



I.K. GUJRAL  
PUNJAB TECHNICAL UNIVERSITY



# INFORMATION BROCHURE 2022-23

**I.K. GUJRAL PUNJAB TECHNICAL  
UNIVERSITY JALANDHAR**  
MAIN CAMPUS AND ITS CONSTITUENT CAMPUSES



**S. Bhagwant Mann**  
Hon'ble Chief Minister, Punjab

It gives me immense pleasure to learn that I.K. Gujral Punjab Technical University (IKG PTU) is publishing 'Admission Brochure' for its campuses and affiliated Colleges for the Academic Session 2022-23.

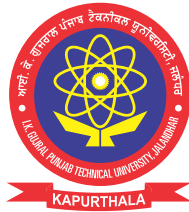
I am confident this publication would be instrumental to keep the students abreast with relevant information about University's academic curriculum, extra-curriculum activities, infrastructure, achievements, future plans in pursuit of excellence.

It is a matter of great satisfaction that University has played a pro-active role in imparting quality and advanced technical education to the students so as to enable them to be gainfully employed not within the country but also across the globe.

Hopefully, IKG PTU along with constituent campuses and affiliated colleges would continue its endeavor to cater the needs of global industry by providing highly trained, skilled manpower, as it had been producing technocrats for past more than 25 years to propel the industry in the orbit of high growth trajectory.

I wish all success for this new academic session 2022-23.

**S. Bhagwant Mann**



**Sh. Rahul Bhandari, IAS**  
**Hon'ble Vice-Chancellor**  
**I.K. Gujral Punjab Technical University**

Dear Students & Scholars,

Warm and Best of Health Greetings from IK Gujral Punjab Technical University!

I hope this finds you in hale and hearty, despite the immense challenges of the recent times owing to the Pandemic. Indeed, it is a matter of great delight and privilege to welcome the students from all parts of the world joining our campuses and the affiliated colleges to pursue your career in various technical and professional courses. Your steadfast dedication and devotion to enhance your career have brought you to the proud family of this University.

I would like to take this opportunity to share with you the credentials of our university with several milestones having been reached in the recent times in the domain of technical education, the most recent bring the ranking of the University among the 200 Universities of the country, 120th in Engineering category by the National Institutional Ranking Framework (NIRF) (2021). Through state-of-the art scholastic and research infrastructure, application-oriented teaching pedagogy, highly qualified and dedicated faculty in their respective fields of expertise, the university has developed and calibrated a conducive and compassionate ambience for the wholesome growth of its students in curricular and extra-curricular activities. We are continuing with our endeavors to establish IKGPTU a unique brand in the field of education across the world.

I firmly believe that owing to COVID 19 pandemic, humankind has faced an unprecedented challenge of our times. Unavoidable global changes in the past two years have posed forth many challenges thereby necessitating essential adjustments and vicissitudes in the existing educational pedagogies. I proudly acknowledge the consistent efforts of team IKGPTU in offering an effective, dynamic, all-inclusive teaching-learning environment to all the stakeholders.

A healthy education system serves as a significant determinant in the progress of any country. We at IKGPTU are working with the key objectives of excellent teaching, students' holistic development, valuable and outcome-based research, innovativeness and social responsibility. Various laudable initiatives of the University in this regard include collaborative partnerships with business, government and research institutions of repute, tie-ups with industries for training and placement of students, development of finishing schools, establishment of incubation centers to promote skill development and entrepreneurship and phenomenal assistance to the students and the affiliated institutes through online University portals etc.

As we move globally from the Information to the Conceptual Age, the future belongs to a society of Creators, Innovators, Empathizers, and Meaning-makers. Therefore, our efforts and commitment are to equip our students to foster their inquisitiveness, innovativeness and initiative so that they attain eminent academics, get effective employability and become independent thinkers, creative entrepreneurs and most importantly, good human beings. I wish and assure you, on behalf of the IKGPTU family that you will have an outstanding, better and, transformational experience at IKGPTU.

Wish you all the best!

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**Rahul Bhandari**



**Dr. S.K. Mishra**  
Registrar

Dear Students,

On behalf of I.K. Gujral Punjab Technical University, I feel highly elated in extending you a very warm welcome to this new academic session 2022-23. All students across form the globe (National and International) are the integral part of the University and cultural diversity is our strength.

The university is working with the vision of institutional excellence with global stance in the domain of technical education and is reckoned as one of the best places of learning and research. We believe in fostering innovations, cultivating humanitarian environment, ensuring all-inclusive growth.

With the persistent efforts of its team, the University is attempting to streamline its mechanisms to enhance the all-round efficacy in performance, service delivery as well as inculcating a healthy work culture among all its stakeholders. IKGPTU has dedicated PhD faculty in its all campuses and affiliated colleges. They are the thought leaders in their industry and are committed towards ethical and intellectual growth of their students to better prepare them for the demands of their future lives.

IKGPTU has a well-equipped, ultra-modern infrastructure that is continuously modernized to keep up with changing times. The courses offered in our campuses as well as affiliated colleges provide numerous possibilities for pursuing a sustainable career. We are proud of our students, both past and present, and the opportunities they have to positively influence the future of technical education. Many of IKGPTU notable alumni, who have distinguished themselves in various fields, make a deposition to its quest for excellence.

With focus thus, on empowering education, inventive cognizance, effective communication and high productivity, we are ready as an institution to provide requisite training to hone life skills of our students. I hope that the university, its campuses and affiliated colleges will prove to be a catalyst in achieving the goals of your life.

Wish you all huge success for a safe and bright future ahead!



**(S. K. Mishra)**

## MESSAGES FROM OUR MENTORS



**Prof.(Dr.) Vikas Chawla**  
**Dean (Academics)**  
**Chief Coordinator**  
**(Admissions 2022-23)**

Dear fellow learners,

Hope you are in good health with your family!

It is my proud privilege and moment of pleasure to congratulate you for choosing I.K. Gujral Punjab Technical University (IKGPTU), iE campuses or affiliated colleges as an accomplice in realizing your goals of life. A warm welcome to the fresh batch of young scholars who have made it to the state's best Technical University. The crisis of ongoing COVID-19 pandemic might have changed us in multiple ways, necessitating institutional changes on a scale we had never known, but in its wake, it has also brought innovations/ fresh ideas assuring gains in future.

The University has come up with its Admission Brochure-2022-23' to keep the students well informed about its academic curriculum, extra- curricular activities, research Infrastructure, accomplishments and plans in its mission of excellence in technical education.

The way to success is rarely a flat line, but it can be drawn with the patronage of experienced faculty and an institution overall. Under the brand IKGPTU, we feel special pride in preparing you well for your holistic journey of life through our state-of-the-art infrastructure, dedicated faculty, brilliant industry-oriented curricula, application-based education, student centric teaching pedagogy, and a sincere pledge to pave the path of your professional progress. With its consistent efforts, IKGPTU has become a leading research-intensive university recognized internationally for its quality, relevance, and impact, and also for developing people, creating knowledge and making a difference locally and globally. Students entering the study at any level will, therefore find a competitive as well as a supportive environment.

We at IKGPTU firmly believe that the foundation of a healthy civilization rests upon its healthy education system so our initiatives are directed towards the establishment of the State of Punjab as the best state in the domain of technical education. Certainly, the academic programmes being offered at University! campuses and affiliated institutes/colleges shall serve in developing the young minds as innovative entrepreneurs, creative thinkers, competent professionals and above all, the holistic individuals.

I wish and assure you, on the behalf of the IKGPTU family that we shall help you pursue your objectives of life under the diverse social, cultural and economic environment and make the University proud of your accomplishments.

May you flourish! May you be the illuminating lamp for the whole humanity and may your wisdom always radiate and enlighten the world!

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**Prof.(Dr.) Vikas Chawla**

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## ABOUT I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY

**I.K.Gujral Punjab Technical University (IKGPTU)** was established by an Act of State Legislature on 16th January, 1997, to promote technical, management and pharmaceutical education in the state at degree level and above. It was established as Punjab Technical University and renamed as I.K.Gujral Punjab Technical University by State Government in the honour to Late Sh. Inder Kumar Gujral, Former Prime Minister of India, in 2015. The University has the mandate to set up centres of excellence in emerging technologies and for promoting training, research and development in these areas. Through various technical and research courses, the University has contributed significantly and is still continuing with its tireless initiatives towards building the skilled human resource in the country in general and in the state in particular. With this goal in mind, the university is promoting a number of courses in different streams in regular as well as distance education Programmes. At present University has 90 AICTE, 79 UGC, 05 Architecture and 37 Pharmacy institutes affiliated with it. It is a State Technical University of Punjab.

IKGPTU is undertaking and supervising the instructions and award of 90+ bachelor's degrees in Engineering, Pharmacy, Architecture & Technology & 70+ in non-AICTE & UGC courses. The University has a land area of 78.16 acres & it owns more than 09 campuses throughout the state of Punjab.

University started its journey with 09 Engineering & 05 Management colleges. IKGPTU has its own study centers under Distance Education Programmes. The University has a rich strength of lakhs of students, which also includes 1,500+ international students from 30+ countries.

I.K.Gujral Punjab Technical University (PTU) has bagged the much-coveted Best Technical University Award for the year 2013. The Award, instituted by Indian Society for Technical Education (ISTE) and Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar, encourages technical universities to enhance their performance and to serve the community as well as stakeholders by improving quality and maintaining the standard of the Programmes offered.

Earlier, University had bagged an award in the "Best



University Promoting High Quality Research at Master's and Doctoral Thesis Work" category in the CCI Technology Education Excellence Awards 2013. This award was instituted by a Consortium of Co-Chairpersons-Industry (CCI) of Gujarat Technological University (GTU), jointly with the Communication Multimedia and Infrastructure Association of India (CMAI).

IKGPTU has also been conferred upon eINDIA 2010 Award of the Year as "ICT Enabled University of the Year" and "Open and Distance Learning Initiative of the Year Award" by the Ministry of Information and Communication Technology, Govt. of India, at Hyderabad on August 5, 2010.

IKGPTU is offering a number of welfare schemes for students like SC/ST post matric scholarship schemes and also successfully executing the schemes of Punjab Government. It also offers various scholarship schemes like GATE Scholarship, JRF and SRF scholarships, UGC/NET Schemes and Scholarships, research grants, research and development projects etc.

With an aim to ensure the holistic development of the students, the university provides a course on Human Values & Professional Ethics for all engineering & management

students, in collaboration with NRCVEE, IIT, Delhi and IIIT, Hyderabad.

IKGPTU provides a platform to its students through which they get acquainted with the industrial needs and prepare themselves accordingly. The university is providing them industrial training throughout the year. University has entered into collaborative partnership with business, government, and other research institutions; tie-ups with national & international industries for training and placement of students; development of finishing schools; establishment of incubation centers to promote skill development and entrepreneurship. The job fairs are organized regularly. The university also participates in different industrial fairs as well as in trade expo.

With a mission to provide excellent education to the IKGPTU students, the university has always been concerned about the training & development of its faculty. Faculty Development Programmes are regularly organized wherein the resource persons from IITs, IIMs & NITs develop the faculty with updated curricula & teaching pedagogies in the respective domains. The university has also made the affiliated institutes as Centres of Excellence.

I.K. Gujral Punjab Technical University has a wide network of Engineering, Management, Pharmacy, Hotel Management, and Architecture Colleges in the State of Punjab duly approved by All India Council of Technical Education (AICTE) / apex regulatory bodies. Punjab has been one of the most prosperous states in India since independence by way of the Green Revolution coupled with the White revolution. To give equal momentum to the industrial growth of Punjab educated skilled workforce in sufficient numbers has always been a need of the hour. The Globalization of the Indian economy in early 90's further extrapolated the need of such a young innovative workforce. University has produced thousands of technical and professional graduates since its inception who are highly placed with reputed organizations and many are also successfully running their entrepreneurial ventures.

University has state -of- the- art infrastructure. Its auditorium namely Sri Guru Nanak Dev Ji Auditorium is a center of attraction for the visitors. This auditorium is having capacity of 800 seats. It is developed with an estimated investment cost of Rs. 20Crore.

It has facilities for the live telecast of functions, University activities and to organize National-International level events. Video conferencing, video recording, etc. facilities are also available in this auditorium.

Centre for Invention, Innovation, Incubation and Training (CIIT) University established a Unique Project namely Sri Guru Nanak Dev Ji Center for Invention, Innovation, Incubation and Training (CIIT) in collaboration with Tata Technologies Limited (TTL), Pune. This initiative is for qualitative improvements in State Technical education. To create infrastructure and learning environment for training manpower to cater to the increasing needs of the region, University established this Centre at its Sultanpur Lodhi & main Campus. This Centre is helpful to increase employability, provides a ready local pool of engineers, operators, technicians and skilled manpower required by the industries in the manufacturing sector.

## SALIENT FEATURES

- State-of-the-art infrastructure and air-conditioned classrooms
- Wi-Fi campus with a leased line internet facility
- Newly developed & furnished hostel accommodations
- AICTE Approved Campus Courses
- State-of-the-art sports facilities
- Modern cafeteria
- The North India's exclusive central library as the Knowledge Resource Centre. Access to e-journals in different subjects through mobile Application, "Knimbus Mobile application" at Knowledge Resource Centre
- Fast and convenient transportation facilities with good connectivity
- Academic support to approx. 1.5 lakhs students
- Short term courses in the foreign languages for enhancing the employability of students
- Human Values & Professional Ethics course for all students
- Periodic restructuring and updating of the courses to match international standards in consultation with the help of Industrialists / R&D/Academia

## ACHIEVEMENTS OF OUR UNIVERSITY

### Step towards Employability Enhancement

University joined hands with three Nationally-Internationally recognized organizations. This step ahead is for the internship of the students and their employability enhancement. University signed different Memorandum of Understanding (MoUs) with National Institute of Electronics & Information Technology (NIELIT), International Association of Students in Economic and Commercial Sciences (AIESEC) and Internshala.

### Facilitation to Punjabi Youth under Foreign Degree Programmes

University is offering Credit Transfer Programmes for the students who are pursuing Dual Degree courses and getting admissions in the same Bachelor Degree Programmes at IKGPTU and University of the Fraser Valley (UFV). University also signed an agreement with Thompson River University Canada for Dual Degree Programmes. It was initiated to give maximum facilitation to our Punjabi Youth on genuine fee.

### e-Governance

The University, in recognition of improving efficiency, consistency, and the quality of administration, has included **e- Office solution**. The general objective of e-Office adoption was the elimination of paper and

converting most or all office communications to electronic form to reduce processing delays, establish transparency and accountability.

### Sports and Culture

To maintain the enthusiasm of sports and cultural activities in university, a separate sports and cultural activity cum monitoring wing has been established under the Students' Welfare Department. University developed 400m grass track, one open gym, badminton court & basketball ground at its Main Campus, Kapurthala.

**Major & Minor Degree Certification:** To enhance the employability, University is admitting students under the Major & Minor Degree Certification.

**Transparency in Examination:** Availability of scanned copy of evaluated answer sheets for students without RTI.

**Establishment of Control Room** to start Monitoring of more than 100 Exam Centres.

### On-Screen Evaluation system

**An Online Portal to facilitate students** for their queries related to international agencies and credential check.

## DEPARTMENT OF PLANNING & EXTERNAL PROGRAMS

**International Collaborations:** University aims to explore and manage the International and Outreach and other collaborative Programmes to collaborate with other internationally reputed educational institutes for academic and professional exposure through information exchange on course development and teaching pedagogy, exchange of staff and students and development of joint research projects. University has signed 20 MoU's with the Foreign Universities and 03 MoU's with National Universities. The major areas of academic collaboration are Student Exchange Programmes, Faculty Training Programmes, Pathway Programmes, Dual Degree Programmes, Vocational Training Programmes, Joint Research Programmes and Cultural / Sports Exchange Programmes.

**International Students Cell (ISC):** An International Students Cell dedicated for Foreign Nationals studying in

IKGPTU has been established. The cell offers special designed scholarships to students from SAARC Countries. **Indian Institute of Remote Sensing (IIRS):** The department of Planning and External Programmes has registered the IKGPTU on IIRS Outreach Programmes portal for availing free education for faculty/staff/students. IIRS Outreach Programmes focuses on strengthening the Academia and User Segments in Space Technology and its Applications using Online Learning Platforms. IIRS is a premier training and educational institute setup for developing trained professional in the field of Geospatial technology for natural resources, Environmental and Disaster Management founded in 1966.

University has collaborations with National and International Institutions in areas of Student Exchange, Faculty Exchange, Research and Training.

### DETAILS OF INTERNATIONAL COLLABORATIONS:

Sr. No.	University / Institute Name	Country
1	University of the Fraser Valley	Canada
2	Trent University	Canada
3	Seneca College of Applied Arts and Technology	Canada
4	Yorkville University	Canada
5	Vancouver Island University	Canada
6	University Canada West	Canada
7	Concordia University of Edmonton	Canada
8	Tribhuvan University	Canada
9	Wilfrid Laurier University	Canada
10	Medicine Hat College	Nepal
11	Nottingham Trent University	United Kingdom
12	Leaders Institute	Australia
13	Northern Illinois University, Dekalb, Illinois	USA
14	Asia Pacific University of Technology & Innovation (APU)	Malaysia
15	Woosong University	South Korea
16	University of Nottingham	United Kingdom
17	Lia College	Hungary
18	Kasetsart University	Thailand
19	University of South Alabama	USA
20	AUREL VLAICU University of ARAD	Romania

### DETAILS OF NATIONAL LEVEL COLLABORATIONS:

Sr. No.	University / Institute Name	State
1	SPHAERA PHARMA Private Limited	New Delhi
2	Guru Ravidas Ayurved University	Hoshiarpur
3	Sabudh Foundation	Mohali

## DEPARTMENT OF RESEARCH & DEVELOPMENT

The Department of Research and Development provides an ecosystem of research within which faculty and scholars carry out their research for the advancement of their knowledge as well as to fulfil their academic endeavors. It also envisages the comprehensive framework for the development and implementation of research and development Programmes at IKGPTU as well as its affiliated colleges. IKGPTU campus and its constituent campuses are equipped with a team of more Ph.D. Faculty members in various disciplines. The University has more than 900+ registered research scholars and about 400+ registered Supervisors.

