



Information Brochure



2021



GURU NANAK DEV ENGG. COLLEGE, LUDHIANA

An Autonomous College Under UGC Act 1956

Message



I am delighted to know that Information Brochure of GNDEC is being printed for the new aspirants who are going to become member of GNDEC family in the year 2021-22 by taking admission in various courses i.e B.Tech., M.Tech., MBA, MCA, BBA, BCA, Ph.D.

I felicitate the students of this batch and pray to almighty that they may work hard, touch the extreme heights and serve the society with missionary zeal. They may place at global level and grow with flying colors for the upliftment of society, country and glorify the name and fame of institution at world level.

I am proud of this institution for producing world class engineers who are serving at the global level.

Bibi Jagir Kaur

President SGPC, Sri Amritsar Sahib

and NSET, Ludhiana

Chairperson, Governing Body, GNDEC

Message



The paradigm of education is rapidly changing with the advancement of technology and exposure to varied media. It is an altogether new era of teaching and learning. Education today has a multifaceted role. It should give wings to students to fly on their own and at the same time keep them rooted with the moral and ethical values inculcated in them. A campus is a just a miniature world where one receives life-long learning. We prepare students for facing the challenges of the world that continually demands new skills and competencies, along with adequate communication and interpersonal skills.

The colleges have to empower students with knowledge that provides them a strong foundation to lead and create a position in respective careers after their graduation. It is empowerment through learning and our college focuses on the holistic development of the students. I strongly believe that GNDEC was established with a noble mission and has been practicing the same since its inception.

Dr. Sehijpal Singh

Principal

CONTENTS

BRIEF HISTORY OF NSET	2
ABOUT GNDEC	3
VISION & MISSION	4
ADMINISTRATION	5
CENTRAL FACILITIES	6
ACADEMIC PROGRAMMES	16
QUALITY IMPROVEMENT PROGRAMME (QIP)	24
SCHOLARSHIP/AWARDS	25
FEE STRUCTURE	27
EXAMINATION BRANCH	28
STRUCTURE OF EXAMINATION BRANCH	28
CIVIL ENGINEERING DEPARTMENT	29
MECHANICAL ENGINEERING DEPARTMENT	33
ELECTRICAL ENGINEERING DEPARTMENT	38
ELECTRONICS & COMMUNICATION ENGG. DEPARTMENT	41
COMPUTER SCIENCE & ENGINEERING DEPARTMENT	44
INFORMATION TECHNOLOGY DEPARTMENT	47
APPLIED SCIENCE DEPARTMENT	50
BUSINESS ADMINISTRATION DEPARTMENT	53
COMPUTER APPLICATION DEPARTMENT	54
PHYSICAL EDUCATION	55
CENTRAL WORKSHOPS	56
HOSTELS	58
IMPORTANT DOCUMENTS	59
GNDEC SCHOOL OF ARCHITECTURE	60
SCIENCE & TECHNOLOGY ENTREPRENEUR'S PARK	62
IMPORTANT TELEPHONE	64

BRIEF HISTORY OF NSET



Nankana Sahib Education Trust (NSET) was founded in memory of the most sacred temple of Nankana Sahib, birth place of Guru Nanak Dev Ji. Shiromani Gurudwara Prabandhak Committee (SGPC) Amritsar, a premier organization of universal brotherhood, which is the main force behind the setting up of NSET with a mission of "Removal of Economic Backwardness through Technology". NSET established a Polytechnic in 1953 and Guru Nanak Dev Engineering College Ludhiana (GNDEC) in 1956. The Trust deed was registered on 24th February 1953 with a commitment to uplift the vast weaker section of Indian polity comprising Rural India by admitting 70% students every year from Rural Areas. This commitment was endorsed by Late Dr. Rajendra Prasad Ji, the First President of India to the nation on 8th April, 1956, the day when foundation stone of GNDEC was laid. The president of SGPC is the ex-officio president of NSET. GNDEC is being run by a Governing Body with representation of state Government, UGC, AICTE and affiliating university.

FOUNDER TRUSTEES OF NSET



Master Tara Singh
President, SGPC



Maharaja Yadwinder Singh
Raj Parmukh, PEPSU



S. Baldev Singh
Defense Minister, Govt. of India



Giani Kartar Singh
Cabinet Minister, Govt. of Punjab



S. Sawarn Singh
Foreign Minister, Govt. of India



Rajkumari Amrit Kaur
Health Minister, Govt. of India



S. Gian Singh Rarewale
Chief Minister, PEPSU



S. Chanan Singh Gill



S. Mubarak Singh



Er. S. Gurbaksh Singh Katani

ABOUT GNDEC

The College was affiliated with Punjab University, Chandigarh since its inception. On establishment of Punjab Technical University, Jalandhar, since 1997 the college is affiliated with it, which is now known as I.K.Gujral Punjab Technical University (IKGPTU). The College courses are approved by All India Council for Technical Education, New Delhi. This is the first Engineering College of Punjab, which was conferred Autonomous Status by University Grants Commission (UGC), New Delhi in 2012 under UGC Act 1956. Most of the undergraduate courses are accredited by National Board of Accreditation about 3 times since 2004.

The college is accredited with 'A' Grade by NAAC. Tata Consultancy Services (TCS) has accredited this college twice for placement purpose. The College has been ranked consistently within first 50 engineering colleges of the country by different independent national agencies like India Today, Outlook, CSR, Star TV etc.

MHRD, Govt. of India has sanctioned Rs. 10 Crores for Technical Education Quality Improvement Programme-II (TEQIP-II) to this College and the Department of Science and Technology (DST) also sanctioned Rs. 1 Crores under FIST Programme for carrying out the research activities. The College has received grant to the tune of Rs. 5 Crores for research & other activities by different agencies like AICTE, UGC and DST etc. MHRD has recently granted Technical Education Quality Improvement Programme-III (TEQIP-III) also.

The Institute is spread over 87 acres of prime land on Ludhiana - Malerkotla road. The College campus is well planned with beautiful laid out tree plantation pathways & flowerbeds beside the well maintained sprawling lawns all around. The greenery of Campus is remarkable & special care is taken to preserve it. It has magnificent buildings for the College Hostels, Canteen, Swimming Pool, Sports & Gymnasium Hall, Gurdwara Sahib, Bank, Dispensary, Post Office, Alumni Home, Open Air Theater etc. There are three Hostels for boys & one for girls, which provide all basic amenities & services. CCTV Camera facility & back up power supply facility is available in College & all the hostels.



A view of Academics Block



Alumni Home



College Gurdwara Sahib

VISION

Realization of Glimpses of a Golden India in the real (rural) India which lives and abounds in its villages. GNDEC will excel nationally and distinguish itself as a recognized pre-eminent leader to serve this 70% Brotherhood through its socioeconomic upliftment by exposure of the have nots to Engg. & Technology thereby grooming them as technically competent and intellectually-vital Graduates through practically focused quality learning experiences, and thus assuring productive Careers for them.

MISSION

- Upliftment of Rural Students through technical education.
- Respond to local societal needs by developing selected 'targeted research projects'.
- Quality training programs in need based modern technology.
- To maintain state-of-the-art infrastructure in laboratories.
- To promote culture of self-employment.
- To impart non-formal education to unemployed youth.
- To inculcate moral, ethical, spiritual values in education at all levels.

ADMINISTRATION

PRINCIPAL Dr. Sehijpal Singh		0161- 5064500
DEANS Dr. Akshay Girdhar Dr. Harvinder Singh Dr. Parminder Singh Dr. Harmeet Singh Dr. Harwinder Singh Dr. Paramjit Singh Bilga Prof. Ameeta Sehra	Dean Academics Dean, Testing & Consultancy Cell Dean, Students' Welfare Dean, Research & Development Dean Planning and Development Dean Industrial Relations Dean, Alumni	0161- 5064704, 98559-61620 0161- 5064508, 98559-65450 0161- 5064583, 98555-76176 0161-5064501, 95922-00299 98151-88044 98159-06659 0161-5064767, 98721-39597
HEADS OF DEPARTMENTS Dr. Hardeep Singh Rai Dr. Jasmaninder Singh Grewal Dr. Kanwardeep Singh Er. Ameeta Sehra Dr. Parminder Singh Dr. K.S. Mann Dr. D. S. Pathania Dr. Parampal Singh Er. J. S. Saini Dr. Jatinder Kapoor Ar. Akanksha Sharma	NAMES OF DEPARTMENTS Civil Engg. Mechanical & Production Engg. Electrical Engg. Electronics & Comm. Engg. Computer Science & Engg. Information Technology Applied Sciences Business Administration Computer Applications Workshops School of Architecture	0161- 5064536, 98552-25007 0161- 5064583, 98153-23023 0161- 5064559, 95014-11533 0161- 5064570, 98721-39597 0161- 5064547, 98555-76176 0161- 5064510, 99155-07920 0161- 5064529, 98786- 34245 0161- 5064592, 98159-03230 0161- 5061314, 98767-00810 0161- 5064588, 98148-57865 0161-5064801, 76965-21055
OFFICER I/C M. TECH PROGRAMMES Dr. Jagbir Singh Dr. Munish Rattan Dr. Amandeep Kaur Sohal Dr. Jasmaninder Singh Grewal Dr. Harwinder Singh Dr. Navneet Singh Bhangu Dr. Kiran Jyoti	Civil Engg. Electronics & Comm. Engg. Computer Science & Engg. Mech. Engg. (Production) Mechanical Engg. Electrical Engg. Information Technology	0161-5064738, 92164-08335 0161- 5064570, 98550-04325 0161- 5064547, 95011-99815 0161- 5064583, 98153-23023 0161-5064578, 98151-88044 0161- 5064560, 98728-27229 0161-5064549,
ACADEMIC SECTION Dr. Navneet Singh Bhangu Dr. Harmeet Singh Dr. Pankaj Bhambri Dr. Amit Kamra	ADDITIONAL DUTIES Deputy Registrar Assistant Registrar Assistant Registrar Officer Incharge (Ph.D. Programme)	0161- 5064560, 98728-27229 0161- 5064770, 95010-95000 0161- 5064510, 98148-28414 0161- 5064549, 98142-29753
EXAMINATION BRANCH Dr. Hardeep Singh Rai Dr. Randhir Singh Dr. Vivek Thapar Prof. Daljit Singh Er. Shalja Ms. Jaspreet Kaur Er. Harminder Kaur	Controller of Examinations Deputy Controller Deputy Controller Assistant Controller Assistant Controller Assistant Registrar Assistant Controller	0161-5064724, 98552-25007 0161- 2502700, 98558-04455 0161- 5064551, 98729-22886 0161- 5064571, 98555-78987 0161- 5064551, 95014-21234 0161-5064723, 96538-23710 89681-24574
OTHER OFFICIALS Dr. Arvind Dhingra Dr. Manpreet Singh Prof. Gagandeep Singh Sodhi Prof. Ardamanbir Singh Dr. Gurdeep Kaur Prof. Lakhveer Singh Khana	Executive Director, STEP- T&P Assistant Registrar (Admin), Chief Warden Training & Placement Officer Assistant Registrar (Accounts) HRM Incharge, NPTEL Local Chapter	98741-63429 0161-5064532, 98555-49032 0161- 5064510, 99155-07920 0161- 5064705, 98141-23832 0161-5064507, 85280-02375 0161-5064578, 94646-63313
FOR ADMISSION RELATED QUERIES	Engineering Programmes MBA and BBA MCA and BCA B. Arch.	7341116064, 65, 67 9815903230, 9876156364 9876700810, 9417271184 8427866335, 8146994551

