) placed in Tech Mindsparc Innovations during campus internship and placement drive
- Shamim Ahmed (2022656) selected by Prutor (Robust Results Private Limited)-Campus Internship Drive
- Chandan Singh (2022639) selected by Prutor (Robust Results Private Limited)-Campus Internship Drive
- Shubham Ranjan Sinha (2124546) selected by Edustation, Yelahanka, Bangalore, Karnataka as Business development trainee
- Krishan Kant (2022648) selected by Adani Cement Limited as Trainee graduate Engineer

Higher studies and AllIndia Competitive Exams Cleared

- Mehul Raj took admission at (NIT Trichy) M. Tech.-Power Electronics in August 2023
- Purujit Chaturvedi took admission Munster Technological University, Ireland in Msc Cybersecurity 12 months full time programme in September 2023
- Diwakar Kumar qualified GATE 2024 exam GATE score: 503, Marks out of 100: 37.33, All India Rank: 2044
- Shubham Bharti qualified GATE 2024 exam GATE score: 341, Marks out of 100: 25, All India Rank: 8529
- Abhimanyu Thakur qualified GATE 2024 exam GATE score: 371, Marks out of 100: 27.33, All India Rank: 6513
- Abhishek Yadav qualified GATE 2025 exam GATE score: 689, Marks out of 100: 53.67, All India Rank: 467

Faculty achievements

- **Dr Akhil Gupta et al.**, "Integrating Solar Photovoltaic Systems with Multilevel Inverter Topology for Enhanced Grid Connectivity" In: Proceedings of 2024 IEEE Third International Conference on Power

Electronics, Intelligent Control and Energy Systems (ICPEICES) held on April 26-28, 2024 at Delhi Technological University, Delhi, India.

- **Lakngam Angkang, Naveen Kumar Sharma & Yadwinder Singh Brar**, “A Case Study on the Performance Analysis of 300 kWp Grid-Integrated PV Power Plant in the Indian Climate” In Proceedings of International Conference on Signal, Machines, Automation, and Algorithm, Proceedings of SIGMAA 2023, Volume 1460
- **Yadwinder Singh Brar**, “Thermal unit commitment using evolutionary programming, AIP Conference proceedings 2900, Computers, networks and renewable energy, CNRE, pp. 020028, 2024
- **Dr Akhil Gupta et al.**, “PSO-Based Optimization for Intelligent Grids: An Approach to Islanding Prevention and Detection in Hybrid Generation Systems” In: Proceedings of the 15th International IEEE conference on computing, communication and networking technologies (ICCCNT) in association with IEEE Electronics packaging society, June 24-28, 2024, pp. 1-6, IIT Mandi
- **Dr Akhil Gupta et al.**, Patent grant, Artificial intelligence based chemical industrial grinder machine, Application no. (413073-001), date of issue: 28-06-2024,
- **Dr Akhil Gupta** attended a Skill development for business start-ups, AICTE recognized faculty development programme, conducted by Entrepreneurship development and industrial coordination department, NITTTTR Chandigarh, at I.K. Gujral Punjab Technical University, Kapurthala Punjab, 13-05-2024 to 17-05-2024
- **Dr Akhil Gupta** supervised the three Ph.D. thesis as co-supervisor namely, Mr Harvinder Singh, Mr Sachin Thakur and Mr Sachin Kumar
- **Dr Naveen Kumar Sharma** as Editor: Computing, Networks & Renewable Energy, Volume 2900, Issue 1, 30 May 2024, COMPUTING, NETWORKS, AND RENEWABLE ENERGY, India AIP Conf. Proc. 2900, 010001 (2024) <https://doi.org/10.1063/12.0025331>.
- **Dr Naveen Kumar Sharma** conducted the session chair International Conference on International Conference on Future and Recent Advances in Mechanical Engineering (FRAME-2024), 15th -17th, Oct 2024, Organized by Department of Mechanical Engineering, National Institute of Technology, Kurukshetra, Haryana, India.
- **Dr Naveen Kumar Sharma** conducted the keynote speaker and session chair at IEEE International conference Power Energy Environment and Intelligent Control (PEEIC-2024) at GL Bajaj Greater Noida in 24-28 December 2024.
- **Dr Naveen Kumar Sharma** conducted the Session Chair in International Conference on Electrical Systems & Energy Technologies (ESET 2024), August 24th -25th, 2024, Organized by Department of Electrical Engineering at National Institute of Technology Hamirpur (HP), India.
- **Dr Naveen Kumar Sharma** served conducted the as Track Chairs on “Power, Energy & Control” and Session Chair, in the conference “2024 IEEE Students Conference on Engineering and Systems (SCES-2024)”, June 21-23, 2024, organized by Department of Electrical Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, India

AWARDS/ACHIEVEMENTS OF STUDENTS

Student Name	Award/Achievement	Event
Md Arif	1st position (Rs. 5,100/-)	Business quiz at GNA University Phagwara
Sukhbeer Singh	1 st prize	Know your Country
Yamni Gupta	Bronze Medal	Inter college Chess Competition
Priya Kumari	Bronze Medal	Inter college Chess Competition
Priya Kumari	Bronze Medal	Inter-college tournament Volleyball Team
Shivam Chauhan	Man of the Match	Inter-Departmental Cricket Match
Suraj Paliyal	2 nd Prize	Inter-College tournament Volleyball Team
Harmanpreet Singh	2 nd Prize	Inter-College tournament Volleyball Team
Archit Sharma	2 nd Prize	Inter-College tournament Volleyball Team
Anmol Kaila	1 st Prize	Engineer's Day Hardware demonstration
Neel Mani	3 rd Position	Business Plan Competition
Vishal	3 rd Position	Business Plan Competition
Harshdeep Rai	2 nd Position	Engineer's Day Ad. Mad show
Ruhi Kumari	3 rd Prize	Engineer's Day Hardware demonstration
Praveen Kumar	3 rd Prize	Engineer's Day Hardware demonstration

DEPARTMENT LABORATORIES



Basic Electrical Laboratory



Power System Laboratory



Electrical Machine Laboratory



Computer Laboratory



Project and Research Laboratory



Institutional Training Session

EVENTS ORGANIZED



Farewell party organized for the Batch 2020 on 8th November 2023



Freshers party organized for the Batch 2023 on 8th November 2023



Lohri celebration in EE department 12th January 2024



Students of Government senior secondary school Kular Kapurthala visited the EE department on 8th February 2024



A National level workshop on Industry IO on 7th November 2023



Alumni talk by Batch 2018-2022 to the students of EE Department



ADMISSION RELATED QUERIES

Dr. Yadwinder Singh Brar

Professor and Head of Department, Mobile No.: +91-9478098013

Dr. Naveen Kumar Sharma, Assistant Professor, Mobile No.: +91-9882281525

Dr. Akhil Gupta, Assistant Professor, Mobile No.: +91-9855041124

Department Website Page URL: <http://maincampus.ptu.ac.in/dept-of-electrical-engineering/>

University Main Website: <https://www.ptu.ac.in/>

10. DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The Department offers Undergraduate, Postgraduate and Doctoral Programmes in Electronics and Communication Engineering. The Department has strong research Programmes leading to Ph.D. degree in all the areas of Electronics and Communication Engineering. In addition to the well-equipped curriculum-related laboratories, the Department has many state of the art facilities for assisting research and development. The Department has dedicated Ph.D qualified faculty having vast experience of teaching, conducting and guiding research scholars in various sub-domains of Electronics and Communication Engineering. The Department enthusiastically facilitates the students and Research scholars in the latest research know-how and exposure in these fields and allied subjects. The Department has many publications to its name in the reputed International (SCI/SCOPUS etc.) & National Journals/Conferences and filed as well as granted Patents.

PROGRAMME OFFERED

Sr. No.	Programme	Intake	Duration
1	B.Tech. (Electronics& Communication Engineering)*	30	4 Years
2	B.Tech. (Electronics & Computer Science)*	30	4 Years
3	Ph.D	As per availability of slots	

**Lateral Entry to B.Tech. Course shall be allowed as per Punjab Govt./IKGPTU norms*

RESEARCH AREAS

- Wireless Communication
- Soft Computing
- Optical Communication
- Embedded Systems
- Applied Soft Computing
- Microwave Communication
- VLSI
- Antenna Engineering
- Digital Signal Processing

FACULTY MEMBERS

Name	Designation	Experience	Specialization
Dr. Satvir Singh	Professor	24 years	Applied Soft Computing & VLSI
Dr. Dalveer Kaur	Assistant Professor	15 years	VLSI, Microwave and Wireless Communication
Dr. Rakesh Goyal	Assistant Professor	15 years	Optical and Wireless Communication
Dr. Amit Gupta	Assistant Professor	22 years	Optical and Wireless Communication
Dr. Rakesh Kumar	Assistant Professor	23 Years	Evolutionary Algorithms, Mobile Ad Hoc Networks

RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

- Paper Presentations in National Conferences - 50
- Paper Presentations in International Conferences - 76
- Books/Book Chapters Published - 12
- Projects Undertaken by Faculty - 10
- Research Scholars Guiding (PhD) - 24
- Research Publications in National Journals - 18
- Research Publications in International Journals - 233
- Patents - 08
- Research Scholars Guided (MTech/MBA/MSc/MPhil) - 94
- Research Scholars Guided (PhD) - 20

PROJECTS UNDERTAKEN/UNDERGOING BY FACULTY

Project Title/Details	Sanctioned Amount (Lacs)	Funding Agency	Principal/Co-Principal Investigator
Modernization of Microcontroller and Embedded Systems Lab	5.00	AICTE	Dr. Satvir Singh
Modernization of VLSI Lab	10.00	AICTE	Dr. Satvir Singh
2-Week Staff Development Programmes on Intelligent Computational Techniques	1.98	AICTE	Dr. Satvir Singh
1-Week Faculty Development Programmes on Applied Soft Computing	2.00	TEQIP-II	Dr. Satvir Singh
2-Week Staff Development Programmes on Nature Inspired Computational Intelligence	1.50	AICTE-TEQIP	Dr. Satvir Singh
International Conference on Communication, Computing and Systems (ICCCS-2014)	3.00	TEQIP-II	Dr. Satvir Singh
Technical Education Quality Improvement Programmes Phase-II (TEQIP-II)	1000.00	MHRD	Dr. Satvir Singh
1-Week Faculty Development Programmes on Modern Tools and Techniques for Teachers and Researchers	3.00	AICTE-IKGPTU	Dr. Satvir Singh
1-Week Faculty Development Programmes on Internet of Things (IoT) and Real-Life Applications	2.12	AICTE-IKGPTU	Dr. Rakesh Goyal
SERB-Department of Science and Technology(DST) project	18.30	DST-GOI	Dr Amit Gupta