For the facilitation of research scholars, supervisors and experts, the University provides a user-friendly online portal. The portal comprises modules covering admission, provisional registration, online fee payments, submission of documents, evaluation, and thesis submission. The University also provides its students and registered supervisors the facility of Anti-Plagiarism software and digital library for online access of e-journals. The University provides financial assistance to its faculty for initiating research Programmes and to present the outcome of their research projects at conferences.

### Objectives of the department are:

- To promote the institutional growth through research.
- To instill a culture of research and improve the institutional environment for all, i.e., faculty, scholars, and students.
- To establish research centers with a center of excellence.
- To disseminate the outcome of the research work through the publication of papers in the indexed journals with impact factor.
- To earn patents from research output.
- To attract funds from Government as well as from private organizations for research.
- To have local, national and global collaborations in the field of research.
- To develop a problem-solving culture and provide practical solutions to real life problems.
- To utilize research outputs in the field of process, design, and products.

In the year 2021, 160 students completed the Ph.D. from the university and currently 915 students are pursuing Ph.D.

## DEPARTMENTS OFFERING RESEARCH PROGRAMS (Ph.D) AT IKGPTU CAMPUSES

- Computer Science & Engineering
- Electrical Engineering
- Electronics & Communication Engineering
- Mechanical Engineering
- Civil Engineering
- Architecture
- Food Sciences and Technology
- Chemical Sciences
- Physical Sciences
- Mathematical Sciences
- Management
- Journalism & Mass Communication
- Humanities, Languages & Cultural Studies
- Environment Sciences
- Planning & Architecture

Total No. of Ph.D Supervisors in IKGPTU System in 2021 are 445

## PROGRAMMES OFFERED FOR SESSION 2022-23 AT IKGPTU MAIN CAMPUS

Name of Department	ProgrammesOffered	Seats
Civil Engineering	B.Tech. (Civil Engineering)*	60
	M.Tech. (Civil Engineering) (Geotechnical Engineering)	18
Computer Science & Engineering	B.Tech. (Computer Science & Engineering)*	480
	M.Tech. (Computer Science & Engineering)	18
	Bachelor of Computer Applications *	120
Electrical Engineering	B.Tech. (Electrical Engineering)*	60
	M.Tech. (Electrical Engineering) (Power Systems & Renewable Energy)	18
Electronics & Communication Engineering	B.Tech. (Electronics & Communication Engineering)*	60
	B.Tech. (Artificial Intelligence and Machine Learning)	60
	M. Tech. (Electronics & Communication Engineering)(Wireless Communications)	18
Mechanical Engineering	B.Tech.(Mechanical Engineering)*	60
	M.Tech. (Mechanical Engineering) (Manufacturing Engineering & Automation)	18
Food Science & Technology	Bachelor of Science-Honours (Food Technology)	60
	Master of Science (Clinical Research)	10
	Master of Science (Food Technology)	25
Applied Sciences	Bachelor of Science Honours (Chemistry)	60
	Master of Science (Chemistry)	25
	Master of Science (Environmental Science)	10
	Bachelor of Science-Honours (Physics)	60
	Master of Science (Physics)	25
	Bachelor of Science-Honours (Mathematics)	60
	Bachelor of Science (Non-Medical)	60
	Master of Science (Mathematics)	25
Journalism and Mass Communication	Bachelor of Arts (Journalism and Mass Communication)	60
	Master of Arts (Journalism and Mass Communication)	25
Management & Hospitality	Bachelor of Business Administration	60
	Bachelor of Hotel Management & Catering Technology (UGC)	60
	Master of Business Administration	60

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

## FEE STRUCTURE OF VARIOUS COURSES OF IKGPTU MAIN AND CONSTITUENT CAMPUSES FOR SESSION 2022-23

Sr. No.	Degree	Session	Sem	SD#	TF	DF	SRF	URF	Total Fee
1.	B.Tech. / B.Planning (Duration 4 Yrs)	Jul-Dec 2022	1	8,000	35,000	5,000	4,700	1,700	46,400
		Jan-Jun 2023	2	-	35,000	5,000	4,700	-	44,700
		Jul-Dec 2023	3	-	35,000	5,000	4,700	1,000	45,700
		Jan-Jun 2024	4	-	35,000	5,000	4,700	-	44,700
		Jul-Dec 2024	5	-	35,000	5,000	4,700	1,000	45,700
		Jan-Jun 2025	6	-	35,000	5,000	4,700	-	44,700
		Jul-Dec 2025	7	-	35,000	5,000	4,700	1,000	45,700
		Jan-Jun 2026	8	-	35,000	5,000	4,700	-	44,700
2.	B.Tech. (LEET) (Duration 3 Yrs)	Jul-Dec 2022	3	8,000	35,000	5,000	4,700	1,700	46,400
		Jan-Jun 2023	4	-	35,000	5,000	4,700	-	44,700
		Jul-Dec 2023	5	-	35,000	5,000	4,700	1,000	45,700
		Jan-Jun 2024	6	-	35,000	5,000	4,700	-	44,700
		Jul-Dec 2024	7	-	35,000	5,000	4,700	1,000	45,700
		Jan-Jun 2025	8	-	35,000	5,000	4,700	-	44,700
3.	B.Arch. (Duration 5 Yrs)	Jul-Dec 2022	1	8,000	35,000	5,000	4,700	1,700	46,400
		Jan-Jun 2023	2	-	35,000	5,000	4,700	-	44,700
		Jul-Dec 2023	3	-	35,000	5,000	4,700	1,000	45,700
		Jan-Jun 2024	4	-	35,000	5,000	4,700	-	44,700
		Jul-Dec 2024	5	-	35,000	5,000	4,700	1,000	45,700
		Jan-Jun 2025	6	-	35,000	5,000	4,700	-	44,700
		Jul-Dec 2025	7	-	35,000	5,000	4,700	1,000	45,700
		Jan-Jun 2026	8	-	35,000	5,000	4,700	-	44,700
		Jul-Dec 2026	9	-	35,000	5,000	4,700	1,000	45,700
		Jan-Jun 2027	10	-	35,000	5,000	4,700	-	44,700
4.	BHMCT (Duration 4 Yrs)	Jul-Dec 2022	1	8,000	20,000	5,000	4,700	1,700	31,400
		Jan-Jun 2023	2	-	20,000	5,000	4,700	-	29,700
		Jul-Dec 2023	3	-	20,000	5,000	4,700	1,000	30,700
		Jan-Jun 2024	4	-	20,000	5,000	4,700	-	29,700
		Jul-Dec 2024	5	-	20,000	5,000	4,700	1,000	30,700
		Jan-Jun 2025	6	-	20,000	5,000	4,700	-	29,700
		Jul-Dec 2025	7	-	20,000	5,000	4,700	1,000	30,700
		Jan-Jun 2026	8	-	20,000	5,000	4,700	-	29,700
5.	BBA / BCA (Duration 3 Yrs)	Jul-Dec 2022	1	5,000	15,500	2,000	4,700	1,700	23,900
		Jan-Jun 2023	2	-	15,500	2,000	4,700	-	22,200
		Jul-Dec 2023	3	-	15,500	2,000	4,700	1,000	23,200
		Jan-Jun 2024	4	-	15,500	2,000	4,700	-	22,200
		Jul-Dec 2024	5	-	15,500	2,000	4,700	1,000	23,200
		Jan-Jun 2025	6	-	15,500	2,000	4,700	-	22,200
6.	BCA (LEET) (Duration 2 Yrs)	Jul-Dec 2022	1	5,000	15,500	2,000	4,700	1,700	23,900
		Jan-Jun 2023	2	-	15,500	2,000	4,700	-	22,200
		Jul-Dec 2023	3	-	15,500	2,000	4,700	1,000	23,200
		Jan-Jun 2024	4	-	15,500	2,000	4,700	-	22,200

Sr. No.	Degree	Session	Sem	SD#	TF	DF	SRF	URF	Total Fee
7.	B.A. (JMC) / B.Sc. (Env. Science)/ B.Sc. (H) Physics/ B.Sc. (H) Chemistry / B.Sc. (H) Maths (Duration 3 Yrs)	Jul-Dec 2022	1	5,000	10,000	2,000	4,700	1,700	18,400
		Jan-Jun 2023	2	-	10,000	2,000	4,700	-	16,700
		Jul-Dec 2023	3	-	10,000	2,000	4,700	1,000	17,700
		Jan-Jun 2024	4	-	10,000	2,000	4,700	-	16,700
		Jul-Dec 2024	5	-	10,000	2,000	4,700	1,000	17,700
		Jan-Jun 2025	6	-	10,000	2,000	4,700	-	16,700
8.	B.Sc. (Food Technology) (Duration 4 Yrs)	Jul-Dec 2022	1	5,000	10,000	2,000	4,700	1,700	18,400
		Jan-Jun 2023	2	-	10,000	2,000	4,700	-	16,700
		Jul-Dec 2023	3	-	10,000	2,000	4,700	1,000	17,700
		Jan-Jun 2024	4	-	10,000	2,000	4,700	-	16,700
		Jul-Dec 2024	5	-	10,000	2,000	4,700	1,000	17,700
		Jan-Jun 2025	6	-	10,000	2,000	4,700	-	16,700
		Jul-Dec 2025	7	-	10,000	2,000	4,700	1,000	17,700
		Jan-Jun 2026	8	-	10,000	2,000	4,700	-	16,700
9.	M.Tech. / M.Arch. / M.Planning (Duration 2 Yrs)	Jul-Dec 2022	1	5,000	35,000	5,000	4,700	1,700	46,400
		Jan-Jun 2023	2	-	35,000	5,000	4,700	-	44,700
		Jul-Dec 2023	3	-	21,000	5,000	4,700	1,000	31,700
		Jan-Jun 2024	4	-	10,000	5,000	4,700	-	19,700
10.	MA / M.Sc. (Duration 2 Yrs)	Jul-Dec 2022	1	5,000	11,000	2,000	4,700	1,700	19,400
		Jan-Jun 2023	2	-	11,000	2,000	4,700	-	17,700
		Jul-Dec 2023	3	-	11,000	2,000	4,700	1,000	18,700
		Jan-Jun 2024	4	-	11,000	2,000	4,700	-	17,700
11.	MCA (Duration 2 Yrs)	Jul-Dec 2022	1	5,000	35,000	5,000	4,700	1,700	46,400
		Jan-Jun 2023	2	-	35,000	5,000	4,700	-	44,700
		Jul-Dec 2023	3	-	35,000	5,000	4,700	1,000	45,700
		Jan-Jun 2024	4	-	35,000	5,000	4,700	-	44,700
12.	MBA (Duration 2 Yrs)	Jul-Dec 2022	1	5,000	35,000	5,000	4,700	1,700	46,400
		Jan-Jun 2023	2	-	35,000	5,000	4,700	-	44,700
		Jul-Dec 2023	3	-	35,000	5,000	4,700	1,000	45,700
		Jan-Jun 2024	4	-	35,000	5,000	4,700	-	44,700

**Note :** The following Fee have not been included in the "Total Fee" of above Fee Structure:-

1. Non-refundable amount of Admission Processing Fee / Counselling Fee (as applicable) will be charged at the time of admission only.
  2. Examination Fee (as applicable) will be charged by Examination Department before the start of Semester Examination.
- # Security Deposit is a refundable amount and will be charged at the time of admission. This amount is not included in total Fee Structure.

**Bifurcation of University Related Fee (URF):**

<b>Sr.No.</b>	<b>University Related Fee</b>	<b>Admission</b>	<b>Re-admission</b>
1	University Continuation Fee	100	100
2	Youth Welfare Fee	200	200
3	Cultural & Allied Activities Fee	200	200
4	University Sports Facility Development	200	200
5	University Sports Fee	100	100
6	Magazine Fee	200	200
7	University Registration Fee/Portal fee	500	-
8	University Eligibility/Enrolment Fee	200	-
	<b>Total URF</b>	<b>1700</b>	<b>1000</b>

**Bifurcation of Student Related Fee (SRF):**

<b>Sr.No.</b>	<b>Student Related Fee</b>	<b>Amount</b>
1	Educational Tour Fee	300
2	NCC/NSS/Sports	500
3	Memberships Fee	200
4	Library Fund	500
5	T&P Fee	500
6	ID Card	100
7	Alumni Fee	100
8	Audio/Visual Aids	500
9	Student Activities Fee	500
10	Infrastructure Maintenance	1000
11	Medical Charges	500
	<b>Total SRF</b>	<b>4700</b>

# UNIVERSITY FACULTY HIGHLIGHTS

Enthusiasm and commitment to teach are primary characteristics of our faculty. From Engineering to Sciences and Management, the faculty of all streams leaves no stone unturned to spark your curiosity and challenge you to grow. The University strives to prepare thoughtful leaders and entrepreneurs for the globalized world.

We are proud to have a lucrative combination of senior, expert faculty members as well as qualified, young, energetic and dedicated faculty. Apart from full time faculty, guest lectures are arranged from academics as well as Industry to complement the efforts of the University faculty.

- ❖ Most of the faculty members are PhD degree Holders.
- ❖ The faculty has published research papers in reputed journals and presented their work in top conferences all over the world.
- ❖ The faculty members have authored reference and textbooks with reputed publication houses.
- ❖ Our faculty is a part of various Editorial and Reviewer Board of Journals.

# DEPARTMENT OF APPLIED SCIENCES



## PHYSICAL SCIENCES

The department is offering Graduate, Post-graduate, and PhD. programs in Physics. The Department has well equipped laboratories of Optics, Mechanics, Electromagnetism and Modern physics for undergraduates, Advanced Electronics, Atomic and Molecular, Nuclear, Condensed matter and Computational physics for post graduate classes, which allows the students to explore a variety of experiments, thereby helping them in understanding the fundamental aspects of the subject. Postgraduate students get 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 1.5 crores under national/international, collaborations are presently operating in the Department.

### PROGRAMMES OFFERED

Programmes	Intake	Duration
B.Sc. (Hons.)-Physics	60	03years
M.Sc. - Physics	25	02years
Ph. D. In all pure and inter disciplinary branches of Physics	As per availability of slots	

### RESEARCH AREAS

- Condensed Matter Physics
- Nuclear Physics
- High Energy Physics
- Nanomaterials
- Renewable Source of Energy
- Material Science
- Computational Physics

### FACULTY MEMBERS

Name	Designation	Specialisation
Dr.Hitesh Sharma	Associate Professor	Material Science and Nanotechnology
Dr.Maninder Kaur	Assistant Professor	Experimental Nuclear Physics
Dr.Varinderjit Singh	Assistant Professor	Experimental Nuclear Physics
Dr.Neetika	Assistant Professor	Theoretical High Energy Physics

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

- Research Publications in International Journals:42
- Research Publications in National Journals:39
- Paper Presentations in International Conferences:13
- Paper Presentations in National Conferences:23
- Research Scholars Guided: 51
- Projects Undertaken by Faculty:07
- Books/Book Chapters Published:17

## PROJECTS UNDERTAKEN BY FACULTY\*

Project Title/Details	Sanctioned Amount	Funding Agency	Principal/Co Principal Investigator
"Ab initio investigation of catalytic effect of carbon nanostructures on complex metalhydride"	11.42lakhs	DST	Dr.Hitesh Sharma
"Tuning Graphene Nanostructures for Gas Sensor"	26lakhs	CSIR	Dr.Hitesh Sharma
Work on Biodiesel(2012-2015)	27lakhs	SERB	Dr.Amit Sarin
"To investigate the effect of deformation on nuclear dissipation"(2016-2019)	6.75lakhs	IUAC	Dr.Maninder Kaur
"Investigation of fusion enhancement for neutron-rich symmetric systems near and below the fusion barrier"	6.75lakhs	IUAC	Dr.Varinderjit Singh
"The magnetic moments of N* and negative parity resonances"(2013-2016)	21.46lakhs	SERB	Dr.Neetika
"Diffractive vector meson production at HERA using a holographic AdS/QC Dapproach"(2018-2021)	18.51lakhs	SERB	Dr.Neetika
Study of interface magnetic interactions in LaO <sub>7</sub> SrO <sub>3</sub> MnO <sub>6</sub> /A <sub>2</sub> LnRuO <sub>6</sub> Hetero structures for spintronics application	34.72lakhs	SERB	Dr. Rabia Pandit/Dr.Hitesh Sharma

## SOME MAJOR PLACEMENTS

Student Name	Company
Dr.Deepak Agnihotri, Ph.D.	Faculty, RBU, Mohali
Dr.Arun Upmanu, Ph.D.	Faculty, CU, Chandigarh
Dr.Sandeep Kumar, Ph.D.	Faculty, Govt. College Ambala
Dr.Meenakshi, Ph.D.	Faculty, KMV, Jalandhar
Mr.Harshvardhan, M.Sc.	Scientist, BARC centre, New Delhi

## DEPARTMENT LABORATORIES



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



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



Department Faculty and Staff



Atomic Physics Laboratory



Group photo with HOD's, Experts and students during FDP on "Recent Advances in Nanostructured Materials"

## Contact for Admission

**Dr. Hitesh Sharma**

Associate Professor

Mobile No: - 94780-98060

Email ID:- [hitesh@ptu.ac.in](mailto:hitesh@ptu.ac.in)

