

**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 alongside specialized degree programs in Artificial Intelligence & Machine Learning and Data Science. 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) and B.Voc with specializations also.

Department is also research fad and is hence offering Doctor of philosophy (Ph.D) in Computer Science & Engineering. The department's strengths include required 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 prerequisite 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 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 (CSE)*	04 years	120
B.Tech CSE (Artificial Intelligence & Machine Learning)*	04 years	60
B.Tech CSE(Data Science)*	04 years	60
B.Voc. (Web Technology and Multimedia)	03 years	30
B.Voc. (Graphics and Multimedia)	03 years	30
Bachelor of Computer Application*	03 years	120
M.Tech (Computer Science & Engineering)	02 years	09
M.Tech (Computer Science & Engineering) with specialization in AI&ML	02 years	09
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
- Big Data Analysis
- Wireless Sensor Networks
- Pattern Recognition
- Cloud Computing
- Machine Learning

**FACULTY PROFILE**

Name	Designation	Specialization
Dr. Rajeev Kumar Bedi	Associate Professor & HOD	Object Oriented Programming, Cloud Computing, Mobile Cloud Computing
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

**RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE**

- Research Publications in International Journals: 130
- Paper Presentations in International Conferences: 55
- 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. Raman Kumar	<ul style="list-style-type: none"> <li>• Cryptography (PI)</li> <li>• ISEA Phase-III (Co-PI)</li> </ul>	<ul style="list-style-type: none"> <li>• DST</li> <li>• MeitY</li> </ul>	<ul style="list-style-type: none"> <li>• 30 Lakhs</li> <li>• 2.5 Cr</li> </ul>

**MAJOR RECRUITERS**

Sr. No.	Company Name	Sr. No.	Company Name
1.	Infosys	2.	L & T
3.	Zscaler	4.	TCS
5.	Microsoft	6.	Capgemini
7.	Wipro	8.	IBM
9.	Cognizant	10.	Schneider Electric
11.	Accenture	12.	OCCL
13.	Godrez	14.	Pie infotech
15.	Relinns Technologies	16.	Cache labs
17.	Tech Mahindra	18.	Easework AI
19.	75way Solutions Pvt. Ltd.	20.	Aeonaxy
21.	Hoping Mind	22.	eNest Technologies Pvt Ltd
23.	Solitaire Infosys	24.	Pisoft informatics Pvt Ltd.
25.	J.J.Jonex	26.	Codemap
27.	Pentair	28.	Tech Mindsparc Innovations
29.	Unschool	30.	Reality Smartz
31.	Jaro Education	32.	Intellipaat Software Solutions
33.	MaxtronAI	34.	EXFO
35.	Mphasis	36.	YHILLS Edutech
37.	Zapbuild technologies	38.	Public Sapient

39.	Grazitti Interactive	40.	Zycus
41.	EcoOceana Tech	42.	MindTree
43.	SmartData Enterprise India Ltd.	44.	Just Agriculture Education Group
45.	Future Finders	46.	Tricon
47.	Knack Tech E-learning pvt. Ltd	48.	Securonix
49.	Register Karo	50.	SV infotech software solutions

**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**



**A Joint Fresher's Party organized at IKGPTU in Feb 2026**



**Multitrack 1-day Workshop by O7 Services**



**Coding Competition Code Utsav**



**IKGPTU and Punjab and Sind bank organized SAFE Hackathon in which 118 teams participated.**



**Geeks for Geeks IKGPTU Chapter event**



**Expert talk on building and running LLM models**



**Department organized a Workshop on Safer Internet Day under the supervision of Dr. Rajeev Bedi, HOD CSE-cum-Co-PI, ISEA Project**



**Alok Kumar Jha student of CSE Dept. Shines Among Top 100 at Viksit Bharat Young Leaders' Dialogue 2026**



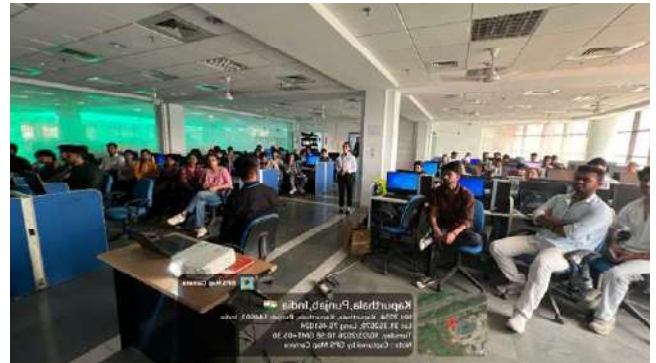
**Top 11 Nationwide! Our Students Shine at Global Fintech Fest 2025**



**Hands-On Mobile Malware Detection & Forensics — 5-Day ISEA Bootcamp**



**Poster Making Competition as part of the National Cyber Security Awareness Month (NCSAM) by I.K. Gujral Punjab Technical University, Kapurthala**



## IKGPTU Organized 2 Day workshop on Emerging Technologies: Cloud security and AIML

### CONTACT FOR ADMISSION

**Mr. Gagandeep Singh Kahlon**  
**Assistant Professor**

Mobile No.: 8872504604

Email ID: gagandeepsinghkahlon@gmail.com

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

**Ms. Ravinderjit Kaur**  
**Technical Assistant**

Mobile No.: 7652847206

Email ID: ravinderjit.kaur@ptu.ac.in

## 2. DEPARTMENT OF MATHEMATICS

The faculty members of the Department are highly research-oriented and regularly publish research articles in reputed international journals. They actively participate in national and international conferences to strengthen their academic and research expertise. A significant number of research scholars are currently pursuing their Ph.D. degrees in the Department and contributing to the advancement of knowledge through quality research publications.

### PROGRAMMES OFFERED

Sr. No.	Programme	Intake	Duration
1	M.Sc. Mathematics	30	02 years
2	Ph. D	As per availability of slots	

### FACULTY MEMBERS

Name	Designation	Experience	Specialization
Dr. Ashish Arora	Professor & Head	26 Years	Continuum Mechanics
Dr. Rajesh Kumar Narula	Assistant Professor	29 Years	Information Theory & Coding
Dr. Gurjinder Singh	Assistant Professor	13 Years	Numerical Analysis

### RESEARCH AREAS

- Continuum Mechanics
- Information Theory & Coding
- 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.): 5

### 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 of Physics 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

Sr. No.	Programme	Intake	Duration
1	M.Sc. Physics	30	02 years
2	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

\* on Deputation as a Registrar at NIT Delhi.

#### RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

- Research Publications in International Journals : 105
- Research Publications in National Journals : 115
- Paper Presentations in International Conferences : 54
- Paper Presentations in National Conferences : 125
- Research Scholars Guided : 08
- Projects Undertaken by Faculty : 09
- Books/Chapters Published : 06

## 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
Physico-chemical characterization of methyl oleate-methyl palmitate blend as a model system for Jatropha-Palm biodiesel.	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
Diffraction vector modes on production at HERA using a holographic AdS /QCD approach.	18.51 lakhs	SERB	Dr. Neetika
Study of interface magnetic interactions in $LaO_7 SrO_3 MnO_6 / A_2 Ln Ru O_6$ 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 THE 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 of chemistry, at IKGPTU 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

### PROGRAMMES OFFERED

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

### RESEARCH AREAS

- Biochemistry
- Supramolecular Chemistry
- Organic Synthesis
- Photochemistry
- Environmental Chemistry
- Nano materials
- Medicinal Chemistry

### FACULTY MEMBERS

Name	Designation	Experience	Specialization
Dr. Gaurav Bhargava	Professor & Head	21 years	Organic Chemistry / Medicinal Chemistry
Dr. Parveen Bansal	Professor & Dean	30 years	Bio-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 / Supramolecular Chemistry
Dr. Reshu Sanan	Assistant Professor	11 years	Physical / Analytical Chemistry

### RESEARCH PUBLICATIONS/ PATENTS/PROJECTS/RESEARCH GUIDANCE

- Paper Presentations in National Conferences - 28
- Paper Presentations in International Conferences - 35
- Books/Book Chapters Published - 11
- Projects Undertaken by Faculty - 04
- Research Scholars Guiding(PhD) - 19
- Research Publications in National Journals - 09
- Research Publications in International Journals - 229
- Patents - NIL
- Research Scholars Guided (M.Sc.) - 168
- Research Scholars Guided (Ph.D.) - 12

## PROJECTS UNDERTAKEN BY FACULTY

ProjectTitle/Details	Sanctioned Amount	FundingAgency	Principal/Co-Principal Investigator
Transition metal catalysed inter-intramolecular cycloaddition reactions of Methylene & vinyl cyclopropanes: Synthesis of bi - tricyclic systems	22 Lakh	Board of Research in Nuclear Sciences (BRNS)	Dr. Gaurav Bhargava
Synthesis, cycloaddition, 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	29.12Lakh	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	18.30Lakh	SERB, Department of Science and Technology(DST)	Dr. Rupesh

## PLACEMENTS

StudentName	Company
Yogesh Kumar(Ph.D.)	Post-Doctoral Associate in Durham University, UK
Bilash Kuila (Ph.D.)	Senior Research Scientist at Augens Pharmaceuticals Inc.
Bhuvesh (M.Sc.)	Research Chemist at Translational Health Research Institute, New Delhi
Shakshi (M.Sc.)	ChemistinlovincarecosmeticPvt.LTD.(H.P)
Deepka (M.Sc.)	Govt. Job(Teacher)
Gobind Kumar (M.Sc.)	Ph.D.at University of Kwazulu-natal, Durban, South Africaunder NRF programme
Ankit Kumar (M.Sc.)	Ph.D.at University of Kwazulu-natal, Durban,South Africaunder NRF programme

## DEPARTMENT LABORATORIES



Engineering Chemistry Laboratory



**Organic 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 Festival**



**Fresher's Party**



**Fare well Party**

**CONTACT FOR ADMISSION**

**Dr. Gaurav Bhargava, Professor**

**Mobile No: 94780-98058 EmailID: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 M.Sc. in Food Technology and B.Sc. (Hons) 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.	M.Sc. Food Technology	30	2Years
3.	Ph.D. Food Science & Technology	As per availability of slots	
4.	Ph.D. Pharmaceutical Sciences	As per availability of slots	
5.	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	23 Years	Organic Chemistry
Dr. Barinderjit Singh	Assistant Professor	20 Years	Food Technology
Dr. Gazal Sharma	Assistant Professor	17 Years	Biotechnology
Dr. Shabir Sidhu	Assistant Professor	16 Years	Pharmacology

## RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

- Paper Presentations in National/International Conferences : 181
- Books / Book Chapters Published : 18/33
- Research Publications in National/International Journals : 203
- Patents : 16
- UG Thesis Guided (B.Sc.) : 12
- PG Thesis Guided (M.Sc.) : 172
- Research Scholars Guided (Ph.D) : 14