PATENTS GRANTED

Title of Invention	Patent Number/ Application Number	Name of Inventor
A device and method to control head lights of vehicles as per behavior of eye vision	217743/829/DEL/2003	Dr. A. S. Buttar
A solution made photodiode	1750/DEL/2004	Dr. A. S. Buttar
A solution made phototransistor	1857/DEL/2004	Dr. A. S. Buttar
Wild intelligence: A novel intelligence as dog group wild chase & hunt drive (DGWCHD)	1965/DEL/2008	Dr. A. S. Buttar Dr. A. K. Goel, Dr. Shakti Kumar
Improved cash counting machine	201611011096	Dr. Amit Gupta
Breath Ventilator for Healthcare	331561-001	Dr. Rakesh Goyal
Hybrid renewable power platform: harvests wind, solar and water current power from running water-channel	332221-001	Dr. Rakesh Goyal
A Platform Independent Wide-Band Flexible Antenna Device For IoT Applications	2021105185	Dr. Rakesh Goyal Dr. Rakesh Kumar

SOME MAJOR PLACEMENTS (2019-2023)

Sr. No.	Student's Name	Company's Name and Annual Package
1	Aakash Sinha	Cognizant (4 LPA)
2	Abhinav Chauhan	Argusoft (7.2 LPA)
3	Abhishek Anand	Reality smartz (3 to 5 LPA)
4	Adarsh Kumar	Talent Serve (6 LPA), Cognizant (4 LPA)
5	Ankit	Cognizant (4 LPA), Schneider Electric (9 LPA)

Sr. No.	Student's Name	Company's Name and Annual Package
6	Anshuman	Talent Serve (6 LPA), Cognizant (4 LPA), Reality smartz (3 to 5 LPA)
7	Anukool Dadwal	Talent Serve (6 LPA), Reality Smartz (3 to 5 LPA), TCS (3.36 LPA)
8	Anushree Mazumdar	BirckRed (3.5 LPA)
9	Asmita Ray	Talent Serve (6 LPA), BrickRed (3.5 LPA), Zscaler (17 LPA)
10	Bhairavi Jai Singh	Talent Serve (6 LPA), Schneider Electric (9 LPA)
11	Deekshat Manhotra	Cognizant (4 LPA)
12	Dipayan Misra	Talent Serve (6 LPA)
13	Divya Shree Chandrana	Talent Serve (6 LPA)
14	Garima Chauhan	Cognizant (4 LPA)
15	Harshita Singh	Reality Smartz (3 to 5 LPA)
16	Hritik Kumar	Talent Serve (6 LPA), BrickRed (3.5 LPA)
17	Jyotirmay Jana	Talent Serve (6 LPA)
18	Komal Chaudhary	Talent Serve (6 LPA)
19	Mayan Anad	Talent Serve (6 LPA), Cognizant (4 LPA), BrickRed (3.5 LPA)
20	Mayank Mishra	Talent Serve (6 LPA)
21	Muskan Pathak	Talent Serve (6 LPA)
22	Pankaj Pandey	Talent Serve (6 LPA)
23	Pawan Chauhan	Cognizant (4 LPA), TCS (3.36 LPA)
24	Pooja Priyanka	Anedya (7LPA)
25	Pragati	TCS (3.36 LPA)
26	Praveen Singh	Siftsensor AI Pvt Ltd. (5.3LPA)
27	Rahul Ranjan	VVDN Technologies (4.2LPA)
28	Ranjeet Gupta	HDfC (3LPA)
29	Sahil Kumar	Department of Holistic Education (3LPA)
30	Suraj Kumar	Sky Trade (13.4LPA)
31	Suraj Maurya	CFT (4.8LPA)
32	Vishal Kumar	PlebC Innovation Pvt Ltd. (3.6LPA)
33	Vishnu Gupta	HM Code Lab (6LPA)
34	Vivek Kumar	BYJUS (7LPA)
35	Yogesh	TCS (3.36 LPA)

AWARDS/ACHIEVEMENTS OF STUDENTS

Student Name	Award/Achievement	Event
Rachit Kumar, Hritik	Project Hardware design	Cognizance, IIT Rorkee
Jaskaran Meet Kaur	Gold Medal	Inter Zonal Youth Festival
Jaskaran Meet Kaur	Bronze Medal	Zonal Youth Festival
Ms. Sonia & Mr. Tarun Kumar	3 rd Prize & Rs. 5000/- Cash	Project Model Display, Innotech, Pushpa Gujral Science City, Kapurthala
Mr. Sourav	3 rd Prize & Rs. 1500/- Cash	Quiz, Innotech, Pushpa Gujral Science City, Kapurthala
Dipanshu Patel	Qualified GATE 2023	GATE Exam 2023
Abhinav Chauhan, Prakhar Khare and Abhishek Yadav	2 nd Position	HackMOL4.0, Dr. B. R Ambedkar National Institute of Technology, Jalandhar
Raushan Kumar Bharti, Bikash Kumar, Jyoti and Swaraj Swain	1 st Prize and Rs. 1 lakh cash	IIT Roorkee
Rahul Ranjan	1 st Prize & Rs. 5100/- cash	GNA University, Phagwara

DEPARTMENT LABORATORIES



Communication Laboratory



Digital Circuit Logic Design Laboratory



Electronic Devices Circuits Laboratory



Digital Circuit Logic Design Laboratory



Simulation Laboratory



Institutional Training Session

EVENTS ORGANIZED



"Be like Engineer" Technical Competition to celebrate Engineers Day



"Be like Engineer" Technical Competition to celebrate Engineers Day



"Travel with Research" Visit to CSIR-CSIO Chandigarh, a premier National R & D Laboratory



"Mehndi ni Mehndi" Students in Jubilant mood after performing Gidda in cultural event

IKGPTU develops 'Sodhavani' for virus protection

TRIBUNE NEWS SERVICE

JALANDHAR, OCTOBER 18

In the pandemic situation, it is most important to keep ourselves disinfected. For this purpose, people are doing lot of things like washing hands and clothes repeatedly, but they are still at risk. A team of student-faculty of IK Gujral Punjab Technical University claims to provide a solution to the problem.

A student of BTech Electronics and Communication Engineering (ECE) Rachit Kumar, under the

The device will fumigate all commodities, which one brings from the market, even the eatables without harming its nutrition properties and also decontaminate our surroundings leaving no trace of virus

Students and teachers pose with the device. TRIBUNE PHOTO

guidance of Dr Rakesh Goyal, Assistant Professor, has made a device named 'Sodhavani'. This device will fumigate all commodities, which one brings from market, even eatables with-

out harming its nutrition properties and also decontaminate surroundings leaving no trace of virus.

University Vice-Chancellor Ramesh Kumar Ganta and Registrar Jaspreet Singh



congratulated the team. Sharing the technical part of device, Dr Goyal, Assistant Professor, ECE, said, "It has a quadruple fully automatic fumigate system that has two radiation chambers — first is

high radiation chamber for our basic commodities and second chamber is a low radiation chamber, which can be used to fumigate all eatable items without harming its nutrition properties."

"The last system of this device is air refiner, which can be used to refine or purify the polluted air of our surroundings. The device costs between ₹5,000 and ₹6,000. This device can be used in all places like houses, offices, cinema halls, religious places, hospitals, airport and railway stations because it is portable, cheap and loaded with fully intelligent modern technology," he shared. He confirmed that an application for patenting of the project had also been moved.

Jalandhar Tribune

Tue, 19 October 2021

<https://epaper.tribuneindia.com/c/63812712>



"Student-faculty team of ECE department develops Sodhavani" ECE department in News



"Yahan Ke Hum Sikander" Student Group photo



"Connect with Technology" FDP on Internet of Things



"Each year, freshers bring newness to the campus"



Fresher's Party Electro-Fiesta hosted for 2021-25 batch



"Kabhi Alvida na Kehna" Farewell Party VIGAM
hosted for 2018-22 batch



Faculty and Staff members of ECE Department

CONTACT FOR ADMISSION

Dr. Satvir Singh

Professor and Head of Department, ECE

Mobile No. – 9465884850

Email ID: - drsativir.in@gmail.com

Website: - <https://ptu.ac.in/electronics-communication-engineering/about/>

11. DEPARTMENT OF CIVIL ENGINEERING

The Civil Engineering is the oldest discipline dating back from 4000 B.C to 2000 B.C since the inception of Indus Valley Civilization to Great Pyramids in Egypt. Presently, the infrastructure development of Expressways, Train networking, Ports, Airports and Smart Cities is going on large scale worldwide. There is huge demand of Civil Engineers to create world class structures. The Department offers under Graduation Postgraduate and Research Programmes in Civil Engineering. The B.Tech course in Civil Engineering emphasizes various aspects of construction, design and development of buildings, highways, metro and smart cities. Interactive teaching with on- site exposure is provided in order to enable the students to apply their knowledge learnt in the classroom to construction projects. The department regularly organizes guest lectures by experts from industry, academic; research institutions. The Department encourages students to work for sustainable as well as development of society and nation. The Department emphasizes on learning and upgradation of various technical and professional skills with up-to-date software training and has well-established labs with advance software such as STAAD PRO, AutoCAD, etc. with unlimited licenses.

PROGRAMMES OFFERED

S. No.	Program Offered	Intake	Duration
1.	B. Tech. (Civil Engineering)	30	04 Years
2.	M. Tech. (Geotechnical Engineering)	18	02 Years
3.	M. Tech. (Civil) (Structural Engineering)	18	02 Years
4.	PhD in Civil Engineering	As per availability of slots	

***Lateral Entry to B.Tech. Course shall be allowed as per Punjab Govt./IKGPTU norms**

RESEARCH AREAS

- Ground Improvement
- Utilisation of MICP in Soils
- Geo Environmental Engineering
- Subgrade Improvement
- Soil Liquefaction
- Numerical Modelling
- Use of Geosynthetics
- Waste to Energy


FACULTY MEMBERS

Name	Designation	Experience	Specialization
Dr. Rajiv Chauhan	Associate Professor and Head	19 years	Geotechnical Engineering
Dr. Mrityunjay Jaiswal	Assistant Professor (Guest Faculty)	04 years	Geotechnical Engineering
Er. Lovepreet Singh	Assistant Professor (Guest Faculty)	07 years	Structural Design

RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

- Paper Presentations in National Conferences : 15
- Paper Presentations in International Conferences : 28
- Books/Book Chapters Published : 09
- Research Scholars Guiding (PhD) : 01
- Research Publications in National Journals : 13
- Research Publications in International Journals : 25
- Patents : 00
- Research Scholars Guided : 04

SOME MAJOR PLACEMENTS / INTERNSHIPS

Student Name	Organization	Company's Logo
Ashish Dubey 2023	Team Lease Services limited	
Amarjeet Kumar 2023	L&T Infra Engineering	
Kunal Mahajan Pradum Kumar	National Highway Authority of India Batch 2019-2023	
Harmandeep Singh Mantu Kumar	Department of Water supply and Sanitation, Punjab Batch 2020-2024	
Mahveer Panwar 2024	Airport Authority of India, New Delhi (NR)	
Shrey Sharma 2024	Larsen & Turbo	
Akhilesh Narayan Maurya	PWD	
Baran Bikash Das	Nagarjuna Const. Company Lmted.	
Akhil Sharma	HPPWD Bharwain Sub- Division Amb	
Rahul Prashar	SJVN Limited	
Yuvraj Gora	Enthral Engg Infrastructure & pvt ltd.	
Lovepreet	Punjab Mandi Board	
Parateek	National Institute of Comp. Education	
Naveen Sharma	HPPCL Renuka ji Dam	
Chandan Rathour	PWD Ghumarwin	

AWARDS / ACHIEVEMENTS OF STUDENTS

Student Name	Award/Achievement	Event	Month-Year
Harmandeep Singh	Qualified IELTS	Foreign Study	2024
Pawan Kumar	Qualified GATE	GATE Examination 2023	2023
Anshita Attri	Qualified IELTS	IELTS	2023
Harshdeep Singh	Qualified IELTS	IELTS	2023
Kunal Mahajan	Qualified IELTS	IELTS	2023

DEPARTMENT LABORATORIES



Computer Lab



Fluid Mechanics Lab



Geotechnical Lab



Concrete lab



Transportation Lab



Survey Lab



Environment Engineering Lab



Field visit of Geotechnical Lab

EVENTS ORGANIZED



TATA Steel Workso



Talk on Total Station by expertise.