CENTRAL FACILITIES

Sports

The College campus has well established Sports Department which provides & maintains outdoor & indoor sports facilities. The aim of the department is to inculcate sports culture & develop overall personality of students with focus on core values like teamwork, respect, integrity, humility, accountability & sportsmanship through the intramural & extramural activities organized from time to time throughout the session. The following facilities are available :



1. Sports complex comprises of :

- a) Sports office, Player retiring room (1) and Guest rooms (03)
- b) Gymnasium (boys-1 and girls-1)
- c) Billiard room with one table
- d) Table tennis Hall with two tables
- e) Wt. lifting hall with platform & 2 wt. sets

2. Sports stadium having:

- a) 400m grassy athletic track (01)
- b) Volleyball courts with flood lights (02)
- c) Cricket pitches (01 Clay & 02 concrete)
- 3. Swimming pool (25x12 m with 6 lanes) (01)
- 4. Football ground (01)
- 5. Hockey ground (01)
- 6. Badminton outdoor court (01)
- 7. Lawn tennis courts (03)
- 8. Basketball courts with flood lights (02)



The College has been excelling in the University Sports by bagging major I.K. Gujral PTU Championship Trophies almost every year. The I.K.G. PTU Overall combined (men & women) Championship trophy has been won consecutively for the last sixteen years.

CENTRAL FACILITIES

NCC

There is one NCC Company in our College attached with 3 Pb., Bn NCC (Boy Cadets = 79, Girl Cadets = 27, total of 106 Cadets. One more company having 160 cadets under FCFS scheme has been introduced from session 2020-21 onwards. Every year many cadets get 'B' Certificate and 'C' Certificate. There is an Air Wing with 30 vacancies (open) associated with 4 Pb. Air Sqn.



NSS

Three & a half units of NSS having a total of 350 volunteers have been allotted by I.K. Gujral PTU to provide opportunities to the students for Social Services in various fields. However, a total of more than 1000 volunteers are enrolled in NSS in the college each academic year. The college has self supporting NSS units all engaged in blood donation, tree plantation and drug de-addiction campaigns etc.

GENCO Alumni Home

A large number of graduates of the institution are serving in industry, academic institutions and R & D establishments all over the world. They are at top positions in the PWD, B & R, Public Health, Irrigation, PSPCL, CPWD, Public Undertakings and Private Sectors in India & also in the prestigious world organisations like IBM, FORD, Toyota, Maruti, General Motors, Apple, Microsoft etc. GENCO Alumni meet is organised every year in the College. The GENCO Alumni home is having a magnificent building with well furnished rooms having all modern facilities including a Conference Hall.



CENTRAL FACILITIES

Auditorium



The college has an air-conditioned auditorium with seating capacity of 800 & is equipped with cinema screen, projector & latest dolby sound system.

Day Scholar Club



A well-established Day Scholar Club is maintained in the College for the benefit of Day Scholars. It has the usual recreation facilities along with a canteen.

Open Air Theater



The college has an open Air Theater with seating capacity of 5000.

Seminar Hall



The college has four air conditioned seminar halls with seating capacity of 100 each, which are being used for organizing expert lectures/ seminars/ conferences etc.

Bank & Post Office



The college has a bank and a post office in its campus.

CENTRAL FACILITIES

Community Radio Station

90.8. FM Community Radio Station provides a platform for the students to showcase their underlying talents and thus making them conversant with the world beyond boundaries.

Students are engaged in recreational activities which would help them to become the creators and contributors of media in near future. Interesting interaction session with miraculous personalities, multifarious programmes dealing with health, technology, regional environment alongside hosting multiple open and live events are broadcast to interact with the society.



Dispensary



A dispensary for students, faculty & staff is maintained in the campus. Two qualified doctors cater to the emergency needs as well as regular physical check up of campus residents. The college has also signed MOUs with DMCH, Pahwa Hospital, Apollo Hospital, Fortis Hospital and GTB Hospital for any emergency.

Computer Centre

The Computer Centre offers excellent computing facilities to fulfill the needs of undergraduate, postgraduate & doctoral students. The centre is equipped with latest softwares, high end servers and computers of the latest configuration. The institution has 1Gbps Leased Line for 24 hours online internet access. The college has its own mail and web server with registered domain name [http:// www.gndec.ac.in](http://www.gndec.ac.in). The services of computer centre are available beyond the working hours to facilitate students and staff. The internet facility has been extended to other departments and central library, which are connected



through LAN (Local Area Network). All departments and central library are communicating through this Intranet which makes paperless office a reality. More infrastructure is being provided for the computer centre with the installation of more powerful servers, workstations and new computers. The internet connection has also been extended to the hostels and faculty residences through Wi-Fi.

CENTRAL FACILITIES

Training & Placement

The Training and Placement cell aims to provide students with an environment where they can use their potential to extreme along with gaining valuable experience of working in the industry, it is a network of communication between various companies seeking talented young graduates and post graduates in various disciplines. The cell is complete in terms of infrastructure having Testing halls, Consultancy Hall, Conference room for Pre Placement Talk, Presentations etc. The cell also has video conference facility available for the students.



Training

The cell contrives to provide training in industries for 6 weeks at the end of 4th semester and for 6 months in 7th or 8th semester. Every Engineering Department student goes through a minimum of 12 weeks of industrial training and minimum 6 weeks of software training within the 6 months training. Many students of the cell got the chance of getting trained from reputed companies like TCS, Mahindra & Mahindra, Delhi Metro Rail Corporation, Maruti Udyog Ltd, Havells, DRDO, CISCO, Ericsson, Siemens, Reliance Group, HCL, Samsung, LG, EICHE, Volkswagen etc.

Placement

Many National and Multinational companies visit the college for recruitments. The Cell is a link that provides students with all the information they require at the fastest rate possible. A common placement brochure gets published annually covering all aspects. The Training & Placement Cell works day and night in order to develop 'Industry-Institute Interaction'. Along with Developing relations with the industries, the cell organizes technical talks and national seminars to provide a platform for budding engineers to interact with professionals from various industries, it encourages college students to visit the industries. The students regularly visit the industries under TEQIP-II programme.

CENTRAL FACILITIES

Our Major Recruiters



► Internships opportunities with TCS, Infosys Corporation, Cognizant, Thermax, Hero Cycles and many more.....

CENTRAL FACILITIES

Testing & Consultancy Cell

Testing & Consultancy Cell in the college was established in the year 1979, with a basic aim to provide quality service for technical problems at reasonable and affordable rates as a service to the society in general and engineering fraternity in particular. Anybody from industry/ external agency can contact the college for getting solution to almost any type of problem in almost any division of engineering and technology. The college through its faculty and technical staff handles such requests from the industry or any external agency and provides solution to such requests.

A list of some of the types of consultancy services that the college offers through its dedicated single window is given below :

- Architectural planning and design
- Analytical studies
- Cause-and-remedy studies
- Simulation/ modeling/ optimization
- Design of structural systems /components/ processes/ products
- Development of systems software/application software for offline/online applications
- Development of laboratories/ testing set-ups
- Training programmes/extension activities
- Testing of industrial products/samples/ materials
- Validation of designs/drawings/processes
- Contract research on a wide spectrum of engineering problems
- Quality assurance service during execution of projects
- Technical and Energy Audit.

The cell is providing technical solutions to various Govt. departments (PWD, Corporations, Nagar Councils, Water and sanitation department, PSPCL etc.) and other constructions agencies/firms such as L & T, GLADA, Municipal Corporations, Punjab Mandi Board, Power Grid Corporation of India, Punjab Police Housing Corporation, PWD, Punjab Water Supply & Sanitation, Sri Guru Nanak Hospital, WOG Technology Pvt. Ltd., Octave Apparels, Wardhman, Arti Steels.

The cell has earned revenue of Rs. 350 lacs in the last financial year and designed various bridges, buildings and other infrastructure projects like STP, water treatment plants etc.

CENTRAL FACILITIES

Library

The institution has a well-established Central Library having more than 95,00 books, 7100 e-books, 10 print Journals, 27000 online journals, 2400 M.Tech. Thesis, 3100 back volume journals and audio-video materials. It has a working area of around 1800 sq. mtrs. There is separate Welfare Section in the Library for the SC/ST students. The books are classified according to DDC 22nd latest edition.

DELNET is available in the Central Library which provide online access to various international journals, standards, and proceedings etc.

The library uses E-Granthalaya software package. It is an integrated multi-user library management system and supports all in-house operations of the library. The library is Bar-Code enabled.

Library Hours : 8:00 am to 10:00 pm (Monday to Friday)

9:00 am to 5:00 pm (Saturday)

The number of books a borrower can take and the period for which he/she can retain is as follows :

I.	Undergraduate & Doctoral Students	04
II.	Postgraduate (FT/PT) Students	04/02
III.	Staff Members	04
IV.	Faculty Members	10

Maximum Allocated Period to Issue Books :

I.	General Books	14 days
II	Text Books :	
(a)	Faculty One semester	
(b)	Students	14 days
III.	Reference Books	
	Abstract and Indexes	Not to be issued
IV.	Current Periodicals	Not to be issued
V.	Theses, Rare Books &	Not to be issued
	Micro-film reading material	
VI.	Bound Periodical & Serials :	
(a)	Post-Graduate Students	Not to be issued
(b)	Faculty	For overnight only.



OTHER SERVICES :

(a) **DELNET connectivity :**

CENTRAL FACILITIES

Library

All library users can access online database. Institute has the connectivity of DELNET. The required material can be processed on request and payment basis. The request can be submitted to the central library.

(b) E-Resources:

The library users has the access to e-books and e-Journals. They can access the required material through any terminal on the campus network. Presently, all the users can access e-books of Mc Graw - hill, Pearson and e-journals of IEEE, ASME, ASCE, Springer, Elsevier Science Direct, EBSCO, J-gate (Engineering).