## 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
Akanksha Thakur	Higher Education, Ph.D. at GNDU
Aman Patel	Top & Town
Amolika Gautam	CT Educational Society, Jalandhar
Ananya	Aayu kart Private Ltd.
Arshdeep Singh	Khasa
Athulya	Lab. Assistant at IKGPTU
Bavneet	Jaro Education
Divya	Higher Education, Ph.D. at GNDU
Hardeep Singh	Assistant Professor (Food Technology) at Guru Kashi University, Talwandi Sabo
Imdadul Hossain Molla	Government Job Preparation
Isha Kumari	Paras Spicies Pvt. Ltd Moga.
Jaskaran Singh	Shree Narian Food Industries, Hoshiarpur
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
Kanika Sharma	Shift Incharge at Himsudha
Kunika Gandotra	Higher Education, Ph.D. at IKGPTU
Laishram Genish Singh	Signicent, Mohali
Mehak Aftaab	Genesis PacAssist Pvt. Ltd. New Delhi
Mukul R. Zade	Bansal Classes Private Limited, Aurangabad,
MAYANK	Government Job Preparation
Md Mustafijur Rahaman Mondal	Licious Kolkata
MD Suraj Molla	Licious Kolkata
Navdeep Kumar	Unati Co-op. Marketing-cum-Processing Society Ltd.
Nishu Kumari	Cremica Food Industries Ltd.
Nitiksha Parihar	Microbiologist at MSUDHA
Nitisha Tandon	Higher Education, Ph.D. at GNDU
Nitika Saini	CT Educational Society, Jalandhar
Prottoy Ghosh	Auditor at Nikbakuss
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
Ruhani	Government Job Preparation
Saloni Sharma	Food coast International-A food Processing Company
Saptadeep Sanyal	Scientific and Digital Systems, New Delhi
Seema Maibam	Project Assistant at ICAR
Shalini Kumari	Signicent Information Solutions LLP
Shreya	Signicent, Mohali

Student Name	Company
Simran Dhingra	Signicent, Mohali
Sourav Rana	Foodcoast International, Jalandhar Punjab
Shalini	Signicent Information Solutions LLP
Shivam Singh	Foodcoast International, Jalandhar Punjab
Suresh Singh	Choice Agros Pvt. Ltd, Kapurthala
Suvajit	Jubilant Food Works Ltd, Mohali
Tanveer Ali	Kandhari Beverages Pvt. Limited
Vani Jaya chandran	Aayukart Private Ltd.
Vaishnavi Dilip Mehra	Food wast

### Awards / Achievements of Students / Faculty

Student Name	Award/Achievement	Event
Dr. Barinderjit Singh	Selected for IRSD Preeminent Academic Excellence Award 2022	IRSD Preeminent Academic Excellence Award 2022
Mr. Sahil Chaudhary	Young Researcher Award	International Conference on "Indian Knowledge System: From Glorious Past to Bright Future" held on 5th April 2025
Kunika Gandotra	Best Oral Paper	National Conference held at Sant Longowal Institute of Engineering and Technology, Longowal-148106, Punjab, during 11-12 December 2025.
Kunika Gandotra	1st Prize Best Food Stall	Basant Utsav on 03rd Feb 2025
Avantika Thakur	1 <sup>ST</sup> Prize in Poster Presentation	World Food day – 2025 (16-Oct-2025)
Athulya	2 <sup>ND</sup> Prize in Poster Presentation	World Food day – 2025 (16-Oct-2025)
Simardeep Kaur	3 <sup>rd</sup> Prize in Poster Presentation	World Food day – 2025 (16-Oct-2025)
Disha & Jaskiran	1 <sup>ST</sup> Prize in Quiz Competition	World Food day – 2025 (16-Oct-2025)
Jatin & Moien	2 <sup>nd</sup> Prize in Quiz Competition	World Food day – 2025 (16-Oct-2025)
Gurpreet & Apeksha	3 <sup>rd</sup> Prize in Quiz Competition	World Food day – 2025 (16-Oct-2025)
Aayush Wadhwa & Abishek Chadhuary	3rd Prize in Poster Presentation	National Conference on Emerging and Sustainable Technologies in Food Processing, SLIET, Longowal, Punjab
Mehak Aftab	2nd 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	3rd Prize	Inter College Volleyball Tournament
Drishti Gupta	Winner in Silver Category	Start Up Proposal at Bioconcurrency 2020- Global Meet Organised by Rajiv Gandhi Proudyogiki 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

Jasmin Kaur Cheema	1st 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, School of life Sciences and Technology, Chennai
Kunika Gandotra & Kanika Sharma	1st Prize in Food Stall	World Food Day, 2024
Avantika Thakur, Tamanna Sharma, Tirmaan Singh & Sajal Sood	outstanding startup pitch & rewarded with cash prize of Rs.75000/-.	Ideaphied 4.0, hosted by IISER Mohali in collaboration with PSCST Chandigarh

**AVANTIKA THAKUR, TAMANNA SHARMA, TIRMAAN SINGH & SAJAL SOOD**

(Outstanding startup pitch & rewarded with cash prize of Rs.75000/-.)



**GLIMPSES OF SOME EVENTS ORGANIZED BY DEPARTMENT**



**1<sup>st</sup> Prize on World Food Day**



**1<sup>st</sup> Prize on Engineer Day**



**1<sup>st</sup> 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**

**Industry Visit of ITC Limited.**

**TAP-B Plan Competition**



**CONTACT FOR ADMISSION**

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

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

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

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

**Email ID:** [office.fst@ptu.ac.in](mailto:office.fst@ptu.ac.in)

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

## 6. DEPARTMENT OF JOURNALISM & MASS COMMUNICATION

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 disciplines in association with English Language & Literature, Communication Skills, Punjabi Language & Literature, Universal Human Values & Professional Ethics, Political Philosophy, and Indian Political System etc. The Department is actively engaged in teaching, research, training, and outreach activities. In keeping with its multidisciplinary character, it carries out research in diverse and emerging areas of human interests and social concerns.

### 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	22 Years	Mass Communication, Development Communication and Public Relation
Dr. Ekta Mahajan	Assistant Professor	18 Years	Print Media and Advertising

### RESEARCH PUBLICATIONS/PATENTS/PROJECTS/ RESEARCH GUIDANCE

- Paper Presentation in National Conferences - 10
- Paper Presentations in International Conferences - 05
- Books/Book Chapters Published 12
- UGC/JRF Research Scholar - 01
- Research Scholars Guiding (PhD) - 05
- Research Publications in National Journals - 50
- Research Publications in International Journals - 25
- Research Scholars Guided (MPhil) - 55
- Research Scholars Guided (PhD) - 14

### 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	Assistant Registrara, IITJ Connect & PRO
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



On World Radio Day, RJ Roger, a Radio/TV media expert, along with faculty members, felicitated the RJ Hunt winner, celebrating talent and the true spirit of broadcasting



One day Inter-Class Quiz & Caption Writing Competitions organized in the department



Extempore Competition organized in collaboration with All India Radio, Jalandhar



Fresh beginnings, new bonds & unforgettable memories -Fresher's Party at the Department



Five days Educational cum Recreational trip to Kullu-Manali



**Guest lecture on National Press Day by Sh.Arundeeep,Deputy Editor,Punjabi Jagran**



**Dr. Ranbir Singh (HOD JMC department), Dr. Ekta Mahajan (Faculty Member) and Sh. Rajneesh Sharma (Deputy Registrar PR) extending gratitude to Sh. Arundeeep, Expert Speaker.**



**Media Scape, the monthly departmental newspaper unveiled by Prof. (Dr.) Susheel Mittal, Vice Chancellor, Dr. Navdeepka Sandhu, Registrar, and Prof. (Dr.) Ranbir Singh, Head, along with the department team.**



**Insightful Expert Talk on Research Perspectives by Prof. Dr. Vir Bala Aggarwal, Visiting Faculty**



**Students performing a Nukkad Natak under the Udghosh Manch.**



**Talk in Talk a new podcast initiative started under the guidance of Prof. (Dr.) Susheel Mittal to connect with the internal and external public of the university**



**Faculty staff of Journalism and Mass Communication Department**

**CONTACT FOR ADMISSION**

**Dr. Ranbir Singh**

**Professor and Head of Head, Department of JMC**

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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 disciplines in association with English Language & Literature, Communication Skills, Punjabi Language & Literature, Universal Human Values & Professional Ethics, Political Philosophy, and Indian Political System etc. The Department is actively engaged in teaching, research, training, and outreach activities. In keeping with its multidisciplinary character, it carries out research in diverse and emerging areas of human interests and 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 & Head	24 Years	Mass Communication

### 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 <i>The Gaia Collection</i> and R. Rathindran Prasad's <i>Boomika</i>	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	ਸੇਸ਼ਲ ਮੀਡੀਆ ਉੱਪਰ ਪ੍ਰਾਪਤ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦਾ ਵਿਸ਼ਲੇਸ਼ਣ ਤੇ ਮੁਲਾਂਕਣ	07 February 2024
Veer Kaur	Punjabi	ਇੱਕੀਵੀਂ ਸਦੀ ਦੇ ਪਹਿਲੇ ਦੋ ਦਹਾਕੇ ਦਾ ਪੰਜਾਬੀ ਨਾਵਲ: ਰਾਸ਼ੀਆਗਤ ਅਧਿਐਨ	07 February 2024

### AWARDS & HONOURS



**YOUNG RESEARCHER AWARD (PUNJABI)  
EVENTS ORGANIZED**

**YOUNG RESEARCHER AWARD (ENGLISH)**



**Seminar at Pushpa Gujral Science City, Jalandhar-Kapurthala Highway**

**CONTACT FOR ADMISSION**

**Dr. Ranbir Singh**

**Professor & Head**

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 from institutes of repute like IITs & NITs. 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
- Welding
- Biomaterials
- Wear, Erosion
- Microwave Processing of Materials
- Computational Fluid Dynamics
- Thermal Spray Coatings
- Superalloys, Advanced Materials

### 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 (College Development). Their names, designation, experience, and specialization are indicated below:

Name	Designation	Experience	Specialization
Dr. Balkar Singh	Professor & Dean (College Development)	35 Years	Conventional & Non -Conventional Machining and Advanced Manufacturing
Dr. Deepak Kumar Goyal	Assistant Professor	22 Years	Surface Engineering, Additive Manufacturing, Engineering, Mechanics, and Machine Design
Dr. Jujhar Singh	Assistant Professor	23 Years	Conventional and Non -Conventional Machining, Composites
Dr. Amoljit Singh Gill	Assistant Professor	11 Years	Materials Engineering and Processing
Dr. Manoj Mittal	Assistant Professor	29 Years	Fluid, Thermal, and Manufacturing
Dr. Vivek Aggarwal	Assistant Professor	26 Years	Conventional and Non -Conventional Machining, Superalloys, Advanced Manufacturing

## RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

- 400+ Research Publications in journals of repute
- 100 + M. Tech. Dissertations
- 250+ publications in conferences
- 30+ completed PhDs and a similar number of ongoing
- 80 + books and book chapters
- 5 patents and many projects
- Biomaterials and Drug Delivery System

## PLACEMENTS - B.TECH. IN MECHANICAL ENGINEERING

Name of Students	Name of Organization
Himanshu bhaskar	UPSC Clear/ All India Rank - 308
Somesh Upadhyay	Hero Motorcorp Ltd
Prabhash Chandra	Amdocs
Sumit Saini	Larsen and Tubro (L & T)
Anshul Saxena	Larsen and Tubro (L & T)
Jagroop Singh	L & T Technology Services Ltd.
Shreyansh Kaushik	Infosys
Shivam	Accenture
Abhishek Jaiswal	Cognizant
Karandeep Singh	Oriental Carbon & Chemicals Limited
Raghav Goyal	Oriental Carbon & Chemicals Limited
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., Una
Meemansa Mishra	Studio Mosaic, New Delhi

## DEPARTMENTAL LABS



**EVENTS ORGANIZED**



**Industrial Visit at Pong Dam**



**Academic tour to Cold Store**



**Freshers' Party**



**Automobile Engineering Lab**



**Industrial Robot**



**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**  
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Email ID : ptubalkar@gmail.com

**Dr. Deepak Kumar Goyal**  
**Assistant Professor**  
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**Dr. Amoljit Singh Gill**  
**Assistant Professor**  
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**Dr. Vivek Aggarwal**  
**Assistant Professor**  
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**Dr. Manoj Mittal**  
**Assistant Professor**  
Mobile No. : 90415 63833  
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## 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 22<sup>nd</sup> February 2023
- Expert talks on 'Smart grid' and 'Solar photovoltaic and future trends' were held on 1<sup>st</sup> March 2023 and 15<sup>th</sup> March 2023, respectively.
- Talent hunt for the students of B.Tech EE 2<sup>nd</sup> semester was held on 5<sup>th</sup> April 2023. Krishan Kant of 6<sup>th</sup> semester bagged the 1<sup>st</sup> prize while Kuldeep of 4<sup>th</sup> semester won the 2<sup>nd</sup> prize and Neeraj Bhatia won the 3<sup>rd</sup> position.