Diwali celebration 2024



Friendly Cricket Match 2024



Survey Camp 2024



Delivery Talk on CSR and Sustainability at
DAV Hoshiarpur



Visit to Sewerage Treatment Plant Jalandhar



Technophilia 2024

CONTACT FOR ADMISSION

Dr. Rajiv Chauhan

Associate Professor and Head

Contact No. : 9465884852

Email ID : dr.rajivchauhan@ptu.ac.in

Website : <https://ptu.ac.in/civil-engineering/about/>

12. DEPARTMENT OF MANAGEMENT STUDIES

The Department of Management Studies aims to create a pool of world class socially responsible leaders who can meet the challenges of dynamic business environment and help to achieve the objective of inclusive growth of the world economy. The Department is pioneer in the use of case study method and other such experiential teaching tools to management education in the state. The campus has state-of-art infrastructure and class rooms, experienced core faculty with international exposure. The Department presently offers Management Programmes namely, Masters of Business Administration (MBA), Bachelor of Business Administration (BBA), and also PhD in the area of Marketing, Finance and Human Resources. The Department is all set to begin with short-term value-added courses in the area of Digital Marketing, Six Sigma, Health Care Management, Office Automation, Corporate Leadership etc. in the near future.

PROGRAMMES OFFERED

S. No.	Programme	Intake	Duration
1.	MBA	60	2 Years
2.	BBA	90	3 years
3.	PhD (Management)	As per availability of slots	As per UGC Guidelines

RESEARCH AREAS

- Customer Relationship Management
- Corporate Finance and Accounting
- Corporate Governance and Management
- Commodity and Derivative Markets
- Industrial Organizational Psychology
- Adoption of Mobile Technologies
- Corporate Disclosures
- CSR and Business Ethics
- Performance and Compensation Management
- Scale Development and Validation
- Risk Management and Reporting
- Forex Market
- Green HRM & Green Marketing
- Market efficiency

FACULTY MEMBERS

Name	Designation	Experience	Specialization
Dr. Harmeen Soch (HOD)	Professor & HoD	26 Years	Marketing Management
Dr. Kapil Gupta	Assistant Professor	18 years	Finance and Accounting
Dr. Mandeep Kaur	Assistant Professor	21 years	Finance
Dr. Pooja Mehta	Assistant Professor	18+ Years	Human Resource Management
Dr. Sanjeev Kumar Bansal	Assistant Professor	27 years	Accounting and Finance
Dr. Roopali Batra	Assistant Professor	21 years	Finance
Dr. Rajpreet Kaur	Assistant Professor	16 years	Human Resource Management

RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

- Paper Presentations in National Conferences - 136
- Paper Presentations in International Conferences - 143
- Research Publications in National Journals - 118
- Research Publications in International Journals - 114
- Books / Book Chapters Published - 153
- Projects Undertaken by Faculty - 3
- Research Scholars Guiding (PhD) - 13
- Research Scholars Guided (PhD) - 37 (Awarded)
- Research Scholars Guided (PG) - 413

PROJECTS UNDERTAKEN BY FACULTY

Project Title/Details	Sanctioned Amount	Funding Agency	Principal/Co-Principal Investigator
Construction and Standardization of Scale for Measuring the Customer Relationship Activity in an Organization.	INR 60,000	UGC	Principal Investigator-Dr. Harmeen Soch
Critical Success Factors and Driving Forces for Wireless Web Adoption – An Empirical Investigation of Indian and Canadian Consumers.	INR 623,700	UGC	Principal Investigator-Dr. Harmeen Soch
Price Discovery and Arbitrage Efficiency in the Indian Equity Futures and Cash Markets	Rs. 50000	NSE	Dr. Kapil Gupta, Dr. Balwinder Singh (Co – Principal Investigators)

SOME MAJOR TRAINING & PLACEMENTS

Student Name	Company
PLACEMENTS	
Muskan	INNOW 8
Sparsh Chaturvedi	Limra Group
Samriti Vashisht	Tynor Orthotics P. Ltd.
Aditi Thakur	Tynor Orthotics P. Ltd.
Manpreet Kaur	HDFC Bank Pvt. Ltd.
Ishan Chopra	Bajaj Allianz Life Insurance Co. Ltd.
Rajendra Kumar	Bajaj Allianz Life Insurance Co. Ltd.
Yashita	HDFC Bank, Kapurthala
SUMMER TRAINING	
Aditi	Verka
Aish Mahajan	Verka
Gursimranjeet Singh	Verka
Ishan Chopra	Verka
Kirandeep Kaur	Verka
Manpreet Kaur	Momjunction Private Limited
Manpreet Kaur	Verka
Muskan	TeamLease
Rajender Kumar	A. Singhi & Associates
Rozal	Solitaire Infosys
Samriti Vashisht	Verka
Shivansh Singh	Hindustan Aeronautics limited
Sparsh Chaturvedi	Bharat Coking Coal Limited (BCCL)

AWARDS/ACHIEVEMENTS OF STUDENTS

Student Name	Award/Achievement	Event/Institution	Month-Year
Upasna Seth (Senior Research Fellow)	Best Paper Award in Marketing Track for the Paper “Coping Strategies in the Aftermath of Brand Hate: The Moderating Effect of Gender Using The PLS-MGA”	IMSICON 2023: 14th International Conference on “Re-imagining Business Dynamics Digital Transformations in Disrupted World at Institute of Management Studies (IMS) Ghaziabad.	April, 2023
Upasna Seth (Senior Research Fellow)	3rd prize in poster-making competition	The Engineer's Day celebration hosted by the Department of Civil Engineering, IKGPTU	September, 2023

Student Name	Award/Achievement	Event/Institution	Month-Year
Upasna Seth (Senior Research Fellow)	1 st prize in poster-making competition	World Food Day competition organized by the Department of Food Science and Technology, IKGPTU	October, 2023
Upasna Seth (Senior Research Fellow)	1 st prize in poster contest	"World Environment Day" celebrated by the NSS Wing and the Department of Civil Engineering.	June, 2022
Mandeep Kaur (Senior Research Fellow)	Best Paper award	Paper titled "Estimating Hedging Effectiveness using Variance Reduction and Risk-Return approaches: Evidence from National Stock Exchange of India" under ' <i>CRISIL Doctoral Symposium 2016</i> ' during India Finance Conference-2016 held at IIM, Ahmedabad	December 2016
Pawan Kumar	Selected for Specialized PG (Economist of Finance)	Budapest University of Technology and Economics, Budapest (Hungary)	2021
Tapasya Behl (MBA 2 nd year)	Internship Assignment at Semarang, Indonesia	IKGPTU Youth Global Internship Programme	February 2019

EVENTS ORGANIZED / STUDENT ACTIVITIES

- Organised and arranged the educational tour of the over 4000 students of Schools from Kapurthala, Jalandhar, Phagwara, SBS Nagar and Pathankot during November, 2023 to March, 2024 by Centre for Extension and Outreach Activities, I. K. Gujral Punjab Technical University, Kapurthala.
- Conducted an event on National Voters' Day on January 25, 2024.
- Conducted an event on 'Mera Pehla Vote Desh Ke Liye' on March 13, 2024.
- Organised One Week National workshop titled 'Research Methodology and Data Analysis' in collaboration with Maharaja Agrasen University, Himachal Pradesh from September 23 to 28, 2024.
- Conducted an event on National Voters' Day on January 27, 2025.
- The department organized a Workshop on "Trips and Traps of Qualitative Data" for the faculty and research scholars on November 8, 2024. Dr. Sukhbir Sandhu, Director Research, Centre for Workplace Excellence, University of South Australia was the Resource Person for the workshop. She delivered two sessions in the workshop vi.z. 'Analysing Qualitative Data with Nvivo' and 'Publishing in Practitioner Journals'.
- An expert talk on "Misuses of Drugs and Drug De-Addiction" was organized on October 23, 2024. Dr. Rakesh Sharma, Navjeevan Kendra, De-addiction Centre, Civil Hospital, Kapurthala was the speaker for the seminar on Drug De-addiction. He discussed the damaging effects of various kinds of drugs on the human body.
- An expert talk on "Awareness of Traffic Rules" was organized on October 22, 2024. Retd. ASI, S. Gurbachan Singh District Kapurthala delivered the seminar. He discussed various traffic rules that must be observed for safe driving.
- An Expert Talk on the Topic of "Right to Information Act" was organized on January 31, 2023. Prof. (Dr.) Gurcharan Singh, Professor, School of Management Studies, Punjabi University, Patiala was the Resource Person for the session.
- A Farewell Party for students of MBA 4th semester, BBA 6th semester and BHMCT 8th semester was organized on April 19, 2023 with great fervour. The Department wished them good luck for all their future endeavours.
- Department organized an expert talk on "Retail Marketing" by Dr. Anand Thakur, HoD, Department of Financial Administration, Central University of Punjab, Bathinda on September 8, 2023 for students, faculty members of the Department.
- Department organized an expert talk on "Leveraging LinkedIn: A Roadmap to Career Success" by Ms. Priyanka Kaushik, Academician and Researcher on September 8, 2023 for students, faculty members of the Department.
- Workshop on House Keeping and Cleaning was Conducted by ECOLAB Housekeeping Cleaning Agent Company for Hotel Management Students on 27 September 2023.