(c) OPAC (Online Public Access Catalog):

OPAC can also be accessed through any terminal on the campus network. Library collection can also be searched through Web OPAC. One PC has been kept exclusively for the users to search the library catalogue.

(d) Internet Facility:

Library is equipped with 10 Laptops connected via Internet/Wi-Fi.

(e) Web Page :

Student can access all the update information from the college site i.e. <http://library.gndec.ac.in>

(f) Document Delivery Service

Faculty and students of the institute are entitled to get reprints/ photo- copies of research thesis, bound periodicals & reference documents from the institute library on payment basics.

(g) Inter Library Loan Service :

Under the service the faculty and students (through their respective Incharges) of the institute are entitled to get books on loan from other libraries through DELNET. Under this facility information is procured from all over India through DELNET. Apart from the above, library has three air conditioner & reading rooms. Main reading hall is fully Wi-Fi enabled. Library is equipped with CCTV cameras for security purpose.



CENTRAL FACILITIES

Students Chapters & Committee

In order to facilitate overall personality development, the college offers a numbers of opportunities. The college has well established student's chapter of various International & National bodies of engineers vig.

- International Electrical & Electronics Engineers (IEEE) students chapter.
- Institution of Engineers (India). The student chapter for IE (I) has been operational since 1970s.
- Indian Society for Technical Educations (ISTE) student chapter. Our students have won the best student prize for ten consecutive years.
- Society for Automotive Engineers (SAE). The society promote the spirit of innovation and experimentation allowing students to participate in national level competitions like BAJA Asia, Efficycle. Our students have made us proud by winning in these events.
- Indian Electronics & Telecommunication Engineers (IETE).
- Indian Society of Heating, Refrigeration & Air Conditioning Engineers (ISHRAE).



Besides the above, departmental level clubs are fully functional to hone skills of the students. These include:

- | | |
|--|--------------------------------|
| • Association for Civil Engineers (ACES) | • ITIAN club |
| • Electrical Engineers Students Society (E ² S ²) | • Parwaj club |
| • Mechanical Engineers Students Forum (MESF) | • Fine Arts & Photography club |

The college encourages students to participate in events at inter-college, inter-university, zonal and national level events. Students are sponsored for participating in such events. Every semester a mega technical event is organized where students showcase the application of concepts learned in classroom. The students are encouraged to participate in group activities to inculcate in them a sense of responsibility and to make their education complete. Their participation in these activities is duly recognized in the form of awards and certificates.

The college has multi-faceted learning center, aims at promoting the holistic development of students. A brief list of activities of multi-faceted learning center include :

- E-learning NPTEL (SWAYAM)
- Personality development Capsule Courses.
- Entrepreneurship Capsule Courses (In association with STEP)
- Capsule Courses for joining Armed Forces
- Preparation for Govt. jobs like UPSC, State Civil Services Examination.

ACADEMIC PROGRAMMES

The institute offers following B.Tech (duration : 4 years) and M.Tech Programmes (duration : 2 years), approved by All India Council for Technical Education (AICTE), New Delhi.

Bachelor of Technology (B.Tech.)

S. No.	Branch	Intake
1.	Civil Engineering	120
2.	Computer Science and Engineering	150
3.	Electrical Engineering	90
4.	Electronics and Communication Engineering	90
5.	Information Technology	120
6.	Mechanical Engineering	180
7.	Mechanical Engineering (Production)	45

Bachelor of Technology (B.Tech.- FIRST YEAR)

For admission to the engineering courses, 85% seats shall be open for the candidates from within the State and 15% shall be open for candidates from outside the State. 5% seats are reserve for NRI Candidates.

For admission to B.Tech., candidates should appear in the JEE (Main) examination conducted by CBSE, New Delhi

ELIGIBILITY CRITERIA

For Engineering & Technology Programmes :

All those candidates who have passed 10+2 examination with Physics and Mathematics as compulsory subjects along with one of the following subjects :

- Chemistry
- Biotechnology
- Computer Science and
- Biology

or

Those candidates who have passed their 10th or 10+2 examination with science stream and have passed diploma in any engineering trade from Punjab State Board of Technical Education & Industrial Training, Chandigarh or Sant Longowal Institute of Engineering and Technology, Longowal (SLIET), or any such examination from any other recognized State Board of Technical Education.

or

The candidates who have passed two years certificate course from Sant Longowal Institute of Engineering and Technology, Longowal (SLIET) shall be eligible.

The candidates who are appearing the qualifying examination shall also be eligible to appear in the entrance test. The admission of such candidates shall be purely provisional and shall stand cancelled, if they fail to produce their eligibility at the time of admission and such candidates shall have no claim, what so ever, for admission to these courses through counseling.

Bachelor of Technology (B.Tech. - SECOND YEAR)-LEET

The qualification for admission to 2nd year 3rd semester of the under graduate programme in engineering & technology courses shall be as under :

- Candidates who have passed Diploma in Engineering/ Technology or equivalent grade point.

or

- Candidates who have passed B.Sc. Degree (Non- Medical)

ACADEMIC PROGRAMMES

OTHER COURSES

1. Bachelor of Computer Application (BCA) DURATION 3 YEARS (Intake 60)

2. Bachelor of Business Administration (BBA) DURATION 3 YEARS (Intake 60)

Eligibility : All those candidate who have passed 10+2 or its equivalent examination in any stream conducted by a recognized Board / University / Council.

or

Candidates who have passed their matriculation examination and have also passed three years diploma in any trade from Punjab State Board of Technical Education & Industrial Training, Chandigarh or such examination from any other recognized State Board of Technical Education, or SLIET, Longowal.

Special opportunity for students of BCA to do BCIS (Credit transfer system) at University of Fraser Valley, British, Columbia, Canada after completing two years at GNDEC, Ludhiana

CERTIFICATE COURSES (DURATION 6 MONTHS)

S. No.	Course	Intake
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1.	Analysis & Design of RC Building	18
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Eligibility : B. Tech. in Civil Engineering with 2 years professional experience preferably of Design office.

2.	VLSI Design	18
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Eligibility : B.Tech./B.E. (ECE) with minimum 60% marks

POST GRADUATE DIPLOMA COURSES (DURATION 1 YEAR)

S. No.	Course	Intake
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1.	VLSI Design	18
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Eligibility : B.Tech./Civil Engineering with 2 years professional experience

2.	Machine Learning and Artificial intelligence.	18
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Eligibility : B.Tech. /B.E./MCA/M.Sc. (CS/IT/Mathematics)

3.	E-Mobility	
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Eligibility : BE/B.Tech.or equivalent in domains such as:

Electrical Engineering/Industrial Engineering /Electrical & Electronics Engineering/ Electronics & Electrical Engineering/ Electronics & Communication Engineering/ Electronics & Instrumentation & Control Engineering/ Instrument Engineering /Automobile Engineering/ Automobile & Robotics Engineering/Robotics Engineering/Automotive Engineering/Mechanical Engineering/Mechatronics Engineering/ Industrial & Management Engineering/ Production Engineering/Aerospace Engineering/Aerospace & Automotive Engineering/Petroleum Engineering/ Transportation Engineering/Power Engineering or other related domains which comes in the preview of above.

4.	Data Science and Analytics	18
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Eligibility : BE / B.Tech. / BCA/MCA/B.Sc./M.Sc. (with Mathematics) Students from background other than B.Tech. CSE/IT and BCA & MCA will have to take one bridge course (30 hours Theory & 20 hours Practical) on Database Management System before the start of PG Diploma.

5.	Project Management	18
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Eligibility : A candidate who has secured more than 55% or CGPA of 3.5 in the UGC Seven Point scale [36% or Pass marks for SC/ST/Non-creamy layer OBC/SBC] or equivalent in the Bachelor degree in Science or Engineering

ACADEMIC PROGRAMMES

or

Technology or Medicine or Pharmaceutical Science shall be eligible for admission to First Semester of PG Diploma in Project Management.

6. Industrial Safety 18

Eligibility : A candidate who has secured more than 55% or CGPA of 3.5 in the UGC Seven Point scale [36% or Pass marks for SC/ST/Non-creamy layer OBC/SBC] or equivalent in the Bachelor degree in Science or Engineering or Technology or Medicine or Pharmaceutical Science shall be eligible for admission to First Semester of PG Diploma in Industrial Safety.

7. Smart Manufacturing 18

Eligibility : A candidate who has secured more than 55% or CGPA of 3.5 in the UGC Seven Point scale [36% or Pass marks for SC/ST/Non-creamy layer OBC/SBC] or equivalent in the Bachelor degree in Science or Engineering or Technology shall be eligible for admission to First Semester of PG Diploma in Advanced Smart Manufacturing.

Master of Technology (M.Tech.)

S. N.	Branch	Intake
1.	M. Tech. Structural Engineering (FT)	25
2.	M. Tech. Geo-Technical Engineering (FT)	18
3.	M. Tech. Environmental Science and Engg. (FT)	18
4.	M. Tech. Power Engineering (FT)	18
5.	M.Tech. Soil Mech. and Foundation Engg. (PT)	13
6.	M. Tech. Electronics and Comm. Engg. (FT)	18
7.	M. Tech. Electronics and Comm. Engg.(PT)	13
8.	M. Tech. Production Engineering (PT)	13
9.	M. Tech. Mechanical Engineering (PT)	13
10 .	M. Tech. Production Engg. (FT)	18
11.	M. Tech. Mechanical Engg. (FT)	18
12.	M. Tech. Computer Science and Engg. (FT)	18
13.	M. Tech. Computer Science and IT (FT)	18
14.	M. Tech. Electrical Engineering (PT)	13

Eligibility for M. Tech. Full - Time

Computer Science & Engineering/Information Tech. B.E./ B.Tech. in Computer Science & Engineering /IT.

Electronics & Communication Engineering : B.E./ B.Tech. in Electronics & Communication/ Electronics & Instrumentation/ Applied Electronics/ Instrumentation & Control/ Electrical & Electronics Engineering/ M.Sc. In Physics (With specialization in Electronics).

Environmental Science & Engineering : B.E./ B.Tech. in any branch of Engineering.

Geo Technical Engineering : B.E./ B.Tech. in Civil Engineering.

Structural Engineering : B.E./ B.Tech. in Civil Engineering.

Mechanical Engineering : B.E./ B.Tech. in Mechanical/ Industrial/ Production/ Manufacturing/ Welding/ Material Science/ Metallurgy Engineering.

Production Engineering : B.E./ B.Tech. in Mechanical/ Production/ Manufacturing/ Welding/ Material Science/ Metallurgy Engineering.

ACADEMIC PROGRAMMES

Power Engineering : B.E./ B.Tech. in Electrical/ Electronics & Instrumentation / Applied Electronics/ Instrumentations & Control/ Electrical & Electronics Engineering / Electronics & Electrical Engineering.