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

## CHEMICAL SCIENCES

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

### Programmes Offered

S. No.	Programmes	Intake	Duration
1	BSc Honours (Chemistry)	60	03 Years
2	MSc (Chemistry)	25	02 years
3	MSc (Environmental Science)	10	02 years
4	PhD	As per availability of slots	As per availability of slots

### Research Areas

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

### Faculty Members

Name	Designation	Experience	Specialisation
Dr. Gaurav Bhargava	Professor & Head	19 years	Organic Chemistry/ Medicinal Chemistry
Dr. Chander Prakash	Assistant Professor	17 years	Environmental Sciences/ Biology
Dr. Vandana Naithani	Assistant Professor	15 years	Environmental Sciences
Dr. Rupesh Kumar	Assistant Professor	13 years	Organic Chemistry/Photochemistry
Dr. Roopa	Assistant Professor	07 years	Organic Chemistry/Supramolecular Chemistry
Dr. Reshu Sanan	Assistant Professor	09 years	Physical/Analytical Chemistry

### Research Publications/Patents/Projects/Research Guidance

- Paper Presentations in National Conferences: 48
- Paper Presentations in International Conferences: 25
- Books/Book Chapters Published: 02
- Projects Undertaken by Faculty: 03
- Research Scholars Guiding (PhD): 9
- Research Publications in National Journals: 15
- Research Publications in International Journals: 123
- Patents: NIL
- Research Scholars Guided (MSc): 49
- Research Scholars Guided (PhD): 03

### Projects Undertaken By Faculty

Project Title/Details	Sanctioned Amount	Funding Agency	Principal/Co-Principal Investigator
Transition metal catalysed inter-/intramolecular cycloaddition reactions of methylene & vinylcyclopropanes: 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- $\beta$ -lactams	23 Lakh	Department of Science and Technology (DST)	Dr. Gaurav Bhargava
Fluorescence detection of activity and inhibition of histone deacetylases	29.12 Lakh	SERB, Department of Science and Technology (DST)	Dr. Roopa

## Some Major Placements

Student Name	Company
Raman Dhall (MSc)	Research Chemist at Spharea Pharmaceuticals Inc.
Yogesh Kumar (PhD)	Post-Doctoral Associate in Durham University, UK
Bilash Kuila (PhD)	Senior Research Scientist at Augens Pharmaceuticals Inc.
Bhuvesh(MSc)	Research Chemist at Transtational Health Research Institute, New Delhi
Shakshi (M.Sc.)	Chemist in Iovincare cosmetic Pvt.LTD. (H.P)
Deepka (M.Sc.)	Govt. Job (Teacher)

## Department Laboratories



Inorganic Chemistry Laboratory



Engineering Chemistry Laboratory



Inorganic Chemistry Laboratory



Physical Chemistry Laboratory

## Contact for Admission

**Dr. Gaurav Bhargava**

Professor

Mobile No: - 94780-98058

Email ID:- gaurav@ptu.ac.in

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## MATHEMATICAL SCIENCES

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

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

### Programmes Offered

Programmes	Intake	Duration
B.Sc. (Hons.) Mathematics	60	3 Years
B.Sc. (Non- Medical)	60	3 Years
M.Sc. (Mathematics)	25	2 Years
Ph.D. Mathematics	As per availability of slots	

### Research Areas

- Continuum Mechanics
- Numerical Analysis
- Information Theory & Coding
- Number Theory

### Faculty Members

Name	Designation	Experience	Specialization
Dr. Ashish Arora	Professor	21 Years	Continuum Mechanics
Dr. Rajesh Narula	Assistant Professor	23 Years	Information Theory & Coding
Dr. Gurjinder Singh	Assistant Professor	09 Years	Numerical Analysis
Dr. Megha Goyal	Assistant Professor	06 Years	Number Theory

### Research Publications/ Books/ Research Guidance

- Paper Presentations in National Conferences: 42
- Books/Book Chapters Published: 05
- Research Publications in National Journals: 12
- Research Scholars Guided (M.Phil.): 04
- Paper Presentations in International Conferences: 13
- Research Scholars Guided (Ph.D.): 06
- Research Publications in International Journals: 55
- Research Scholars Guiding (Ph.D.): 10

## Projects Undertaken By Faculty Members

Project Title/Details	Sanctioned Amount	Funding Agency	Principal/Co - Investigator
Wave Propagation in Porous Media	03 Lakhs	Department of Science and Technology	Dr. Ashish Arora
Waves in Composite Solid Matrix Saturated by Multiple Fluids	20 Lakhs	Council of Scientific and Industrial Research	Dr. Ashish Arora
Mathematical and Philosophical Foundations of Ancient Indian Yantras	02 Lakhs	Indian Council of Philosophical Research	Dr. Ashish Arora
New Numerical Schemes to Solve Initial Value Systems of Ordinary Differential Equations	05 Lakhs	TEQIP-II	Dr. Gurjinder Singh

## Some Major Placements

Student Name	Organization
Dr. Abhishek Painuly-Research Fellow	Post Doctoral Position at Department of Marine Geosciences, University of Haifa, Israel.
Dr. Mandev Singh	Faculty of Business Administration, University of Yorkville, Canada.

## Events Organized/ Student Activities



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



Photo during a workshop conducted by the Department.

## Contact for Admission

**Dr. Ashish Arora**

Professor

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# ENGINEERING



## 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. Its having a major role in the evolution of mankind. The Department offers under Graduation Post graduate and Research Programmes in Civil Engineering. The B. Tech course in Civil Engineering emphasises 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 emphasises on learning and upgradation of various technical and professional skills with up-to-date software training and has well-established labs with advance software such as STAAD PRO, AutoCAD, etc. with unlimited licences.

### Programmes Offered

S. No.	Programmes	Intake	Duration
1	B.Tech Civil Engineering	60	04
2	M.Tech (Civil Engineering) (Geotechnical Engineering)	18	02
3	PhD in Civil Engineering, Architecture & Planning	As per availability of slots	

### Research Areas

- Ground Improvement
- Subgrade Improvement
- Use of Geosynthetics
- Utilisation of waste in Highway
- Soil Liquefaction
- Built Environment
- Geo Environmental Engineering
- Numerical Modelling

### Faculty Members

Name	Designation	Experience	Specialization
Dr. Rajiv Chauhan	Associate Professor and Head	17 years	Geotechnical Engineering
Dr. Neeru Singla	Assistant Professor	17 years	Structures

### Research Publications/Patents/Projects/Research Guidance

- Books/Book Chapters Published:06
- Research Scholars Guiding (PhD): 03
- International Conference:17
- Research Scholars Guided: 04
- Research Publications in National Journals :04
- Research Publications in International Journals : 23
- Patents :01
- National Conference : 05

### Some Major Placements

Student Name	Organization
Dhruv	Vipro
Sourav Droch	SG & Associates
Gaurav	SG & Associates

### Awards/Achievements of Students

Student Name	Award/Achievement	Event	Month-Year
Angad preet Singh	Qualified GATE	GATE Examination 2022	2022
Sonal Kumar	Qualified GATE	GATE Examination 2022	2022
Arun Kumar	Qualified GATE	GATE Examination 2022	2022
Simranjeet Singh	Qualified GATE	GATE Examination 2021	2021
Jaspreet Singh	Qualified GATE	GATE Examination 2020	2020
Yashpreet Kaur	Qualified GATE	GATE Examination 2020	2020

## Department Laboratories



Computer Lab



Environment Lab



Geotechnical Lab



Field Visit



Cadd Training



Concrete lab



Geotechnical Field Project



Survey Lab



Field Visit to Rail Coach Factory

## Contact for Admission

Dr. Rajiv Chauhan

Associate Professor and Head

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

## 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 of Engineering degree in Computer Science and Engineering (CSE). The Department has always been on a high growth path aligned to cater the current need of the discipline and region, the department has started Bachelors of Computer Applications (BCA). Department is also research fad and is hence offering Doctor of philosophy (PhD) in Computer Science Engineering. The department's many strengths include its high faculty-to-student ratio, state of the art facilities, renowned doctorate faculty, strong focus on classroom-based education honed with leading-edge practical approach, research orientation, and emphasis on leadership, service, and ethics.

### Programmes Offered

Sr. No.	Programmes	Intake	Duration
1.	B Tech (Computer Science & Engineering)	480	4 Years
2.	Bachelor of Computer Application	120	3 Years
3.	M Tech (Computer Science & Engineering)	18	2 Years
4.	PhD	As per availability of slots	

### Faculty Members

Name	Designation	Experience	Specialisation
Dr. Raman Kumar	Assistant Professor	14 years	Information Security, Cryptography and Security Engineering
Dr. Anshu Bhasin	Assistant Professor	19 years	Computer Networks, Cloud Computing
Dr. Pooja	Assistant Professor	12 years	Digital Image Processing, Pattern Recognition, CBIR
Dr. Dinesh Gupta	Assistant Professor	13 years	Data Mining

## Some Major Placements

Name	Company Placed	Name	Company Placed
Palkeen Kaur	IBM	Anurag Bhardwaj	Wipro
Anurag Bhardwaj	IBM	RAGHAV KAUSHAL	Wipro
Shivansh	IBM	Keshav Kumar	Wipro
Vaishali	IBM	Mittali Walia	Wipro
Ritik Gaur	IBM	Vipul Prajapati	TCS
Shivam Sharma	IBM	Bhuvan sharma	TCS
Abhishek kumar	IBM		
Ravi Yadav	IBM	Shivansh	TCS
Nitish kumar	Cognizant	Kushal	TCS
Ashish Anand	Cognizant	Ravi Yadav	TCS
Anurag Bhardwaj	Cognizant	Ritik Gaur	TCS
Ishika	Cognizant	Anurag Bhardwaj	TCS
Gurpreet singh	Cognizant	Loveinder Singh	Zscaler
Anchal rai	Cognizant	Gurpreet singh	Zscaler
Mittali Walia	Cognizant	RAGHAV KAUSHAL	Zscaler
Shivansh	Cognizant	Bhuvan sharma	Zscaler
Kanwarpreet Singh	Cognizant	Anurag Bhardwaj	Zscaler
Vaishali	Cognizant	Umang Bhargava	L&T
Loveinder Singh	Cognizant	Prem Kumar	Capgemini
Bhuvan sharma	Cognizant	Shubham Kumar	Capgemini
Kushal	Cognizant	Satyam kumar Panday	Capgemini
Prem Kumar	Cognizant		
Vipul Prajapati	Cognizant		
Ravi Yadav	Cognizant		
Ritik Gaur	Cognizant		
Shivam Sharma	Cognizant		
Abhishek kumar	Cognizant		
Pardeep Kumar	Cognizant		
Zatin	Wipro		
Ashish Anand	Wipro		
Vipul Prajapati	Wipro		
Pardeep Kumar	Wipro		
Bhuvan sharma	Wipro		
Ritik Gaur	Wipro		
Ravi Yadav	Wipro		
Nitish kumar	Wipro		
Kushal	Wipro		

### CONTACT FOR ADMISSION

#### Dr. Dinesh Gupta

Assistant Professor

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

## DEPARTMENT OF MECHANICAL ENGINEERING

Department of Mechanical Engineering is offering Graduate, Post-graduate, and PhD. programs in Mechanical Engineering. The Department has well-equipped laboratories related to basic, core and advanced subjects of mechanical and allied engineering courses which helps students to pursue 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 PhD Degree holders with an average teaching experience of more than 18 years. Faculty of the department has their expertise in Machine Design, Automobile Engineering, Thermal Engineering, Fluid Mechanics, Heat Transfer, Surface Engineering, Additive Manufacturing and 3D printing etc.

Faculty members of the department have presented their research papers in 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. Deepak Kumar Goyal (Incharge-Mechanical Engineering), with an experience of more than 18 years of teaching and research.

### Programmes Offered

Programmes	Intake	Duration
B. Tech. - Mechanical Engineering	60	4 Years
M. Tech. - Mechanical Engineering (Manufacturing Engineering & Automation)	18	2 Years
PhD	As per availability of slots	As per availability of slots

### Research Areas

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

### Faculty Members

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

Name	Designation	Experience	Specialization
Dr. Vikas Chawla	Professor & Dean (Academics)	22 Years	Surface Engineering, Friction Welding, Corrosion Engineering
Dr. Neel Kanth Grover	Professor	25 Years	Fluid and Thermal Engineering
Dr. Deepak Kumar Goyal	Incharge & Assistant Professor	18 Years	Engineering, Mechanics and Machine Design
Dr. Jujhar Singh	Assistant Professor	19 Years	Conventional and Non -Conventional Machining, Composites
Dr. Amoljit Singh Gill	Assistant Professor	08 Years	Engineering Graphics and Solid Mechanics
Dr. Tarun Goyal	Assistant Professor	20 Years	Surface Engineering, Materials Science and Advanced Manufacturing Processes
Dr. Manoj Mittal	Assistant Professor	24 Years	Fluid, Thermal and Manufacturing
Dr. Vivek Aggarwal	Assistant Professor	22 Years	Conventional and Non -Conventional Machining, Superalloys
Dr. Amit Bansal	Assistant Professor	09 Years	Production and Materials Engineering

## Research Publications/Patents/Projects/Research Guidance

- More than 350 papers in journals of repute
- 100 + M. Tech. Dissertations
- 235+ publications in conferences
- 25 completed PhDs and similar number ongoing
- 70 books and book chapters
- 5 patents







## Contact for Admission

**Dr. Deepak Kumar Goyal**

Incharge, Department of Mechanical Engineering

Mobile: 9465884836

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

## 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 PhD 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.

### Programmes Offered

S. No.	Programmes	Intake	Duration
1	B.Tech. (Electronics& Communication Engineering)	60	4 Years
2	B.Tech. (Artificial Intelligence& Machine Learning)	60	4 Years
3	M.Tech (Electronics& Communication Engineering) (Wireless Communications)	18	2 Years
4	Ph.D	As per availability of slots	

### Research Areas

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

### Faculty Members

Name	Designation	Experience	Specialisation
Dr. Avtar Singh Buttar	Associate Professor& Head	30 years	Wireless Communication, Soft Computing
Dr. Satvir Singh	Associate Professor	22 years	Applied Soft Computing & VLSI
Dr. Dalveer Kaur	Assistant Professor	13 years	VLSI, Microwave and Wireless Communication
Dr. Rakesh Goyal	Assistant Professor	13 years	Optical and Wireless Communication
Dr. Amit Gupta	Assistant Professor	20 years	Optical and Wireless Communication
Dr. Rakesh Kumar	Assistant Professor	21 Years	Evolutionary Algorithms, Mobile Ad Hoc Networks

## Research Publications/Patents/Projects/Research Guidance

- Paper Presentations in National Conferences: 49
- Paper Presentations in International Conferences: 74
- Books/Book Chapters Published: 11
- Projects Undertaken by Faculty: 10
- Research Scholars Guiding (PhD): 23
- Research Publications in National Journals: 18
- Research Publications in International Journals : 229
- Patents: 05
- Research Scholars Guided (MTech/MBA/MSc/MPhil): 94
- Research Scholars Guided (PhD): 19

## Projects Undertaken/Undergoing By Faculty

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

## Patents Granted

Title of Invention	Patent Number/ Application Number	Name of Inventor
A device and method to control head lights of vehicles as per behaviour 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

## Some Major Placement (2018-2022)

S No.	Company	Student's Name
1	Increff	Vikash Kumar Singh
2	Securonix	Kanishk Sharda
3	Thales	Kanishk Sharda
4	Cognizant	Kanishk Sharda
5	Infosys	Vikram Kumar Ray
6	OCCL	Vikash Kumar Singh
7	Quovantis	Vikash Kumar Singh
8	Zscaler	Shivani Chandrana
9	Cognizant	Shivani Chandrana
10	IBM	Vikash Kumar Singh
11	IBM	Shivani Chandrana
12	L&T	Aishwarya Srivastava
13	Capgemini	Aishwarya Srivastava
14	Capgemini	Nihal Goswami
15	Cognizant	Jaskirat Singh
16	Cognizant	Rachit Kulshrestha
17	Cognizant	Vikram Kumar Ray
18	BYJU'S	Aishwarya Srivastava
19	DevoHack	Sunder Singh
20	TCS	Aditi Thakur
21	TCS	Kundan Singh
22	TCS	Shivani Chandrana
23	TCS	Vikash Kumar Singh
24	Tech Bridge	Kundan Singh
25	Wipro	Aditi Thakur
26	Wipro	Nihal Goswami
27	Wipro	Kanishk Sharda
28	Wipro	Vikram Kumar Ray
29	Wipro	Shivani Chandrana
30	Infosys	Ankush
31	Tech Mahindra	Sunder Singh

## 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

## Department Laboratories



Communication Laboratory



Digital Circuit Logic Design Laboratory



Electronic Devices Circuits Laboratory



Digital Circuit Logic Design Laboratory



Simulation Laboratory



Institutional Training Session

## Events Organised



**"Be like Engineer"**  
Technical Competition to celebrate  
Engineers Day



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



**"Be like Engineer"**  
Technical Competition to celebrate  
Engineers Day



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

## IKGPTU develops 'Sodhavani' for virus protection

TRIBUNE NEWS SERVICE

JALANDHAR, OCTOBER 18

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

A student of B.Tech 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

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Associate Professor and Head

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## DEPARTMENT OF ELECTRICAL ENGINEERING

The Department was established in the year 2014 in IK Gujral Punjab Technical University Main campus which currently offers **Undergraduate, Postgraduate and PhD Programmes in Electrical Engineering**. The department boasts well-equipped laboratories with state-of-the-art technology which provides opportunities to students for hands on experience, thereby helping them in understanding the fundamental aspects. 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. The 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.