- A Fresher's Party was organized on October 6, 2023 to give a warm welcome to the new comers in a friendly atmosphere and to encourage their creative impulses to boost their confidence.
- A seminar was organized on "Drug: Use & Misuse" on Nov 29, 2023 with the objective of raising awareness among students and faculty about the negative consequences associated with drug consumption. S. Daman Bir Singh, Assistant Commissioner of Police Jalandhar (North), Punjab was resource person for the event.
- The Department organized a seminar on "Traffic Rules & Awareness" in collaboration with Kapurthala District Traffic Police on Dec 1, 2023. ASI S. Gurbachan Singh delivered a talk on traffic signals, traffic rules and current laws and facts of road accidents.
- Mr. Vipin Kandwal, Centre Director, Time, Triumphant Institute of Management Education Pvt. Ltd, Jalandhar delivered a talk on GMAT and CAT to our students, faculty members of Management and other departments of University on October 14, 2022.
- Students of BBA (Batch 2021-24) of the Department successfully completed the NCC CATC Camp at NIT, Jalandhar on October 6-13, 2022.
- The Department has constituted seven students' clubs viz. Photography Club, Nature and Environment Conservation Club, Literary Club, Creative Arts Club, Recreation and Sports Club, Performing Arts Club and Bird Watching Club for wholistic development of the students. Faculty members of the Department coordinate functioning of these clubs. Students participate in various activities of the club with great enthusiasm and zeal.

DEPARTMENT LABORATORIES



Computer Lab of Department

GLIMPSES OF EVENTS ORGANISED AND STUDENTS' ACTIVITIES OF DEPARTMENT



Educational Tour of students of Schools from Kapurthala, Jalandhar, Phagwara, SBS Nagar and Pathankot



National Voters' Day celebrated on January 24, 2024



Mera Pehla Vote Desh Ke Liye on March 13, 2024



One Week National workshop on 'Research Methodology and Data Analysis' from September 23 to September 28, 2024



Expert Talk on the Misuse of Drugs and Drug De-Addiction (23-10-2024)



National Voters' Day Celebrated on January 27, 2025



Expert Talk on Awareness on Traffic Rules (22-10-2024)



Session 1 of Workshop on Trips and Traps of Qualitative Data (8-11-2024)
'Analysing Qualitative Data with NVivo'



Session 2 of Workshop on Trips and Traps of Qualitative Data (8-11-2024) - 'Publishing in Practitioner Journals'.



Seminar on Use & Misuse of Drugs



Seminar on Traffic Rules



Expert Talk on Retail Marketing



Expert Talk on Leveraging LinkedIn



Expert Talk on the Topic of RTI in January 2023



Students of BHMCT Participated in Food Craft Mela Punjab



Expert Talk on Preparation for Competitive Exams



Workshop on Housekeeping and Cleaning

Farewell Party Organized by the Department



Freshers' Party Organized by the Department



आईकेजी-पीटीयू के मैनेजमेंट एंड हॉस्पिटेलिटी विभाग की रही शत-प्रतिशत प्लेसमेंट

संवाद न्यूज एजेंसी

कपूरथला। आईके गुजराल पंजाब टेक्निकल यूनिवर्सिटी (आईकेजी-पीटीयू) मुख्य कैम्पस के मैनेजमेंट एंड हॉस्पिटेलिटी डिपार्टमेंट की साल 2022-23 की कैम्पस प्लेसमेंट एवं स्टूडेंट्स ट्रेनिंग शत-प्रतिशत रही है।

मैनेजमेंट एंड हॉस्पिटेलिटी विभाग के विद्यार्थियों को पीएनबी मेटलाइफ एवं होटल ट्राइडेंट जयपुर की ओर से बेहतर पैकेज पर भर्ती किया गया है। विभाग के विद्यार्थियों का 4 और 5 सितारा होटलों में छह महीने के

औद्योगिक प्रशिक्षण के लिए भी सौ फीसदी प्लेसमेंट हुआ है, ये विद्यार्थी बीएचएमसीटी के हैं।

एमबीए के छात्रों का चयन बीसीसीएल झारखंड, बेरका मिल्क प्लांट जालंधर, टीमलोज सर्विसेज लिमिटेड नई दिल्ली, इंकनट डिजिटल हैदराबाद, सॉलिटोर इंफोसिस मोहाली, एचएएल आदि जैसी प्रतिष्ठित कंपनियों में औद्योगिक प्रशिक्षण के लिए हुआ है। यह जानकारी डिपार्टमेंट की हेड प्रोफेसर डॉ. हरमोन सोच की तरफ से जारी की गई है। इससे पहले इस विभाग के छात्रों को इंडोनेशिया में

अल्पकालिक कार्यक्रमों के लिए चुना जा चुका है और वे यूरोप तथा कनाडा में भी आगे की पढ़ाई कर रहे हैं।

इन पीएचडी स्टूडेंट्स के संदर्भ में यूनिवर्सिटी को 4 करोड़ रुपये की सहायता भी विभिन्न रेगुलरिटीज से मिली है। उन्होंने बताया कि वर्तमान में विभाग को कुछ शेष सीटों पर दाखिले चल रहे हैं, जिनमें बीबीए, बीएचएमसीटी और एमबीए शामिल हैं। किसी भी प्रवेश या विभाग संबंधी पूछताछ के लिए डॉ. मंदीप कौर से 94780 98056 पर संपर्क किया जा सकता है।

CONTACT FOR ADMISSION

Dr. Harmeem Soch

Professor and Head of Department

Mobile No: 94780-98051

Email ID: harmeensoch@ptu.ac.in

Website: <https://ptu.ac.in/management/about/>

13. DEPARTMENT OF HOTEL MANAGEMENT

The Department of Hotel Management aims to create a pool of world class socially responsible leaders who can meet the challenges of dynamic business environment and help to achieve the objective of inclusive growth of the world economy. The campus has state-of-art infrastructure and classrooms, experienced core faculty with international exposure. The Department also caters the technical and professional requirement of the globalized hospitality industry by imparting world-class training in Hotel Management and Catering Technology to students who wish to excel and create benchmark in this glamorous profession. The graduates of hotel management courses have the option to join catering establishments, restaurants, hotels and can become entrepreneurs in hotel management industries. The Department presently offers Hotel Management Programmes, Bachelor of Hotel Management & Catering Technology (UGC).

PROGRAMMES OFFERED

S. No.	Programme	Intake	Duration
1.	Bachelor of Hotel Management & Catering Technology (BHMCT) (UGC)	30	4 years

RESEARCH AREAS

- Trends in Hospitality and Tourism
- Sustainable Tourism and Green Hotel Practices
- Customer Experience and Service Excellence
- Technology in Hotel Management
- Revenue Management and Pricing Strategies
- Hospitality Marketing and Social Media
- Human Resources and Employee Motivation
- Crisis Management and Business Continuity
- Hotel Branding and Market Positioning
- Hotel Operations and Process Improvement

FACULTY MEMBERS

Name	Designation	Experience	Specialization
Dr. Harmeen Soch (HOD)	Professor & HoD	26 Years	Marketing Management
Sunil Kumar	Assistant Professor	6 years	Front Office (Hotel Management)
Ekta Raj	Assistant Professor	5 years	Food Production & food and beverage service (Hotel Management)
Priya Gill	Assistant Professor	4 years	Food and Beverage Service & Front Office
Kunal Bounthiyal	Assistant Professor	1.6 years	Housekeeping (Hotel Management)

SOME MAJOR TRAINING & PLACEMENTS

Student Name	Company
Brinderjit Kaur	Hotel Trident Jaipur
Diksha	Trident
Divya Handa	McDonald
Adarsh Yadav	Fairfield by Amritsar
Ankit Kumar Jha	Hyatt Regency Amritsar
Diwanshu	Novotel Hotel Chandigarh
Preet Gill	Hyatt Regency Amritsar
Pritpal Singh	Hyatt Regency Amritsar
Rhythm Bhandari	Novotel Hotel Chandigarh
Sanjana Kumari	Novotel Hotel Chandigarh
Tawinder Rani	Novotel Hotel Chandigarh
Vishal Kumar	Hyatt Regency Amritsar
Akash, Amrit, Shivam Kumar, Sonamdeep Kaur, Silvia Randhawa	Fairmont Jaipur
Brinderjit Kaur, Tanu, Priya	The Leela Palace Jaipur
Raman Kumar	The Leela Ambience Convention Hotel Delhi
Rajwinder Kaur	Radisson Jalandhar

Student Name	Company
Karan Sharma	Best Western Kapurthala
Kashyap	Radisson
Arsheen	Radisson
Pankush	Radisson
Shaveta	Radisson
Anmolpreet Kaur	Hyatt Regency
Radhika	Radisson
Sharnjeet Kaur	Hyatt Regency
Karan Sharma	Best Western Kapurthala
Ajay Kumar	Radisson, Jalandhar
Anmolpreet Kaur Malpotra	Radisson, Jalandhar
Ashish	Sarovar, Jalandhar
Keshav	Mementos By ITC Hotels, Jaipur
Subhash Kumar	The Lalit, Chandigarh
Gagandeep Singh	Wyndham Chandigarh Mohali Club
Diksha	Trident Hotel, Udaipur
Avinash Bhotam	M 1Hotel
Pratham Sehgal	Wyndham Chandigarh Mohali Club
Jashandeep Singh	M 1Hotel
Birbal Khan	M 1Hotel
Divya Handa	Ramada by Wyndham
Karan Angural	Days Hotel By Wyndham

EVENTS ORGANIZED / STUDENT ACTIVITIES

- An Expert Talk on the Topic of “Right to Information Act” was organized on January 31, 2023. Prof. (Dr.) Gurcharan Singh, Professor, School of Management Studies, Punjabi University, Patiala was the Resource Person for the session.
- A Farewell Party for students of MBA 4th semester, BBA 6th semester and BHMCT 8th semester was organized on April 19, 2023 with great fervour. The Department wished them good luck for all their future endeavours
- Department organized an expert talk on “Leveraging Linkedin: A Roadmap to Career Success” by Ms. Priyanka Kaushik, Academician and Researcher on September 8, 2023 for students, faculty members of the Department.
- Workshop on House Keeping and Cleaning was Conducted by ECOLAB Housekeeping Cleaning Agent Company for Hotel Management Students on 27 September 2023.
- A Fresher's Party was organized on October 6, 2023 to give a warm welcome to the new comers in a friendly atmosphere and to encourage their creative impulses to boost their confidence.
- A seminar was organized on "Drug: Use & Misuse" on Nov 29, 2023 with the objective of raising awareness among students and faculty about the negative consequences associated with drug consumption. S. Daman Bir Singh, Assistant Commissioner of Police Jalandhar (North), Punjab was resource person for the event.
- The Department organized a seminar on “Traffic Rules & Awareness” in collaboration with Kapurthala District Traffic Police on Dec 1, 2023. ASI S. Gurbachan Singh delivered a talk on traffic signals, traffic rules and current laws and facts of road accidents.
- Mr. Vipin Kandwal, Centre Director, Time, Triumphant Institute of Management Education Pvt. Ltd, Jalandhar delivered a talk on GMAT and CAT to our students, faculty members of Management and other departments of University on October 14, 2022.
- The Department has constituted seven students' clubs viz. Photography Club, Nature and Environment Conservation Club, Literary Club, Creative Arts Club, Recreation and Sports Club, Performing Arts Club and Bird Watching Club for wholistic development of the students. Faculty members of the Department coordinate functioning of these clubs. Students participate in various activities of the club with great enthusiasm and zeal.