Eligibility for M. Tech. Part - Time

Soil Mechanics & Foundation Engineering : B.E./ B.Tech. in Civil Engineering

Mechanical Engineering : B.E./ B.Tech. in Mechanical/ Industrial/Production/ Manufacturing/ Welding/ Material Science/ Metallurgy Engineering.

Production Engineering : B.E./ B.Tech. in Mechanical/ Production/ Manufacturing/ Welding/ Material Science/ Metallurgy Engineering.

Electrical Engineering : B.E./ B.Tech. in Electrical/ Electronics & Instrumentation / Applied Electronics/ Instrumentations & Control/ Electrical & Electronics Engineering.

Electronics & Communication Engineering : B.E./ B.Tech. in Electronics & Communication/ Electronics & Instrumentation/ Applied Electronics/ Instrumentation & Control/ Electrical & Electronics Engineering/ M.Sc. In Physics (with specialization in Electronics).

For updated Information kindly visit I. K. Gujral PTU Website : www.ptu.ac.in

NOTE :

1. Associate Membership of the Institution of Engineers (India) candidates must possess:
 - i. AMIE with atleast 55% marks in aggregate after passing 3 years Diploma in appropriate aforesaid branch of Engineering.
 - ii. At-least 5 years research or professional experience after passing Diploma.
2. Following requirements are to be met as per AICTE / University / College rules for Full-Time Sponsored / Part-Time candidates only.
 - i. The candidates must have a minimum of two years of Full - Time work experience in a registered firm / company / industry / education & research institution / any Govt. Department or Govt. Autonomous organization in the relevant field in which admission is being sought (M. Tech. Part - Time).
 - ii. There will be no age restrictions. However preference shall be given to those who are below 45 years of age.
 - iii. A letter from the employer must be furnished stating that the candidate is being sponsored to get admission. The employer should be able to indicate that the candidate would not withdraw mid-way till the completion of the course for all Part-time candidates & the sponsored Full-Time candidates.
3. **The order of merit for admission will be as follows :**
 - i. GATE qualified candidates in order of GATE score.
 - ii. If any seat is left vacant, the same will be offered to B.Tech. (or, its equivalent) candidates in order of merit / test to be conducted by the institution

FINANCIAL ASSISTANCE

GATE scholarship (as per GATE merit offered by Government of India) will be granted to students who will be admitted to M.Tech. (Full-Time) subject only to the availability from AICTE / MHRD as per rules.

Note :

1. If the student does not complete his/her course in stipulated period then he / she has to pay additional charges of Rs. 2,500 (Rupees two thousand & five hundred only) per semester.
2. Securities can be refunded, but if not claimed within a year after leaving the College, the same shall stand forfeited.

ACADEMIC PROGRAMMES

Master of Business Administration (MBA)

The Institute offers AICTE approved Full-Time two years MBA Programme. (60 Seats)

Eligibility: All those candidates who have passed Bachelors Degree of minimum three year duration in any discipline from a University recognized by the University Grants Commission (UGC) and with valid rank in CMAT shall be eligible to apply for MBA course.

Master of Computer Applications (MCA)

The Institute offers AICTE approved Full-Time/Two years MCA Programme (30 Seats)

Eligibility: All those candidates who have passed bachelor degree of minimum 3 years duration in BCA/ B.Sc. (IT) B.Sc. (CS) or equivalent / B.Voc. with Computer as a major subject and with mathematics at 10+2 level or at graduation level.

or

Bachelor Degree Computer Science & Engineering or equivalent.

or

Any bachelor's degree of minimum three years duration with mathematics at 10+2 level or at graduation level and minimum One year Diploma in Computer Application/ Science / IT or equivalent from any recognized University/ Institution.

General Information

Start of the Academic session 15th September, 2021

College fee will have to be deposited by the students on specific dates notified on College Notice board.

Rules for late payment of College fee for 2nd, 3rd & 4th year students.

1. a) Rs. 1000/- deposit within a week after last date for fee as fine.
b) Rs. 2000/- deposit during 2nd week for fee as fine.
c) Rs. 5000/- deposited during 3rd week after last date for fee as fine.
2. After that name of student will be struck off.
3. Students will be re-admitted only after paying re-admission fee of Rs. 2500/- and fine as per serial no. 1 (c).
4. NCC / NSS Requirement : All the incoming student are required to enroll themselves in the first year for NCC, Sports or NSS. The requirement should be completed in one year. If, however, one is not able to complete this requirement in the first year, he / she must complete it by the end of the 2nd year.
5. The students admitted will be governed by the I. K. Gujral Punjab Technical University / GNDEC Rules & Regulations which can be amended from time to time (Refer PTU website www.ptu.ac.in) & (GNDEC website : www.gndec.ac.in).
6. Absence from any examination for whatever reason, will be considered failure.
7. Sessional work has to be evaluated on day to day basis by the teachers concerned.

Tentative Teaching Schedule and Schedule for Mid Semester Test (MST)

The Academic calander and detail are available at www.gndec.ac.in

Note : All Students are required to be regular in their classes & as per University rules, if a student falls short of 75% of the scheduled lectures, he / she will be detained.

ACADEMIC PROGRAMMES

DISCIPLINE

All students must abide in every respect by the rules of the college. Breaking of rules, misconduct, poor attendance, lack of satisfactory progress in studies will render a student liable to fine, rustication, expulsion or other disciplinary measures & the action taken by the Principal shall be final.

The students are permitted to form & be part of committees or clubs of the college as have been regularly sanctioned by the Principal. These are open to membership regardless of religion, community, caste or creed. Students are prohibited to take part in politics.

A student desiring to leave the college must apply in writing and his / her application must be supported by his/her parent or guardian.

VEHICLE PARKING RULE

The College management has decided that the students who are admitted to this college will not be allowed to bring and park any four wheeler vehicle (cars, jeep etc.) in the college. They are permitted to only bring a two-wheeler vehicle to the college & park in the parking area.

RAGGING

Ragging is strictly prohibited as per All India Council for Technical Education, New Delhi (Notification date 01-07-2009).

In view of the directions of the Hon'ble Supreme Court in SLP No. 24295 of 2006 dated 16-05-2007 & in Civil Appeal number 887 of 2009, dated 08-05-2009 to prohibit, prevent & eliminate the scourge of ragging, AICTE has issued anti ragging guidelines.

Actions to be taken against students for indulging & abetting ragging in Technical Institutions, Universities including Deemed to be University imparting technical education :

1. The punishment to be meted out to the persons indulged in ragging has to be exemplary and justifiably harsh to act as a deterrent against recurrence of such incidents.
2. For every single incident of ragging a First Information Report (FIR) must be filed without exception by the Institutional authorities with the local police authorities.
3. The Anti-ragging committee of the institution shall take an appropriate decision, with regard to punishment or otherwise, depending on the facts of each incident of ragging & nature and gravity of the incident of ragging.
4. a. Depending upon the nature & gravity of the offence as established by competent authority, the possible punishments for those found guilty of ragging at the institution level shall be any one or any combination of the following :
 - i. Cancellation of admission.
 - ii. Suspension from attending classes
 - iii. Withholding / withdrawing scholarship / fellowship and other benefits.
 - iv. Debarring from appearing in any test / examination or other evaluation Process.
 - v. Withholding result.
 - vi. Debarring from representing the institution in any regional, national or international meet, tournament, youth festival etc.
 - vii. Suspension / expulsion from hostel.
 - viii. Rustication from the institution for period ranging from 1 to 4 semesters.

ACADEMIC PROGRAMMES

- ix. Expulsion from the institution and consequent debarring from admission to any other institution.
- x. Collective punishment : When the persons committing or abetting the crime of ragging are not identified, the institution shall resort to collective punishment as a deterrent to ensure community pressure on the potential raggers.
- b. An appeal against the order of punishment by the Anti- ragging Committee shall lie,
 - i. In case of an order of an institution, affiliated to or constituent part, of the University, to the Vice-Chancellor of the University.
 - ii. In case of an order of a University, to its Chancellor.
 - iii. In case of an institution of national importance created by an Act of Parliament, to the Chairman or Chancellor of the institution, as the case may be.

The details could be found out at <http://www.aicte-india.org/anti.html>. The students can download the form available on :http://www.aicte-india.org/downloads/anti_raggingaffidavit.pdf

Note : Anti-ragging affidavit by student and his / her parent / guardian is to be made on a court paper of value at least equal to Rs. 25/-. The wordings of the affidavit are given in Annexure I & II.

DRESS (Workshops)

The college students must conform to the rules regarding the dress to be worn by them while in college. Loose clothes are not allowed to be worn in the workshops. It is essential for the students to wear Light Grey Shirt, Navy Blue Pant or Salwar & Navy Blue Turban or Dupatta as per specimen displayed, while they attend workshops. The prescribed college Blazer (Navy Blue Colour) is required to be used on all formal occasions & may be used other wise.

INSURANCE

All students are covered under the insurance scheme for any untoward eventuality (accidental only).

DOCTOR OF PHILOSOPHY (Ph. D.) PROGRAMME

Guru Nanak Dev Engineering College, Ludhiana offers academic programme leading to the award of Ph.D degree under Autonomous status in the subjects of Engineering and Management. The college offers Ph.D Program in Faculty of Computer Science and Engineering, Mechanical Engineering, Civil Engineering, Electrical Engineering, Electronics and Communication Engineering and in Business Administration.

Eligibility

- (a) Candidates for admission to the PhD programme shall have a Master's degree in the relevant / allied subject or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale or an equivalent degree from a foreign educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions.
- (b) A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, shall be allowed for those belonging to SC / ST / OBC (non-creamy layer) / Differently- abled and other categories of candidates as per the decision of the Commission from time to time, or for those who had obtained their Master's degree prior to 19th September, 1991. The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system

ACADEMIC PROGRAMMES

is followed) and the relaxation of 5% to the categories mentioned above are permissible based only on the qualifying marks without including the grace mark procedures.

- (c) Candidates who have cleared the M.Phil. course work in regular mode with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale and successfully completing the M.Phil. Degree shall be eligible to proceed to do research work leading to the PhD Degree in the same Institution in an integrated programme. A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, shall be allowed for those belonging to SC / ST / OBC (non-creamy layer) / differently-abled and other categories of candidates as per the decision of the Commission from time to time.
- (d) Candidates possessing a Degree considered equivalent to M.Phil. Degree of an Indian Institution, from a Foreign Educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions, shall be eligible for admission to PhD programme.