## OTHER ACHIEVEMENTS OF STUDENTS

- Prajjwal Pathania of 5th semester participated in Inter Departmental Debate during Engineers Day and bagged the 3rd position on 15th September 2022.
- Prajjwal Pathania of 5th semester participated in Quiz during Engineers Day and bagged the 1st position on 15th September 2022.
- Prajjwal 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 2<sup>nd</sup> position on 18<sup>th</sup> May 2023.
- Pushpinder Rana of 6<sup>th</sup> semester participated in “Run for remembrance” to pay homage to Pulwama Martyr’s on 14<sup>th</sup> February 2024 and bagged the 3<sup>rd</sup> position in Men category
- Ankit Chaudhary of 3<sup>rd</sup> semester participated in Virasat-E-Punjab Bhangra competition on 7<sup>th</sup> September 2024 at DAV University Jalandhar
- Ankit Chaudhary of 3<sup>rd</sup> semester participated in “Run for remembrance” to pay homage to Pulwama Martyr’s on 14<sup>th</sup> February 2024
- Ankit Chaudhary of 2<sup>nd</sup> semester 21 PB BN NCC Kapurthala participated in Cultural dance CATC-33 during 10<sup>th</sup> Jan to 19<sup>th</sup> Jan 2024 at DAV University Jalandhar
- Ankit Chaudhary of 2<sup>nd</sup> semester participated in bridge crafting competition during Technophilia 24 and bagged the 2<sup>nd</sup> position organized by Civil Engg department
- Lalit Kaundal of 6<sup>th</sup> 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 6<sup>th</sup> semester attended the webinar on Electric vehicle charging infrastructure in India-simplified on 20-06-2024
- Surjit kumar of 2<sup>nd</sup> semester participated in Poster making competition organized by NCCwing on 14<sup>th</sup> February 2024 and bagged the 1<sup>st</sup> position
- Surjeet of 2<sup>nd</sup> semester participated in “Run for remembrance” to pay homage to Pulwama Martyr’s on 14<sup>th</sup> February 2024
- Surjit kumar of 2<sup>nd</sup> semester participated in bridge crafting competition during Technophilia 24 and bagged the 2<sup>nd</sup> position organized by Civil Engg department
- Surjit kumar of 1<sup>st</sup> semester participated in poster making competition on the occasion of World entrepreneur day on 21<sup>st</sup> August 2023
- Surjit kumar of 3<sup>rd</sup> semester participated in poster making competition organized by Pollution control board on 7<sup>th</sup> September 2024 and bagged the 1<sup>st</sup> rank
- Kamalpreet Kaur of 1<sup>st</sup> semester participated in Clay modelling competition on 15<sup>th</sup> September 2023 and bagged the 2<sup>nd</sup> position
- Harsh Sarpal of 6<sup>th</sup> semester 21 PB BN NCC Kapurthala participated in Tug of war during 18<sup>th</sup> Jan to 29<sup>th</sup> Jan 2025
- Harsh Sarpal of 2<sup>nd</sup> semester 21 PB BN NCC Kapurthala participated in combined annual training camp of National cadet corps during 10<sup>th</sup> July to 19<sup>th</sup> July 2023
- Akshay Pal participated in AI for students: Build your own generative AI model on 24<sup>th</sup> February 2024



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



**Md Arif B.Tech 7<sup>th</sup> Semester bagged 1<sup>st</sup> 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

#### **Batch 2022-2026**

- Aman Kumar selected by Pearce Services-Joint Campus Placement Drive, held on 11<sup>th</sup> September 2025 at IKG PTU Main campus Kapurthala
- Archit Guleria selected by Pearce Services-Joint Campus Placement Drive, held on 11<sup>th</sup> September 2025 at IKG PTU Main campus Kapurthala
- Divjot Singh selected by Pearce Services-Joint Campus Placement Drive, held on 11<sup>th</sup> September 2025 at IKG PTU Main campus Kapurthala
- Harsh Sarpal selected by Pearce Services-Joint Campus Placement Drive, held on 11<sup>th</sup> September 2025 at IKG PTU Main campus Kapurthala
- Mohit Rana selected by Pearce Services-Joint Campus Placement Drive, held on 11<sup>th</sup> September 2025 at IKG PTU Main campus Kapurthala
- Archit Guleria selected by HR Team, Unlox Academy, Bangalore, as Business Development Associate on 3<sup>rd</sup>

### Higher studies and All India 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

- **Akhil Gupta**, “Multivibrators operated anti-islanding protection scheme with frequency and voltage control for a utility-grid integrated SPV/battery energy system”, *Journal of Harbin Institute of Technology (New Series)*, vol. 32(2), pp. 38-54, 2025
- **Akhil Gupta**, “Optimizing solar panel performance using LSTM-Driven MPPT controllers for enhanced efficiency,” In: Proceedings of 3<sup>rd</sup> International conference on Women Researchers in Electronics and Computing (WREC'25) Theme: Sustainable development goals, 18-19 April 2025, organized by Dr BR Ambedkar National Institute of Technology, Jalandhar, Punjab, India
- **Akhil Gupta, and Naveen Kumar Sharma**, “A critical review and performance analysis of SPV MPPT Techniques at maximum power”, In: Proceedings of 3<sup>rd</sup> International IEEE conference on Computer, Electronics, Electrical Engineering and Their Applications (IC2E3-2025), 15-16 May 2025, National Institute of Technology, Uttarakhand, Srinagar, Pauri (Garhwal)-246174 Uttarakhand, Electronic ISBN:979-8-3315-2439-5
- **Ballinder Singh, Akhil Gupta, and Naveen Kumar Sharma**, “Comparative analysis of harmonic analysis for the improvement of PQ using DVR, D-STATCOM and UPQC”, In: Proceedings of 3<sup>rd</sup> International IEEE conference on Computer, Electronics, Electrical Engineering and Their Applications (IC2E3-2025), 15-16 May 2025, National Institute of Technology, Uttarakhand, Srinagar, Pauri (Garhwal)-246174 Uttarakhand, Electronic ISBN:979-8-3315-2439-5
- **Vikasdeep Singh Sidhu, Naveen Kumar Sharma, and Akhil Gupta**, “Renewable Energy Integration through AI-Optimized Hybrid AC/DC Microgrids with Blockchain Trading and Hydrogen Storage” in Proceedings of 2025 Second International Conference on Systems, Control and Automation (ICSCA-2025) December 26-27, 2025, organized by Department of Electrical Engineering, National Institute of Technology, Kurukshetra, Haryana India 136119
- **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 15<sup>th</sup> 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 <sup>st</sup> 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 <sup>nd</sup> Prize	Inter-College tournament Volleyball Team
Harmanpreet Singh	2 <sup>nd</sup> Prize	Inter-College tournament Volleyball Team
Archit Sharma	2 <sup>nd</sup> Prize	Inter-College tournament Volleyball Team
Anmol Kaila	1 <sup>st</sup> Prize	Engineer’s Day Hardware demonstration
Neel Mani	3 <sup>rd</sup> Position	Business Plan Competition
Vishal	3 <sup>rd</sup> Position	Business Plan Competition
Harshdeep Rai	2 <sup>nd</sup> Position	Engineer’s Day Ad. Mad show
Ruhi Kumari	3 <sup>rd</sup> Prize	Engineer’s Day Hardware demonstration
Praveen Kumar	3 <sup>rd</sup> 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**



**134<sup>th</sup> Birth anniversary of Bharat Ratna Dr BR Ambedkar day on 30<sup>th</sup> April 2025**



**Workshop "Solar Energy System for Sustainable Development and Automation", on 6<sup>th</sup> November 2025**



**One day workshop Emerging challenges and opportunities in current electric power systems on 9<sup>th</sup> April 2025**



**Alumni talk by Batch 2020-2024 to the students of EE Department**



**Lohri celebrations of 2025**



**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	B. Tech. (Artificial Intelligence and Machine Learning)*	30	4 Years
4	M. Tech. (Electronics & Communication Engineering)	18	2 Years
5	B. Voc. (Electrical Technician)	30	3 Years
6	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. 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**

<b>Project Title/Details</b>	<b>Sanctioned Amount (Lacs)</b>	<b>Funding Agency</b>	<b>Principal/Co-Principal Investigator</b>
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**

<b>Title of Invention</b>	<b>Patent Number/ Application Number</b>	<b>Name of Inventor</b>
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
Fold able solar powered radio frequency charger	446649-001	Dr Rakesh Goyal Ms Meenakshi Sansoy

**SOME MAJOR PLACEMENTS**

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)
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 <sup>rd</sup> Prize & Rs. 5000/- Cash	Project Model Display, Innotech, Pushpa Gujral Science City, Kapurthala
Mr. Sourav	3 <sup>rd</sup> 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 <sup>nd</sup> Position	HackMOL4.0, Dr. B. R Ambedkar National Institute of Technology, Jalandhar
Raushan Kumar Bharti, Bikash Kumar, Jyoti and Swaraj Swain	1 <sup>st</sup> Prize and Rs. 1 lakh cash	IIT Roorkee
Rahul Ranjan	1 <sup>st</sup> Prize & Rs. 5100/- cash	GNA University, Phagwara

### Department Laboratories



**Communication Laboratory**



**Digital Circuit Logic Design Laboratory**



**Electronic Devices Circuits Laboratory**



**Project 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 IKGPTU 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](mailto: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 up gradation of various technical and professional skills with up-to-date software training and has well-established labs with advance testing facilities.