DEPARTMENT LABORATORIES



KITCHEN LAB



FUN WITH FOOD



KITCHEN LAB WITH STUDENTS



KITCHEN LAB With 2nd SEM Students



4th SEM Students Practical LAB



Pizza made from scratch in kitchen lab



Cookies and walnut Brownie



Indian Kitchen Practical



Manchow Soup



Contantial Dishes



Chicken Biryani made by students in kitchen lab



Egg Preparation by 2nd Sem Students



Egg Preparation in Kitchen Lab



Shahi Tukra



Russian Salad



Food and Beverage Practical



Food and Beverage Practical Lab



GLIMPSES OF EVENTS ORGANISED AND STUDENTS ACTIVITIES OF DEPARTMENT



Seminar on Use & Misuse of Drugs



Seminar on Traffic Rules



Expert Talk on Retail Marketing



Expert Talk on Leveraging LinkedIn



Expert Talk on the Topic of RTI in January 2023



Students of BHMCT Participated in Food Craft Mela Punjab



Expert Talk on Preparation for Competitive Exams



Workshop on Housekeeping and Cleaning



Students' participation in Everest Better Kitchen Culinary Challenge Season 4 organized at CGC Landran on 30th November 2022



Students' participation at Food & Nutrition Show held on March 26, 2023 at Pushpa Gujral Science City Kapurthala

Freshers' Party Organized by the Department



Farewell Party Organized by the Department



आईकेजी-पीटीयू के मैनेजमेंट एंड हॉस्पिटेलिटी विभाग की रही शत-प्रतिशत प्लेसमेंट

संवाद न्यूज एजेंसी

कपूरथला। आईके गुजराल पंजाब टेक्निकल यूनिवर्सिटी (आईकेजी-पीटीयू) मुख्य कैंपस के मैनेजमेंट एंड हॉस्पिटेलिटी डिपार्टमेंट की साल 2022-23 की कैंपस प्लेसमेंट एवं स्टूडेंट्स ट्रेनिंग शत-प्रतिशत रही है।

मैनेजमेंट एंड हॉस्पिटेलिटी विभाग के विद्यार्थियों को पीएनबी मेटलाइफ एवं होटल ट्राइडेंट जयपुर की ओर से बेहतर पैकेज पर भर्ती किया गया है। विभाग के विद्यार्थियों का 4 और 5 सितारा होटलों में छह महीने के

औद्योगिक प्रशिक्षण के लिए भी सौ फीसदी प्लेसमेंट हुआ है, ये विद्यार्थी बीएचएमसीटी के हैं।

एमबीए के छात्रों का चयन बीसीसीएल झारखंड, वेरका मिल्क प्लांट जालंधर, टीमलीज सर्विसेज लिमिटेड नई दिल्ली, इंकनट डिजिटल हैदराबाद, सॉलिटैयर इंफोसिस मोहाली, एचएएल आदि जैसी प्रतिष्ठित कंपनियों में औद्योगिक प्रशिक्षण के लिए हुआ है। यह जानकारी डिपार्टमेंट की हेड प्रोफेसर डॉ. हरमीन सोच की तरफ से जारी की गई है। इससे पहले इस विभाग के छात्रों को इंडोनेशिया में

अल्पकालिक कार्यक्रमों के लिए चुना जा चुका है और वे यूरोप तथा कनाडा में भी आगे की पढ़ाई कर रहे हैं।

इन पीएचडी स्टूडेंट्स के संदर्भ में यूनिवर्सिटी को 4 करोड़ रुपये की सहायता भी विभिन्न रेगुलरिटीज से मिली है। उन्होंने बताया कि वर्तमान में विभाग की कुछ शेष सीटों पर दाखिले चल रहे हैं, जिनमें बीबीए, बीएचएमसीटी और एमबीए शामिल हैं। किसी भी प्रवेश या विभाग संबंधी पूछताछ के लिए डॉ. मंदीप कौर से 94780 98056 पर संपर्क किया जा सकता है।

CONTACT FOR ADMISSION

Dr. Harmeen Soch

Professor and Head of Department

Mobile No: 94780-98051

Email ID: harmeensoch@ptu.ac.in

Website: <https://ptu.ac.in/management/about/>

IKGPTU CAMPUS, AMRITSAR



Prof. (Dr.) Ashish Arora
Director-IKGPTU Amritsar Campus
Email: dr.ashish10@hotmail.com
Mobile:+91-946-588-4849

BRIEF ABOUT CAMPUS

The I.K. Gujral Punjab Technical University (IKGPTU) Amritsar Campus is a premier campus for technical education located in the vibrant city of Amritsar, Punjab, India. Established in 2014, IKGPTU Amritsar Campus stands as a beacon of excellence, dedicated to delivering top-tier technical education to a diverse array of students and communities. With state-of-the-art infrastructure, modern facilities, and a dynamic learning environment, IKGPTU Amritsar Campus nurtures innovation, research, and entrepreneurship among its students. Driven by dedicated team of experts, the campus emphasizes holistic development, critical thinking, and problem-solving skills, preparing students to become future leaders and innovators.

SALIENT FEATURES

- Government Campus imparting Courses in Computer Engineering, Computer Applications and Business Administration in Amritsar District.
- Ultra-Modern Building with state-of-the-art infrastructure.
- Tuition fee waiver scheme for meritorious students as per university rules.
- Post Matric Scholarships for SC/ST students as per Punjab Government rules.
- Student Centric Enthusiastic Environment.
- Well Qualified and Experienced Faculty.
- A student friendly campus with discipline and safety.
- Placements in various leading Multi-National Companies.
- Well Equipped Laboratories and Air-Conditioned Classrooms.

PROGRAMME(S) OFFERED

Programme	Intake	Duration
B.Tech. (Computer Science & Engineering) *	120	04 years
B.Tech. (Mechanical Engineering) *	30	04 years
Bachelor of Computer Applications (BCA) *	60	03 years
Bachelor of Business Administration (BBA)	30	03 years

**Lateral Entry to B.Tech., & BCA courses shall be allowed as per Punjab Govt./IKGPTU norms.*

CAMPUS FACULTY AND STAFF MEMBERS



Name	Designation	Experience	Specialization
Dr. Ashish Arora	Professor & Director	22 Years	Continuum Mechanics, Seismology, History of Indian Mathematics
Dr. Amit Sarin	Professor	22 Years	Renewable Energy and Materials Science
Dr. Mirgender Singh Bedi	Assistant Director	15 Years	Business Administration & Human Values
Dr. SBS Kalsi	Assistant Professor	23 Years	Surface Engineering and Cold Spray Coating
Dr. Vikramjeet Singh	Assistant Professor	18 Years	Optimization Techniques and Inventory Models, Differential Equation
Dr. Prabhkiran Kaur	Assistant Professor	15 Years (Teaching) 6 Years (Industry)	Materials and Metallurgy, Tribology and Adhesive wear
Dr. Vipul Sharma	Assistant Professor	13 Years	Artificial Intelligence, Medical Image Processing, Software Engineering
Dr. Shashi Bahl	Assistant Professor	20 Years (Teaching) 01 Year (Industry)	CAD/CAM & Robotics

RESEARCH AREAS

- Renewable Energy and Materials Science
- Artificial Intelligence
- Materials and Metallurgy
- Optimization Techniques and Inventory Models
- Surface Engineering
- Tribology and Adhesive wear
- Metal Matrix Composites
- Cold Spray Coating
- History of Indian Mathematics
- Differential Equation
- Wireless Sensor Networks
- Software Engineering
- Continuum Mechanics, Seismology
- Thin Film Solar Cells

RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

- Paper Presentations in National Conferences - 14
- Paper Presentations in International Conferences - 84
- Books/Book Chapters Published - 26
- Projects Undertaken by Faculty - 07
- Research Scholars Guiding (PhD) - 10

- Research Publications in International Journals - 176
- Research Scholars Guided (PG) - 23
- Research Publications in National Journals - 05
- Patents - 02
- Research Scholars Guided (PhD) - 10

PROJECTS UNDERTAKEN BY FACULTY

Project Title / Details	Sanctioned Amount	Funding Agency	Principal / Co-Principal Investigator
Physico chemical characterization of methyloleate methyl palmitate blend as a model system for jatropha biodiesel	27 Lakhs	Science and Engineering Research Board, New Delhi	Dr. Amit Sarin
'Wave propagation in Porous Media', Department of Science and Technology (DST), No. SR/SM/MS:469/07, (Completed).	02 Lakh	DST	Dr. Ashish Arora
'Waves in composite solid matrix saturated by multiple fluids', CSIR, No. 25(0243)/15/EMR-II, (On going)	20 Lakh	CSIR	Dr. Ashish Arora
Mathematical and Philosophical Foundations of Ancient Indian Yantras', ICPR No. 4-16/2018- 2019/P&R/ICPR	02 Lakh	ICPR	Dr. Ashish Arora

PATENTS PUBLISHED

Title of Invention	Patent Number/ Application Number	Name of Inventor
Compact Server with IoT	The Patent Application No. 374761-001, Dated: 28/11/2022	Dr. Vikramjeet Singh
Artificial Intelligence enabled accident notifying device for vehicles	The Patent Design No. 361768-001, Dated: 01/04/2022	Dr. Vipul Sharma

SOME MAJOR PLACEMENTS

Student Name	Company
Mr. Gaurav Dadwal	BYJU'S
Mr. Reshav Thakur	BYJU'S
Mr. Sanjay Kumar Saha	Cognizant
Mr. Anuj	Indian Post
Mr. Gaurav Davesar	Parishram Resources Pvt. Ltd.
Ms. Gurjeet Kaur	Alliance Ecommerce
Mr. Shivani Sharma	Covalience India Pvt. Ltd.
Mr. Simranjeet Singh	Tata Consultancy Services Ltd.
Mr. Ankit Srivastav	Heads pin Technologies Pvt. Ltd.
Mr. Sukhdev Singh	HDB Financial Services Limited
Mr. Aashish Kumar	8848 Digital LLP
Mr. Parminder Singh	MYND Integrated Solutions Pvt. Ltd.
Mr. Abhishek Kumar	Cognizant
Mr. Ritik Jamre	Cognizant
Mr. Mahendra Yadav	Cognizant
Mr. Anand Chaurasiya	Cognizant
Mr. Saurav Kumar Mishra	Cognizant
Mr. Gubbala Divya Ravi Raj	Cognizant
Mr. Akash Kumar Singh	Cognizant
Mr. Nilesh Kumar	Smart Data
Mr. Abhishek	Smart Data