TEST EXEMPTION CATEGORIES

Candidates, who have already cleared UGC / CSIR / SLET / GATE/ GPAT/ Rajiv Gandhi Fellowship awardees / teacher-fellowship holders / INSPIRE / or candidates who are awarded Fellowships directly or by other funding agencies (ICAR/ICHR/ICMR/DBT/DST), M.Phil. candidates (who have admitted through entrance test and completed M.Phil. degree in regular mode) for the purpose of pursuing Candidates, who have qualified UGC / CSIR / SLET / GATE/ GPAT/ Rajiv Gandhi Fellowship awardees / teacher-fellowship holders / INSPIRE / or candidates who are awarded Fellowships directly or by other funding agencies (ICAR/ICHR/ICMR/DBT/DST), M.Phil. candidates (who have admitted through entrance test and completed M.Phil. degree in regular mode) can join Ph.D program any time throughout the year subject to availability of the Ph.D vacancy and approval of the Supervisor. However, course work allotment will be as per existing Ph.D norms.

ADMISSION

The admission in Ph.D programme will be done through entrance test and interview conducted by IKGPTU (Generally in the month of July and December). Candidates are advised to keep visiting university and college website for the schedule of admission process. The test exempted candidates also need to apply for admission. Only valid score card of all exempted categories will be considered for admission.

SELECTION OF SUPERVISOR/CO-SUPERVISOR

The qualified candidate can seek the consent of any eligible Supervisor from the concerned department, subject to availability of vacant slots with chosen Supervisor and research expertise of chosen Supervisor for pursuing his/her Ph.D. The external supervisors are not allowed. However, Co-Supervisor can be allowed in inter-disciplinary areas from other Departments of the GNDEC Ludhiana or from other related institutions with the approval of the Research Advisory Committee.

COURSE WORK

All candidates admitted to the Ph.D programme shall be required to complete the PhD course work, proposed by the Supervisor keeping in view the candidate's areas of research in the Teaching Department. The pre Ph.D course work will be of 15 credits and shall be offered on regular basis at GNDEC campus.

Eligibility for admission, admission, selection of Supervisor / Co-Supervisor, course work and other guidelines of Ph.D Program are subject to change as per affiliating university from time to time.

For further details, keep visiting: <https://ptu.ac.in/phd/admission/> and <https://gndec.ac.in>

QUALITY IMPROVEMENT PROGRAMME (QIP)

Sponsored by : **ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**

Guru Nanak Dev Engineering College , Ludhiana has been recognized as a minor centre offering admission to Ph.D. Degree programme under QIP in engineering branches of Civil, Mechanical & Electrical. This institute is one of the pioneer institutes in the North Western Region (Punjab, Haryana, Jammu & Kashmir, Himachal Pradesh) of India in promoting Technical Education & Research.

HOW TO APPLY

Candidates have to first submit their complete application online through www.iitg.ac.in/cet/qip.html

Candidates can apply to a maximum of 3 Institutions (QIP Centres) at maximum 2 departments in each of them. The completed application form is to be sent to :

The Principal Co-coordinator, QIP
Centre for Educational Technology
IIT Guwahati, Guwahati-781039
Assam

ELIGIBILITY

Only Full-time Regular / Permanent teachers of AICTE recognized Degree level Engineering Institutes are eligible. However, teachers from Minor QIP centres are eligible to apply to major QIP centres.

REQUIREMENTS FOR ADVANCE ADMISSION TO Ph.D. PROGRAMME

A Master Degree or equivalent in an appropriate branch & other eligibility criteria prescribed by the individual department in the institution in which admission is sought. A minimum teaching experience of 3 years at B. E. / B.Tech. level in an AICTE approved engineering institutions / NITs.

During the one year period of Pre-Ph.D. programme, candidate is required to make maximum of four visits to the institution (where he / she is offered admission) for a total period of sixty days, to decide the area of research, to identify guide & to start preliminary work. The question of final offer for admission will be considered based on the performance of the candidate during the period of advance admission.

SCHOLARSHIP & CONTINGENCY GRANT

Programme	Scholarship Per Month	Contingency Grant P.A.
Ph.D.	Rs. 15,000	Rs. 15,000

SCHOLARSHIP/AWARDS

NAME OF SCHOLARSHIP	DETAILS	AMOUNT
GNDEC Alumni Scholarship (Sponsor: 1992-96 batch of GNDEC)	No. of scholarship per semester: 60 (Approx.) Mode of selection: Individual interview Preference: Needy and meritorious student	Rs. 10000-30000 per semester
UG scholarship (Sponsor: GNDEC/NSET)	Number of Scholarship: 50 per year Mode of Selection: 12th class from NSET and SGPC run schools Preference : Family income 4.5 Lakh per annum or less	Rs. 30000 per year
Post Matric Scholarship for SC students	As per Govt. norms	Tuition Fee and Maintenance Allowance
Post Matric Scholarships Scheme for Minorities	https://scholarships.gov.in/	Rs. 20000/- per year
Merit Cum Means Scholarship For Professional and Technical Courses CS		
Pragati scholarship scheme for girl students (technical degree)	https://scholarships.gov.in/	Rs. 50,000/- per year
SHDF scholarship	www. Nishkam.org Family income upto Rs. 1.80 Lakh per annum Academic Record 60% (without reappear)	Rs 33000/- per year
ONGC Scholarship to Meritorious Students for SC/ST/OBC/General Category	www.ongcscholar.org	Rs. 48000/- per year
Dr. I.S.Rai	Financial position	Rs. 10000 per year
Anand Utsav-85	Star Performer of Stage Previous year result	Rs. 5000 per annum for UG, 7000/-per annum for M.Tech. and Rs. 10000 per annum for Ph.D
Amarjit Singh Pabla AwardFor	Project/Research Work UG,PG and Ph.D candidates	Rs. 5000, 7000, 10,000 per year
S. Raghbir Singh Thind Memorial		Rs. 24000 per year
Alumni Research award Sponsor 1963 batch	Novelty Patentability of idea	As per project report (Max Amount Rs. 1.5 Lakh)
Mangat Family	Girls Students from Rural Area	Rs. 20,000 per year
Nikhil Singal Noble Trust, Ludhiana	Criterion : Financial position and academic record	Rs. 15,000- 20,000 per sem.
Darshana Singal Foundation Scholarship, New Delhi	Do-	Do-

SCHOLARSHIP/AWARDS

PRIZES

NAME	ON THE BASIS OF	AMOUNT	DISCIPLINE
First year (B.Tech)	Academic performance First, Second, Third	Rs. 500, 400, 300	Any
Second year (B.Tech)	Academic performance First, Second, Third	Rs. 750, 500	Any
Third year (B.Tech)	Academic performance First, Second, Third	Rs. 1000, 750 in the form of medal but in case they do not secure honour they will be awarded prize in form of books	Any
Fourth year (B.Tech)	Academic performance First, Second, Third	Rs. 1500, 1000 in the form of medal but in case they do not secure honour they will be awarded prize in form of books	Any

Sports

A ATHLETIC MEET:

1. Best Athlete boy & girl Rs. 3100/- each
2. 2nd Best Athlete boy & girl Rs. 2100/- each
3. College Record breaking award Rs. 600/- each
4. PTU Record breaking award Rs. 600/- each

B. PTU STARS:

Mr. PTU Best Athlete, Best Swimmer, Best Cyclist
Rs. 10,000/- each

- C. National All India/North Zone medal winners Rs. 10,000/each

- D. International medal winner will be given 21,000/- each

E. Other Scholarship :-

1. PRINCIPAL S. TARA SINGH SCHOLARSHIP:

1000/- cash award is awarded to the BEST ATHLETE (Boy) since 1967

2. Er. MUKHPAL SINGH SCHOLARSHIP:

1000/- cash award is awarded to the BEST ATHLETE (Girl) since 1994

3. PROF. SADHU SINGH SIDHU SCHOLARSHIP:

Interest of Rs. 10,000/- cash award is awarded to the 2nd BEST ATHLETE (Boy & Girl).

4. PROF. SURINDER SINGH SIDHU SCHOLARSHIP:

Interest of Rs. 25,000/- cash award is awarded to the **(Best Attacker, Best Defender & Best Midfielder)** of College Football Team, if team gets either of the first three positions in PTU Inter College Men Football Tournament.

5. ER. CHITWANT SINGH AWARDS :

(a) College record Breaking Award :

Rs. 300/- cash award is given to an athlete who sets new record in college athletic meet events. This award is subjected to maximum expenditure of Rs. 2000/-.

(b) PTU Best Athletic Award :

Rs. 1500/- cash award is given to an athlete who is declared **PTU BEST ATHLETE**. This award is to be shared equally among all claimants.

(c) PTU Record-Breaker Award :

Rs. 500/- cash award is given to an athlete who sets new record in Athlete events at PTU Athletic Meet. This award to be shared equally among all claimants.

(d) PTU Captain Award :

Rs. 1000/- cash award is given an athlete who becomes **PTU TEAM CAPTAIN**. This award is to be shared equally among all claimants.

(e) Inter-versity Participation Award:

Rs. 1500/- cash award is given to all players of different games who represent PTU in Inter University Games. This award is to be shared equally among all claimants.

(f) Inter-University Position Holder Award :

Rs. 1500/- cash award is given athlete who secures first three positions in Inter-University Games approved by AIU. This award is to be shared equally among all claimants.

(g) National Position Holder Award :

Rs. 2000/- cash award is given to position holder athlete at Open National Level Tournaments approved by IOC. This award is to be shared equally among all claimants.

6. S. RESHAM SINGH SCHOLARSHIP :

Rs.700/- cash is awarded to Best Athletes (Boy & Girl) of the interest Rs. 10,000/-

7. Dr. I.S. Rai

Rs. 5,000 per year awarded to Good Athlete/ Sportsperson.

FEE STRUCTURE

Fee Structure 2021-2022

NAME OF COURSE	1 st SEMESTER**	2 nd SEMESTER
B.Tech* MBA, MCA	Rs. 54,839	Rs. 43,850
B.Tech [#] (Lateral Entry)	Rs. 54,839	Rs. 43,850
B. Architecture	Rs. 53,639	Rs. 42,650
Bachelor in Computer Application (BCA)	Rs. 28,769	Rs. 20,481
Bachelor in Computer Application (BCA) (Lateral Entry)	Rs. 32,550	Rs. 16,700
Bachelor of Business Administrations (BBA)	Rs. 28,769	Rs. 20,481
PG (Diploma)	Rs. 43,000	Rs. 33,000
Six Months Certificate Course	Rs. 33,000	
M. Tech* (Full-Time)	Rs. 52,324	Rs. 31,250
M.Tech (Part-Time)	Rs. 37,124	Rs. 17,450

HOSTEL FEE

CATEGORY BOYS / GIRLS	GIRLS HOSTEL FEE B.Tech./B.Arch., BCA & BBA (1 st Year)	BOYS HOSTEL FEE B.Tech./B.Arch., BCA & BBA (1 st Year)	MBA, M.TECH., MCA & Ph.D. (Girls & Boys)	B. TECH. (Lateral Entry [#]) (Girls & Boys)
**Payable Fee For 1 st Sem.	Rs. 12,113	Rs. 14,477	Rs. 12,963	Rs. 11,908
Payable Fee For 2 nd Sem.	Rs. 10,113	Rs. 12,477	Rs. 10,963	Rs. 9,908

NOTE :

*Hostel Fee will not be refunded in any case.