### PROGRAMMES OFFERED

Sr. No.	Programme 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

- Beam & Column Joints under Opening Bending Moment
- Bio Inspired Solution to Civil Engineering
- Ground Improvement
- Project Management
- Materials
- Soil Liquefaction
- Unified Flexural behaviour of Steel Fiber Reinforced Concrete
- Utilisation of MICP in Soils.
- Waste to Energy


### FACULTY MEMBERS

Name	Designation	Experience	Specialization
Dr. Rajiv Chauhan	Associate Professor and Head	22 years	Geotechnical Engineering
Dr. Neeru Singla	Assistant Professor	21 years	Structural Engineering

### RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

- Paper Presentations in National Conferences : 10
- Paper Presentations in International Conferences : 44
- Books/Book Chapters Published : 15
- Research Scholars Guiding (PhD) : 01
- Research Publications in National Journals : 08
- Research Publications in International Journals : 22
- Patents : 01
- Research Scholars Guided : 03

## MOU's Signed / Major Placements / Internships / Higher Studies

Organization	Student Name	Company's Logo
<b>MOU's Signed</b>		
Aimil		
Department of Water Supply & Sanitation Punjab		
<b>Major Placements</b>		
Congruex	MD. Kadir (2026) Final Year	
Kaziranga (Assam)	Chandan Borah 2025	
Ahluwalia Contracts India Ltd.	Vishwajit Singh 2025	
TTC Infra India	Neelanjan Paul 2025	
<b>Internships / 6 Months Training</b>		
Mexmon Dreams	Kajal, Manpreet Kaur	
Housing & Urban Development Authority (H.P)	Prateek Sharma	
PWD Dehra Gopipur (HP)	Kavya Sharma	
PWD Jalandhar	Harish	
PWD Hamirpur (H.P)	Rahul Dhiman	
PWD Kangra (HP) Nagrota Surian	Ayush Kalihar	
<b>Higher Studies</b>		
NIT Hamirpur	Chandan Rathour	
NIT Hamirpur	Akhil Sharma	
NIT Hamirpur	Lakshay Koundal	
NIT Hamirpur	Ankit	
NIT Kurukshetra	Hardik Bajaj	

## DEPARTMENT LABORATORIES



**Computer Aided Design (CAD) Lab**



**Fluid Mechanics Lab**

**CBR Apparatus**

**Concrete Testing machine**



Geotechnical **Engineering** Lab



Concrete **Technology** Lab



Transportation **Engineering** Lab



Surveying **Lab**



Environmental **Engineering** Lab



Structural **Engineering** Lab



Field visit of **Geotechnical** Lab

## EVENTS ORGANIZED



**Seminar on Changed Trend of Job Market**



**Talk on Seismography by Expert**



**Diwali Celebration 2025**



**Engineers Day Celebration 2025**



**Survey Camp 2025**

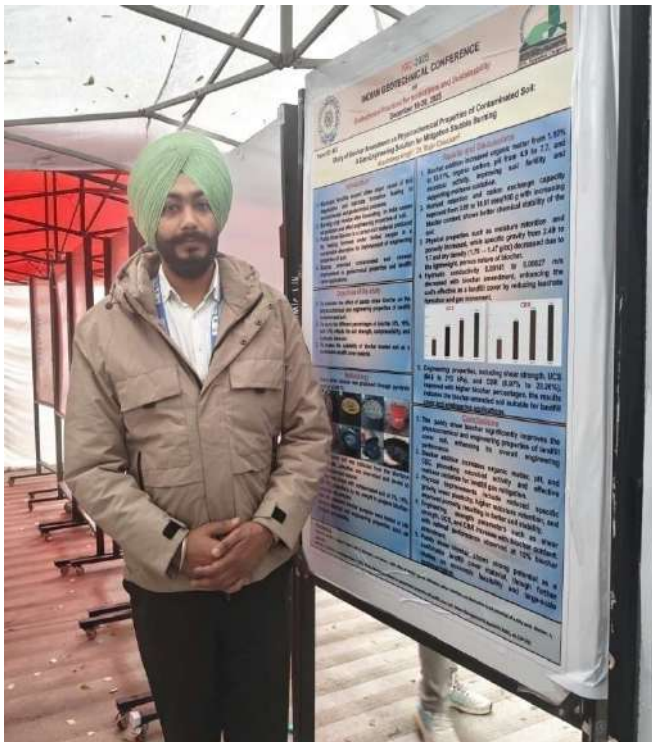


**National Youth Day Celebration**



**Schools Principals invited at Students Fresher Party IKGPTU Main Campus**

**Visits & Participations**



**Student Akashdeep Singh Participated at IGC 2025 in NIT Jalandhar**



**Attended Conference at NIDM New Delhi**



**Student Shubhjit Singh at NCC Camp Delhi**



**Student Anmol wins Gold Medal in Karate at State Level**



**Students Attended Tunnel Workshop at TIET, Patiala**



**Student Damanpreet Kaur participated in NSS Camp**

## FACILITIES



**FULLY AC & WIFI CLASS ROOMS**



**CLEAN & GREEN CAMPUS**



**BOYS & GIRLS HOSTEL**



**INDOOR GYM**



**LIBRARY**



**PTU BUILDING**

## Contact for Admission

**Dr. Rajiv Chauhan**

Associate Professor and Head

Email ID: [dr.rajivchauhan@ptu.ac.in](mailto:dr.rajivchauhan@ptu.ac.in) /

Contact No. : 9465884852

**Please visit our Website Page :**

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

**Dr. Sanjeev Bansal**

Assistant Professor

Contact No. : 94780-98072

**For more information Please visit our face book page**

<http://www.facebook.com/profile.php?id=100054531367518&mibextid=ZbWKwL>

## 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), Bachelor of Commerce (Hons.) 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.	B. Com (Hons.)	30	3 years
4.	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	Professor & HoD	27 Years	Marketing Management
Dr. Kapil Gupta	Assistant Professor	22 Years	Finance and Accounting
Dr. Mandeep Kaur	Assistant Professor	22 Years	Finance
Dr. Pooja Mehta	Assistant Professor	19 Years	Human Resource Management
Dr. Sanjeev Kumar Bansal	Assistant Professor	28 Years	Accounting and Finance
Dr Roopali Batra	Assistant Professor	22.5 Years	Finance
Dr. Rajpreet Kaur	Assistant Professor	17 Years	Human Resource Management

### RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

- Paper Presentations in National Conferences - 140
- Paper Presentations in International Conferences - 157
- Research Publications in National Journals - 139
- Research Publications in International Journals - 137
- Books / Book Chapters Published - 13 / 173
- Projects Undertaken by Faculty - 3
- Research Scholars Guiding (PhD) - 18
- 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 6,23,700	UGC	Principal Investigator- Dr. Harmeen Soch
Price Discovery and Arbitrage Efficiency in the Indian Equity Futures and Cash Markets	Rs. 50,000	NSE	Dr. Kapil Gupta, Dr. Balwinder Singh (Co – Principal Investigators)

**SOME MAJOR TRAINING & PLACEMENTS**

Student Name	Company
<b>PLACEMENTS</b>	
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
Arun Kumar	TeamLease Services Limited
Sukhman	Growtho
Vishali	Docmize Solution Pvt. Ltd.
Tamanna	Cyspace innovation Consultants Private limited
<b>SUMMER TRAINING</b>	
Aditi, Aish Mahajan, Gursimranjeet Singh, Ishan Chopra, Kirandeep Kaur, Manpreet Kaur and Samriti Vashisht	Verka Milk Plant, Jalandhar
Manpreet Kaur	Momjunction Private Limited
Muskan	TeamLease
Rajender Kumar	A. Singhi & Associates
Rozal, Yash Kumar Bhardwaj, Vipanjit Kaur, Sonali, Harsimran Sembhi and Namanpreet Kaur	Solitaire Infosys
Shivansh Singh	Hindustan Aeronautics limited
Sparsh Chaturvedi	Bharat Coking Coal Limited (BCCL)
Ajay Kumar	Agile Capital Services
Gurleen Kaur and Saloni Walia	Kapurthala Central Cooperative Bank
Harleen Kaur	Solitaire Infosys
Harsimarn Kaur	ThinkNext
Muskanpreet Kaur	Verka Milk Plant, Jalandhar
Rinki	ITC Limited

**AWARDS / ACHIEVEMENTS OF STUDENTS AND FACULTY MEMBERS**

<b>Name</b>	<b>Award / Achievement</b>	<b>Event / Institution</b>	<b>Month-Year</b>
Dr. Kapil Gupta, Assistant Professor (Management)	Certificate of Recognition for Academic Promise in Higher Education	10 <sup>th</sup> Education Leaders Conclave & Awards, Chandigarh organised by ObserveNow Media	June, 2025
Dr. Rajpreet Kaur, Assistant Professor (Management)	Best Research Paper Award	National Seminar on Indian Knowledge System through Libraries: Manuscript to AI Era organized by I K Gujral Punjab Technical University, Kapurthala	April, 2025
Dr. Mandeep Kaur, Assistant Professor (Management)	Best Academician Award	The two-days International Conference on Indian Knowledge System: From Glorious Past to Bright Future jointly organised by I. K. Gujral Punjab Technical University, Kapurthala; Maharaja Agrasen University, Baddi and Baba Mastnath University, Rohtak	April, 2025
Naina, Adish and Kapil Gupta	Best Paper Award (Management Track)	The two-days International Conference on Indian Knowledge System: From Glorious Past to Bright Future jointly organised by I. K. Gujral Punjab Technical University, Kapurthala; Maharaja Agrasen University, Baddi and Baba Mastnath University, Rohtak	April, 2025
Adish Kumar and Upasana Seth (Research Scholars)	Young Researcher Award	The two-days International Conference on Indian Knowledge System: From Glorious Past to Bright Future jointly organised by I. K. Gujral Punjab Technical University, Kapurthala; Maharaja Agrasen University, Baddi and Baba Mastnath University, Rohtak	April, 2025
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
Upasna Seth (Senior Research Fellow)	1 <sup>st</sup> 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 <sup>st</sup> 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 <b>India Finance Conference-2016</b> 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 <sup>nd</sup> year)	Internship Assignment at Semarang, Indonesia	IKGPTU Youth Global Internship Programme	February, 2019

#### **EVENTS ORGANIZED / STUDENT ACTIVITIES**

- ❖ Organised an Expert Talk on **Healthy Life Style and Stress Management** by Dr. Trimaan Singh Sikand, D. M. Neurology, Fortis Hospital, Jalandhar on February 12, 2026.
- ❖ The Department of SVEEP Activities and Department of Student Welfare celebrated **National Voters' Day and Observed Voters' Pledge** on January 26, 2026.
- ❖ ORGANISED A **DRUG DE-ADDICTION PROGRAM** BY Dr. Sandeep Bhola, Member of the Indian Addiction Psychiatric Society on October 30, 2025.
- ❖ Organised **TRAFFIC AWARENESS PROGRAM** BY S. Gurbachan Singh, Retd. ASI of the Traffic Police, Kapurthala on October 29, 2025.
- ❖ The department has conducted an expert talk entitled **Insights – Corporate Functions** by Mr. Vishal Dogra, Agri Business Head, Procus Ghana Limited, Ghana on August 18, 2025.
- ❖ Organised an expert session on **Marketing Growth and Strategies** by Mr. Amit Madaan, Chairman, International Board of Startup & Entrepreneurship on August 1, 2025.
- ❖ Sh. Mirginder Singh Bedi, Assistant Director, Training and Placement, IKGPTU interacted with the students of BBA, MBA and BHMCT on July 31, 2026 and made students aware about the **Start-up Ecosystem and various initiatives of Incubation Centre** at IKGPTU.
- ❖ The department has organised an interactive session on **hygiene and Food Safety** by Dr. Rajinder Pal Singh, Assistant Commissioner, Food, Amritsar on July 29, 2025.
- ❖ The department has organised an invited talk on **Career Counseling for Students of BBA, MBA and BHMCT** by Mr. Gursimran Singh Oberoi, Founder & Managing Director – Institute of Professional Banking on APRIL 22, 2025.
- ❖ The Centre for Extension and Outreach Activities, IKGPTU has organised an **International Conference on 'Indian Knowledge System: From Glorious Past to Bright Future'** in collaboration with Maharaja Agrasen University, Baddi and Baba Mastnath University, Rohtak on April 4-5, 2025

- ❖ The Centre for Extension and Outreach Activities, IKGPTU has organised **One Week National Workshop on Recent Advances in Research Methodology & Data Analysis** in collaboration with Maharaja Agrasen University, Baddi from September 23-28, 2024.