### Programmes offered

Programmes	Intake	Duration
B.Tech. (Electrical Engineering)	60	4 Years
M.Tech. (Electrical Engineering) (Power Systems and Renewable Energy)	18	2 Years
Ph.D.	As per availability of slots	

### Research Areas Of Faculty Members

- Power system optimization/Power market
- Renewable energy/Distributed generation/Power quality/Smart grids
- Dielectrics/Condition monitoring of power equipment
- Solar photovoltaic grid integration
- Power market/Electricity market/Power sector deregulation

### Laboratory infrastructure

**Under Graduate Laboratories:** Power Electronics & Drives Laboratory, Basic Electrical Engineering Laboratory, Electrical Machines Laboratory, Power Systems Laboratory, Electrical Measurements & Instrumentation Laboratory, Control Systems Laboratory, PLC Laboratory

**Research Laboratories:** Computational Laboratory, Project & Research Laboratory

### Faculty Members

Name	Designation	Specialization	Experience
Dr. Yadwinder Singh Brar	Professor	Power system operation & control	30 Years
Dr. Gagandeep Kaur	Associate Professor	Renewable energy, Distributed generation, Power quality	24 Years
Dr. Deepika Bhalla	Assistant Professor	Power equipment, Transformer condition monitoring, Artificial intelligence	29 Years
Dr. Naveen Kumar Sharma	Assistant Professor	Grid-Integration of Renewable Energy Sources, Distributed Generation, Power Market, Power system Optimization	09 Years
Dr. Akhil Gupta	Assistant Professor	Power quality, Smart grids and solar photovoltaic grid integration	22 years

## Student Club

E2C- “Electrical Engineers Club” a club of the students aims for improvement of their technical knowledge and also provide them an exposure to technical world by involving them in various technical activities, seminars and workshops. It also helps boost their organizational and leadership skills.

## Some Major Placements

Sr. No.	Name of student	Name of organization where placed
1	Shefali	Entuple Technologies
2	Ankush Garg	Mahashakti Energy Limited
3	Rohit Roy	Mahashakti Energy Limited
4	Rohit Roy	Tech Mahindra Limited
5	Subhash Kumar	Mahashakti Energy Limited
6	Navdeep Singh	Mahashakti Energy Limited
7	Pankaj	Guru Nanak Auto Enterprises Limited
8	Mithlesh Kumar	RajuBros Softech Pvt Ltd
9	Basit Bashir	Hindustan Petroleum Corporation Limited
10	Vishal Kumar	Congruex Asia Pacific LLP
11	Khamesh Sharma	Tata Consultancy Services Limited
12	Munish Kumar	Tata Consultancy Services Limited
13	Ankur Chauhan	Wipro
14	Ruhi Kumari	Cognizant
15	Abhinav Pathania	L&T Technology Services
16	Bhanu	L&T Technology Services

## Research Projects Completed:

Scheme	Name of the coordinator
RPS(Harnessing of Biomass as a means of sustainable source of energy)	Dr. Y.S. Brar
R&D DST International Conference grant	Dr. Y.S. Brar
Travel Grant	Dr. Y.S. Brar

## DEPARTMENT LABORATORIES



*Basic Electrical Laboratory*



*Power System Laboratory*



*Electrical Machines Laboratory*



*Computer Laboratory*



*Power Electronics & Drive Laboratory*



*Institutional Training Session*

## EVENTS ORGANISED



Electrical Engineering Department organized B.Tech EE (Batch 2020-21) On-line Induction Program



Teachers Day Celebration

### Contact for Admission

**Dr. Gagandeep Kaur**

Associate Professor and Head

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# DEPARTMENT OF FOOD SCIENCE & TECHNOLOGY

## Department of Food Science & Technology

The department of Food Science and Technology is committed to build a community that thrives on diversity, equity and equality. The discovery, innovation, and application of new knowledge for which we are known internationally derives from the vibrancy and connectedness of our diverse and extended community of current and former students, staff, industry and faculty members. The students at internationally recognized Food Science and Technology department completes a rigorous scientific curriculum that prepares them well for the numerous job opportunities available in the food industry or for graduate studies in the physical, chemical, and biological sciences and medicine. Members of this group apply a fundamental understanding of biological, chemical, physical, and behavioural sciences to the processing, preservation, quality evaluation, public health aspects, and utilization of foods. The graduate group offers Programmes leading to MSc Food Technology, MSc Clinical Research and M. Tech. Food Technology. The Department of Food Science and Technology is fully committed to provide educational, research and social environments that are both rich in diversity of thought, and welcoming of cultural, religious, racial and individual differences, including gender expression and disabilities. The department is having 04 dedicated research labs equipped with sophisticated instruments like UV Visible Spectrophotometer, HPLC, Gas Chromatography, Rotary Evaporator, Lyophilise, BOD Incubator, COD Incubator, Shaker Incubator, PCR, Refrigerated Centrifuge machine, ELISA, Gel DOC etc.

## Programmes Offered

S. No.	Programmes	Intake	Duration
1.	B.Sc. Honours Food Technology	60	4 Years
2.	M.Sc. Food Technology	25	2 Years
3.	M.Sc. Clinical Research	10	2 Years
4.	Ph.D. Food Science & Technology	As per availability of slots	
5.	Ph.D. Pharmaceutical Sciences	As per availability of slots	
6.	Ph.D. Life Sciences (Biotechnology)	As per availability of slots	

## Research Areas

- Extraction of macro and micro molecules of Food
- Optimization of product and processes of food
- Engineering properties of food
- Food Analysis
- Nutrigenomics
- Pharmaceutical Biotechnology
- Valorization of Food Waste
- Nutraceuticals
- Functional Foods
- Pharmaceutical Biotech
- Pharmacovigilance
- Cereal, legumes, fruits and Vegetable Science
- Functional Food and Nutrigenomics

## Faculty Members

Name	Designation	Experience	Specialisation
Dr. Rajneesh Sachdev	Associate Professor	18 Years	Processing & Food Engineering
Dr. Gazal Sharma	Assistant Professor	14 Years	Pharmaceutical/ Biotechnology
Dr. Shabir Sidhu	Assistant Professor	12 Years	Pharmacology
Dr. Barinderjit Singh	Assistant Professor	16 Year	Food Technology

## Research Publications/Patents/Projects/Research Guidance

- Paper Presentations in National Conferences:09
- Paper Presentations in International Conferences:14
- \*Books/\*\*Book Chapters Published:08
- Projects Undertaken by Faculty:00
- Research Scholars Guiding (PhD):03
- PG Thesis Guided (M.Tech): 37
- Research Publications in National Journals:06
- \*\*\*Research Publications in International Journals:38
- Patents: 0
- Research Scholars Guided:10
- Research Scholars Guided (PhD):04
- PG Thesis Guided (M.Sc.):73

## Some Major Placements

Student Name	Course	Company
Ms. Jagroop Kaur	MSc Clinical Research	Department of Health and Family Welfare Govt of Punjab
Ms. Bhavneet	MSc Food Technology	Jaro Education
Mr. Abhishek Chaudhary	MTech Food Technology	Byju's Bangalore
Mr. Abhishek Bhargava	MSc Food Technology	NectafreshAgrofoods
Mr. Abhishek Sharma	MTech Food Technology	JUBILANT Food Works
Ms. Jasmin Kaur Cheema	MSc Food Technology	ITC Limited, Kapurthala
Ms. Karishma Gambir	MSc Food Technology	Start Icon Consultancy Pvt. Ltd.
Mr Saptadeep Sanyal	MSc Food Technology	Scientific and Digital Systems, New Delhi
Mr Suvajit	MSc Food Technology	Jubilant FoodWorks Ltd, Mohali
Ms Mehak Aftaab	MSc Food Technology	Genesis PacAssistPvt.Ltd. New Delhi
Ms. Ananya Sharma	M.Sc. Food Technology	Aayukart Private Ltd.
Ms. Vani Jayachandran	M.Tech Food Technology	Aayukart Private Ltd.
Mr. Gagandeep Singh	M.Sc. Clinical Research	Gastro Lab Pvt. Ltd
Ms. Saloni Sharma	M.Sc. Food Technology	Foodcoast International- A food Processing Company
Ms. Komal Kaithal	M.Sc. Food Technology	Foodcoast International- A food Processing Company
Mr. Abhishek Pandey	M.Sc. Food Technology	Life Style Foods Pvt. Ltd and Unique Fragrance
Mr. Akshay Kumar Pandey	M.Sc. Food Technology	Mahaan Foods Ltd.

## Department Laboratories

Name of Laboratory	
Food and Analysis	Instrumentation Lab
Microbiology Lab	Nutrition and Biology Lab
Genetics and Molecular Lab	



**Food & Analysis**



**Class Room**



**Instrumentation Lab**



**Nutrition and Biology Lab**



**Instrumentation Lab**



**Microbiology Lab**

## **Events Organised/Student Activities**



**Sport day Celebration**



**Sport day Celebration**



**Metro Milk Pvt.Ltd Jagjit Industry Punjab**



**TAP-B Plan Winning Team**

## **Contact for Admission**

**Dr. Rajneesh Kant Sachdev**

Director and Head

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**Dr. Shabir Sidhu**

Assistant Professor

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**Management**  
**Journalism and Mass Communication**  
**Humanities, Languages and Cultural Studies**  
**Hotel Management**



## DEPARTMENT OF MANAGEMENT AND HOSPITALITY

The department 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 of Management 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 classrooms, experienced core faculty with international exposure. The department offers management Programmes namely, Masters of Business Administration (MBA), Bachelor of Business Administration (BBA) and PhD in the area of Marketing, Finance and Human Resources. The department is all set to begin with short-term Certificate Programmes in the area of Advertising and Retail Management, Credit Risk and Treasury Management and Retail Banking in the near future.

### Programmes Offered

S. No.	Programmes	Intake	Duration
1.	MBA	60	2 Years
2.	BBA	60	3 years
3.	Bachelor of Hotel Management & Catering Technology (UGC)	60	3 years
4.	PhD	As per availability of slots	As per availability of slots

### Research Areas

○ Customer Relationship Management	○ Adoption of Mobile Technologies	○ Scale Development and Validation
○ Corporate Finance and Accounting	○ Corporate Disclosures	○ Risk Management and Reporting
○ Corporate Governance and Management	○ Market efficiency	○ Forex Market
○ Commodity and Derivative Markets	○ Corporate Social Responsibility and Business Ethics	○ Employee Relations
○ Industrial Organisational Psychology	○ Performance and Compensation Management	○ Green HRM & Green Marketing

## Faculty Members

Name	Designation	Experience	Specialisation
Dr. Harmeen Soch (HOD)	Professor	22.5 Years	Marketing Management
Dr. Kapil Gupta	Assistant Professor	17 years	Finance and Accounting
Dr. Mandeep Kaur	Assistant Professor	17 years	Finance
Dr. Pooja Mehta	Assistant Professor	15 years	Human Resource Management
Dr. Sanjeev Kumar Bansal	Assistant Professor	24 years	Accounting and Finance
Dr. Roopali Batra	Assistant Professor	18.5 years	Finance
Dr. Rajpreet Kaur	Assistant Professor	14 years	Human Resource Management

## Research Publications/Patents/Projects/Research Guidance

- Paper Presentations in National Conferences: 120
- Paper Presentations in International Conferences: 84
- Books/Book Chapters Published: 97
- Projects Undertaken by Faculty: 5
- Research Scholars Guiding (PhD): 29
- Research Publications in National Journals: 85
- Research Publications in International Journals: 100
- Research Scholars Guided (PG): 590
- Research Scholars Guided (PhD): 20

## Projects undertaken by Faculty

Project Title/Details	Sanctioned Amount	Funding Agency	Principal/Co-Principal Investigator
Construction and Standardization of Scale for Measuring the Customer Relationship Activity in an Organization.	INR 60,000	UGC	Principal Investigator - Dr. Harmeen Soch
Critical Success Factors and Driving Forces for Wireless Web Adoption – An Empirical Investigation of Indian and Canadian Consumers.	INR 623,700	UGC	Principal Investigator - Dr. Harmeen Soch
Price Discovery and Arbitrage Efficiency in the Indian Equity Futures and Cash Markets	INR 50,000	National Stock Exchange of India	Co-investigator - Dr. Kapil Gupta

## Some Major Placements

Student Name	Company
Gurkaran Singh	Learning Routes, Mohali
Chinardeep	Bajaj Alliance Life Insurance Ltd
Manpreet Singh	RedCarpet tech Pvt Ltd.
Ankit Chander	RedCarpet tech Pvt Ltd.
Yashpreet Singh	RedCarpet tech Pvt Ltd.
Tapasya Bahl	Capital Via
Shiwanshi Sharma	ICICI Bank Ltd
Abhijeet Singh	Just Dial
Staffy Rana	Just Dial
Damanpreet Kaur	Just Dial

## Department Laboratories



Computer Lab



Computer Lab



Computer Lab



Computer Lab



Pariksha Pe Charcha 2020 by PM Modi via Webcast Live

## Events Organised/Student Activities

- Mr. Anoop Kumar, Inspector, Incharge of Traffic Zone / Commissionerate Police Amritsar delivered a talk on Traffic Rules through Online Mode to our students, faculty members of Management and other departments of University on December 24, 2021 at 11:00 am.
- A Fresher's Party was organized on December 15, 2021 to give a warm welcome to the new comers in a friendly atmosphere and to encourage their creative impulses to boost their confidence.
- Dr. Kartik R. Raman, Expert in Community Service and other Social Welfare Activities and also working with UMANG NGO for National TOBACCO CONTROL delivered a talk on Drug De-Addiction through Online Mode for our students, faculty members of Management and other departments of University on December 14, 2021 at 11:00 am.
- Mr. Vikas Aggarwal, Manager Training, Lupin Pharmaceuticals Ltd., Mumbai delivered an expert lecture, through Online Mode, on “How to be Industry Ready” on March 12, 2021.
- Mr. Vivek Bhatia, Adjunct Faculty, IBS Business School, Gurgaon delivered an expert lecture, through Online Mode on “Challenges in Aligning for the Right Direction during the Tough Times” on March 10, 2021
- Sh. Avtar Singh, Inspector, Traffic In-charge, Punjab Police Academy, Phillaur Distt. Jalandhar delivered an online talk on 'Traffic Rules' to students, faculty members of Management and other departments of University on November 24, 2020 at 11:00 am.
- Dr. Sanjay Khanna, Assistant Professor, Medical College, Amritsar and Medical Officer at Civil Hospital, Jalandhar delivered an online seminar on the topic of “Drug De-addiction” on October 20, 2020 at 11:00 am.

## Contact for Admission

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Professor and Head

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## DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION

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

### Programmes Offered

S. No.	Programmes	Intake	Duration
1.	B.A. - Journalism and Mass Communication	60	03 years
2.	M.A - Journalism and Mass Communication	25	02 years
3.	Ph.D. in Journalism & Mass Communication	As per availability of slots	

### Research Areas

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

### Faculty Members

Name	Designation	Experience	Specialisation
Dr. Ranbir Singh	Associate Professor and Head of Department	19 Years	Mass Communication, Development Communication and Public Relation
Dr. Ekta Mahajan	Assistant Professor	15 Years	Print Media and Advertising

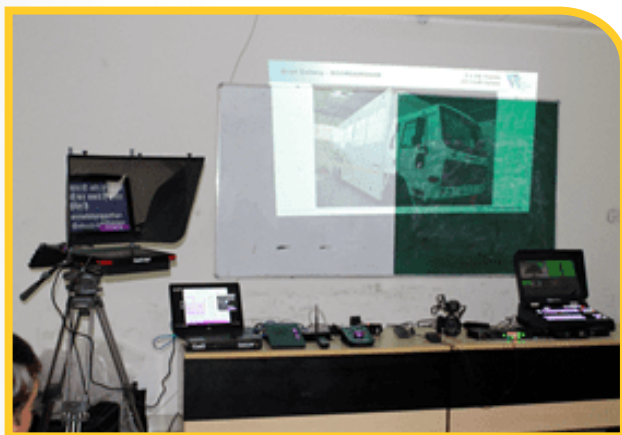
### Research Publications/Patents/Projects/Research Guidance

- Paper Presentations in National Conferences: 7
- Research Publications in National Journals : 40
- Paper Presentations in International Conferences: 3
- Research Publications in International Journals : 20
- Books/Book Chapters Published: 11
- Research Scholars Guided (MPhil): 55
- Research Scholars Guiding (PhD): 14
- Research Scholars Guided (PhD): 02

## Some Major Placements

Student Name	Company
Arush Bhalla	BBC Facilitator National Health of Mission Punjab
Pretty	Zee TV Canada, News Anchor & Host to Vancouver
SaruchiBala	DainikSavera 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
NavroopMuthi Singh	Press Reporter in Daily NawaZamana
Robin Jindal	Public Relation Officer, Central University, Bathinda
Priyanka Jain	St. Soldier Collage, Jalandhar
Kailash	PR Executive Ludhiana
Parminder Kaur	Web Content Writer, Punjab Kesari
Suman	Web content Writer, Punjab Kesari
Monika	Web content Writer, Punjab Kesari
Baljit Kaur	ETV, Script Writer, Hyderabad
Jitainder Singh	Journalist and News Anchor TV Punjab
Prabhjot Kaur	Assistant Professor Kamlanehru Collage, Phagwara
Puneet	St. Soldier Collage, Jalandhar
Harsdeep Kaur	Assistant Professor, BBK D.A.V Amritsar
Diksha	Assistant Professor, KMV Jalandhar
Shiva A Raja	Assistant Professor, IKG PTU, Kapurthala
Geeta Verma	Assistant Professor, DAV University, Jalandhar
Manoj Kumar	Assistant Public Relation Officer, Aayush University, Kurukshetra, Haryana
Ishan	PRO THDC India LTD. Uttarakhand
Shipra	NDTV Sub Editor, New Delhi
Manoj Kumar	Content Writer, Jagbani, Jalandhar
Sanjeev Kumar	Dainik Jagran. Research Deptt. Jalandhar

## Department Laboratories



**Video Lab**



**News Editing Lab**



**Communication Lab**



**Students Working on Film Making Project**



**Students getting hands on experience on camera techniques**

## **Events Organised/Student Activities**



On the Occasion of National Press Day Guest lecture delivered by Renowned Zee News (Hindi) Senior Reporter Mr.Sandeep Oberoi.