*Disbursement of post matric scholarship for SC/ST (Punjab) students as per memo No/TE/1443-1473/scholarship dated : 27/7/2018 of Director, Department of Technical Education and Industrial Training, Government of Punjab, India and Notification No. 3/26/2020-SA1, 2057 dt. 27 Oct. 2020 of Department of Social Justice, Empowerment and minorities.

*As per MHRD (UGC) Notification F. No. 1/1/2012 dated 12 February 2018

*As per report of National Fee Committee constituted by AICTE 7 April, 2015

[#]Fee for 3rd and 4th semesters

**Including Refundable Security



EXAMINATION BRANCH

Being an autonomous institute, continuous efforts have been made to introduce the radical reforms in examination & assessment system for evolving a credible, valid, effective, and transparent system. To facilitate easy interface for exchange of information, following reforms have been implemented :

- Online mode of examination form filling that will help in generating student summary & admit cards to optimize time and eliminate errors.
- Create question banks for various subjects & courses to facilitate random selection of question papers.
- Create a transparent & effective complaint redressal system for prompt response & delivery of student queries / complaints.
- Respect autonomy, promote excellence & inclusiveness.

STRUCTURE OF EXAMINATION BRANCH

Examination Branch is headed by the Controller of Examinations (COE), who is responsible for the overall supervision of final Examination.

The COE is assisted by the following coordinators :

- Deputy Controller (Conduct)
- Deputy Controller (Q/P Setting and Printing)
- Deputy Controller (Evaluation)
- Deputy Controller (Decoding & Result)
- Assistant Registrar
- Department Exam Coordinator

For the smooth conduct of complete examination process an inhouse software has been developed

- Examination portal for the student <https://academics.gndec.ac.in>
- Examination portal for staff <https://exam.gndec.ac.in>

DEPARTMENT OF CIVIL ENGINEERING



- The Department offers academic programs leading to the award of degree in
- B.Tech. in Civil Engineering.
 - M.Tech. (Full- Time) in Structural Engineering, Geotechnical Engineering, Environmental Science & Engineering.
 - M.Tech. (Part-Time) in Soil Mechanics & Foundation Engineering.
 - Doctor of Philosophy.

HEAD OF DEPARTMENT

Dr. H.S. Rai

Ph.D., IIT, Roorkee

M.E. (Structural Engg.), TIET, Patiala

B.E. (Civil Engg.), TIET, Patiala



CIVIL ENGG. DEPARTMENT

FACULTY

Dr. H.S. Rai	Ph.D., IIT, Roorkee M.E. (Structural Engg.), TIET, Patiala B.E. (Civil Engg.), TIET, Patiala	Professor & Head
Dr. Harpal Singh	Ph.D., TIET, Patiala M.E. (Structural Engg.), TIET, Patiala B.E. (Civil Engg.), PU, Chandigarh	Professor
Dr. Harvinder Singh	Ph.D., TU, Patiala M.E. (Structural Engg.), TU, Patiala B.E. (Civil Engg.), PU, Chandigarh	Professor
Dr. Jagbir Singh	Ph.D., PAU, Ludhiana M.Tech. (Structural Engg.), PAU, Ludhiana B.E. (Civil Engg.), MBMEC, Jodhpur	Professor
Dr. Gurdeepak Singh	Ph.D., IKGPTU, Jalandhar M.E. (Soil Mechanics & Foundation Engg.) IKGPTU, Jalandhar B.E. (Civil Engg. Hons.), PU, Chandigarh	Associate Professor
Dr. Puneet Pal Singh Cheema	Ph.D., TIET, Patiala M.Tech. (Environmental Sci. & Engg.), PEC, Chandigarh B.Tech. (Civil Engg.), PTU, Jalandhar	Assistant Professor
Dr. Prashant Garg	Ph.D., IKGPTU, Jalandhar M.Tech. (Highway Engg.), PU, Chandigarh B.Tech. (Civil Engg.), IIT, Roorkee	Assistant Professor
Dr. Inderpreet Kaur	Ph.D., IKGPTU, Jalandhar M.Tech. (Structural Engg.), TIET, Patiala B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Pradeep Singh Joia	Ph.D*. (Geo Tech. Engg.), IKGPTU, Jalandhar M.Tech. (Geo Tech. Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Gurbuneet Singh	M. Tech. (CT & M.), PU, Chandigarh B.Tech. (Civil Engg.), GU, Gulbarga	Assistant Professor
Er. Pritpal Kaur	M.Tech. (Structural Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor

*Pursuing

CIVIL ENGG. DEPARTMENT

Er. Amandeep Singh	M.Tech. (Soil Mechanics & Foundation Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Charnjeet Singh	M.Tech. (Soil Mechanics & Foundation Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Bhupinder Singh Walia	M.Tech. (Structural Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Sukhwinder Singh	M.Tech. (Structural Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Mandeep Kaur	Ph.D*. (Structural Engg.), IKGPTU, Jalandhar M.Tech. (Structural Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Yuvraj Singh	Ph.D*. (Structural Engg.), IKGPTU, Jalandhar M.Tech. (Structural Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Prabhjot Singh	Ph.D*. (Structural Engg.), IKGPTU, Jalandhar M.Tech. (Structural Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Gagandeep Kaur Grewal	M.Tech. (Geo Tech. Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Ajit pal Singh	M.Tech. (Structural Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Sandeep Kaur	M.Tech. (Hydrology & Water Resources), PAU, Ludhiana B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Tanpreet Singh	M.Tech. (Structural Engg.), PAU, Ludhiana B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Dr. Heena Malhotra	Ph.D. (Civil Engg.), PEC, Chandigarh M.Tech. (Geo-Tech. Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor

*Pursuing

CIVIL ENGG. DEPARTMENT

Er. Manvinder Kingra	M.Tech. (Structural Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Sukhwinderpal Singh	M.Tech. (Env. Sci.& Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Balihar Singh	M.Tech. (Env. Sci. & Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Kapurthala	Assistant Professor
Er. Avneet Kaur	M.Tech. (Env. Sci. & Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Navneet Singh	M.Tech. (Structural Engg.), IKGPTU, Jalandhar B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Savleen Takkar	M.Tech. (Structural Engg.), TIET, Patiala B.Tech. (Civil Engg.), IKGPTU, Jalandhar	Assistant Professor
Er. Pushpinder Singh	M.Tech. (Transportation Engg.), PEC, Chandigarh B.Tech. (Civil Engg.), PU, Patiala	Assistant Professor

LABORATORIES

The Department has following well equipped laboratories apart from Departmental Library :

1. Concrete Lab
2. Environmental Engineering Lab
3. Geology & Model Lab
4. Geotechnical Engg. Lab
5. Strength of Material Lab
6. Transportation Engineering Lab
7. Computational Lab
8. Heavy Testing Lab
9. Survey Lab
10. Advance Computational Lab



***Pursuing**

DEPARTMENT OF **MECHANICAL & PRODUCTION ENGINEERING**



The Department offers academic programs leading to the award of degree in

- B.Tech. in Mechanical Engineering.
- B.Tech. in Mechanical Engineering (Production)
- M.Tech. (Full Time) Mechanical Engineering.
- M.Tech. (Full Time) Production Engineering.
- M.Tech. (Part Time) Mechanical Engineering.
- M.Tech. (Part Time) Production Engineering.
- Doctor of Philosophy.



HEAD OF DEPARTMENT

Dr. JASMANINDER SINGH GREWAL

Ph.D., (Mech. Engg.), IKGPTU, Jalandhar

M.E. (Mech. Engg.), PU, Chandigarh

B.E. (Mech. Engg.), PU, Chandigarh

MECHANICAL & PRODUCTION ENGG. DEPARTMENT

FACULTY

Dr. Sehijpal Singh	Ph.D., IIT, Roorkee M.E. (Mech. Engg.), PU, Chandigarh B.E. (Mech. Engg.), PU, Chandigarh	Principal
Dr. Jasmaninder Singh Grewal	Ph.D., (Mech. Engg.), IKGPTU, Jalandhar M.E. (Mech. Engg.), PU, Chandigarh B.E. (Mech. Engg.), PU, Chandigarh	Professor & Head
Dr. Parmjit Singh Bilga	Ph.D., IIT, Delhi M.Tech. (Energy Studies), IIT, Delhi B.E. (Mech. Engg.), PU, Chandigarh	Professor
Dr. Harwinder Singh	Ph.D., PU, Patiala M.Tech. (Mech. Engg.), PTU, Jalandhar MBA (OM), IGNOU, New Delhi B.Tech. (Mech. Engg.), PU, Patiala	Professor
Dr. Rupinder Singh**	Ph.D., TIET, Patiala M.Tech. (Prod. Engg.), PTU, Jalandhar B.Tech. (Prod. Engg.) with Hons., PTU, Jalandhar	Professor
Dr. Jatinder Kapoor	Ph.D., PU, Patiala M.Tech. (Mech. Engg.), PTU, Jalandhar B.Tech. (Prod. Engg.), AU, Amravati	Professor
Dr. Harmeet Singh	Ph.D., IIT, Roorkee M.E. (Mech. Engg.), PU, Chandigarh B.E. (Mech. Engg.), PTU, Jalandhar	Professor
Er. Balwinder Singh	B.Sc. (Mech. Engg.), PU, Chandigarh	Associate Professor
Er. Deepinder Singh	Ph.D*, IKGPTU, Jalandhar M.Tech. (Indl. Engg.), PTU, Jalandhar B.Tech. (Mech. Engg.), PU, Patiala	Associate Professor
Dr. Harpuneet Singh	Ph.D., PU, Patiala M.E. (Indl. Engg.), TIET, Patiala B.Tech. (Prod. Engg.), PTU, Jalandhar	Assistant Professor
Er. D.S. Bhogal	M.Tech. (Mech. Engg.), NIT, Jalandhar B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Gurmeet Kaur	M.Tech. (Mech. Engg.), PTU, Jalandhar B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Prem Singh	Ph.D*, PU, Patiala M.Tech. (Thermal Engg.), PAU, Ludhiana B.E. (Mech. Engg.), PU, Chandigarh	Assistant Professor