### DEPARTMENT LABORATORIES



**Computer Laboratory at Department of Management Studies**

### GLIMPSES OF EVENTS ORGANISED AND STUDENTS' ACTIVITIES OF DEPARTMENT



**Expert Talk on Healthy Life Style and Stress Management by Dr. Trimaan Singh Sikand, Fortis Hospital, Jalandhar on February 12, 2026**



**Celebrating National Voters' Day and Observing Voter Pledge on January 26, 2026**



**Traffic Awareness Program by S. Gurbachan Singh, Retd. ASI of the Traffic Police, Kapurthala on October 29, 2025**



**Drug De-addiction Program by Dr. Sandeep Bhola, Member of the Indian Addiction Psychiatric Society on October 30, 2025**



**Interactive Session by Dr. Rajinder Pal Singh, Assistant Commissioner, Food, Amritsar on July 29, 2025**



**Interactive Session by Mr. Amit Madaan, Chairman, International Board of Startup & Entrepreneurship on August 1, 2025**

**पंजाब केसरी** TUE, 12 AUGUST 2025  
EDITION: KAPURTHALA KESARI, PAGE NO. 1

## आई.के.जी. पी.टी.यू. के मैनेजमेंट विभाग ने एस.आई.पी. 2025 श्रृंखला में 02 एक्सपर्ट लेक्चर आयोजित किए

कपूरथला/जालंधर, 11 अगस्त (महाजन): आई.के. गुजराल पंजाब टेक्निकल यूनिवर्सिटी (आई.के.जी. पी.टी.यू.) मुख्य परिसर के मैनेजमेंट डिपार्टमेंट (प्रबंधन अध्ययन विभाग) और होटल मैनेजमेंट विभाग ने अगस्त 2025 के पहले सप्ताह तक स्टूडेंट्स



स्टूडेंट्स इंटरैक्शन प्रोग्राम (एस.आई.पी.) 2025 के सफलतापूर्वक आयोजन का दृश्य। (योगेश)

विभागीय दौरा भी करवाया गया। इस एस.आई.पी. श्रृंखला में, मुख्य वक्ताओं में सहायक आयुक्त (खाद्य सुरक्षा) डॉ. राजेंद्र पाल शामिल थे, जिन्होंने स्वच्छता एवं खाद्य सुरक्षा प्रथाओं पर बात की। इसके अलावा अमित मदान, अध्यक्ष, अंतर्राष्ट्रीय स्टार्टअप एवं उद्यमिता बोर्ड, जिन्होंने उद्यमिता और विकास रणनीतियों पर चर्चा की। डॉ. मुग्ध बेदी ने आई.के.जी. पी.टी.यू. मुख्य परिसर में उपलब्ध स्टार्टअप पारिस्थितिकी तंत्र एवं इनव्यूबेशन सुविधाओं के बारे में जानकारी प्रदान की। कुलपति प्रो. (डॉ.) सुरील मित्तल का शुभकामना संदेश भी छात्रों के साथ साझा किया गया।

**पाठक एवं एजेंट नोट करें**  
पंजाब केसरी, जग बाणी एवं हिन्दू समाचार में विज्ञापन एवं सर्कुलेशन संबंधी पूछताछ एवं किसी समस्या के बारे में निम्नलिखित नम्बर पर सम्पर्क करें :  
**0181-2212121**  
ई-मेल : [jagbani@pkesari.in](mailto:jagbani@pkesari.in)

इंडक्शन प्रोग्राम (एस.आई.पी.) 2025 का सफलतापूर्वक आयोजन किया। इस कार्यक्रम का उद्देश्य बी.बी.ए., एम.बी.ए. एवं बी.एच.एम.सी.टी. जैसे पाठ्यक्रमों में नव प्रवेशित छात्रों का स्वागत करना था। साथ ही उन्हें शैक्षणिक प्रक्रियाओं, परिसर की सुविधाओं एवं संबंधित पाठ्यक्रमों में करियर के अवसरों के बारे में

जानकारी प्रदान करना भी था। बी.बी.ए., एम.बी.ए. एवं बी.एच.एम.सी.टी. कार्यक्रमों में प्रवेश (एडमिशन) जारी हैं, जिसकी अंतिम तारीख 14 अगस्त, 2025 है। इस कार्यक्रम में विशेषज्ञ वार्ताएं, इंटरैक्टिव सत्र और छात्रों को विश्वविद्यालय जीवन के अनुकूल बनाने में मदद करने के लिए एक



**Expert Talk by Mr. Vishal Dogra, Agri Business Head, Procus Ghana Limited, Ghana August 18, 2025**



**Expert talk by Mr. Gursimran Singh Oberoi, Founder & Managing Director – Institute of Professional Banking on April 22, 2025**



**International Conference on Indian Knowledge System: From Glorious Past to Bright Future jointly organised by I. K. Gujral Punjab Technical University, Kapurthala; Maharaja Agrasen University, Baddi and Baba Mastnath University, Rohtak on April 4-5, 2025**

**पंजाब केसरी** SAT, 12 APRIL 2025  
EDITION: KAPURTHALA KESARI, PAGE NO. 4

### आई.के.जी. पी.टी.यू. में भारतीय ज्ञान प्रणाली 'गौरवशाली अतीत से उज्ज्वल भविष्य तक' विषय पर अंतर्राष्ट्रीय सम्मेलन आयोजित

कपूरथला/जालंधर, 11 अप्रैल (महाजन): आई.के. गुजराल पंजाब टेक्निकल यूनिवर्सिटी (आई.के.जी. पी.टी.यू.) में भारतीय ज्ञान प्रणाली 'गौरवशाली अतीत से उज्ज्वल भविष्य तक' विषय पर अंतर्राष्ट्रीय सम्मेलन आयोजित किया गया।

सम्मेलन में अंतर्राष्ट्रीय विद्वानों, शोधकर्ताओं, शिक्षकों, छात्रों और आम जनता का भाग लेना शामिल था।

सम्मेलन के मुख्य अतिथि में डॉ. सुरील मित्तल, कुलपति, आई.के.जी. पी.टी.यू. शामिल थे।

सम्मेलन के उद्देश्य में भारतीय ज्ञान प्रणाली के विकास, अनुसंधान और प्रवर्धन को प्रोत्साहित करना शामिल था।

सम्मेलन के दौरान अंतर्राष्ट्रीय विद्वानों ने भारतीय ज्ञान प्रणाली के विकास, अनुसंधान और प्रवर्धन को प्रोत्साहित करने के लिए एक

# आई.के.जी पी.टी.यू. में शोध पद्धति एवं डाटा विश्लेषण विषय पर एक सप्ताह की राष्ट्रीय कार्यशाला आयोजित

कपूरथला/जालंधर, 9 अक्टूबर (महानज/महोत्सव): आई.के.जी.पी.टी.यू. में शोध पद्धति एवं डाटा विश्लेषण विषय पर एक सप्ताह की राष्ट्रीय कार्यशाला का आयोजन किया गया। यह कार्यशाला मिश्रित (ऑनलाइन ऑफलाइन) और कार्याई गई। कार्यशाला का आयोजन आई.के.जी.पी.टी.यू. के कुलपति प्रो. (डॉ.) सुशील मिश्र एवं एम.ए.यू. के कुलपति प्रो. (डॉ.) आर.के. गुप्ता की पहल पर किया गया है, ताकि छात्रों, शोधार्थियों एवं संकाय सदस्यों को शोध डिजाइन, पद्धति और डाटा विश्लेषण सम्बन्धी कौशल में शोध प्रगति से अवगत करवाया जा सके। कुलपति प्रो. (डॉ.) सुशील मिश्र एवं रजिस्ट्रार डॉ. एस.के. मिश्रा ने टीम को छात्रों एवं शोधार्थियों के शैक्षणिक विकास के लिए इस तरह के शैक्षणिक कार्यक्रम आयोजित करने के लिए प्रेरित किया। एवं विश्वविद्यालयों से प्रबंधन, कंप्यूटर विज्ञान, इंजीनियरिंग, फार्मास्यूटिकल



आई.के.जी पी.टी.यू. में शोध पद्धति एवं डाटा विश्लेषण विषय पर आयोजित एक राष्ट्रीय कार्यशाला का दृश्य।

साइंसेज, एग्रीकल्चर साइंसेज, कानून आदि जैसे विभिन्न विषयों से 80 से अधिक छात्रों, शोध विद्वानों एवं संकाय सदस्यों ने कार्यशाला में भाग लिया है। मेखान आई.के.जी.पी.टी.यू., एम.ए.यू. और पंजाब विश्वविद्यालय, जेडीगढ़ जैसे प्रसिद्ध विश्वविद्यालयों के संकाय सदस्यों ने संसाधन व्यक्तियों के रूप में कार्य किया और कार्यशाला में विभिन्न तकनीकी सत्र आयोजित किए।

प्रो. (डॉ.) उपासना जोशी, निदेशक आई.सी.एस.एस.आर., उत्तर पश्चिमी क्षेत्र पंजाब विश्वविद्यालय, जेडीगढ़ ने शुभारंभ के अवसर पर मुख्य भाषण दिया एवं प्रो. डॉ. एच.एन.बर्मा, कुलपति, बाबा भस्तरनाथ विश्वविद्यालय, रोहतक ने उद्घाटन समारोह की अध्यक्षता की। केवल सिंह पटानिया, उप मुख्य सनेलक, आई.एन.सी., डिमानल ग्रंथालय ने 28 सितंबर, 2024 को कार्यशाला के समापन सत्र की

अध्यक्षता की। कार्यशाला की सामग्री को शोध डिजाइन, नमूनाकरण की अवधारणाओं, परिकल्पना परीक्षण, विश्लेषण के लिए विभिन्न विश्लेषणालयिक उपकरणों के परिचय के साथ शुरू करने के लिए डिजाइन किया गया था। इसमें रिपोर्ट लेखन की कला और विज्ञान का चयन किया गया था तथा शोधकर्ता अपने शोध प्रश्नों को अच्छी गुणवत्ता वाली पश्कियों में प्रकाशन के लिए कैसे तैयार कर सकते हैं, के बारे में विस्तार से जानकारी दी गई। आई.के.जी.पी.टी.यू. के कुलपति प्रो. (डॉ.) सुशील मिश्र ने प्रतिभागियों को कार्यशाला के दौरान अपने शोध में सीखने और शोध स्वतंत्र, अच्छी गुणवत्ता वाली पत्रिकाओं में शोध विवर प्रकाशित करने के लिए प्रोत्साहित किया। उन्होंने इस बात पर भी जोर दिया कि शोध में अखंडता ही शोध का मूल सिद्धांत है। एम.ए.यू. के कुलपति प्रो. (डॉ.) आर.के. गुप्ता ने वर्तमान प्रतिशाल बातवरण के दौरान निरंतर सीखने की भूमिका पर जोर दिया और कहा कि डाटा एनालिटिक्स के बारे में सीखना शोधार्थियों और संकाय सदस्यों के लिए उनके शिक्षण एवं अनुसंधान में बहुत उपयोगी होगा।

One Week National Workshop on Recent Advances in Research Methodology & Data Analysis organized in collaboration with Maharaja Agrasen University, Baddi from September 23-28, 2024.



Farewell Party of Students  
On April 9, 2025



FRESHER'S PARTY OF STUDENTS  
ON OCTOBER 17, 2025

**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 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

Focuses on emerging trends such as experiential travel, wellness tourism, personalization, digital bookings, and changing guest expectations shaping the global hospitality industry.

#### • Sustainable Tourism and Green Hotel Practices

Covers eco-friendly operations, energy and water conservation, waste management, responsible sourcing, and sustainable practices that reduce environmental impact while enhancing brand value.

#### • Customer Experience and Service Excellence

Emphasizes delivering consistent, memorable guest experiences through service quality, emotional engagement, personalization, and effective handling of guest feedback and complaints.

#### • Technology in Hotel Management

Explores the use of property management systems (PMS), automation, artificial intelligence, online distribution channels, and data analytics to improve operational efficiency and guest satisfaction.

#### • Revenue Management and Pricing Strategies

Deals with demand forecasting, dynamic pricing, yield management, and maximizing revenue through strategic room pricing and inventory control.