Student Name	Company
Mr. Giridhari Kumar Jha	Smart Data
Mr. Anuraag Kumar Mishra	Hoping Minds
Mr. Shivam Srivastava	Solitaire Infosys
Ms. Manpreet Kaur	Solitaire Infosys
Mr. Ankush Joshi	Solitaire Infosys
Ms. Varsha Priya	Hike Education
Ms. Gurpreet Kaur	Hike Education
Mr. Paraspreet Singh	Emicon
Mr. Husanpreet Singh	Emicon
Mr. Sahib Singh	Emicon
Ms. Akanchha Srivastav	Schneider Electric
Mr. Ashmit Singh	Oriental Carbon and Chemicals Pvt. Ltd.
Mr. Sukunj Dev Arya	Larsen and Turbo
Mr. Kiran Kumar	Intellipaath
Mr. Sovan Majumder	Tata Consultancy Services (TCS)
Mr. Ashmeet Singh	OCCL
Mr. Sukunj Dev Arya	Larsen & Turbro (L & T)
Ms. Tripti Pathak	ASDIC MARINE PVT. LTD
Mr. Paras	PIE InfoTech
Mr. Raghav Trikhia	Grazitti Interactive
Mr. Lakshay Kumar	Pisoft Informatics Pvt. Ltd.
Mr. Mantripat Singh	Pisoft Informatics Pvt. Ltd
Mr. Alok Singh	PIE InfoTech

DEPARTMENT LABORATORIES



Computer Applications Laboratory



Communication Skills Laboratory



Mechanical Workshop



Refrigeration and Air Conditioning Laboratory



Theory of Machine Laboratory



Mechanical Measurement and Metrology Laboratory



Engineering Physics Laboratory



Engineering Chemistry Laboratory

EVENTS ORGANISED

University participated in PITEX an International Trade Expo: Our stall hummed with excitement as visitors delved into our Incubation Center, witnessing the metamorphosis of ideas into impactful realities. IKGPTU Vice Chancellor Dr. Mittal praised the university's efforts at PITEX 2023, where thousands of visitors engaged with the university's stall.



"Future Career Prospects in Technical Education": Seminar for Principals of Government Senior Secondary Schools to explore the potential of technical education in shaping the future careers of students.



Children Science Congress: The campus successfully organized the "Children Science Congress" to promote scientific curiosity and innovation among senior secondary students, attracting over 250 participants from 40 schools.



Workshop on Life Enrichment Skills: A workshop on life enrichment skills, featuring speakers from Hare Krishna Movement Punjab, focused on spirituality and various life skills for students.



ANNUAL SPORTS MEET 2025 AMRITSAR CAMPUS



Amritsar Campus celebrated International Yoga Day with great enthusiasm and participation. The event was aligned with this year's Yoga Day theme, 'Yoga for Vasudhaiva Kutumbakam,' effectively encapsulating our collective aspiration for 'One Earth, One Family, and One Future.' The occasion saw the active involvement of students from the Amritsar Campus creating a sense of unity and shared purpose.



Freshers' Party - 'Shubhaaroohan 2.0':

A freshers' party was organized to welcome new students to campus



Happiness Program to promote physical and mental well-being of students



Mr. Yash Pradhan, a student of B.Tech CSE selected for Pre Republic Day Camp in Phagwara.



Students performing Bhangra at Inter Zonal Youth Festival – North Zone



Students performing Giddha at Inter Zonal Youth Festival – North Zone

STUDENT ACHIEVEMENTS

- **Yash Pradhan student selected for Tech-Policy Boot Camp at ISB Mohali**

Yash Pradhan, a B.Tech. Computer Science and Engineering student, was selected for the prestigious Tech-Policy Boot Camp at ISB Mohali.

- **Manveen Kaur student selected to visit IIT Bombay under Yuva Sangam Program**

Manveen Kaur, a B.Tech. Computer Science and Engineering student, from IKGPTU Amritsar Campus, was selected to visit IIT Bombay under the Yuva Sangam program by the Government of India

- **Kiran Kumar, B.Tech. CSE student, Showcases Ground-breaking Concept at G20 Summit, held at Khalsa College Amritsar**

Kiran Kumar, a B.Tech. CSE student, presented his innovative startup "Rewheel" at the G20 Summit held at Khalsa College Amritsar.

- **Student of B.Tech. CSE got admission to M.Tech. Programme in Artificial Intelligence at Indian Institute of Technology (IIT), Patna**

Student of B.Tech. CSE Bharat Singh Chauhan got admission to M.Tech. Programme in Artificial Intelligence at Indian Institute of Technology (IIT), Patna. Pursuing a master's degree in such a prestigious institution is a significant achievement.

- **Rahul Kumar, student of B.Tech. Computer Science cleared the GATE (Graduate Aptitude Test in Engineering) Examination with Gate Score - 578 and All India Rank 1694**

Rahul Kumar, a B.Tech. Computer Science student, successfully passed the Graduate Aptitude Test in Engineering (GATE) with a Gate Score of 578, securing an All-India Rank of 1694. Rahul Kumar is presently pursuing an M.Tech. in Computer Science and Engineering at IIT Kanpur.

- **Pre RD-Camp Selection**

One of Student of NSS Unit Ishrat from BCA batch 2021 was selected in prestigious National Pre RD-Camp.

- **Adventure Camp Selection**

Two Student of NSS unit Danish and Rohit were selected for National Adventure camp in Hapkoti Trek, Himanchal Pradesh. Student learned about national Integrity and Unity by completing camp among volunteers from various units of India.

CONTACT US :

Director, IKGPTU Amritsar Campus Dr. Ashish Arora (+91-94780-98067)	Deputy Registrar, IKGPTU Amritsar Campus Mr. Saurabh Sharma (+91-94780-98037)
<u>Admission Coordinators</u> Department of Computer Science & Engineering (CSE) Dr. Vipul Sharma (+91-81460-00911) Department of Mechanical Engineering (ME) Dr. Parbhikiran Kaur (+91-95923-06235) Department of Computer Applications (BCA) Dr. Vikramjeet Singh (+91-99886-00780) Bachelor of Business Administration (BBA) Dr. Amit Sarin (+91-98729-98760)	Address: IKGPTU Amritsar Campus, Inside Government Polytechnic College, Polytechnic Road, P.O. Chheharta, Amritsar, Punjab – 143105 General Enquiry and Admission Helpline ✉ campus.amritsar@ptu.ac.in https://amritsar.ptu.ac.in/

IKGPTU BATALA CAMPUS



(Prof.) Dr. Ashish Arora
Director, IKGPTU Batala Campus
Email: dr.ashish10@hotmail.com
Mobile: +91-946-588-4849

BRIEF ABOUT CAMPUS

The IKGPTU Batala Campus offers a unique opportunity to minority, lower-income, and border area students, enabling them to access quality education that they might otherwise find financially out of reach. Situated close to border regions, it eliminates the need for lengthy commutes, making technical education more accessible to students in these areas. The institution endeavors to equip students with the knowledge and skills required to thrive in a modern society, providing insights into technological advancements in both technology and management fields, thus preparing them for success in professional settings.

As part of its overarching mission, the University is committed to extending quality education to rural areas and marginalized communities. Featuring cutting-edge infrastructure, contemporary amenities, and a dynamic learning atmosphere, IKGPTU Batala Campus fosters innovation, research, and entrepreneurial spirit among its students. Facilitated by a dedicated team of faculty members who are experts in their fields, the campus prioritizes holistic development, critical thinking, and problem-solving abilities, molding students into future leaders and innovators in their respective fields.

SALIENT FEATURES

- Ultra-Modern Building with state-of-the-art infrastructure.
- Post Matric Scholarships for SC/ST students as per Punjab Government rules.
- Student Centric Enthusiastic Environment.
- Well Qualified and Experienced Staff.
- Faculty with Ph.D. qualifications
- Affordable fee structure
- A student friendly campus with discipline and safety.
- Placements in various leading Multi-National Companies.
- Sports facilities and well-equipped labs.

PROGRAMME(S) OFFERED

Programme	Intake	Duration
Bachelor of Business Administration (BBA)	30	03 years
Bachelor of Computer Applications (BCA)	60	03 years

**Lateral Entry to BCA course shall be allowed as per Punjab Govt./IKGPTU norms.*

CONTACT US:

Director, IKGPTU Batala Campus Dr. Ashish Arora (+91-94780-98067)	Campus Coordinator, IKGPTU Batala Campus Dr. Rajeev Bedi (+91-76961-68094)
Admission Helpdesk: Sh. Tarsem Sharma (+91-99144-69115)	Address: IKGPTU Batala Campus, Kahnuwan Road, Batala, District: Gurdaspur, 143505 Email: director.pitbatala@gmail.com Website: https://ptu.ac.in/batala-campus/

IKGPTU CAMPUS, HOSHIARPUR



Prof. (Dr.) Yadwinder Singh Brar
Director
IKGPTU Hoshiarpur Campus
Email: ysbrar@ptu.ac.in
Mobile: +91-94780-98054

Brief about Campus

IKGPTU, Hoshiarpur Campus formerly known as "Punjab Institute of Technology, Hoshiarpur" was established in the year 2013 under the aegis of I.K. Gujral Punjab Technical University, Kapurthala. A land of 22.7 acre was allocated on lease for the establishment of this Institute in the premises of Pt. J.R. Govt. Polytechnic College, Hoshiarpur. This institute is planned with the vision to spread quality education in the region which is vastly covered by the Kandi area. This campus is committed to the cause of excellence in higher education in the field of Engineering, Technology and Management. The IKGPTU, Hoshiarpur Campus will provide the opportunity to minorities and lower income students who otherwise has the talent but could not afford the expensive education. It will make them familiar with the needs of the modern society and teach them the technical advancements in the field of Engineering and Technology, to make them succeed in the professional environment.

The institute is located in the heart of the city making it easily accessible to students. It is an academic autonomous institute. It has well equipped library and labs. It has experienced PhD faculty members. There is no fee from eligible SC students under Post Matric Scholarship Scheme. Scholarships for minority students are also available. There is Chief Minister Scholarship Scheme for meritorious students. Separate Hostel for boys and girls are available.