Registrar Sh. Jaspreet Singh, IAS and Head of Journalism Department Dr. Ranbir Singh extending flora welcome to Baljit Balli, Editor-in-Chief Babushahi Network during expert Talk on 'Journalism History, Present, and Future in Punjab & Ethics of Journalism.



Educational visit to Radio MYFM, Jalandhar



Educational Visit to Dainik Bhaskar Printing Press, Jalandhar



Students participated in cultural dance during Republic Day celebrations at IKG PTU.



Educational Visit to Dainik Bhaskar Printing Press, Jalandhar



Students during the show 'Aajo Jinhekhedna' with renowned and versatile Anchor Karan, Zee Punjabi



**Faculty of Journalism and Mass Communication Department**

### **Contact for Admission**

**Dr. Ranbir Singh**

Associate Professor and Head

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## 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 them employable so that they become professionals with a difference to understand and meet the industrial and social expectations. Currently, the Department houses many disciplines such as 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 interest and social concerns.

### SRI GURU NANAK DEV JI CHAIR

The University has also established Sri Guru Nanak Dev Ji Chair in the Department of Humanities, Languages & Cultural Studies to commemorate the 550th Birth Anniversary of Guru Nanak Dev Ji. The primary objective of the chair is to carry out advanced research on the teachings and Hymns of Guru Nanak Dev Ji.

### PROGRAMME(S) OFFERED

Programme	Intake	Duration
PhD (Punjabi)	As per availability of slots	-----
PhD (English)	As per availability of slots	-----
Certificate course in French and German language	30 (in each)	60 Hours (Weekend Classes Only)

### RESEARCH AREAS

- Language & Literature
- Cultural Studies
- Gender Studies
- English Language Teaching

### FACULTY MEMBERS

Name	Designation	Experience	Specialisation
Dr. Sarabjit Singh	Assistant Professor	15 years	Modern Punjabi Poetry
Dr. Priyanka Mahajan	Assistant Professor	14 years	Fiction, Literary Theory & Criticism

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

- Paper Presentations in National Conferences: 36
- Research Publications in National Journals: 43
- Paper Presentations in International Conferences: 6
- Research Publications in International Journals: 12
- Books/Book Chapters Published: 7
- Patents: NA
- Projects Undertaken by Faculty: NA
- Research Scholars Guided: NA
- Research Scholars Guiding (PhD): 3
- Research Scholars Guided (PhD): 5

### Contact for Admission

#### Dr. Sarabjit Singh

Assistant Professor

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Email ID:- sarabjit@ptu.ac.in

Website: - <https://ptu.ac.in/humanities-languages-cultural-studies/about/>

## International Resource Centre for Universal Human Values and Ethics (IRC-UHVE)

IRC-UHVE is being developed to facilitate the humanization of education, globally. The center aspires to be a living model of a humane family making effort for right understanding, justice (right feeling) and prosperity, while contributing to right understanding & right feeling in every individual through human education.

Human education would facilitate the development of

definite human conduct or self-discipline; the learner would develop the vision, commitment, competence and practice to make efforts for a humane society.

So IRC-UHVE aspires to develop people with definite human conduct with a vision for a humane society, with skills & practice to participate as change agents in the current environment.

## ACHIEVEMENTS:

- 1. Online FDPs on Universal Human Values:** In collaboration with AICTE; developed a systematic training Module on Universal Human Values for conducting large scale teacher training Programmes.
- 2. The Foundation Course in Human Values and Professional Ethics** has been introduced and is consistently running as an essential credit course for all students at IKG-PTU constituent and affiliated colleges since 2011. Now, this course is a part of Model Curriculum recommended by AICTE for all the 10,000 colleges approved by AICTE.
- 3. Faculty Development Programmes:** through the efforts of this centre, more than 5000 teachers, across North-west region, has undergone a faculty development Programmes on Universal Human Values.
- 4. Preparation of Resource Persons:** Consistent efforts are going on for the preparation of Resource Persons. Currently, 5 Resource Persons are there who can share Universal Human Values through Faculty Development Programmes and about 10 resource persons are in the making.
- 5. International Conference:** IKG-PTU has been jointly organizing ICHVHE, an **international conference on universal human values in higher education**, since 2011. This has directly resulted in universities from SAARC nations getting familiarized with this topic and approach. In particular, the Royal University of Bhutan introduced universal human values in the 2012. In 2014, three universities of Pakistan have started planning for universal human values and the responsibility of their teacher training is being taken by the IRC-UHVE.
- 6. Study material translated in Punjabi language.** The text-book, teacher's manual and other material has been translated into Punjabi in 2012. The idea is to make this course so simple and comprehensible so that students from any background may be able to grasp it effectively.

## EXPERTS & MENTORS

Name	Designation	Specialisation
Prof. Ganesh Prasad Bagaria	Prof. of Electronics and Communication Engineering (Retd.) & Coordinator, Value Education Cell, AKTU, Lucknow	Value Education (Universal Human Values)
Sh. Rajul Asthana	Former Vice President, Satyam Computers Learning Centre & Ex. Director- IRC-UHVE, IKG PTU Kapurthala	Value Education (Universal Human Values), Natural Farming, Corporate Learning

## FACULTY (VOLUNTEER) COMMITTED FOR CONTRIBUTION

1. Prof. Raminder Singh Uppal, Head-ECE, BBSBEC, Fatehgarh Sahib
2. Dr. Manisha Gupta, Director, PIMT, Punjab
3. Dr. Priyadarshni, HoD, LCET, Ludhiana
4. Sh. Ajay Kumar Pal, LRDAV, Jagraon, Ludhiana
5. Sh. Jitender Narula, IKGPTU
6. Sh. Vinay Kehar, IKGTPU
7. Dr. Kumar Sambhav, IIT Kanpur
8. Dr. Shyam Kumar, IIT Kanpur
9. Sh. Bhanu Partap, Head, Value Education Cell, AKTU
10. Dr. Veena Bansal, IIT Kanpur
11. Sh. Gopal Babu, Convener, Value Education Cell, AKGEC, Ghaziabad

## PROGRAMME & ACTIVITIES

### IRC-UHVE runs or coordinates specific programs in universal human values:

- |   |  |
|---|--|
| <ol style="list-style-type: none"><li>1. Plan &amp; Conduct Student Induction Programmes:<ol style="list-style-type: none"><li>1.1. IKGPTU Main &amp; Constituent Campus(es)</li><li>1.2. Facilitate affiliated colleges of IKGPTU to conduct the Student Induction Programmes</li><li>1.3. Facilitate AICTE approved colleges of the North-west region to conduct the Student Induction Programmes effectively.</li></ol></li><li>2. Faculty Development Programmes<ol style="list-style-type: none"><li>2.1. Plan &amp; Conduct Faculty Development Programmes for IKGPTU affiliated colleges, and colleges of North West region approved by AICTE.</li><li>2.2. Academic Leadership Programmes for Directors/ Principals &amp; Deans of colleges falling in North West Region.</li></ol></li><li>3. Coordinating the implementation of a Foundation Course in Universal Human Values at IKGPTU and the North-west region of AICTE.</li></ol> | <ol style="list-style-type: none"><li>4. Developing Nodal Centers of Universal Human Values at colleges affiliated with IKGPTU.</li><li>5. Certificate/ PG Diploma in Universal Human Values &amp; Ethics (PGD-UHVE) for preparation of competent teachers &amp; Resource Persons to further prepare the next generation of teachers in technical or higher education. The centre has been running PG diploma for 3 years consecutively with encouraging results. The students for this course have come from varied backgrounds viz. from academics, corporate, NGOs, to business person etc. At the end of the course, all of them gained the clarity and confidence to live a meaningful and fulfilling life.</li></ol> |
|---|--|

This certificate/ diploma course is to be delivered through a blended mode - online & personal contact Programmes (PCP). The teachers/ students aspiring for this course must have deep inclination and be committed to invest oneself for self-development. Process to start is course is underway.

## CONTACT INFORMATION

**International Resource Centre for Universal Human Values & Ethics (IRC-UHVE), IKG Punjab Technical University, Kapurthala (Punjab) 144601**

**Chairperson:** Sh. Rahul Bhandari (IAS), Vice Chancellor, ([vc@ptu.ac.in](mailto:vc@ptu.ac.in))

**Assistant Registrar:** Sh. Jitender Narula, [mail.narula@gmail.com](mailto:mail.narula@gmail.com), +919478098082

**Assistant Registrar:** Sh. Vinay Kehar, [vinaykehar@ptu.ac.in](mailto:vinaykehar@ptu.ac.in), +91 9478098083

## OUR TRAINING & PLACEMENT CELL

To actively reach out to the corporate world for facilitating the best placements for IKG PTU students, University has a Corporate Relations & Alumni department. The main endeavour of CR&A Cell, IKG PTU is to get students placed in reputed multinationals, government organizations, NGO's and the private sector. All students registered with CR&A Cell are provided placement assistance, counselling for employment and Self/Social Entrepreneurship. The CR&A Cell assures logistic support to the visiting

### JOINT CAMPUS TRAINING & PLACEMENT DRIVES

In the year 2021-22, students from IKG PTU got placed in various MNCs and Public Sector undertakings. The highest package of 8.46 LPA was offered by Jaro Education Pvt. Ltd. followed by 7.00 LPA and 5.00 LPA by TCS and Pentair respectively. IKG PTU students were placed in companies like Accenture, Cognizant, Nagarro,

companies at every stage of the placement process by making university infrastructure available to them. The CR&A Cell acts as an interface between the industry and the students, and primarily enables the students to select their career options. The CR&A Cell also conducts career related seminars and workshops to enable the students to become successful professionals.

Capgemini, Infosys Ltd., Wipro Technologies Pvt. Ltd., HCL Technologies, Tech Mahindra, Congruex Asia Pacific, IDS Infotech Ltd., Capital Via, Tommy Hilfiger, MWIDM India Pvt. Ltd., SBI Life Insurance, Life Style Foods Pvt. Ltd., Mohan Foods Ltd., Food Coast International, BSF, Indian Army, Aayukart Pvt. Ltd., and Gastro Lab Pvt. Ltd. etc.

## HR TALKS

CR&A cell organises talks and mentorship sessions for the students throughout the academic session. The aim of these sessions is to connect students with organizations and industry and enable them to gain a perspective on various career avenues so that they are able to make informed career decisions. These sessions have helped students to understand company needs and enable them to identify career options that match their strengths and interests.

## ENTREPRENEURSHIP ACTIVITIES

University organized various Programmes to promote innovation, entrepreneurship and culture of Startups in the Campus. University organized EntrepreneurshipWeek- 2021 which was inaugurated by Mr. Ramesh Kumar, IAS, Hon'ble Vice Chancellor IKGPTU & Principal Secretary (Technical Education & Industrial Training), Govt. of Punjab along with Mr. Jaspreet Singh, IAS, Registrar & ADC (D) Jalandhar, Er. Navdeepak Sandhu, President IIC & E-cell Faculty Coordinators of various departments. This event was jointly organized by IIC under MHRD's Innovation Cell & E-Cell IKG PTU. Entrepreneurial Talks & competitions were organized during this week. Mr. Harit Mohan, Founder & CEO, Signicent LLP & Mr. Akshit Goyal, an Alumnus of IKG PTU & Owner of Shagun Group were the invited speakers. Further, Rs. 500 Venture, an entrepreneurship competition was organized during Entrepreneurship Week - 2021.

## IKGPTU INDUSTRY ACADEMIA COLLABORATION:

To share start-up ideas with professional education students and encourage them for start-ups is the need of the hour. The I.K. Gujral Punjab Technical University (IKGPTU) considers this a top priority. The University provides start-up ideas to its students from time to time by meeting & organizing events jointly with The Indus Entrepreneurs (TiE). University has signed a collaborative agreement with TiE Chandigarh to promote Startups in the University ecosystem. Under this agreement TAP Business Plan Competition 2021-22 jointly organized by IKGPTU and The Indus Entrepreneurs (TiE) Chandigarh where entries were called from all University Campuses and affiliated colleges. Under this collaboration, TiE members will visit University campuses & affiliated colleges for Entrepreneurship Awareness Camps. TiE will also organize Internship Drives & Placement Drives twice in a year exclusively for IKGPTU students. Entrepreneurship Awareness Camps (EACs) were organized at university campuses and affiliated colleges and shared their entrepreneurial journey with the students.

## MEMORANDUM OF UNDERSTANDING (MoU)

IKG PTU Amritsar Campus signed an MoU with Amritsar Founders; both the organizations will work together to promote entrepreneurial culture in the IKG PTU ecosystem. 22 Startups/ Industries are part of Amritsar Founders. They will also hire IKG PTU students for stipend-based internships & employment in the field of IT, Civil, Tourism & Management. Students will be given Industrial projects as a part of the curriculum. Also, Industrial visits & Expert talks will be organized. Members of Amritsar Founders will also contribute to developing the course curriculum.

## IKG PTU & HUAWEI MoU

I K Gujral Punjab Technical University and Huawei Telecommunications (India) Co. Pvt. Ltd., a company incorporated and existing under the laws of India. IKG PTU is always keen to develop strong industry-academia, hence this MoU connects IKG PTU with Huawei at its campus. Under this collaboration, Huawei ICT Academy will be set up at university main campus. The student will be offered Huawei certified internship and placement opportunities

## IKG PTU & NIELIT MoU

The National Institute of Electronics & Information Technology is an autonomous scientific society under the administrative control of the Ministry of Electronics and Information Technology of the Government of India.

Aim of the MoU:- The objective of this MoU is Employability Enhancement of the students covered under the Programmes and to set forth the modus operandi to provide Training in the field of IECT and all related areas by NIELIT to the students of IKG PTU campuses & affiliated colleges/institutes under the following categories:

- Semester /Industrial Training Programmes of 5-6 months' duration
- Summer Training Programmes of 6-8 weeks'

## IKG PTU & INFOSYS MoU

MoU between Infosys Campus Connect & IKG PTU was signed. Infosys Ltd. participated in Board of Studies (BOS) meetings which were held at IKG PTU to upgrade syllabus according to the current industry trends and some Infosys courses like Building Enterprise Application and Agile Software Development were included in the course curriculum by the university as elective subjects. The said courses were rolled out in the IT stream for colleges affiliated to the University. Faculty Enablement Programmes were also organized by Infosys in which faculty from university campuses & affiliated colleges participated

## IKG PTU & Friends Union for Energizing Lives (FUEL) MoU

IKG PTU & Friends Union for Energizing Lives (FUEL) MoU

MoU with FUEL Friends Union for Energizing Lives (FUEL) is a credible non-profit organization which provides Career Guidance and Skilling to the students throughout India. FUEL will train students of IKG PTU Campuses & affiliated colleges on the areas including Artificial Intelligence, Digital Marketing and Aptitude. FUEL has already partnered with Niti Aayog & AICTE.

## CAREER COUNCELLING SESSION

Session on Preparation for Civil Services was organized at IKGPTU main campus. Mr. Jaspreet Singh, IAS, ADC (D) Jalandhar interacted with the students & gave them important tips.

Also test is scheduled for the students of University main campus on Dec 06, 2021 to select the batch of 30 students. These students will be mentored by Mr. Jaspreet Singh.

Interested students can contact T&P Faculty Coordinators of their respective departments to register for the test.

## SALIENT RECRUITMENTS



Harjot Singh  
BTech CSE  
Offer: TCS, Accenture



Anmol Thakur  
BTech CSE Offer:  
TCS



Aryant Pratap  
Singh  
BTech CSE  
Offer: TCS,  
Accenture



Lakshay Angrish  
BTech CSE  
Offer: TCS, Peritus.ai



Vikrant Sharma  
BTech CSE  
Offer: TCS, Cognizant



Prince Pritam  
BTech CSE  
Offer: TCS



Kushagra  
Mittal  
BTech CSE  
Offer: TCS



Dheeraj Sengar  
BTech CSE  
Offer: TCS



Vasu Kaushik  
BTech CSE  
Offer: TCS



Mukesh Kumar  
BTech CSE  
Offer: TCS



Robin Kumar  
BTech CSE  
Offer: TCS, Accenture



Achintya Shrotriya  
BTech ECE  
Offer: TCS, Accenture



Himanshu Sharma  
BTech CSE  
Offer: TCS



Aditya Sharma  
BTech CSE  
Offer: Cognizant,  
Accenture, Capgemini



Mehul Kansal  
BTech CSE  
Offer: Accenture,  
Cognizant



Surbhi Kumari  
BTech CSE  
Offer: Cognizant



Ankur Raj Singh  
BTech CSE  
Offer: Capgemini



Divyanshu Singh  
BTech CSE  
Offer: TCS, Accenture



Raghav Shethi  
BTech CSE  
Offer: Accenture,  
Infosys



Shivam  
BTech ME  
Offer: Accenture,  
Infosys



Drishti Gupta  
MSc Food Tech.  
Offer: MWIDM



Arshita Sharma  
BTech CSE  
Offer: Accenture, IDS,  
Jaro Education,  
Wipro, Infosys



Amesha Sachdeva  
BTech CSE  
Offer: Accenture,  
Jaro Education



Vishal Kumar  
BTech CSE  
Offer: Congruex



Manjinder Singh  
BTech CSE  
Offer: TCS, HCL



Khamesh Sharma  
BTech EE  
Offer: TCS



Vaibhav Shakya  
BTech CSE  
Offer: TCS



Vikas Nigam  
BTech CSE Offer: TCS



Vani Jaychandran  
MSc Food Tech.  
Offer: Ayukart pvtltd.