MECHANICAL & PRODUCTION ENGG. DEPARTMENT

Dr. Jagdeep Singh	Ph.D. (Mech. Engg.) IKGPTU, Jalandhar M.Tech. (Indl. Engg.), PTU, Jalandhar B.Tech. (Prod. Engg.), PTU, Jalandhar	Assistant Professor
Er. Satjot Singh Dhillon	Ph.D*, IKGPTU, Jalandhar M.Tech. (Prod. Engg.), PTU, Jalandhar B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Shehbaaz Singh Brar	Ph.D*, IKGPTU, Jalandhar M.Tech. (Prod. Engg.), PTU, Jalandhar B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Jaswinder Singh	Ph.D*, IKGPTU, Jalandhar M.Tech. (Prod. Engg.), PTU, Jalandhar B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Dr. Chatwant Singh Pandher	Ph.D. (Mech. Engg.), IKGPTU, Jalandhar M.Tech. (Prod. Engg.), PTU, Jalandhar B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Jagjit Kaur	Ph.D*, PU, Patiala M.Tech. (Energy. Engg.), PTU, Jalandhar B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Dr. Bhupinder Singh Dhillon	Ph.D. (Mech. Engg.), SLIET, Longowal M.Tech. (Prod. Engg.), PTU, Jalandhar B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Dr. Amrinder Singh Pannu	Ph.D. (Mech. Engg.), IKGPTU, Jalandhar M.Tech. (Prod. Engg.), PTU, Jalandhar B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Jasvir Singh	M.Tech. (Industrial Engg.), PTU, Jalandhar B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Gurwant Singh Gill	M.Tech. (Indl. Engg.), PTU, Jalandhar B. Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Kanwalpreet Sahni	Ph.D* (Mech. Engg.), IKG PTU, Jalandhar M.Tech. (Prod. Engg.), PTU, Jalandhar B.Tech. (Prod. Engg.), PTU, Jalandhar	Assistant Professor
Er. Arshpreet Kaur	Ph.D* (Mech. Engg.), PU, Patiala M.Tech. (Prod. Engg.) with Distinction IKGPTU, Jalandhar B.Tech. (Prod. Engg.), PTU, Jalandhar	Assistant Professor

*Pursuing

MECHANICAL & PRODUCTION ENGG. DEPARTMENT

Er. Jatinder Pal	Ph.D*, TU, Patiala M.Tech. (Prod. Engg.), PTU, Jalandhar B.E. (Mech. Engg.), PU, Chandigarh	Assistant Professor
Er. Rupinder Singh	Ph.D*, IKGPTU, Jalandhar M.Tech. (Prod. Engg.), PTU, Jalandhar B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Chamkaur Jindal	Ph.D*, IKGPTU, Jalandhar M.Tech. (Mech. Engg.), PU, Patiala B.Tech. (Mech. Engg.), PU, Patiala	Assistant Professor
Er. Harnam Singh Farwaha	Ph.D*, PU, Patiala M.Tech. (Prod. Engg.), PTU, Jalandhar B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Deepak Dhand	Ph.D*, PU, Patiala M.Tech. (Prod. Engg.), PTU, Jalandhar B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Gulvir Singh	Ph.D*, SLIET, Longowal M.Tech. (Prod. Engg.), PTU, Jalandhar B.E. (Mech. Engg.), PU, Chandigarh	Assistant Professor
Er. Pushpinder Singh	M.Tech. (Machine Design), PEC, Chandigarh B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Gurpreet Singh	Ph.D*, IKGPTU, Jalandhar M.Tech. (Prod.. Engg.), PTU, Jalandhar B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Ardamanbir Singh Sidhu	Ph.D*, IKGPTU, Jalandhar M.Tech. (Prod.. Engg.), TU, Jalandhar B.E. (Mech. Engg.), PU, Chandigarh	Assistant Professor
Er. Lakhveer Singh Khana	Ph.D*, PU, Patiala M.Tech. (Welding Technology), SLIET, Longowal B. Tech. (Mech. Engg.), PU, Patiala	Assistant Professor
Er. Manjot Singh Bedi	Ph.D*. (Mech. Engg.), PU, Patiala M.Tech. (Prod. Engg.), IKGPTU, Jalandhar B.Tech. (Prod. Engg.), PTU, Jalandhar	Assistant Professor
Er. Sukhinderpal Singh	M.Tech. (Prod. Engg.), PTU, Jalandhar B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Satwant Singh	Ph.D*, IKGPTU, Jalandhar M.Tech. (Metallurgy), PEC, Chandigarh B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor

MECHANICAL & PRODUCTION ENGG. DEPARTMENT

Er. Manmohan Singh	M.Tech. (Mech. Engg.), PU, Patiala B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Sukhjeet Singh	M.Tech. (Industrial Engg.), PTU, Jalandhar B. Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Manpreet Singh	Ph.D*, PU, Patiala M.Tech. (Mech. Engg.), PU, Patiala B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Er. Gulraj Singh	Ph.D*. (Mech. Engg.), NIT, Uttarakhand (Gold Medalist) M.Tech. (Mech. Engg.), PTU, Jalandhar B.Tech. (Prod. Engg.), PTU, Jalandhar	Assistant Professor
Er. Ramandeep Singh Sidhu	Ph.D*, GKU, Talwandi Sabo M.Tech. (Mech. Engg.), PTU, Jalandhar B.Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor
Dr. Raman Kumar	Ph.D. (Mech. Engg.), IKGPTU, Jalandhar M. Tech. (Prod. Engg.), PTU, Jalandhar B. Tech. (Mech. Engg.), PTU, Jalandhar	Assistant Professor

ADJUNCT FACULTY

Er. Bhupinder Singh	B.E. (Mech Engg.), PU, Chandigarh	Assistant Professor
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LABORATORIES

- Hydraulic Machines Lab
- Fluid Mechanics Lab
- Heat Engine & RAC Lab
- Heat Transfer Lab
- Mechanical Measurement & Metrology Lab
- Metallurgy and Heat Treatment Lab
- Industrial Engineering Lab
- Machine Tools & Machine Science Lab
- Industrial Automation & Robotics Lab
- Metal Forming Lab
- Computer Graphics Lab
- Manufacturing Research Lab
- Computational Lab
- Dynamics of Machines Lab
- CAD & Simulation Lab
- Project Lab
- Pump Testing Lab
- Department Computer Centre & Deptt. Library

*Pursuing

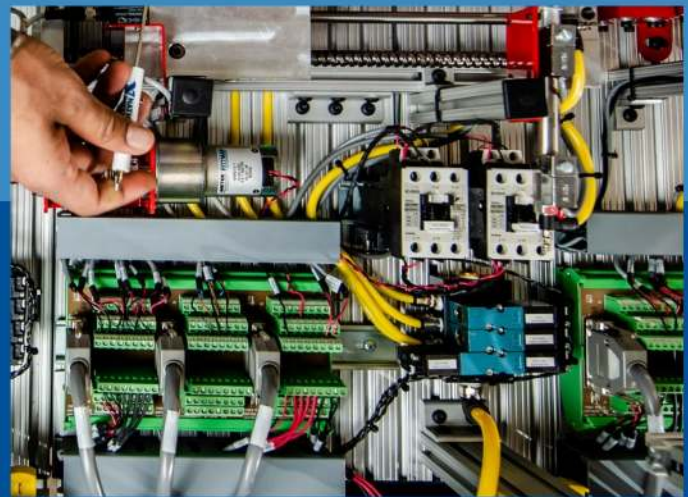
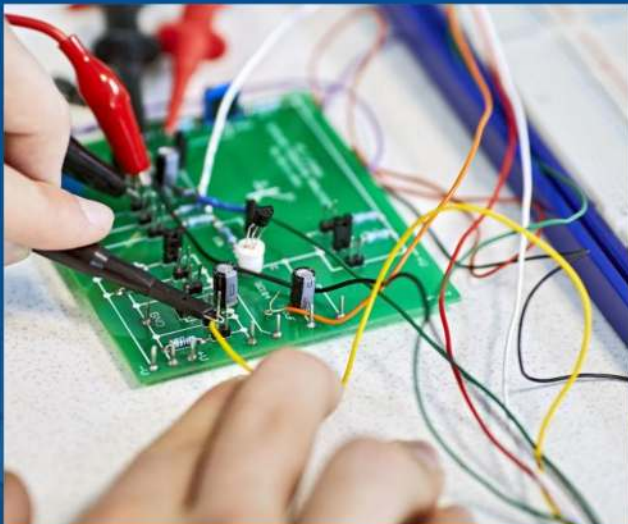


DEPARTMENT OF **ELECTRICAL ENGINEERING**



The Department offers academic programs leading to the award of degree in

- B.Tech. in Electrical Engineering.
- M.Tech. (Full Time) Power Engineering.
- M.Tech. (Part Time) Electrical Engineering.
- Doctor of Philosophy



HEAD OF DEPARTMENT
DR. KANWARDEEP SINGH

Ph.D., IIT, Roorkee
M.Tech. (Power System), KU, Kurukshetra
B.E. (Elect. Engg.), PU, Patiala

ELECTRICAL ENGG. DEPARTMENT

FACULTY

Dr. Kanwardeep Singh	Ph.D., IIT, Roorkee M.Tech. (Power System), KU, Kurukshetra B.E. (Elect. Engg.), PU, Patiala	Associate Professor & Head
Er. Preetinder Singh	M.Tech. (Elect. Engg.), PTU, Jalandhar B.E. (Elect. Engg.), PU, Chandigarh	Associate Professor
Er. Rupinderjit Singh	M.Tech. (Elect. Engg.), PTU, Jalandhar B.E. (Elect. Engg.), PU, Chandigarh	Associate Professor
Er. Gagandeep Singh Sodhi	M.Tech. (Instru. Engg.), PAU, Ludhiana B.Tech. (Elect. & Electro. Engg.), GU, Gulbarga	Assistant Professor
Dr. Navneet Singh Bhangu	Ph.D., NIT, Kurukshetra M.Tech. (Power Engg.), IKGPTU, Jalandhar B.E. (Elect. Engg.), PU, Chandigarh	Assistant Professor
Er. Harmeet Singh Gill	M.Tech. (Power Engg.), PTU, Jalandhar B.Tech. (Elect. Engg.), PTU, Jalandhar	Assistant Professor
Dr. Arvind Dhingra	Ph.D., NIT, Kurukshetra M.Tech. (Elect. Engg.), PTU, Jalandhar MBA (Marketing), IGNOU, New Delhi B.E. (Elect. Engg.), MNIT, Jaipur	Assistant Professor
Er. Ravinder Kaur Randhawa	M.Tech. (Elect. Engg.), PTU, Jalandhar B.E. (Elect. Engg.), PU, Chandigarh	Assistant Professor
Er. Shivani Arora Abrol	Ph.D*, (Elect. Engg.), LPU, Jalandhar M.Tech. (Elect. Engg.), PTU, Jalandhar B.Tech. (Elect. Engg.), PTU, Jalandhar	Assistant Professor
Er. Samreet Kaur Gosal	M.Tech. (Control Systems), PEC, Chandigarh B.Tech. (Elect. Engg.), PTU, Jalandhar	Assistant Professor
Er. Baljeet Singh	M.Tech. (Power Engg.), PTU, Jalandhar B.Tech. (Elect. Engg.), PTU, Jalandhar	Assistant Professor
Er. Amandeep Singh Ghatora	M.E. (Power Systems), TU, Patiala B.E. (Elect. & Elctro. Engg.), PU, Chandigarh	Assistant Professor
Er. Kuldeep Singh Kooner	M.E. (Power System & Electrical Drives.), TU, Patiala B.Tech. (Elect. Engg.), PTU, Jalandhar	Assistant Professor