PROGRAMME(S) OFFERED (AS PER 2025-26)

Programme	Intake	Duration
B.Tech Computer Science & Engineering	90*	4 Years
B.Tech Mechanical Engineering	30*	4 Years
B.Tech. Civil Engg.	30*	4 Years
Bachelor of Computer Applications	90*	3 Years

**Lateral Entry to B.Tech. & BCA courses shall be allowed as per Punjab Govt./IKGPTU Norms*

CAMPUS FACULTY, OFFICERS AND STAFF MEMBERS

Name	Designation	Experience	Specialization
Faculty			
Prof. (Dr.) Yadwinder Singh Brar	Professor & Director	33 Years	Electrical Engg., Power System
Dr. Sunil K Mahla	Assistant Professor	25 Years	Thermal Engg, IC Engines & Biofuels
Dr. Amit Handa	Assistant Professor	21Years	Machine Design, Friction Welding
Dr. Amit Bansal	Assistant Professor		Surface Coating
Dr. Brijesh Bakariya	Assistant Professor	13 Years	Data Mining, Machine Learning, Image Processing
Dr. Kulwinder Singh Parmar	Assistant Professor	15 Years	Time Series, Mathematical Modelling, Soft Computing, Artificial Neural Networks, Wavelets, Statistics
Dr. Sonu Bala Garg	Assistant Professor	21 Years	Control Systems & Data Mining
Dr Rinku Walia	Assistant Professor	18 Years	Environment Engg
Deputy Registrar			
Sh. Gaganjot Singh	Deputy Registrar	15 Years	Economics, Agricultural

RESEARCH AREAS

- Thermal Engg.
- Image Processing
- Wavelet Analysis
- Welding Technology
- Neural Networking
- Mathematical Modelling
- Design Engineering
- Fuzzy Mathematics
- Networking Control System
- Biofuels
- Time Series
- Applied Statistics
- Industrial Engg.
- Optimization Techniques
- Soft Computing
- Materials Engg.
- Network Security
- Water & Waste Water
- CAD/CAM
- Data Mining
- Machine Learning
- Applied Mathematics

RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE (IN LAST 5 YEARS)

- Paper Presentations in National Conferences - 10
- Paper Presentations in International Conferences - 10
- Books/Book Chapters Published - 15
- Projects Undertaken by Faculty - 05
- Research Scholars Guiding (PhD) - 10
- Research Publications in International Journals - 110
- Patents - 03

PROJECTS UNDERTAKEN BY FACULTY

Project Title / Details	Sanctioned Amount	Funding Agency	Principal / Co-Principal Investigator
Studies on Combustion, Performance and emission characteristics of diesel engine fueled with Biodiesel and Biogas	19,20,000	Science and Engineering Research Board, New Delhi	Dr. SK Mahla Principal Investigator
Reforming of Biogas for Hydrogen Production & its utilization in CI Engine under dual fuel mode	38,95,000	MNRE	Dr. SK Mahla Co-Principal Investigator

Project Title / Details	Sanctioned Amount	Funding Agency	Principal / Co-Principal Investigator
Mathematical Modeling of the atmospheric air pollution over severely polluted coal mines region in India using time series, wavelet analysis, and soft computing techniques	6.60 Lacs	Science and Engineering Research Board (SERB), Ministry of Science and Technology, Govt of India, New Delhi.	Dr. Kulwinder Singh
Rain water harvesting induced artificial recharge in Chandigarh	1,20,000	DST Chandigarh	DR Rinku Walia Principal Investigator
Bench Scale model of artificial recharge structure	50,000	Institute of Engineers	DR Rinku Walia Principal Investigator

DEPARTMENT LABORATORIES



Networking Lab



Programming Lab



Auto CAD Lab



Computing Lab



Strength of Materials Lab



CAD/CAM Lab



Structural Analysis Lab



Transportation Lab



Civil Lab



Fluid Mechanics Lab



Computer Aided Manufacturing Lab



Refrigeration and Air Conditioning Lab



Applied Thermodynamics Lab



Mechanical Lab



Mechanical Lab



Civil Lab

EVENTS ORGANISED

Athletic Meet-2025 : 9th Annual Athletic Meet was organized on February 26th, 2025. Prof (Dr.) Susheel Mittal, Hon'ble Vice Chancellor, IKG PTU presided over the function as Chief Guest.



An expert lecture was organized on March 12th, 2025 on topic” Career Orientation & Entrepreneurship Mindset” by motivational speaker Sh. Charan Kamal.





I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY

HOSHIARPUR CAMPUS



techfest 2023

Computer Gaming
Coding
Quizpedia



Drawing mania
Best out of waste
Poster making
Paper Presentation
Talent Hunt





Mehandi
Dastar Bandi
Rangoli
Face Painting

Bhangra / Gidda
Western Dance
Ramp Walk/
Modeling

28 April 2023
FRIDAY

FOR MORE DETAILS CONTACT
9465884875, 9465884827

VENUE
IKG PTU HOSHIARPUR CAMPUS
JALANDHAR ROAD, HOSHIARPUR



ORIENTATION PROGRAM AUGUST 2023



PLACEMENT DRIVE APRIL 2023



I.K.G. PUNJAB TECHNICAL UNIVERSITY

Sponsored

JOINT CAMPUS PLACEMENT DRIVE

VENUE : IKGPTU CAMPUS HOSHIARPUR

DATE : 4th Oct., 2023

Companies

1) Hoping Minds (A Venture Katina Skills Pvt. Ltd.)

Positions :- Software Developer, Business Analyst, System Engineer

More details on University Web Site : <https://ptu.ac.in/placements/placement-drives/>





SUKHMANI SAHIB PATH



BLOOD DONATION CAMP 7 NOVEMBER 2023



ਸਹਾਇਕ ਡਾਇਰੈਕਟਰ ਯੁਵਕ ਸੇਵਾਵਾਂ ਹੁਸ਼ਿਆਰਪੁਰ
ਜ਼ਿਲ੍ਹਾ ਪੱਧਰੀ ਖੂਨਦਾਨ ਕੈਂਪ ਅਤੇ
ਰੈੱਡ ਕਰੀਬਨ ਕਲੱਬਾਂ ਦੇ ਮੁਕਾਬਲੇ

7 ਨਵੰਬਰ 2023

ਵੱਲੋਂ: ਆਈ.ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ
ਹੁਸ਼ਿਆਰਪੁਰ ਕੈਂਪਸ



KITE FLYING 12 JANUARY 2024



Project on water fountain constructed by civil engineering students and sponsored by IKGPTU Kapurthala



EXTRA CURRICULAR ACTIVITIES





CONTACT US:

Director, IKGPTU Hoshiarpur Campus
Prof. (Dr.) Y S Brar (+91-94780-98013)

Deputy Registrar, IKGPTU Hoshiarpur Campus
Mr. Gaganjot Singh (+91-9478098031)

Admission Coordinators
Department of Mechanical Engineering (ME)
Dr. Sunil K Mahla (9780020600)

Department of Computer Science & Engineering (CSE/BCA)
Dr. Brijesh Bakariya (9926453721)

Department of Civil Engineering (CE)
Dr. Rinku Walia (7986032505)

Dr Sonu Bala Garg (BCA)
9501156300

Address:
IKGPTU Hoshiarpur Campus,
Inside Pt. J.R Govt. Polytechnic College, Jalandhar
Road, Hoshiarpur – 146001, Punjab

General Enquiry and Admission Helpline

☎ +91-188-225-2044, 9878098054

✉ pithoshiarpur@rediff.com

🌐 <http://hoshiarpur.ptu.ac.in>

IKGPTU CAMPUS, MOHALI - I



Prof. (Dr.) Monika Sachdeva
Director, IKGPTU Mohali Campus-I
Email: monika@ptu.ac.in
Mobile: +91-946-588-4822

Brief about Campus

The IKGPTU Mohali Campus I is a constituent campus of IK Gujral Punjab Technical University. It has been started with an aim to develop state-of-art infrastructure to facilitate academic and industries to work as a team on.

Real life problems and generate innovative technologies to serve people of Punjab, India and world at large. This institute is the only Govt. Engineering Institute in Mohali.

SALIENT FEATURES

- Ph.D. Faculty
- Real life problems and generate innovative technologies to serve people of Punjab, India and world at large. This institute is the only Govt. Engineering Institute in Mohali.
- Scholarship for Meritorious Students as per University Norms
- Post Metric Scholarships for SC/ST Students as per Punjab Govt. Rules
- Fee-waiver Scheme for Economical Weaker Section (EWS)
- ICT enabled Air-Conditioned Class Rooms
- Fully Wi-Fi Campus
- Free Access to E-books & Reputed Journals
- Hi-Tech Conference Room and Seminar Halls
- Indoor & Outdoor Sports Activities
- Transportation Facility
- Secured Hostel Facility for Boys & Girls
- 7 Km from ISBT Sector-43, Chandigarh
- 2 Km from Mohali Bus Stand

PROGRAMME(S) OFFERED

Programme	Intake	Duration
B.Tech Computer Science & Engineering	60	4 Years
B.Tech (Computer Science & Engineering (Artificial Intelligence and Machine Learning)	60	4 Year
Bachelor of Computer Applications	30	3 Year
Bachelor of Business Administration	30	3 Year

**Lateral Entry to B.Tech. &BCA courses shall be allowed as per Punjab Govt./IKGPTU Norms*

CAMPUS FACULTY, OFFICERS AND STAFF MEMBERS

Name	Designation	Experience	Specialization
Faculty			
Dr. Monika Sachdeva	Professor-Cum-Director	24 Years	Network security
Dr. Neeraj Mohan	Assistant Professor	20 Years	Network Traffic Management, Computer Networks
Dr. Harpreet Kaur	Assistant Professor	08 Years	Wavelet Based Solutions of Differential Equations
Dr. Tarun Goyal	Assistant Professor	21 Years	Materials and Metallurgy, Surface Engineering
Dr. Deepika Bhalla	Assistant Professor	26 Years	Condition Monitoring of Power Equipment
Officers			
Dr. Geet Mehra	Deputy Registrar	26 Years	Management & Administration
Dr. Vishavdeep	Assistant Registrar	13 Years	Universal Human Values & Administration
Non-Teaching Staff			
Sh. Malkiat Singh	Senior Assistant	22 Years	Academics, NAAC and Youth Activities
Smt. Pardeep Kaur	Senior Assistant	22 Years	HR & Student Placement Cell
Smt. Narinder Kaur	Senior Assistant	22 Years	Academics & Scholarships
Smt Hardeep Kaur	Senior Assistant	22 Years	Store & Purchase, Hostel (Girls)
Sh. Amarjeet Singh	Senior Assistant	23 Year	IT , Store and Meetings
Sh. Davinder Pal Singh	Senior Assistant	21 Years	Examination, Nodal Centre & Sports
Sh. Naresh Pawar	Senior Assistant	23 Years	Accounts, Campus Security
Sh. Gagandeep Singh	Senior Assistant	17 Years	Estate, Horticulture & House-keeping
Sh. Jasbir Singh	Senior Assistant	13 Years	Legal and Hostel (Boys)
Sh. Sukhwinder Singh	Office Assistant	22 Years	To assist in IT, Admissions and Sports related work
Sh. Ramjas Singh	Office Assistant	18 Years	To assist in Campus Store related work & Nodal centre
Sh. Sanjeev Kumar	Office Assistant	13 Years	To assist in Estate, Horticulture and House-keeping work
Sh. Jasvir Singh	Driver	13 Years	Campus Dak related work
Sh. Rampal	Attendant	19 Years	Duty with officers