Dheeraj Sharma  
BTech CSE  
Offer: Gobolt



Dheeraj Sharma  
BTech CSE  
Offer: Gobolt



Simranjit Kaur  
BTech CSE Offer: TCS



Sanamdeep Singh  
BTech CSE  
Offer: Pentair, Capgemini



Anmol Dhillon  
MTech Food Tech.  
Offer: MWIDM



Bhavneet Kaur  
MSC. Food Tech.  
Offer: Jaro Education

## PROMINENT SPEAKERS



Mr. S.K. Arora  
Co-Founder,  
Appsmartz



Ms. Ritika Singh  
Founder,  
Kontent Factory



Mr. Hitesh Kumar  
Founder, Business  
Consulting Diversityance



Mr. Harshvir Jaswal  
Managing Director,  
Drish Tech Pvt. Ltd.



Mr. Amulya Shukla  
Founder & Chief Consultant,  
Sambhav Consulting



Ms. Prerna Kalra  
Founder,  
Open Hand Solutions



Mr. B M Sharma  
Addl. Managing Director, Markfed



Ms. Kanika Rajdev  
Co-Founder, Digvijay  
Rejdev Architects



Mr. Parampreet Kalra  
Co-Founder,  
Starhub Nation



Mr. Sandeep Gandotra  
MD & Founder, Five Senses  
Brand Leadership Solutions



Mr. Harinder Pal Singh Lamba  
CEO Director, Cheers,  
Food & Beverage



Mr. Harit Mohan  
CEO, Signicent  
Information Solution LLP



Apoorv Salaria  
BTech CSE  
Placed: Cognizant



Mr. Rishabh Arora,  
Founder of Aptitude  
Baba



Rohit Mehra IRS,  
Additional Commissioner  
Income Tax, Amritsar



Mr. Simarpreet Singh  
Founder,  
Socksoho



Er. Navdeepak Sandhu  
Deputy Director (Corporate Relations  
& Alumni),  
IKG PTU



Mr. Rakesh Kalra  
Founder & CEO,  
Urban Pro



Mr. Jagnoor Singh  
Vice President,  
Region Head, OYO



Major. Mh. Ali Shah  
TedX Speaker, Indian Actor



Vikram Vij  
Talent Acquisition, Infosys



Yash Tiwari  
International Youth Mentor, Author



Afsan Ashiq  
International Football Player



Group Capt. (Rtd.) Kamal Singh  
Professional Skydiver



Arush Mahajan  
Co-Founder Branding Elves and  
viaENS  
Director Management - YAYAVAR



Mr. Jatin Srivastava,  
Founder, Rock Grow



Mr. Maneesh Yadav  
Chairman,  
Quik Realtions



Ms. Ritu Singal  
Life Transformation Coach



Mr. Vikram Goel  
Founder & Director,  
Incredibles Device Pvt. Ltd.



Ms. Navneet Momi  
Founder & Managing  
Partner, Intellect Juris  
Law Offices



Mr. H S Cheema  
Founder, Cheema  
Boilers Ltd.

## OUR PLACEMENT TEAM



### Er. Navdeepak Sandhu

Deputy Director

(Corporate Relations & Alumni), IKG PTU

Ph No. 9478098040

Email: navdeepak.sandhu@ptu.ac.in



### Mr. Mrigender Singh Bedi

Assistant Director

(Corporate Relations & Alumni), IKG PTU

Ph No. 9478098076

Email: msbedi@ptu.ac.in

## FACULTY COORDINATORS

- Dr. Gazal Sharma  
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Email: gazalsharma@ptu.ac.in
- Ar. Md. Fuzail Jawaid  
Civil Engineering Deptt.  
Email: mfjawaid@ptu.ac.in
- Dr. Anshu Bhasin  
Computer Science & Engineering  
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- Dr. Amit Gupta  
Electronics Communication  
Engineering Deptt.  
Email: dr.amitgupta@ptu.ac.in

### **“Knowledge Resource Centre, IKGPTU”**

The Knowledge Resource Centre of I.K. Gujral Punjab Technical University is situated in independent building. The two storied building is fully interconnected with area 5514.779 square meter, centrally air conditioned, with a seating capacity of more than 1000 readers at a time. The whole building is fully Wi-Fi enabled for the internet access facility. The building is fully fire proof and equipped with fire extinguishers, fire alarms. The building is well connected and easily approachable from all the departments of the university. The Knowledge Resource Centre is equipped with many modern electronics amenities also. At present the Knowledge Resource Centre caters to the need of the large number users. The total number of users are 3906 (Research Supervisor 400, Research Scholar 950, IKGPTU Officers/ faculty/Staff 466, IKGPTU Campus Students 2090). The Knowledge Resource Centre has a good collection of more than 22,000+ books including Govt. publications, statistical reports, conference proceedings, reference books, text books, scriptures, distance education study materials, fiction and non-fiction books and ebooks. The Knowledge Resource Centre has more than 14,000+ (PhD/ M Tech research thesis) which provide a vital source of information to the research community. The Knowledge Resource Centre is equipped with large number of computers for access of e-resources and digital content. In its digital collection the Knowledge Resource Centre has nearly 50,000+ digital resources including e Journals, research thesis, utility software's, study materials, reference works, e-books, images, infotainment materials etc. The Knowledge Resource Centre has also stored back volumes of important periodicals.

#### **Salient Features:-**

- ❖ Number of books available: 22,000+
  - ❖ Number of Thesis (M.Tech/ PhD) available: 14,000+
  - ❖ Number of e Books: 1517
  - ❖ Number of e-database/ e Journals available: 50,000 +
  - ❖ Number of Magazines available: 17
  - ❖ Number of Print Journals available: 115
1. **e-Resources:-** IKGPTU had subscribed large no. of e-resources including databases e.-Journals, e-books, conference proceedings, case studies etc. The detail of e-Resources subscribed in past is available at IKGPTU website also.
  2. **Automation:** The Knowledge Resource Centre's all operations are fully automated. The latest version of the most advanced software (Web Centric Software LSEase EJB version) is being used.
  3. **RFID System:** - The Knowledge Resource Centre has enhanced the security features and is using the Radio-frequency Identification System LSMART. This RFID technology has improved circulation and inventory control, best tracking for misplaced books and security/issues.

4. **Web OPAC:** The Knowledge Resource Centre is using LIBSYS OPAC facility and users search a library catalog principally to locate books and other material available at a library.
5. **Library Membership Card:** The Knowledge Resource Centre, IKGPTU has also issued the membership cards to all its IKGPTU Students/ faculty/ staff members. The membership cards are very useful for borrowing books and journals, access online databases etc.
6. **National Digital Library:** - The Knowledge Resource Centre also has the complimentary access to National Digital Library. The National Digital Library is designed to support academic research at all levels and subject areas by providing millions of eBooks, Audio Books, Children Books, Encyclopedia and journal articles etc.
7. **CCTV Camera:** To enhance security and surveillance process for CCTV cameras has already been installed in Knowledge Resource Centre, IKGPTU.
8. **Wi Fi Connectivity:** The whole building is fully wi fi enabled for the internet access facility.
9. **24 hour Air conditioned Reading Hall:** For the convenience of IKGPTU students a 24 hour air conditioned reading hall is inaugurated by Worthy Vice Chancellor, IKGPTU.
10. **Delnet:** The Knowledge Resource Centre was also a member of DELNET which provides free access to a number of e-journals, e-books, electronic databases and research publications.

**List of e Resources available at IKGPTU, Knowledge Resource Centre:-**

1.	<b>Science Direct (Elsevier) 11 Subject Collection. (1490)</b> 1. Biochemistry, Genetics and Molecular Biology (259) 2. Business, Management and Accounting (100) 3. Chemical Engineering (106) 4. Chemistry (113) 5. Computer Science (138) 6. Economics, Econometrics and Finance (106). 7. Engineering (226). 8. Materials Science (143). 9. Mathematics (100). 10. Pharmacology, Toxicology and Pharmaceuticals (86). 11. Physics and Astronomy (113).
2.	<b>Emerald Management: eSS Collection. (313)</b> 1. Accounting, Finance & Economics e Journal Collection (41). 2. Business, Management and Strategy e Journal Collection (56). 3. HR, Learning & Organization Studies e Journal Collection (26). 4. Information & Knowledge Management e Journal Collection (12). 5. Marketing e Journal Collection (24). 6. Operations, Logistics & Quality e Journal Collection (16). 7. Property Management & Built Environment e Journal Collection (19). 8. Public Policy & Environmental Management e Journal Collection (13). 9. Tourism and Hospitality e Journal Collection (8). 10. Education e Journal Collection (23). 11. Engineering e Journal Collection (26). 12. Health & Social Care e Journal Collection (32). 13. Library Studies e Journal Collection (17)
3.	<b>IEEE (IEL Growth Plan) (36,503)</b> Journal: 511 Conference: 5186

	Proceeding: 26712 Standards: 4094
4.	<b>Royal Society of Chemistry :-</b> Journals: 53
5.	<b>Springer Nature (1728)</b> 1. Behavioural Science and Psychology (44) 2. Biomedical and Life Sciences (317) 3. Business and Management (52) 4. Chemistry and Materials Science (154) 5. Computer Science (93) 6. Earth and Environmental Science (138) 7. Economics and Finance (66) 8. Education (92)                      9. Engineering (136) 10. History (02)                      11. Law and Criminology (18) 12. Literature, Cultural and Media Studies (04) 13. Mathematics and Statistics (169) 14. Medicine (257)                      15. Physics and Astronomy (110) 16. Political Science and International Studies (06) 17. Religion and Philosophy (01) 18. Science (multidisciplinary) 01 19 Social Sciences (68).
6.	<b>Taylor &amp; Francis. (1076)</b> 1. Allied & Public Health (12) 2. Anthropology, Archaeology and Heritage (13) 3. Arts & Humanities (110) 4. Biological, Earth & Environmental Food Science (98) 5. Business Management & Economics (50) 6. Chemistry (42)                      7. Criminology & Law (32) 8. Education (140)                      9. Engineering Computing & Technology (104) 10. General Medicine & Dentistry (03) 11. Geography, Planning, Urban & Environment (49) 12. Library & Information Science (14) 13. Mathematics & Statistics (32) 14. Media, Cultural & Communication Studies (63) 15. Mental & Social Care (42) 16. Physics (19) 17. Politics, International Relations & Area Studies (110) 18. Psychology (56)                      19. Sociology & Related Disciplines (32) 20. Sport, Leisure & Tourism (20) 21. Strategic Defense & Security Studies (30)
7.	<b>EBSCO: Business Source Ultimate</b> Journal: 3507
8.	<b>American Society of Civil Engineering (ASCE)</b> Journals: 37
9	<b>BIS Standards:</b> Complete set of standards issued by BIS.
10.	<b>Project Muse (Premium Collection)</b> Journals: More than 650 Journals.
11.	<b>JSTOR India Collection:</b> Journals: More than 2500 Journals.

## DEPARTMENT OF YOUTH & CULTURAL

The Department of Youth Affairs being an important part of the University, working for the overall development of the students with an objective of nurturing the young minds and for their balanced growth and development, the Department of Youth Affairs organizes several activities every year to encourage the young students to come forward and prove themselves by participating in various cultural activities. In the same way, the activities encourage the department to provide them more and more opportunities for their overall development.

### Webinar on Guru Teg Bahadur's Bani and Martyrdom



Department organizes Youth Leadership Training Camps, Teachers Training Camps, Selections & Training Camps of Music, Dance, Theatre, Fine Arts and Literary items for Participation in Various Youth Festivals, Zonal Youth Festivals, Inter-Zonal Youth Festival and participated in North Zone Inter-University Youth Festival, National Youth Festival, South Asian Inter-University Youth Festival. University teams secured various positions in the Youth Festival organised by AIU, Punjab Government's Youth welfare department & GOI.

### Webinar on Stress Management During Pandemic



## AAGMAN (TALENT HUNT) 18 NOV 2021



## REPUBLIC DAY (JANUARY 26, 2022)



## 1. NCC TRAINING CAMP

A 10-day NCC combined annual training Camp (CATC-42) was organized by 21 Punjab BN NCC Kapurthala at I.K. Gujral Punjab Technical University. As many as 200 Cadets from various schools and colleges participated in the camp. Cadets were trained in drill and rifle shooting. They were also given exposure to cultural activities as well as in Sports. Our commanding officer Col. Vishal Opal gave a powerful speech that motivated the cadets. The Aim and Objectives of NCC were cleared and also, he briefed us about the schedule and details of the camps.



## 2. NSS ACTIVITIES

NSS wing of I.K. Gujral Punjab Technical University is working on the various areas of overall development, be it rural development or raising awareness on issues of environment, cleanliness, health issues, drug de-addiction, road safety, personality development and so on. The NSS wing manages the NSS activities under the guidance of the NSS advisory council of the university. Hon'ble Vice-Chancellor is the Chairman of the advisory council and presides over all the meetings of the council with a combined strength of 7400 dedicated NSS volunteers, the NSS wing of IKGPTU.

I.K. Gujral Punjab Technical University is one of the largest Programmes in the country and also one of the most decorated ones. These 74 units are working in the areas where activities like seminars, workshops, field visits and surveys are carried out the whole of the year. Our 74 units

have adopted 80 villages/slums to serve the community according to the need hours.

In every session, the NSS wing organizes and hosts NSS activities in different colleges and University Constituent Campuses affiliated with this University. In the previous year, NSS organised various activities as follows.

**1. National Girl Child Day:** The I.K. Gujral Punjab Technical University, Kapurthala celebrate this special day online (due to Covid-19) to motivate the Girl Child. On this day, Dr Neelkanth Grover (Dean, Student Welfare), Dr Chander Parkash (Assistant Professor) and Er. Vinay Kehar (Incharge of NSS & NCC) were the keynote speaker on this important day. 20 Girls participated in this competition individually in various events like Speech, Poem recitation, Dance, Songs and Drawing competitions.



**2. World Wetlands Day:** I.K. Gujral Punjab Technical University organised a webinar to generate awareness about the importance as well as functions and values of Wetland Day. About 358 participants including Students, Teachers, Researchers and members of the Civil Society representing 13 Teaching & Research Institutions along with NGOs participated in the webinar organised on 2nd Feb 2022. Dr Chander Parkash, a Wetland Scientist from the Department of Chemical Sciences, delivered a presentation on this year's theme and apprised the students and volunteers about the status of Wetlands in Punjab and at the National Level.



**3. Martyr's Day of Sardar Bhagat Singh, Sh. Shivaram Rajguru and Sh. Sukhdev Thapar:** To mark the occasion of World Wetlands Day, the NSS Wing Every year on 23rd March is observed and celebrated as "Shaheedi Diwas" with great passion and unity across India. Martyr's Day of Sardar Bhagat Singh was organized by the NSS Unit of I.K. Gujral Punjab Technical University, Kapurthala on 23rd March 2022, in remembrance of the three

revolutionaries of India who were hanged to death by the British namely Bhagat Singh, Shivaram Rajguru and Sukhdev Thapar. Dr Satvir Singh (Dean, Student Welfare) was the Chief Guest and a floral tribute was given by all the students to these three heroes. A play was organized by NSS Volunteers on the life history of these three heroes.



**4. One-day Camp on Disaster Management at IKGPTU:** NSS wing of I.K. Gujral Punjab Technical University organized a One Day Camp on National Disaster Management for its NSS Volunteers dated 25th March 2022 in its Main Campus at Kapurthala. Dr Satvir Singh (Dean, Student Welfare) was the Chief Guest and a team of six members from NDRF had visited for the training of NSS Volunteers. More than 250 students participated in this camp. In this camp, volunteers learned the ways to protect the people in the time of the earthquake, how to use the fire extinguisher, how to give first aid in emergency times and how to save the life of people during floods time etc. All the students participated practically during camp and learned so many ways to protect the life of needed people.



## SPORTS ACTIVITIES

The Sports Department in the University has been established to promote the spirit of Sports participation amongst the students of own Campuses and its Affiliated Colleges. The Department annually organizes the various activities under the guidance of the Sports Council of the University. This is the result of untiring efforts of

University and its affiliated colleges that number of participants in National Level Sports events from IKGPTU have increased manifold.

Every year conducts following 16 Inter-College tournaments (Men & Women) in different games:

- Swimming (Men & Women)
- Chess (Men & Women)
- Badminton (Men & Women)
- Table-Tennis (Men & Women)
- Cross Country (Men & Women)
- Football (M)
- National Style Kabaddi (M)
- Basketball (Men & Women)
- Cycling (Men & Women)
- Hockey (Men & Women)
- Power Lifting, Weight Lifting & Best Physique (M)
- Cricket (Men & Women)
- Lawn-Tennis (Men & Women)
- Volleyball (Men & Women)
- Handball (Men & Women)
- Athletics (Men & Women)

University is planning to establish a Centre of Excellence for Sports at its main campus through which availability of State-of-the-art Sports infrastructure shall be ensured. I would like to share some of the recent steps taken by University for the promotion of Sports:

### Sports Facilities Available in Main Campus, IKGPTU

- |                                  |             |
|----------------------------------|-------------|
| • Basketball Synthetic Court     | - 02 Courts |
| • Basketball Court (Normal)      | - 01 Court  |
| • Badminton Synthetic Court      | - 02 Courts |
| • Badminton Court (Normal)       | - 01 Court  |
| • Volleyball Court               | - 02 Courts |
| • Kabaddi                        | - 01 Ground |
| • Lawn-Tennis Synthetic Court    | - 02 Courts |
| • Football/Hockey/Cricket Ground | - 01 Ground |
| • Athletic Track (Normal)        | - 01 Track  |
| • Open Gym                       | - 02 Gyms   |

### Availability of Indoor Games:

- |                               |   |
|-------------------------------|---|
| • Gym with latest equipments. | • Chess   |
| • Table-Tennis                | • Power Lifting, Weight Lifting & Best Physique (M) |
| • Carrom Board                |   |

### Construction is under process:

- Multipurpose Sports Complex
- World-class indoor stadium
- Indoor Swimming pool
- Tennis Court

## ACHIEVEMENTS

Harshveer Singh Sekhon won the Silver Medal in All India Inter Varsity Cycling Track (Men) Championship held at Punjabi University, Patiala on dated 06-09 December, 2021.