#### • Hospitality Marketing and Social Media

Focuses on branding, digital marketing, online reputation management, influencer marketing, and the effective use of social media platforms to attract and retain guests

#### • Human Resources and Employee Motivation

Covers recruitment, training, performance management, leadership styles, employee engagement, and motivation techniques to build a productive hospitality workforce.

#### • Crisis Management and Business Continuity

Addresses preparedness and response strategies for emergencies such as pandemics, natural disasters, and operational crises to ensure safety, resilience, and continuity of business operations.

#### • Hotel Branding and Market Positioning

Examines brand identity, brand standards, competitive positioning, and strategies to differentiate hotels in a highly competitive marketplace.

#### • Hotel Operations and Process Improvement

Focuses on optimizing daily hotel operations, standard operating procedures (SOPs), quality control, and continuous improvement for enhanced efficiency and service delivery.

**FACULTY MEMBER**

Name	Designation	Experience	Specialization
Dr. Harmeen Soch	Professor & HoD	26 Years	Marketing Management

**SOME MAJOR TRAINING & PLACEMENTS**

Student Name	Company
Mannat	The Lalit (Chandigarh)
Mehak	The Lalit (Chandigarh)
Khushi	The Lalit (Chandigarh)
Damini	The Lalit (Chandigarh)
Jeewan Thaper	The Orchid (Zirakpur)
Gurwinder Kaur	The Orchid (Zirakpur)
Nandini	The Orchid (Zirakpur)
Keshav Sharma	Shiv Vilas (Jaipur)
Anmolpreet Kaur	Shiv Vilas (Jaipur)
Arsheen	Shiv Vilas (Jaipur)
Kashyap	Shiv Vilas (Jaipur)
Pankush	Shiv Vilas (Jaipur)
Radhika	Shiv Vilas (Jaipur)
Sharnjeet Kaur	Shiv Vilas (Jaipur)
Shaveta	Shiv Vilas (Jaipur)
Abhanish Kumar	Fairmont (Jaipur)
Jaspreet Kaur	Fairmont (Jaipur)
Manavdeep Singh	Fairmont (Jaipur)
Sajan Kumar	Fairmont (Jaipur)
Sajanpreet Singh	Fairmont (Jaipur)
Hari Singh Matharu	Fairmont (Jaipur)
Arshdeep Singh	The Lalit (Chandigarh)
Jyoti	The Lalit (Chandigarh)
Ravjot Kaur	The Lalit (Chandigarh)
Mamta Rani	The Lalit (Chandigarh)
Damanpreet Kaur	The Lalit (Chandigarh)

**EVENTS ORGANIZED / STUDENT ACTIVITIES**

- ❖ Organised an Expert Talk on **Healthy Life Style and Stress Management** by Dr. Trimaan Singh Sikand, D. M. Neurology, Fortis Hospital, Jalandhar on February 12, 2026.
- ❖ The Department of SVEEP Activities and Department of Student Welfare celebrated **National Voters' Day and Observed Voters' Pledge** on January 26, 2026.
- ❖ Organised a **Drug De-addiction Program** by Dr. Sandeep Bhola, Member of the Indian Addiction Psychiatric Society on October 30, 2025.
- ❖ Organised **Traffic Awareness Program** by S. Gurbachan Singh, Retd. ASI of the Traffic Police, Kapurthala on October 29, 2025.
- ❖ The department has conducted an expert talk entitled **Insights – Corporate Functions** by Mr.

Vishal Dogra, Agri Business Head, Procus Ghana Limited, Ghana on August 18, 2025.

- ❖ Organised an expert session on **Marketing Growth and Strategies** by Mr. Amit Madaan, Chairman, International Board of Startup & Entrepreneurship on August 1, 2025.
- ❖ Sh. Mirgender Singh Bedi, Assistant Director, Training and Placement, IKGPTU interacted with the students of BBA, MBA and BHMCT on July 31, 2026 and made students aware about the **Start-up Ecosystem and various initiatives of Incubation Centre** at IKGPTU.
- ❖ The department has organised an interactive session on **Hygiene and Food Safety** by Dr. Rajinder Pal Singh, Assistant Commissioner, Food, Amritsar on July 29, 2025.
- ❖ The department has organised an invited talk on **Career Counseling for Students of BBA, MBA AND BHMCT** by Mr. Gursimran Singh Oberoi, Founder & Managing Director – Institute of Professional Banking on APRIL 22, 2025.
- ❖ The Centre for Extension and Outreach Activities, IKGPTU has organised an **International Conference on ‘Indian Knowledge System: From Glorious Past to Bright Future’** in collaboration with Maharaja Agrasen University, Baddi and Baba Mastnath University, Rohtak on April 4-5, 2025
- ❖ The Centre for Extension and Outreach Activities, IKGPTU has organised **One Week National Workshop on Recent Advances in Research Methodology & Data Analysis** in collaboration with Maharaja Agrasen University, Baddi from September 23-28, 2025.
- ❖ A Diwali Celebration was organized on October 16, 2025 with BHMCT students to celebrate Indian culture and traditions. The event promoted teamwork, cultural awareness, and a sense of unity, creating a positive and joyful learning atmosphere.
- ❖ An MCQ-based Quiz/Test was conducted on November 17, 2025 for BHMCT students to assess their subject knowledge, analytical ability, and professional awareness. The activity promoted healthy competition, and prizes were distributed to motivate students and enhance learning outcomes.

### DEPARTMENT LABORATORIES

#### KITCHEN LAB





**Practical Session in Kitchen Lab**



**Pizza made from scratch in kitchen lab**



**Indian Kitchen Practical**

**FOOD AND BEVERAGE PRACTIAL LAB**



**A Glimpse of Food and Beverage Practical Lab**



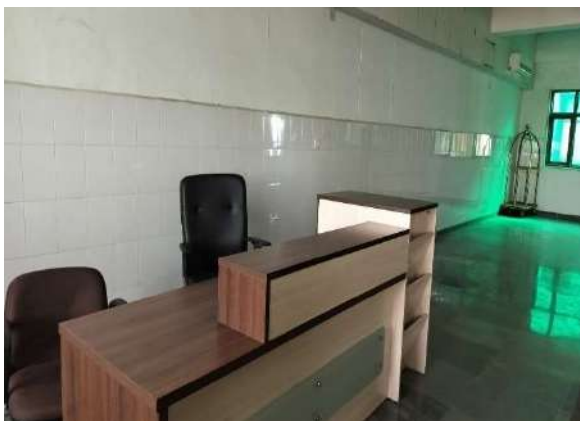
**FOOD AND BEVERAGE PRACTICAL**

**HOUSE KEEPING PRACTIAL LAB**



**HOUSEKEEPING PRACTICAL LAB**

**FRONT OFFICE PRACTIAL LAB**



**FRONT OFFICE PRACTICAL LAB**



**Computer Laboratory at Department of Hotel Management**

**GLIMPSES OF EVENTS ORGANISED AND STUDENTS' ACTIVITIES OF DEPARTMENT**



**Expert Talk on Healthy Life Style and Stress Management by Dr. Trimaan Singh Sikand, Fortis Hospital, Jalandhar on February 12, 2026**



**Celebrating National Voters' Day and Observing Voter Pledge on January 26, 2026**



**Traffic Awareness Program by S. Gurbachan Singh, Retd. ASI of the Traffic Police, Kapurthala on October 29, 2025**



**Drug De-addiction Program by Dr. Sandeep Bhola, Member of the Indian Addiction Psychiatric Society on October 30, 2025**



**Interactive Session by Dr. Rajinder Pal Singh, Assistant Commissioner, Food, Amritsar on July 29, 2025**



**Interactive Session by Mr. Amit Madaan, Chairman, International Board of Startup & Entrepreneurship on August 1, 2025**

**ਪੰਜਾਬ ਕੇਸਰੀ** TUE, 12 AUGUST 2025  
EDITION: KAPURTHALA KESARI, PAGE NO. 1

## आई.के.जी. पी.टी.यू. के मैनेजमेंट विभाग ने एस.आई.पी. 2025 श्रृंखला में 02 एक्सपर्ट लैक्चर आयोजित किए

कपूरथला/जालंधर, 11 अगस्त (महाजन): आई.के. गुजराल पंजाब टेक्निकल यूनिवर्सिटी (आई.के.जी. पी.टी.यू.) मुख्य परिसर के मैनेजमेंट डिपार्टमेंट (प्रबंधन अध्ययन विभाग) और होटल मैनेजमेंट विभाग ने अगस्त 2025 के पहले सप्ताह तक स्टूडेंट्स



स्टूडेंट्स इंटरैक्शन प्रोग्राम (एस.आई.पी.) 2025 के सफलतापूर्वक आयोजन का दृश्य। (गणेश)

विभागीय दौरा भी करवाया गया।

इस एस.आई.पी. श्रृंखला में, मुख्य वक्ताओं में सहायक आयुक्त (खाद्य सुरक्षा) डॉ. राजिंदर पाल शामिल थे, जिन्होंने स्वच्छता एवं खाद्य सुरक्षा प्रथाओं पर बात की। इसके अलावा अमित मदान, अध्यक्ष, अंतर्राष्ट्रीय स्टार्टअप एवं उद्यमिता बोर्ड, जिन्होंने उद्यमिता और विकास रणनीतियों पर चर्चा की।

डॉ. सुगेंद्र बेदी ने आई.के.जी. पी.टी.यू. मुख्य परिसर में उपलब्ध स्टार्टअप पारिस्थितिकी तंत्र एवं इनक्यूबेशन सुविधाओं के बारे में जानकारी प्रदान की। कुलपति प्रो. (डॉ.) सुशील मिश्र का शुभकामना संदेश भी छात्रों के साथ साझा किया गया।

**पाठक एवं एजेंट नोट करें**  
पंजाब केशरी, जग बाणी एवं हिन्दू समाचार में विज्ञापन एवं सर्कुलेशन संबंधी पूछताछ एवं किसी समस्या के बारे में निम्नलिखित नम्बर पर सम्पर्क करें :  
**0181-2212121**  
ई-मेल : [jagbani@pkesari.in](mailto:jagbani@pkesari.in)

इंटरैक्शन प्रोग्राम (एस.आई.पी.) 2025 का सफलतापूर्वक आयोजन किया। इस कार्यक्रम का उद्देश्य बी.बी.ए., एम.बी.ए. एवं बी.एच.एम.सी.टी. जैसे पाठ्यक्रमों में नव प्रवेशित छात्रों का स्वागत करना था। साथ ही उन्हें शैक्षणिक प्रक्रियाओं, परिसर की सुविधाओं एवं संबंधित पाठ्यक्रमों में करियर के अवसरों के बारे में

जानकारी प्रदान करना भी था। बी.बी.ए., एम.बी.ए. एवं बी.एच.एम.सी.टी. कार्यक्रमों में प्रवेश (एडमिशन) जारी हैं, जिसकी अंतिम तारीख 14 अगस्त, 2025 है। इस कार्यक्रम में विशेषज्ञ वार्ताएं, इंटरैक्टिव सत्र और छात्रों को विश्वविद्यालय जीवन के अनुकूल बनाने में मदद करने के लिए एक







motorola edge 60 pro  
Kunal

16 Oct 2025 3:19 pm

### DIWALI CELEBRATION OCTOBER 16, 2025



motorola edge 60 pro

17 Nov 2025 10:23 am



motorola edge 60 pro

17 Nov 2025 11:31 am

### BHMCT Students Quiz Competition 17<sup>th</sup> November, 2025

#### CONTACT FOR ADMISSION

**Dr. Harmeem Soch**  
**Professor and Head of Department**  
Mobile No: 94780-98051  
Email ID: [harmeensoch@ptu.ac.in](mailto: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](mailto: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 Science & Engineering, Mechanical Engineering, Computer Applications and Business Administration
- 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 and Engineering) *	60	04 years
B. Tech. Computer Science and Engineering (Artificial Intelligence and Machine Learning)	60	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	25 Years	Continuum Mechanics, Seismology, History of Indian Mathematics
Dr. Amit Sarin	Professor	24 Years	Renewable Energy and Materials Science
Dr. SBS Kalsi	Assistant Professor	23 Years	Surface Engineering and Cold Spray Coating
Dr. Shashi Bahl	Assistant Professor	20 Years (Teaching) 01 Year (Industry)	CAD/CAM & Robotics
Dr. Vikramjeet Singh	Assistant Professor	18 Years	Optimization Techniques and Inventory Models, Differential Equation
Dr. Dinesh Gupta	Assistant Professor	17 Years	Machine Learning, Data Mining
Dr. Prabhkiran Kaur	Assistant Professor	15 Years (Teaching) 6 Years (Industry)	Materials and Metallurgy, Tribology and Adhesive wear
Dr. Mirgender Singh Bedi	Assistant Director	15 Years	Business Administration & Human Values
Dr. Vipul Sharma	Assistant Professor	13 Years	Artificial Intelligence, Medical Image Processing, Software Engineering