RESEARCH AREAS

- Network Security
- Digital Image Processing
- Computer Networks

RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

• Paper Presentations in National Conferences	-	18
• Paper Presentations in International Conferences	-	46
• Paper Published in National Conferences	-	29
• Paper Published in International Conferences	-	89
• Books/Book Chapters Published	-	37
• Projects Undertaken by Faculty	-	02
• Research Scholars Guiding (PhD)	-	09
• Research Publications in National Journals	-	02
• Research Publications in International Journals	-	156
• Patents	-	02
• Copy Rights	-	03
• Research Scholars Guided (M.Tech. / MBA / M.Sc. / MPhil)	-	83
• Research Scholars Guided (PhD)	-	11
• Research Scholars Guiding (PhD)	-	09

DEPARTMENT LABORATORIES



Computer Programming Lab



English Communication Skills/Language Lab

EVENTS ORGANISED



Volley Ball Tournament



Taekwondo Competition



Badminton Tournaments



Cricket Tournament



Bhangra Classes



Kabaddi



Women's Day Celebrations



Children Day Celebration



Teachers Day Celebration



Placement Drive 21st September 2022



Activities during Induction Program 2022



Placement Drive 21st September 2022

CONTACT US :

Director, IKGPTU Mohali Campus - I Prof. (Dr.) Monika Sachdeva (+91-94658-84822)	Deputy Registrar, IKGPTU Mohali Campus - I Dr. Geet (+91-94780-98016)
<p align="center"><u>Admission Coordinators</u></p> <p>Department of Computer Science & Engineering (CSE)</p> <p>Dr. NEERAJ MOHAN, AP (+91-9463383753) Email-ID: dr.neeraj@ptu.ac.in</p> <p>Dr. TARUN GOYAL, AP (9465884832) Email –ID: dr.tarungoyal@ptu.ac.in</p>	<p>Address: C-102/B, Industrial Area, Phase-VII, SAS Nagar, Mohali</p> <p>General Enquiry and Admission Helpline</p> <p>S. Malkiat Singh, +91-9478098089 Mr. Ravinder Shah, +91-9041747753 ✉ dr.neeraj@ptu.ac.in 🌐 http://mohali.ptu.ac.in</p>

IKGPTU CAMPUS, MOHALI - II



Prof. (Dr.) Monika Sachdeva
Director,
IKGPTU Mohali Campus - II
Email: monika@ptu.ac.in
Mobile: + 91 9465884822

Brief about Campus

IKGPTU Mohali Campus-II, established in 2014 as the “**School of Built Environment**”, is dedicated to providing quality education in architecture, planning, and design. The campus offers undergraduate and postgraduate programs tailored to meet the evolving demands of the building industry. Beyond producing skilled Architects, Engineers, Designers, and Professionals through programs like B.Arch., B.Voc., and Master's courses, the institute also emphasizes skill development through specialized certificate programs. Additionally, it fosters research across various disciplines to align with both current and future industry needs. Presently, the institute offers B.Arch., M.Planning, and B.Voc. in Interior Design.

SALIENT FEATURES

- Premier State Govt. institute established in this region offering courses in Design, Architecture & Planning.
- Located at Kharar-Landran Highway, Sector- 115, Mohali, with close proximity to Chandigarh.
- Experienced faculty with varied specialization in different fields of built environment.
- Regular workshops, industrial visits, expert lectures, and MoUs with reputed Govt. and Private organizations help bridge the gap between academics and industry needs.
- Through NSS, Cultural, Sports, and Entrepreneurship Development Cells, students are encouraged to build leadership, creativity, and community engagement.
- The campus ensures personal attention, mentorship, timely redressal of student concerns, and a supportive environment for both academic and personal growth.
- The campus features well-equipped classrooms, studios, state-of-the-art laboratories & workshops, a well-equipped library, lush green surroundings, and dedicated spaces for co-curricular activities.
- Separate hostel facility for boys and girls.
- Scholarships including all Govt. Scholarships from Govt. of Punjab and meritorious students' scholarship for IKGPTU.

PROGRAMME(S) OFFERED (AS PER 2025-26)

Name of Department	Programs Offered	Intake
Architecture & Planning	B. Architecture	20
	B. Voc. (Interior Design)	30
	M. Planning	18

CAMPUS FACULTY, OFFICERS, AND STAFF MEMBERS

Name	Designation	Experience	Specialization
Dr. Monika Sachdeva	Director & Professor	27 Years	Computer Science Engineering
Dr. Neel Kanth Grover	Professor	30 Years	Modelling and Simulation
Dr. Mukta Sharma	Associate Professor	16 Years	Engineering, Geology and GIS, Natural Disasters, Disaster Management, Remote Sensing and GIS
Dr. Neeru Singla	Assistant Professor	15 Years	Structures
Dr. Gurkirpal Singh	Assistant Professor	25 Years	Architectural Design, Urban Planning and Structure Design
Dr. Fuzail Jawaid	Assistant Professor	12 years	Urban Planning, Smart cities, Sustainable Architecture
Ar. Damandeep Kaur	Assistant Professor	14 Years	Construction Management, Vernacular and Low-cost Architecture
Sh. Tarun Kanodia	Assistant Registrar	15 years	Computer Applications



RESEARCH AREAS

- Architecture Education and Contemporary Practices
- Construction & Project Management,
- Urban Planning
- Environment, Groundwater, Natural Disasters, Remote Sensing and GIS
- Sustainability& NetZero, Low Carbon Buildings
- Sustainable Architecture
- Structures
- Modelling and simulation

RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

• Paper Presentations in National Conferences	-	40
• Paper Presentations in International Conferences	-	64
• Projects Undertaken by Faculty (DST)	-	01
• Research Scholars Guiding (PhD)	-	06
• Research Publications in National Journals	-	12
• Research Publications in International Journals	-	98
• Patents	-	04
• Research Scholars Guided (PhD)	-	09
• Research Scholars Guided (PG)	-	66

STUDENT PLACEMENTS INFORMATION

Six batches have graduated and many are placed with the reputed architects of the Northern Region. Some students have opted for their own professional practice and some have opted for higher education. Post graduate students from M.Planning are placed in Teaching, Professional Practice and Govt. Jobs.

AWARDS / ACHIEVEMENTS OF STUDENTS

Student Name	Award / Achievement	Event	Month-Year
Kashish Bhatia	3 rd Prize	Poster Making	IKGPTU South Zone Youth Fest 2024
Kashish Bhatia	2 nd Prize	Poster Making	IKGPTU South Zone Youth Fest 2023
Kinder Dhiman	2 nd Prize	On the Spot Photography	IKGPTU South Zone Youth Fest 2023
Kashish Bhatia	1 st Prize	Poster Making	IKGPTU South Zone Youth Fest 2022
Aumisha	3 rd Prize	On the Spot Painting	IKGPTU South Zone Youth Fest 2022
Mannat	1 st Prize	Short Story Writing	IKGPTU South Zone Youth Fest 2022
Saumya Mehta	2 nd Prize	On the Spot Photography	IKGPTU South Zone Youth Fest 2022
Brahamjot Singh	2 nd Prize	Best Physique	Inter Zonal Youth Festival 2022

DEPARTMENT LABORATORIES



Computer Lab



Studio



Resource Center



Art & Design Lab

EVENTS ORGANISED / STUDENT ACTIVITIES



Dr. Jit Kumar Gupta sir lecture on green and sustainable architecture



Attended a Panel Discussion on Ar. U.E. Chowdhary



Annual Sports Meet - SPARDHA 2025 conducted on 6th & 7th March 2025



3 Days Cultural cum Annual Fest (Kahkashan) conducted from 23rd Oct 2024 to 25th Oct 2024



Live Sketching



Architecture students actively participated in the NASA Convention held in Kerala in March 2024



Workshop on The Psychology of Interior Design – Ms. Sakshi Katyal – A Well Renowned Interior Designer on September 18,



Workshop on Navigating the Industry as a Young Architect/Engineer by Er. Ravijeet Singh – A Well Renowned Civil Engineer on September 24, 2024



Bamboo Workshop held on 14-Feb-2024



Students in Clay Modelling Workshop



Live Workshop on Photography Skills on 23rd July 2024



Tree Plantation Drive held under My Pet Plant Scheme on 24th March 2025



Renowned Architect –Planner Ar. Jit Gupta Presenting his book during his visit at MC-II for Expert Talk 11th April 2023



Inter College Cricket Tournament held at CTI EMT Shahpur Jalandhar, Date : 21st February 2023



IKGPTU Zonal Youth Fest South Zone in Chandigarh Group of Colleges, Landran, Kashish achieved 1st position in Poster Making



Poster Making Competition was held on 22nd March 2024



Students visited ArchEX – North India's Biggest exhibition for Architects & Engineers held from 13th Feb 2025 to 16th Feb 2025



Students Published work in WGBC Journal



International Yoga Day celebrated on 21st June 2024



Cleanliness Drive under Swachhta Abhiyan held on 23rd March 2025



An awareness campaign for new voters was launched under the SWEEP scheme on March 21, 2024



Workshop on Depletion and Deterioration of Ground Water in Punjab Region by S. Surinder Singh, Executive Director, Kheti Virasat held on 28th March 2024



Motivational Session was conducted by Mrs. Manjula Sularia (Life Skills Coach and Motivational Speaker) On 27th March 2024



Watercolour Painting workshop was conducted on 24th October 2024 by Well renowned Artist S. Sarabjeet Singh



Clay Modeling Workshop and Competition held on 20th September 2023



Independence Day Celebrated on 15th August 2024

CONTACT US:

Director, IKGPTU Mohali Campus-II
Prof. (Dr.) Monika Sachdeva

Email: monika@ptu.ac.in
Mobile: +91-9465884822

Admission Coordinators

Dr. Mukta Sharma: +91-9478098123
Mr. Tarun Kanodia: +91-7087364656

Campus Email ID: mohalicampus@ptu.ac.in

Address:

IKGPTU Mohali Campus-II, Kharar-Landran Road, Adjoining Govt. Polytechnic College Khunimajra, Sector-115, SAS Nagar, Mohali, Punjab - 140301

General Enquiry and Admission Helpline

Dr. Neeru Singla: +91-7837052500
Dr. Gurkirpal Singh: +91-8360453299
Dr. Md. Fuzail Jawaid: +91-9548188922
Ar. Damandeep Kaur: +91-9815479817