Abhay Mishra won the Bronze medal in All India Inter Varsity Yoga (Men) Championship held at KIIT, Bhubaneswar (Odisha) on dated 25-28 December, 2021.



## SPORTS INFRASTRUCTURE

- Latest equipments of Gym.
- IAAF Certified 90 Adjustable Hurdle (Nelco).
- IAAF Certified Athletic Sports Equipments (Javelin, Hammer Throw, Discus Throw, Shot Put, Starting Block, Cross Bar for High Jump, Shotput Circle, Stop Board, Relay etc.).
- Latest sports equipments of Cricket, Basketball, Volleyball, Football, Lawn Tennis, Table Tennis, Badminton, Carrom Board, Chess.



## HOSTEL ACCOMMODATION

On-campus ambient student housing is must to create a welcoming and secure living environment. We believe that a comfortable stay fosters student learning and overall development. The University accommodation to students in the form of boys' and girls' hostels within the campus that are at a walking distance from the academic wing. Presently the University is running three boys' hostels and two girls' hostels with single, double and

quadruple occupancy. The hostels have well-furnished and well-equipped guest rooms for visitors. These can be booked in advance on prior permission of the hostel warden.

Mess of the girls' hostel is run by a contractor while that of boys' hostel is a cooperative mess run by the student committee. The rules and diet plan for mess are available in the hostel office for referral.

## SALIENT FEATURES:

- Well-ventilated rooms
- Common room with TV for varied and uninterrupted transmission, newspaper and periodicals
- Indoor and outdoor games in vicinity of hostel include basketball ground, volleyball ground, lawn tennis court, badminton court, open gymnasium, table tennis, running track and many more...
- Hygienic and clean kitchen attached with mess of hostels to provide nutritious food to the occupants of hostel with a pre-decided menu designed by the mess committee in consultation with the warden of the hostel.
- Electric and solar water heater for winter season is installed.
- Hostels are surrounded by green and beautiful lawns.
- All the resident students are abiding by the rules of hostel issued from time to time by the authorities.
- Two-wheeler parking is available on payment basis in the hostel premises for UG residents, whereas four-wheelers are only allowed on prior permission of hostel warden on payment basis.
- Complaint registers are maintained in the office of the hostel with hostel staff for filling routine complaints.



## RAGGING: PROHIBITION, PREVENTION AND PUNISHMENT

### Forms of Ragging:

Display of noisy, disorderly conduct, teasing, rough or rude treatment or handling, Including rowdy, undisciplined activities which cause or are likely to cause annoyance, undue hardship, physical or psychological harm or raise apprehensive fear among freshers or asking

any student to do any act without the student's approval or any other such act constitute ragging.

The University Grant Commission (UGC) vide its letter no F.1-16/2007 (CPP-II) dated June 17, 2009 has reiterated the ban on ragging of students in Institutes of higher learning.

**THE STUDENTS ARE THEREFORE DIRECTED TO DESIST FROM ANY KIND OF ACT WHICH MAY BE CONSIDERED AS RAGGING.**

- Anti-ragging committee can be accessed at [ptu.ac.in/student/anti-rag.aspx](http://ptu.ac.in/student/anti-rag.aspx).
- All India Council for Technical Education (AICTE) regulations to curb ragging can be accessed through its notifications no 37-3/Legal/AICTE/2009 dated March 25 2009. AICTE has taken a very serious view of ragging incidences in educational institutions and on directions of Hon'ble Supreme Court of India it is an unbailable offence.
- Each student (resident of non-resident) and their parents are required to submit undertaking in the prescribed format (Mandatory) at the time of admission.

Any undisciplined activity by student(s) like damaging hostel property, not obeying the rules of hostel, use of any electric appliance, use of alcohol (or substance) or unauthorized entry or stay or any other activity that may be treated as undisciplined act will lead to strict disciplinary action upto expulsion from the hostel.

The stay in the hostels is governed by the regulations issued from time to time by Government of India, Punjab Government and the university authorities.

Care takers and security guards are deployed in the hostels round the clock. The resident can contact the caretakers on duty for any complaint or issue. Hostel wardens/ Chief Warden/ Dean (Student Welfare) can be contacted via email on their official email ids.

## TRANSPORTATION FACILITIES AT MAIN CAMPUS, KAPURTHALA

A fleet of 07 buses is available for the convenience of students at Main Campus, Kapurthala. University bus routes for students are as under:

### Bus Routes

- |   |  |
|---|--|
| 1. Beas to University Campus                | 2. Jalandhar Cantt. to University Campus |
| 3. Kartarpur to University Campus           | 4. Kishanpura Chowk to University Campus |
| 5. Sansarpur/Paragpur to University Campus  | 6. Ladowali Road to University Campus    |
| 7. Bus Stand Jalandhar to University Campus |  |

### BUS ROUTE

### Monthly Charges

IKGPTU to Kapurthala Chowk, Jalandhar and Kapurthala City etc.	Rs.300.00
IKGPTU to Football Chowk, Nakodar Chowk, Cool Road, Bus Stand, Rama Mandi, Deol Nagar, TV Tower, Sh. Guru Ravidass Chowk, Mata Rani Chowk, 120FT Road, Babrik Chowk, Workshop Chowk, Patel Chowk, Maqsoodan Chowk, Kishanpura Chowk, Janta Colony, BidhipurFatak, Kartarpur, Subhanpur, etc.	Rs.450.00
IKGPTU to Beas, Sansarpur, Dhina, Khushropur, Jamsher, Lambra, Tajpur, etc.	Rs.600.00

## CAFETERIA

In order to provide healthy and affordable food to the students, University has a hygienic cafeteria on the campus, serving a vast variety of food items of diverse taste.

# IKGPTU'S CONSTITUENT CAMPUSES

A University is more than the sum of its individual Institutes. University's undergraduate programmes are offered through its four Constituent campuses. Each campus is distinctive in character, with the common denominator of a rich tradition of career-focused, technical education. Together these campuses offer our students an array of undergraduate, postgraduate Programmes and opportunities seldom found in other Universities.

- ★ *Hoshiarpur Campus*
- ★ *Amritsar Campus*
- ★ *Mohali Campus - I*
- ★ *Mohali Campus – II*



## PROGRAMS OFFERED AT IKGPTU CONSTITUENT CAMPUSES DURING ACADEMIC SESSION 2022-23

Campus Name	Department	Course	Intake for 2022 Admissions
Hoshiarpur Campus	Civil Engineering	B.Tech Civil Engg.	60
	Computer Science & Engineering	B.Tech (Computer Science & Engg.)*	120
	Mechanical Engineering	B.Tech (Mechanical Engineering)*	60
	Computer Applications	(Bachelor of Computer Applications)*	120
Amritsar Campus	Computer Science & Engineering	B.Tech (Computer Science & Engg.)*	120
		M.Tech (Computer Science & Engg.)*	18
	Mechanical Engineering	B.Tech (Mechanical Engineering)*	60
	Computer Applications	(Bachelor of Computer Applications)*	60
Mohali Campus - I	Computer Science & Engineering	B.Tech (Computer Science & Engg.)*	120
Mohali Campus - II	Architecture	B. Architecture	30
		M. Architecture Education & Research	20
	Civil Engineering	B. Tech (Civil Engineering)	60
	Planning	B. Planning	60
		M. Planning	18

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

## IKGPTU HOSHIARPUR CAMPUS



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

will make them familiar with the needs of the modern society and teach them the technical advancements in the field of Engineering and Technology, to make them succeed in the professional environment.

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

### Program Offered

S. No.	Programme	Intake	Duration
1	B.Tech Computer Science & Engineering	120	4 Years
2	B.Tech Mechanical Engineering	60	4 Years
3	B.Tech. Civil Engg.	60	4 Years
4	Bachelor of Computer Applications	120	3 Years

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



**Prof. (Dr.) Ashish Arora**

Director, IKGPTU Hoshiarpur Campus

dr.ashish10@hotmail.com

+91-9478098067

## DEPARTMENT OF MECHANICAL ENGINEERING

### PROGRAMME(S) OFFERED

Programme	Intake	Duration
B. Tech. ME	60	04 years

### RESEARCH AREAS

- Thermal Engg.
- Industrial Engg.
- Welding Technology
- Materials Engg.
- Design Engineering
- CAD/CAM
- Biofuels

### FACULTY MEMBERS/SUPPORT STAFF

Name	Designation	Experience	Specialisation
Dr. Sunil K Mahla	Asstt. Professor	20 Years	Thermal Engg, IC Engines & Biofuels
Dr. Amit Handa	Asstt. Professor*	18 Years	Machine Design
Er. Rajinder Kumar	Tech. Asst.	8yr	

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

- Paper Presentations in National Conferences: 03
- Paper Presentations in International Conferences: 03
- Books/Book Chapters Published: 30
- Projects Undertaken by Faculty: 02
- Research Scholars Guiding (PhD): 05
- Research Publications in National Journals: 24
- Research Publications in International Journals: 110
- Patents: 03
- Research Scholars Guided (PhD): 07

### PROJECTS UNDERTAKEN BY FACULTY (DR. SUNIL K. MAHLA)

Project Title/Details	Sanctioned Amount	Funding Agency	Principal/Co - Principal Investigator
Studies on Combustion, Performance and emission characteristics of diesel engine fuelled with Biodiesel and Biogas	19,20,000	SERB	Principal Investigator
Reforming of Biogas for Hydrogen Production & its utilization in CI Engine under dual fuel mode	38,95,000	MNRE	Co-Principal Investigator

## DEPARTMENT LABORATORIES



Fluid Mechanics Lab



Computer Aided Manufacturing Lab



Refrigeration and Air Conditioning Lab



Applied Thermodynamics lab



Mechanical Lab



Mechanical Lab

## Contact for Admission

**Dr. Sunil Kumar Mahla**

Assistant Professor

Mobile No: - 94658-84875

Email ID:- dr.sunilkumar@ptu.ac.in

Website: -<https://ptu.ac.in/hoshiarpur-campus/about/>

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### PROGRAMME(S) OFFERED

Programme	Intake	Duration
B.Tech. Computer Science & Engg.	120	04 years
BCA	120	03 years

### RESEARCH AREAS

- 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

### FACULTY MEMBERS

Name	Designation	Experience	Specialisation
Dr. Brijesh Bakariya	Asstt. Professor	13 Years	Data Mining, Machine Learning, Image Processing
Dr. Kulwinder Singh Parmar	Asstt. Professor	16 Years	Time Series, Mathematical Modelling, Soft Computing, Artificial Neural Networks, Wavelets, Statistics
Dr. Sonu Bala Garg	Asstt. Professor	21 Years	Control Systems & Data Mining
Er. Seema Rani	Tech. Asst.	05 Years	
Er. Umesh	Tech. Asst.	03 Years	

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

- Paper Presentations in National Conferences: 14
- Paper Presentations in International Conferences: 15
- Books/Book Chapters Published: 10
- Research Scholars Guiding (PhD): 05
- Research Publications in National Journals : 04
- Research Publications in International Journals : 37

### PROJECTS UNDERTAKEN BY FACULTY

Project Title/Details	Sanctioned Amount	Funding Agency	Principal/Co-Principal Investigator
Mathematical Modeling of the atmospheric air pollution over severely polluted coal mines region in India using time series, wavelet analysis, and soft computing techniques	6.60 Lacs	Science and Engineering Research Board (SERB), Ministry of Science and Technology, Govt of India, New Delhi.	Dr. Kulwinder Singh

## DEPARTMENT LABORATORIES



Networking Lab



Programming Lab



Auto CAD Lab



Computing Lab

## Contact for Admission

**Dr. Brijesh Bakariya**

Assistant Professor

Mobile No:- 9465884876

Email ID:- [dr.brijeshbakariya@ptu.ac.in](mailto:dr.brijeshbakariya@ptu.ac.in)

Website: -<https://ptu.ac.in/hoshiarpur-campus/about/>

## DEPARTMENT OF CIVIL ENGINEERING

### PROGRAMME(S) OFFERED

Programme	Intake	Duration
B.Tech Civil Engg	60	04 years

### RESEARCH AREAS

- Water & Waste Water
- Anaerobic Treatment
- Aerobic Treatment

### FACULTY MEMBERS

Name	Designation	Experience	Specialisation
Dr Rinku Walia	Assistant Professor	12	Environment Engg
Er. Puneet Kumar	Tech. Asst.	6	B. Tech Civil Engg

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

- Paper Presentations in National Conferences: 5
- Paper Presentations in International Conferences: 20
- Books/Book Chapters Published: 03
- Projects Undertaken by Faculty: 2
- Research Scholars Guiding (PhD): 02
- Research Publications in International Journals: 11
- Research Scholars Guided (PhD): 1

### PROJECTS UNDERTAKEN BY FACULTY

Project Title/Details	Sanctioned Amount	Funding Agency	Principal/Co - Principal Investigator
Rain water harvesting induced artificial recharge in Chandigarh	1,20,000	DST Chandigarh	Principal Investigator
Bench Scale model of artificial recharge structure	50,000	Institute of Engineers	Principal Investigator

### AWARDS/ACHIEVEMENTS OF STUDENTS

Student Name	Award/Achievement	Event	Month-Year
Shivam Singh	Quiz	Awareness on disinfection and biomedical Waste Management	17/7/2020
Shivam Singh	Quiz	National level civil engg Quiz competition on concrete technology	7/8/2020
Gurpreet Yadav	Online webinar	BIM in construction Management	2/7/2020

## DEPARTMENT LABORATORIES



*Strength of Materials Lab*



*CAD/CAM Lab*



*Structural Analysis Lab*



*Transportation Lab*



*Civil Lab*



*Civil Lab*

## EVENTS ORGANISED/STUDENT ACTIVITIES:

**Engineering Survey Camp 3<sup>rd</sup> year students of Civil Nov 2021**



**Final Year student undergoing industrial Training 2022**



**Final year student undergoing project 2021**



*Students doing practical in Lab*

## Contact for Admission

**Dr. Rinku Walia**

Assistant Professor

Mobile No:- 9914868125

Email ID:- waliarinks@rediffmail.com

Website: -<https://ptu.ac.in/hoshiarpur-campus/about/>

## EVENTS ORGANISED BY CULTURAL COMMITTEE:



**Rangoli Competition being held on 9<sup>th</sup> Nov 2021**



## IKGPTU AMRITSAR CAMPUS



IKGPTU Amritsar Campus has been established in 2014 to provide Quality Technical Education especially to students from rural belt belonging to weaker sections of society and to people of all sections in general. The main focus is to produce Quality Engineers according to the needs of Industry at State, National and International

levels. IKGPTU Amritsar Campus has prime location on G.T Road, Amritsar. It has vast campus having smart classrooms, well equipped labs, updated library with latest collection of books, and a well-equipped conference hall with audio-video facilities.

### SALIENT FEATURES

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



**(Prof.) Dr. Amit Sarin**  
**Director - IKGPTU Amritsar Campus**  
**Email:** amitsarin@ptu.ac.in  
**Mobile:** +91-946-588-4849

## PROGRAMME(S) OFFERED

Programme	Intake	Duration
B.Tech.-Computer Science & Engineering	120	04 years
B.Tech. - Mechanical Engineering	60	04 years
Bachelor of Computer Applications (BCA)	60	03 years
Master of Technology (M. Tech.) - Computer Science & Engineering	18	02 years

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

## RESEARCH AREAS

- Renewable Energy and Materials Science
- Artificial Intelligence
- Materials and Metallurgy
- Optimization Techniques and Inventory Models
- Surface Engineering
- Tribology and Adhesive wear
- Cold Spray Coating
- Differential Equation
- Wireless Sensor Networks
- Software Engineering

## FACULTY MEMBERS

Name	Designation	Experience	Specialisation
Dr. Amit Sarin	Professor & Director	20 years	Renewable Energy and Materials Science
Dr. SBS Kalsi	Assistant Professor	20 years	Surface Engineering and Cold Spray Coating
Dr. Vikramjeet Singh	Assistant Professor	16 years	Optimization Techniques and' Inventory Models, Differential Equation
Dr. Prabhkiran Kaur	Assistant Professor	20 years	Materials and Metallurgy, Tribology and Adhesive wear
Dr. Vipul Sharma	Assistant Professor	11 years	Artificial Intelligence, Medical Image Processing
Dr. Shashi Bahl	Assistant Professor	18 years	CAD/CAM & Robotics
Er. Rajdeep Singh	Assistant Professor	10.6 years	Wireless Sensor Networks

## PROGRAMMER

Sh. Tarun Kanodia	Programmer	12 years	Software Engineering
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## CAMPUS FACULTY AND STAFF MEMBERS



## RESEARCH PUBLICATIONS/PATENTS/PROJECTS/RESEARCH GUIDANCE

- Paper Presentations in National Conferences: 21
- Paper Presentations in International Conferences: 24
- Books/Book Chapters Published: 19
- Projects Undertaken by Faculty: 01
- Research Scholars Guiding (PhD): 10
- Research Publications in National Journals: 8
- Research Publications in International Journals: 83
- Patents: 02
- Research Scholars Guided (PG): 13
- Research Scholars Guided (PhD): 08

## PROJECTS UNDERTAKEN BY FACULTY

Project Title/Details	Sanctioned Amount	Funding Agency	Principal/Co - Principal Investigator
Physico chemical characterization of methyl oleate methyl palmitate blend as a model system for jatropha palm bio diesel	27 Lakhs	Science and Engineering Research Board, New Delhi	Dr. Amit Sarin

## PATENTS PUBLISHED

Title of Invention	Patent Number/ Application Number	Name of Inventor
"ADVANCED WEB BROWSING ANALYTICS THROUGH NATURAL LANGUAGE PROCESSING"	The Patent Application No. 202221005812 Dated 15/04/2022	Sh. Tarun Kanodia
"A MACHINE LEARNING BASED TECHNIQUE TO SUGGEST THE MEDICINES OF SIMILAR PROPERTIES IN DRUG DISCOVERY"	The Patent Application No. 202241004993 Dated 04/02/2022	Sh. Tarun Kanodia

## SOME MAJOR PLACEMENTS

Student Name	Company
Mr. Gaurav Dadwal	BYJU'S
Mr. Reshav Thakur	BYJU'S
Mr. Sanjay Kumar Saha	Cognizant
Mr. Anuj	Indian Post
Gaurav Davesar	Parishram Resources Pvt. Ltd.
Gurjeet Kaur	Alliance Ecommerce
Shivani Sharma	Covalience India Pvt. Ltd.
Simranjeet Singh	Tata Consultancy Services Ltd.
Ankit Srivastav	Headspin Technologies Pvt. Ltd.
Sukhdev Singh	HDB Financial Services Limited
Aashish Kumar	8848 Digital LLP
Parminder Singh	MYND Integrated Solutions Pvt. Ltd.