## 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	-	16
• Paper Presentations in International Conferences	-	84
• Books/Book Chapters Published	-	30
• Projects Undertaken by Faculty	-	07
• Research Scholars Guiding (PhD)	-	11
• Research Publications in International Journals	-	191
• Research Scholars Guided (PG)	-	30
• Research Publications in National Journals	-	07
• 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. Simranjeet Singh	Tata Consultancy Services Ltd.
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
Mr. Giridhari Kumar Jha	Smart Data

StudentName	Company
Ms. Akanchha Srivastav	Schneider Electric
Mr. Kiran Kumar	Oracle
Mr. Yash Pardan	Oracle
Mr. Sovan Majumder	Tata Consultancy Services (TCS)
Mr. Ashmeet Singh	Oriental Carbon and Chemical Limited
Mr. Sukunj Dev Arya	Larsen & Turbo( L & T )
Mr. Raghav Trikha	Grazitti Interactive
Mr. Satyam	Grazitti Interactive
Mr. Neeraj Sharma	Iauro System Private Limited
Mr. Amandeep Singh	Advance Values Private limited
Mr. Navpreet Singh	Advance Values Private limited
Mr. Manish Kumar	Congruex Asia Pacific

### 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

- **Anshdeep Singh student has topped the University in the discipline of Mechanical Engineering in the year 2024**  
Anshdeep Singh student of B.Tech Mechanical Engineering has topped the University in the discipline of Mechanical Engineering in the year 2024.
- **Taanish Rawat has secured 513 AIR in GATE 2025 and also cleared BARC**  
Taanish Rawat student of B.Tech Mechanical Engineering has secured 513 All India Rank in prestigious GATE 2025 and also cleared BARC (Bhabha Atomic Research Centre Mumbai) in 2025.
- **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 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.
- Yash Pardan got selected for PRE RD camp at Jaipur 2023
- Vanshdeep Singh got selected for PRE RD camp at Jaipur 2024
- Kashish got selected for NIC NSS camp at Haryana 2024
- Jasleen, Pratap Vashodiya and Awas Jaiswal attended NIV camp at Haryana 2024
- Sukhbir Singh and Ashima Tara attended NSS adventure camp at Manali 2024
- Gurpreet Kaur got selected for IDC camp at Delhi 2024
- Vanshdeep Singh , Abhishek Kumar, Kanchan , Jasleen Kaur Gurpreet Kaur, Kashish and Muskaan Zafal attended youth leadership training program at Chandigarh 2025
- Abhishek Kumar and Jasnoor attended NSS adventure camp at KulluPirdi 2025
- AwasJaiswal and ParamjeetKaur got selected for PRE RD camp at Patiala 2025
- Disaster management camp organized by Ministry of Youth Affairs Center Government of India 50 Students of campus attended the Camp.

**CONTACT US :**

**Director, IKGPTU Amritsar Campus**

Dr. Ashish Arora (+91-94780-98067)

**Deputy Registrar, IKGPTU Amritsar Campus**

Mr. Saurabh Sharma (+91-94780-98037)

**Admission Coordinators**

**Department of Computer Science & Engineering (CSE)**

Dr. Vipul Sharma (+91-81460-00911)

**Department of Mechanical Engineering (ME)**

Dr. Parbhkiran 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](mailto: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:**

<b>Director, IKGPTU Batala Campus</b> Dr. Ashish Arora (+91-94780-98067)	<b>Campus Coordinator, IKGPTU Batala Campus</b> Dr. Rajeev Bedi (+91-76961-68094)
<b>Admission Helpdesk:</b> Jaspal Singh (98148-61109)	<b>Address:</b> IKGPTU Batala Campus, Kahnuwan Road, Batala, District: Gurdaspur, 143505 Email: <a href="mailto:director.pitbatala@gmail.com">director.pitbatala@gmail.com</a> Website: <a href="https://ptu.ac.in/batala-campus/">https://ptu.ac.in/batala-campus/</a>

# IKGPTU CAMPUS, HOSHIARPUR



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

## 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 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 General and OBC students are also available. Separate Hostel for boys and girls are available.

**PROGRAMME(S) OFFERED (AS PER 2026-27)**

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
M. Tech CSE	18	2 Years
M. Tech ME	18	2 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
<b>Faculty</b>			
Prof. (Dr.) Vikas Chawla	Professor	27 Years	Surface Coatings, Friction Welding
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	13 Years	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. Rinku Walia	Assistant Professor	18 Years	Environment Engg

**RESEARCH AREAS**

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

**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 - 17
- Projects Undertaken by Faculty - 05
- Research Scholars Guiding (PhD) - 10
- Research Publications in International Journals - 250
- Patents - 05

## 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
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**

**VASANT PANCHAMI**



**Happy Vasant Panchami**

20-1-2026 @ 2:00pm      Venue : Campus Ground

**Chief Patron : Prof. (Dr.) Susheel Mittal**  
(Hon'ble Vice Chancellor IKG PTU Kapurthala)

**Patron : Prof. (Dr.) Vikas Chawla**  
Director IKG PTU Hoshiarpur Campus

**IKG PUNJAB TECHNICAL UNIVERSITY**  
**HOSHIARPUR CAMPUS**



## LOHRI CELEBRATIONS



## NSS ACTIVITY



07 NSS volunteers of I K Gujral Punjab Technical University, Hoshiarpur Campus participated in District level 'Viksit Bharat Youth Parliament' program of Regional Directorate of NSS, Chandigarh and Ministry of Youth and Sports, New Delhi at Sanatan Dharm (SD) College Hoshiarpur. All students performed very well in the program. The students learnt a lot in this competition.

## DIWALI CELEBRATIONS



## PATH SHRI SUKHMANI SAHIB



**CONTACT US:**

**Director, IKGPTU Hoshiarpur Campus**

Prof. (Dr.) Ashish Arora (+91-94780-98067)

**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)

**Department of Computer Application**

Dr Kulwinder Singh (BCA)

9876509195

**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

✉ [campus.hsp@ptu.ac.in](mailto:campus.hsp@ptu.ac.in)

[pithoshiarpur@rediff.com](mailto: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 asateamon. 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
- SCI research publications, patents and sponsored projects.
- Scholarships for Meritorious Students as per University norms
- Free Education under Post Metric Scholarship Schemes sor Sc/ST students as per Punjab Govt. norms
- Fee-waiver schemes for economical weaker section (EWS)
- Freehsip schemes for sports person, Parentless child, father less child and specially-abled child as per University norms.
- ICT enabled Air-Conditioned Class Rooms with 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
- 7Km from ISBT Sector-43, Chandigarh and 2Km from Mohali Bus Stand

## **PROGRAMME(S) OFFERED (AS PER 2026-27))**

<b>Programme</b>	<b>Intake</b>	<b>Duration</b>
B.Tech (Computer Science & Engineering )	60	4 years
B.Tech (Computer Science & Engineering ) (Artificial Intelligence and Machine Learning )	60	4 years
Bachelor of Computer Applications (BCA)	30	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 (Faculty)	Designation	Experience	Specialization
<b>Faculty</b>			
Dr. Monika Sachdeva	Professor	25 Years	Network security
Dr. Neel Kanth Grover	Professor	30 Years	Modeling and Simulation
Dr. Neeraj Mohan	Assistant Professor	21 Years	Network Traffic Management, Computer Networks
Dr. Tarun Goyal	Assistant Professor	22 Years	Materials and Metallurgy, Surface Engineering
Dr. Deepika Bhalla	Assistant Professor	27 Years	Condition Monitoring of Power Equipment
Dr. Amit Gupta	Assistant Professor	25 Years	Digital Electronics, Computer Networks, Wireless communication
Dr. Megha Goyal	Assistant Professor	12 Years	Number Theory
Dr. Jujhar Singh	Assistant Professor	24 Years	Conventional & Non-conventional machining, Composites
Name (Officers)	Designation	Experience	Specialization
Dr. Geet Mehra	Deputy Registrar	27 Years	Management & Administration
Dr. Vishavdeep	Assistant Registrar	14 Years	Universal Human Values & Administration
STAFF	Non Teaching Designation	Experience	Duties under Administration
Sh. Malkiat Singh	Senior Assistant	23 Years	Academics, NAAC and Youth Activities
Smt. Pardeep Kaur	Senior Assistant	23 Years	HR & Student Placement Cell
Smt. Narinder Kaur	Senior Assistant	23 Years	Academics & Scholarships
Smt Hardeep Kaur	Senior Assistant	23 Years	Store & Purchase, Hostel (Girls)
Sh. Amarjeet Singh	Senior Assistant	24 Years	IT , Store and Meetings
Sh. Davinder Pal Singh	Senior Assistant	22 Years	Examination, Nodel Centre & Sports
Sh. Naresh Pawar	Senior Assistant	24 Years	Accounts, Campus Security
Sh. Gagandeep Singh	Senior Assistant	18 Years	Estate, Horticulture & House-keeping
Sh. Sukhwinder Singh	Office Assistant	23 Years	To assist in IT, Admissions and Sports related work
Sh. Ramjas Singh	Office Assistant	19 Years	To assist in Campus Store related work & Nodal centre
Sh. Sanjeev Kumar	Office Assistant	14 Years	To assist in Estate, Horticulture and House-keeping work
Sh. Jasvir Singh	Driver	14 Years	Campus Dak related work
Sh. Rampal	Attendant	20 Years	Duty with officers

## RESEARCH AREAS

- Network Security
- Digital Image Processing
- Computer Networks

## RESEARCH PUBLICATIONS / PATENTS / PROJECTS / RESEARCH GUIDANCE

- |  |   |     |
|--|---|-----|
| • Paper Presentations in National Conferences              | - | 43  |
| • Paper Presentations in International Conferences         | - | 55  |
| • Paper Published in National Conferences                  | - | 60  |
| • Paper Published in International Conferences             | - | 110 |
| • Books/Book Chapters Published                            | - | 40  |
| • Projects Undertaken by Faculty                           | - | 04  |
| • Research Publications in National Journals               | - | 07  |
| • Research Publications in International Journals          | - | 206 |
| • Patents  | - | 03  |
| • Copy Rights  | - | 04  |
| • Research Scholars Guided (M.Tech. / MBA / M.Sc. / MPhil) | - | 95  |
| • Research Scholars Guided (PhD)                           | - | 26  |
| • Research Scholars Guiding (PhD)                          | - | 15  |