## 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



IKGPTU Amritsar Campus organized A Poster Making Competition on 24th March 2022 in which many students have participated from different departments and finally 26 students were shortlisted for final competition.



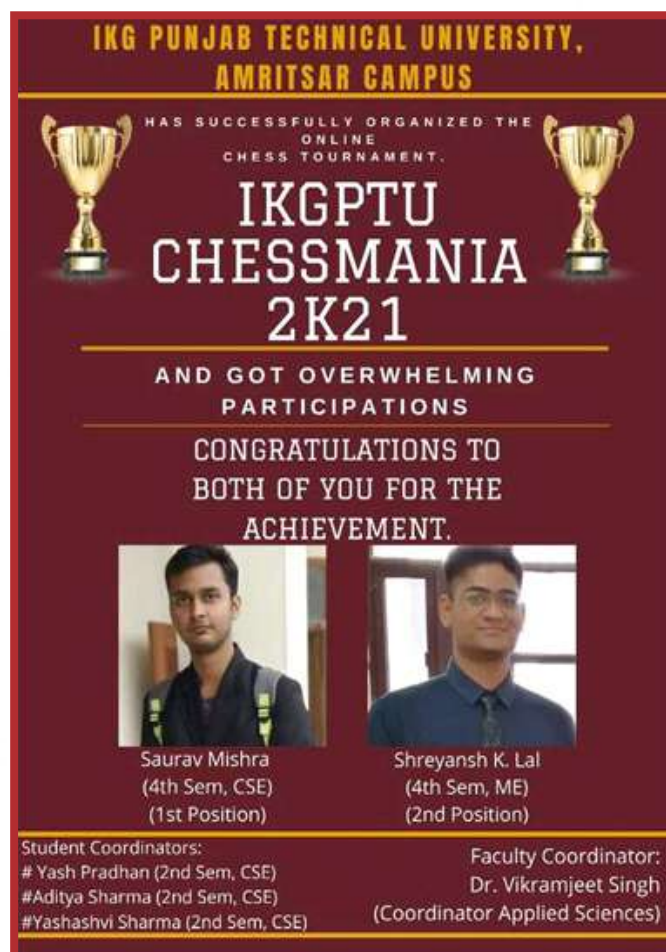
IKGPTU Amritsar Campus in collaboration with NITTTR Chandigarh organised 02 days workshop on Renewable Energy : Materials and Devices on 3<sup>rd</sup>-4<sup>th</sup> February 2022



With an objective to motivate students to participate in TAP Business Plan (2021-22) Competition, Innovation and Entrepreneurship Development Cell of I. K. Gujral Punjab Technical University Amritsar Campus organized Entrepreneurship Awareness Camp session in collaboration with IKGPTU and TIE Chandigarh on 1st December 2021.



Career Counselling and Technical Skills Development Programmes was organised by Innovation and Entrepreneurship Development Cell, IKGPTU Amritsar Campus for Final and Pre-Final year Students on 22-November-2021



An Online Chess Tournament was organised by Sports Department of IKGPTU Amritsar Campus in 2021.



World Environment Day organised online by NSS Unit of IKGPTU Amritsar Campus on 4th June 2021

## EVENTS ORGANISED



Sports Athletics Team of IKGPTU Amritsar Campus participated at Athletics Meet Organised at I.K. Gujral Punjab Technical University Kapurthala



Students performing Giddha at Inter Zonal Youth Festival – North Zone



Students performing Bhangra at Inter Zonal Youth Festival – North Zone



Mini Forest and Vertical Garden established at IKGPTU Amritsar Campus on - An initiative for making Environment Friendly Campus



Industrial Visit of Computer Science & Engineering students to Impinge Solutions Mohali

### CAMPUS ADDRESS

IKGPTU Amritsar Campus, Inside Government Polytechnic College, Polytechnic Road, P.O. Chheharta, Amritsar, Punjab – 143105

General Enquiry and Admission Helpline:

Mr. Tarun Kanodia – 7087364656,  
Landline: 0183-2450034

Saurabh Sharma  
Deputy Registrar  
94780-98037

Director, IKGPTU Amritsar Campus  
Dr. Amit Sarin - 9465884849

### For Admission Query (Department Wise)

Department of Computer Science & Engineering (CSE)

Dr. Vipul Sharma – 8146000911

Department of Mechanical Engineering (ME)

Dr. SBS Kalsi – 9465884830  
Dr. Prabhkiran Kaur – 9592306235

Department of Computer Applications (BCA)

Dr. Vikramjeet Singh – 9988600780

## IKGPTU MOHALI CAMPUS - I



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

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

### SALIENT FEATURES

- ❖ Ph.D. Faculty
- ❖ Scholarship for Meritorious Students as per University Norms
- ❖ Post-Metric Scholarships for SC/ST Students as per Punjab Govt. Rules
- ❖ Fee-waiver Scheme for Economical Weaker Section (EWS)
- ❖ ICT enabled Air-Conditioned Class Rooms
- ❖ Fully Wi-Fi Campus
- ❖ Free Access to E-books & Reputed Journals
- ❖ Hi-Tech Conference Room and Seminar Halls
- ❖ Indoor & Outdoor Sports Activities
- ❖ Transportation Facility
- ❖ Secured Hostel Facility for Boys & Girls
- ❖ 7 Km from ISBT Sector-43, Chandigarh
- ❖ 2 Km from Mohali Bus Stand



**(Prof.) Dr. Monika Sachdeva**  
**Director**

**Email:** monika@ptu.ac.in

**Mobile:** +91-946-588-4822

### PROGRAMME(S) OFFERED

Programme	Intake	Duration
B.Tech CSE	120	04 years

## RESEARCH AREAS

- Network Security
- Digital Image Processing
- Computer Networks

## FACULTY MEMBERS

Name	Designation	Experience	Specialisation
Dr. Monika Sachdeva	Professor	24 Years	Network security
Dr. Neeraj Mohan	Assistant Professor	20 Years	Network Traffic Management, Computer Networks
Dr. Harpreet Kaur	Assistant Professor	08 Years	Wavelet Based Solutions of Differential Equations

## RESEARCH PUBLICATIONS/PATENTS/PROJECTS/RESEARCH GUIDANCE

- Paper Presentations in National Conferences: 09
- Paper Presentations in International Conferences: 20
- Books/Book Chapters Published: 08
- Projects Undertaken by Faculty: 03
- Research Scholars Guiding (PhD): 11
- Research Publications in National Journals:
- Research Publications in International Journals: 100
- Patents : 02
- Research Scholars Guided (MTech/MBA/MSc/MPhil): 60
- Research Scholars Guided (PhD): 07

## DEPARTMENT LABORATORIES:



*Computer Programming Lab*



*English Communication Skills/ Language Lab*

## EXTRA CURRICULAR ACTIVITIES



*Volleyball Tournament*



*Taekwondo Competition*



*Bhangra Classes*



*Kabaddi*

### **Admission Cell IKGPTU, Mohali Campus - I**

- Dr. NEERAJ MOHAN,  
Head of Deptt. (CSE )  
(+91-9463383753)  
Email-Id:- dr.neeraj@ptu.ac.in
- Dr. Harpreet Kaur,  
Assistant Professor  
(+91-9465884840)  
Email-Id: dr.harpreet@ptu.ac.in

#### **General Enquiry**

- S. Malkiat Singh, SA  
+91-9478098089
- Mr. Ravinder Shah, Clerk  
+91-9041747753
- Department Website Page URL:<http://mohali.ptu.ac.in/>

## IKG PTU MOHALI CAMPUS - II

IKGPTU Mohali Campus-II has started functioning in 2014 as a 'School of Built Environment to provide quality education to the students both at undergraduate and postgraduate level to cater to the needs of Building industry. The target does not end at just producing Architects/Engineers/Professionals with B. Arch., B. Tech or Master's program but also to encourage skill development programs with the certificate courses. This campus also encourages research in various disciplines. The programs to be started in the institute would be in conformity with the present and futuristic needs of the industry. At present institute offers B, Arch, M.Arch. in Architecture Education and Research, B.Sc (Architecture basics) and M.Planning.



**(Dr.) Neelkanth Grover**  
**Director, IKG PTU Mohali Campus-II**  
**neelkanth@ptu.ac.in**  
**+9198558-57900**

### SALIENT FEATURES

- Premier state govt institute established in this region offering courses in Architecture & Planning.
- Located at Kharar-Banur National Highway, Sector-115, Mohali, with close proximity to Chandigarh.
- Experienced faculty with varied specialization in different fields of built environment.
- Reputed Guest Faculty from the Profession.
- Industry –Academic Synergy and Training imparted

in reputed Govt and Private Organisations.

- Excellent lab facilities, Modern infrastructure, Studios and Classrooms.
- Well equipped Library and Resource Centre.
- Separate hostel facility for boys and girls available.
- All Govt. Scholarships from Govt of Punjab and meritorious students' scholarship for IKGPTU are available.

### PROGRAMME(S) OFFERED

Programme	Intake	Duration
B.Architecture	30	05 years
B. Planning	60	04 years
M.Architecture (Architecture Education and Research)	20	02 years
M. Planning	18	02 years
B.Tech (Civil Engineering)	60	04 years

### RESEARCH AREAS

- Architecture Education and contemporary practices
- Construction & Project Management,
- Urban Planning
- Geology, Geotechnical, Remote Sensing and GIS
- Sustainability& NetZero, Low Carbon Buildings
- Sustainable Architecture

## FACULTY MEMBERS

Name	Designation	Experience	Specialisation
Dr. Neelkanth Grover	Director	25 Years	Fluid and Thermal Engineering
Dr. Mukta Sharma	Incharge	14 Years	Engineering, Geology and GIS, Natural Disasters, Disaster Management, Remote Sensing and GIS
Dr. Gurkirpal Singh	Assistant Professor	24 Years	Architectural Design, Urban Planning and Structure Design
Ar. Jyoti Singh	Assistant Professor	12 Years	Architectural Education and Research, Energy Efficiency in Buildings, Sustainability in Built Environment, Green Architecture, Net Zero Buildings.
Ar. Damandeep Kaur	Assistant Professor	12 Years	Construction Management, Vernacular and low-cost Architecture

## RESEARCH PUBLICATIONS/PATENTS/PROJECTS/RESEARCH GUIDANCE

- Paper Presentations in National Conferences: 24
- Paper Presentations in International Conferences: 13
- Projects Undertaken by Faculty (DST): 1
- Research Scholars Guiding (PhD):06
- Research Publications in National Journals: 28
- Research Publications in International Journals:28
- Patents: 02
- Research Scholars Guided (PhD):07
- Research Scholars Guided (PG):25

## PATENTS GRANTED

Title of Invention	Patent Number/ Application Number	Name of Inventor
"Kaur's Energy Efficiency Design Discs"	303110	Dr. Prabhjot Kaur

## WEBINAR ORGANIZED/ PARTICIPATED AS PANELLIST

Webinar Title	Experience	Specialisation
"Adaptive Thermal Comfort For Sustainability" IGBC	Er. Samta Bajaj	28/1/2021
Architecture Shapes Behaviour"IGBC	Ar. Sandeep Padora, Guru Gauranga Das	30/4/2021
"Strategic Approach To National Water Management" IGBC	Dr. Jyotirmay Mathur	22/5/2021
NEP: Roadmap for transformation of Higher Education in India	Dr Prabhjot Kaur	30/09/2020



**The Prem Jain DISTINGUISHED Lecture Series 2021**

STRATEGIC APPROACH TO NATIONAL WATER MANAGEMENT

**Guest Speaker**  
**Mr. Shankar Yadav**  
Executive Director, National Water Research Institute

**Special Advisor**  
**Dr. Jyotirmay Mathur**  
Professor, Department of Civil Engineering, IIT Bombay

**Special Jury**  
**Mr. Jyoti Singh**  
Anchor & Faculty Coordinator

**College Representative**  
**Dr. Prabhjot Kaur**

**ADAPTIVE THERMAL COMFORT FOR SUSTAINABILITY**

**{GREEN TALKS}**

**SPEAKER**  
**Er. Samta Bajaj**  
Founder - Environment Engineering Services  
Member Chair - (EPA), Delhi Chapter

**ANCHOR & FACULTY COORDINATOR**  
**Ar. Jyoti Singh**

**COLLEGE REPRESENTATIVE**  
**Dr. Prabhjot Kaur**

**DREAM GREEN**  
ON VIRTUAL PLATFORM

**DAY 6**  
JANUARY 23  
3:00 to 4:00 PM

**HARI PREM DATARAT**

**SAVITRI SAV**  
JANUARY 23-24



**The Prem Jain DISTINGUISHED Lecture Series 2021**

ARCHITECTURE SHAPES BEHAVIOR

**Guest Speaker**  
**Mr. Ashish Maheshwari**  
Executive Director, IIT Bombay

**Special Advisor**  
**Ar. Samrat Prabhu**  
Anchor & Faculty Coordinator

**College Representative**  
**Dr. Prabhjot Kaur**

**NATIONAL EDUCATION POLICY  
A ROADMAP FOR TRANSFORMATION OF HIGHER EDUCATION IN INDIA**

**Virtual Panel Discussion**

**COORDINATOR**  
**Dr. Manpreet Singh Mann**  
Ex Director AICTE, AsP SLIET  
Sr Member IEEE

**ORGANIZING SECRETARY**  
**Dr. Indrpreet Kaur**  
Member-EXECOM  
IEEE PES-IAS, Delhi Chapter

**ESTEEM PANELISTS**

 <b>Prof Dr. A. Gupta</b> VJ, IIT, Amritsar	 <b>Prof Dr. Madhu Aar</b> Director IIT Indore	 <b>Prof Dr. Jyoti Singh</b> Director IIT Indore	 <b>Prof Dr. Madhu Gupta</b> VJ, IIT, Amritsar	 <b>Dr. Gurpreet Singh</b> Member-EXECOM IEEE PES-IAS, Delhi Chapter	 <b>Prof Dr. Prabhjot Kaur</b> Director IIT, IIT Delhi Chapter II
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Registration: <https://forms.gle/WtWtggp171111111> | Link: <https://www.youtube.com/watch?v=...> | E-Certificate for attendees

**Academic Partners**

**IEEE**  
Delhi Chapter

## STUDENT PLACEMENTS INFORMATION

Three batches graduated and many are placed with the reputed architects of the Northern Region.

Some students have opted for their own professional practice and some have opted for higher education.

## AWARDS/ACHIEVEMENTS OF STUDENTS

Student Name	Award/Achievement	Event	Month-Year
Angad Chaitanya Saumya	Participated	Switch Competition- Ladakh School Design	December, 2021
Harpreet Nayyar Gurleen Lidhar	Participated	Switch Competition- Ladakh School Design	December, 2021
Deepanshu Ritik Vidhi	Participated	Switch Competition- Ladakh School Design	December, 2021
Kanupriya	Ist Prize	SAAKAR Competition - Mural Design	March, 2021
Jaskirat/Himalaya	IInd Prize	SAAKAR Competition - Mural Design	March, 2021
Shruti Verma	Participated	SAAKAR Competition - Mural Design	March, 2021
Kanupriya Rajan Pardeep Singh Piyush Abrol Zaid	Participated	NASA Zonal NASA Convention- D15 Trophy	October, 2019
Kanupriya Rajan Pardeep	Participated	NASA Zonal NASA Convention- D15 Trophy	October, 2019
Kanupriya Jaskirat Shruti Verma	3rd	CUF'19- Dance Competition	September, 2019
Alisha Sampreet Richa	Successfully completed the Adventure Programmes	Adventure Programmes organised by IKG PTU	June 2019

## DEPARTMENT LABORATORIES:



Computer Lab



Studio



Art & Design Lab



Resource Center



Student Published work in WGBC Journal

## EVENTS ORGANISED/STUDENT ACTIVITIES



International Women's Day



Celebration of Environment Day



Sport's Meet



Annual Function(Kahkashan)



Live Sketching



Annual Function



Educational Trip



Poster Making Competition on Environment Day



Poster Making Competition on Environment Day

## Contact for Admission

**Dr. Mukta Sharma**

Assistant Professor

Mobile No:- 9478098123

Email ID:- muktageo@gmail.com

Website: - <https://ptu.ac.in/mohali-campus-ii/about/>

# **I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY**

Jalandhar-Kapurthala Highway, Ibban,  
Kapurthala - 144 603