## DEPARTMENT LABORATORIES



**Computer Programming Lab**



**English Communication Skills/Language Lab**



**ICT enabled class rooms**



**Computer Lab**



## EVENTS ORGANISED



**Volley Ball Tournament**



**Taekwondo Competition**



**March Past during Annual Sports Meet 2024-25**



**100 mtr Race (Girls)**



**Badminton Tournament**



**Cricket Tournament**



**Prize Distribution**



**Participated in IKGPTU's Agaaz Cultural Fest**



**Gurjot Singh won Silver Medal during IKGPTU's Annual Athletic Meet 2024-25 in 400 mtr Race at GNDEC, Ludhiana**



**Participated in IKGPTU's Inter College Cricket Tournament at GNDEC Ludhiana**



**Participated in Elocution, Debate, Cartooning and Quiz competitions of IKGPTU's Youth Festival 2024-25 at ASBASJS Memorial College, Bela (Ropar)**



**Participated in IKGPTU's Youth Leadership Training Camp at Dalhousie from 08.07.2024 to 13.7.2024 (Girls) and 13.7.2024 to 18.7.2024 (Boys).**



**Celebrated 26<sup>th</sup> January 2025**



**Celebrated Lohri Festival**



**NSS activities during Visit in Blind School, Sec – 26, Chandigarh on 13.3.25 and Tree Plantation Program at Mohali on 30.1.25**



**Women Day Celebrations**



**Teacher's Day Celebrations**



**Students Participated in Campus Place drive at IKGPTU, Mohali Campus – I**



**Celebrated Safer Internet Day 2026**



**One Day Seminar on Intellectual Property Rights and IP Management for Startups**



**Celebrated Engineer's Day 2025**



**Participated in Rangoli Competition**



**Participated in Mehendi Competition**

**CONTACT US :**

<b>Director, IKGPTU Mohali Campus – I</b> Prof. (Dr.) Monika Sachdeva (+91-94658-84822)	<b>Deputy Registrar, IKGPTU Mohali Campus – I</b> Dr.Geet (+91-94780-98016)
<b><u>Admission Coordinators</u></b> <b>Department of Computer Science &amp; Engineering (CSE)</b>  Dr. Amit Gupta, AP (9465884838) Email-ID: <a href="mailto:dr.amitgupta@ptu.ac.in">dr.amitgupta@ptu.ac.in</a>  Dr. NEERAJ MOHAN, AP (+91-9463383753) Email-ID: <a href="mailto:dr.neeraj@ptu.ac.in">dr.neeraj@ptu.ac.in</a>  Dr. TARUN GOYAL, AP (9465884832) Email –ID: <a href="mailto:dr.tarungoyal@ptu.ac.in">dr.tarungoyal@ptu.ac.in</a>	<b>Address:</b> C-102/B, Industrial Area, Phase-VII, SAS Nagar, Mohali  <b>General Enquiry and Admission Helpline</b>  S. Davinder Singh Senior Asstt. Mobile No. 8437220111 Ms Neha Mobile No. 9876582609 ✉ <a href="mailto:mohalicampus@gmail.com">mohalicampus@gmail.com</a> 🌐 <a href="http://mohali.ptu.ac.in">http://mohali.ptu.ac.in</a>

# IKGPTU MOHALI CAMPUS - II



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

## Brief about Campus

IKGPTU Mohali Campus-II, established in 2014, is committed to delivering quality education at undergraduate and postgraduate levels aligned with the evolving needs of the building and service industries. The campus aims not only to produce competent professionals but also to promote practical skills, innovation, and research. It offers industry-oriented programs including B.Architecture, M.Planning, BCA, B.Voc. Interior Design, B.Voc. Automobile Servicing, and B.Voc. Refrigeration and Air-Conditioning. With a strong focus on technical excellence, creativity, and hands-on learning, the institute nurtures future-ready architects, planners, IT professionals, and skilled technicians. The campus also encourages multidisciplinary research and skill development to meet present and future industry demands.

## **SALIENT FEATURES**

- Premier State Government institute in the region offering programs in Architecture & Planning, BCA, and vocational courses in Interior Design, Automobile Servicing, and Refrigeration & Air-Conditioning.
- Strategically located on Kharar–Landran Road, Sector 115, Mohali, near Chandigarh.
- Highly qualified and experienced faculty across diverse specializations.
- Renowned guest faculty from academia and industry.
- Strong placement support with top MNCs, guidance for higher studies, and encouragement for entrepreneurship.
- Effective industry–academia collaboration with training in reputed government and private organizations.
- Advanced laboratories, modern infrastructure, well-designed studios, and smart classrooms.
- Well-stocked library and resource centre.
- Separate hostel facilities for boys and girls.
- Free education for SC/ST students under Punjab Government Post Matric Scholarship.
- Free ship scholarships for meritorious students, sportspersons, specially-abled, parentless, and fatherless students as per IKGPTU norms.

**PROGRAMME(S) OFFERED (SESSION 2026-27)**

Name of Department	Programs Offered	Intake
Architecture & Planning	B. Architecture	20
	M. Planning	18
	B.Voc. (Interior Design)	30
Vocational Programs	B.Voc. (Automobile Servicing)	30
	B.Voc. (Refrigeration and Air-Conditioning)	30
Computer Applications	Bachelor of Computer Applications(BCA)	30

**CAMPUS FACULTY, OFFICERS, AND STAFF MEMBERS**

Name	Designation	Experience	Specialization
Dr. Monika Sachdeva	Director	26 Years	Computer Science Engineering
Dr. Neelkanth Grover	Professor	26 Years	Fluid and Thermal Engineering
Dr. Mukta Sharma	Associate Professor	17 Years	Engineering, Geology and GIS, Natural Disasters, Disaster Management, Remote Sensing and GIS
Dr. Neeru Singla	Assistant Professor	16 Years	Structures
Dr. Gurkirpal Singh	Assistant Professor	26 Years	Architectural Design, Urban Planning and Structure Design
Dr. Fuzail Jawaid	Assistant Professor	7 years	Urban Planning, Smart cities, Sustainable Architecture
Ar. Damandeep Kaur	Assistant Professor	13 Years	Construction Management, Vernacular and low-cost Architecture
Sh. Tarun Kanodia	Assistant Registrar	16 years	Computer Applications

**RESEARCH AREAS**

- Architecture Education and Contemporary Practices
- Construction & Project Management
- Artificial Intelligence and Machine Learning
- 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	-	24
• Paper Presentations in International Conferences	-	13
• Projects Undertaken by Faculty (DST)	-	01
• Research Scholars Guiding (PhD)	-	06
• Research Publications in National Journals	-	28
• Research Publications in International Journals	-	32
• Patents	-	02
• Research Scholars Guided (PhD)	-	07
• Research Scholars Guided (PG)	-	25

## STUDENT PLACEMENTS INFORMATION

The institute has built a strong placement record across B.Architecture, M.Planning, BCA, B.Voc. Interior Design, B.Voc. Automobile Servicing, and B.Voc. Refrigeration & Air-Conditioning. Graduates are placed in reputed architectural and planning firms, IT companies, automobile and HVAC industries, and interior design consultancies across the region.

Many students have secured positions in government and private organizations, while some have successfully started their own professional ventures. Several graduates have also pursued higher education in prestigious institutions. The institute provides continuous placement support, industry exposure, and skill-based training to ensure students are well prepared for diverse career opportunities.

## ENTREPRENEURSHIP DEVELOPMENT CELL

The Entrepreneurship Development Cell at IKGPTU Mohali Campus-II fosters innovation, leadership, and an entrepreneurial mindset among students through workshops, mentoring, and startup development initiatives. With strong industry tie-ups, the cell promotes effective industry-academia collaboration, offering practical exposure, internships, and expert guidance.

Many students from M.Planning, B.Architecture, and B.Voc. Interior Design have successfully launched their own startups, demonstrating the institute's strong entrepreneurial culture. Programs such as B.Voc. Automobile Servicing, B.Voc. Refrigeration & Air-Conditioning, and BCA also emphasize entrepreneurship and skill development. The cell focuses on upskilling students with modern tools and business competencies, empowering them to become job creators rather than job seekers.

## 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**



**3-Days Cultural cum Annual Fest (Kakhshan)**



**Live Sketching**



**Students of Architecture Presenting at NASA at Bangalore**



**Bamboo Workshop**



**Expert Talk by Dr. Prabhjot Kaur**



**Students in Bamboo Workshop**



**Students in Clay Workshop**



**Workshop on The Psychology of Interior Design a Young By Ms. Sakshi Katyal**



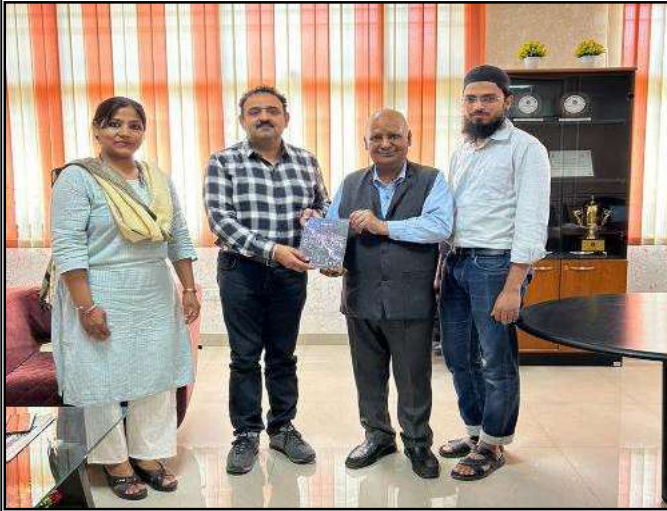
**Workshop on Navigating the Industry as Architect/Engineer by Er. Ravijeet Singh**



**Three Days Workshop on 'Design Thinking for Social Impact'**



**Impact' for B.Arch and Master's students**



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



**Inter College Cricket Tournament held at CTI EMT Shahpur Jalandhar**



**IKGPTU Zonal Youth Fest South Zone in Chandigarh Group of Colleges, Landran, Kashish (1<sup>st</sup> year) 1<sup>st</sup> position in Poster Making**



**Inter Zonal Youth Fest 2022 in Kapurthala Punjab Mannat got 1<sup>st</sup> position in creative writing**



**Saumya (3<sup>rd</sup> year) got 2<sup>nd</sup> position in On the Spot Photograph**



**Student Published work in WGBC Journal**



**Tree Plantation Drive held under My Pet Plant Biggest Scheme**



**Students visited ArchEX – North India’s exhibition for Architects & Engineers**



**International Yoga Day celebrated on 21<sup>st</sup> June**



**Live Workshop on Photography Skills**



**Kashish achieved 1<sup>st</sup> position in Poster Making at IKGPTU Zonal Youth Fest South Zone in Chandigarh Group of Colleges, Landran**



**Poster Making Competition**

**CONTACT US:**

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

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Mobile:+ 91 9465884822

**Admission Helpline:**

**Mr. Tarun Kanodia: 7087364656**

**Admission Coordinators**

Architecture, Interior Design and Planning:

Dr. Gurkirpal Singh: 8360453299

Ar. Damandeep Kaur: 9815479817

B.Voc. (Automobile Servicing) & B.Voc.

(Refrigeration & Air-Conditioning) :

Dr. Jujhar Singh: 9465884831

BCA :

Mr. Tarun Kanodia: 7087364656

**Address:**

**IKGPTU Mohali Campus-II**

Sector-115, Kharar-Landran Road, Adjoining  
Govt. Polytechnic College Khunimajra, Mohali  
(SAS Nagar)

**General Enquiry:**

Ms Amita Sharma: 6280276758

Ms Hardeep kaur: 9988909944

✉ [mohalicampus@ptu.ac.in](mailto:mohalicampus@ptu.ac.in)

 <https://mohalicampus.ptu.ac.in/>