***Pursuing**

ELECTRICAL ENGG. DEPARTMENT

Er. Gagandeep Kaur Gill	M.Tech. (Power Engg.), PTU, Jalandhar B.Tech. (Elect. Engg.), PTU, Jalandhar	Assistant Professor
Er. Bhawna	M.Tech. (Power Engg.), PTU, Jalandhar B.Tech. (Elect. Engg.), PTU, Jalandhar	Assistant Professor
Er. Karanbir Singh	M.Tech. (Elect. Engg.), PEC, Chandigarh B.Tech. (Elect. Engg.), PTU, Jalandhar	Assistant Professor
Er. Arshdeep Kaur	M.Tech. (Power Engg.), PTU, Jalandhar B.Tech. (Elect. Engg.), PTU, Jalandhar	Assistant Professor
Er. Amrinder Kaur Gill	M.Tech. (Power Engg.), PTU, Jalandhar B.Tech. (Elect. Engg.), PTU, Jalandhar	Assistant Professor
Er. Swapandeep Kaur	M.Tech. (Power Engg.), PTU, Jalandhar B.Tech. (Elect. Engg.), PTU, Jalandhar	Assistant Professor
Er. Puneet	M.Tech. (Power Engg.), PTU, Kapurthala B.Tech. (Elect. Engg.), PTU, Kapurthala	Assistant Professor

LABORATORIES

The department has the following well equipped laboratories apart from Departmental library :

1. Electrical Machines Lab
2. Electrical Drives Lab
3. Power Electronics Lab
4. Advance Measurement Lab
5. Basic Electrical Engineering Lab
6. Computational Lab
7. High Voltage Lab
8. Electrical Measurement Lab
9. Power System Lab
10. Applied Electrical / Digital Electronics Lab/ Micro controller & PLC Lab.
11. Simulation & Research Lab
12. Non-Conventional Energy Resources Lab

***Pursuing**

DEPARTMENT OF **ELECTRONICS & COMMUNICATION ENGINEERING**



The Department offers academic programs leading to the award of degree in

- B.Tech. in Electronics & Communication Engg.
- M.Tech. (Full Time) Electronics & Communication Engg.
- M.Tech. (Part Time) Electronics & Communication Engg.
- Doctor of Philosophy

HEAD OF DEPARTMENT

Er. AMEETA SEEHRA

M.Tech. (ECE), REC, Kurukshetra

B.E. (ECE), PU, Chandigarh

ELECTRONICS & COMM. ENGG.

FACULTY

Er. Ameeta Seehra	M.Tech. (ECE), REC, Kurukshetra B.E. (ECE), PU, Chandigarh	Associate Professor & Head
Dr. Sandeep Singh Gill**	Ph.D., NIT, Hamirpur MBA, PAU, Ludhiana M.Tech. (ECE), PTU, Jalandhar B.E. (ECE), PU, Chandigarh	Professor
Dr. Narwant Singh Grewal	Ph.D., IKGPTU, Jalandhar M. Tech. (ECE), PTU, Jalandhar B. Tech. (ECE), PTU, Jalandhar	Assistant Professor
Dr. Balwinder Singh Dhaliwal**	Ph.D., IKGPTU, Jalandhar M.Tech. (ECE), PTU, Jalandhar B.E. (ECE), PTU, Jalandhar	Assistant Professor
Dr. Munish Rattan	Ph.D., PU, Patiala M.E. (ECE), PU, Chandigarh B. Tech. (ECE), PTU, Jalandhar	Assistant Professor
Dr. Baljeet Kaur	Ph.D., NIT, Hamirpur M.E. (ECE), BIT, Ranchi B.E. (ETE), Pt. RSU, Raipur	Assistant Professor
Er. Harminder Kaur	Ph.D*. (Comm. System), PU, Patiala M.Tech. (Comm. System), GNDU, Amritsar B.Tech. (ECE), IKGPTU, Jalandhar	Assistant Professor
Er. Gurjot Kaur Walia	Ph.D*. (Image Processing), IKGPTU, Jalandhar M.Tech. (ECE), PTU, Jalandhar B.Tech. (ECE), PTU, Jalandhar	Assistant Professor
Dr. Navneet Kaur	Ph.D., IKGPTU, Jalandhar M.Tech. (ECE), PTU, Jalandhar B.Tech. (ECE), PTU, Jalandhar	Assistant Professor
Er. Gurpurneet Kaur	Ph.D*. (VLSI Design & SRAM Memories) IKGPTU, Jalandhar M.Tech. (ECE), PTU, Jalandhar B.Tech. (ECE), PTU, Jalandhar	Assistant Professor
Er. Chahat Jain	Ph.D*. (Antenna Design), IKGPTU, Jalandhar M.Tech. (ECE), PTU, Jalandhar B.Tech. (ECE), PTU, Jalandhar	Assistant Professor
Er. Kuldeepak Singh	M.Tech. (ECE), PU, Patiala B.Tech. (ECE), PTU, Jalandhar	Assistant Professor

*Pursuing

**on lien

ELECTRONICS & COMM. ENGG.

Er. Harminder Kaur D/o S. Avtar Singh	M.Tech. (Comm. System), GNDU, Amritsar B.Tech. (ECE), PTU, Jalandhar	Assistant Professor
Er. Daljit Singh	M.Tech. (ECE), PTU, Jalandhar B.Tech. (ECE), PTU, Jalandhar	Assistant Professor
Er. Simranjit Kaur	M.Tech. (ECE), PTU, Jalandhar B.Tech. (ECE), PTU, Jalandhar	Assistant Professor
Er. Preeti Pannu	Ph.D*. (UWB MIMO Antenna's), SRM, Tamil Nadu M.Tech. (Digital Comm. Engg.), IPU, Delhi B.Tech. (ECE), PTU, Jalandhar	Assistant Professor
Dr. Shivmanmeet Singh	Ph.D. (Comm. System), IKGPTU, Jalandhar M.Tech. (ECE), PTU, Jalandhar B.Tech. (ECE), PTU, Jalandhar	Assistant Professor
Er. Gurinder Singh	M.Tech. (ECE.), PTU, Jalandhar B.Tech. (ECE), PTU, Jalandhar	Assistant Professor
Dr. Harsimranjit Singh Gill	Ph.D. (ECE), IKGPTU, Jalandhar M.Tech. (ECE), PTU, Jalandhar B.Tech. (ECE), PTU, Jalandhar	Assistant Professor
Er. Harleen Kaur	M.Tech. (ECE), PTU, Jalandhar B.Tech. (ECE), PTU, Jalandhar	Assistant Professor
Er. Ravneet Kaur Gill	M.Tech. (ECE), PTU, Jalandhar B.Tech. (ECE), PTU, Jalandhar	Assistant Professor

ADJUNCT FACULTY

Dr. Kanav Kahol	Ph.D. (CSE), ASU, Arizona, USA M.S. (Computer Science), ASU, Arizona, USA B.E. (ECE), PU, Chandigarh	Professor
Dr. Gurjit Singh Walia	Ph.D (ECE), DTU, Delhi M.E. (Electronics Engg.), PEC, Chandigarh B.E. (Electronics & Electrical Engg.), PU, Chandigarh	Professor

LABORATORIES

The Department has the following well furnished and well equipped laboratories having the latest software and hardware apart from departmental library :

1. Communication Engg. Lab
2. Electronic Devices and Circuits Lab
3. Microprocessor Lab
4. Micro-Wave Engg. Lab
5. Fibre Optics and Research Lab
6. EDA Lab.
7. Project Lab
8. Computational Lab
9. Videocon Telecom Sponsored Advanced
10. Texas Instruments Innovation Centre Communication Lab

***Pursuing**



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



The Department offers academic programs leading to the award of degree in

- B.Tech. in Computer Sci. & Engg.
- M.Tech. (Full Time) Computer Sci. & Engg.
- Doctor of Philosophy

HEAD OF DEPARTMENT

Dr. PARMINDER SINGH

Ph.D. (CSE), PU, Patiala

M.Tech. (CSE), PU, Patiala

B.Tech. (CSE) PTU, Jalandhar

COMPUTER SCIENCE & ENGG.

FACULTY

Dr. Parminder Singh	Ph.D. (CSE), PU, Patiala M.Tech. (CSE), PU, Patiala B.Tech. (CSE), PTU, Jalandhar	Professor & Head
Er. Amanpreet Singh Brar	M.Tech. (CSE), TIET, Patiala B.Tech. (CSE), PTU, Jalandhar	Associate Professor
Er. Jasbir Singh Saini	M.Tech. (IT), PU, Patiala B.Tech. (CSE), SLIET, Longowal	Associate Professor
Er. Amandeep Kaur Sohal	Ph.D*. (CSE), Dr. BRANIT, Jalandhar M.Tech. (CSE), PU, Patiala B.E. (EE), PTU, Jalandhar	Assistant Professor
Dr. Sumeet Kaur Sehra	Ph.D., IKGPTU, Jalandhar M.Tech. (CSE), PAU, Ludhiana B.Tech. (ECE), PTU, Jalandhar	Assistant Professor
Dr. Vivek Thapar	Ph.D., IKGPTU, Jalandhar M.Tech. (IT), PU, Patiala B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Manjot Kaur Gill	Ph.D*, PU, Patiala M.Tech. (CSE), PTU, Jalandhar B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Gurjit Kaur	Ph.D*, DBU, Fatehgarh Sahib M.Tech. (CSE), PTU, Jalandhar B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Priyanka Arora	Ph.D*, IKGPTU, Jalandhar M.E. (CSE), PU, Chandigarh B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Dr. Daljeet Singh	Ph.D. (CSE), DBU, Fatehgarh Sahib M.Tech. (CSE), PTU, Jalandhar B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Mandeep Kaur	M.Tech. (CSE), PU, Patiala B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Kamaldeep Kaur	Ph.D*, IKGPTU, Jalandhar M.E. (CSE), PU, Chandigarh B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Dr. Inderjit Singh	Ph.D. (CS), DBU, Fatehgarh Sahib M.Tech. (IT), PTU, Jalandhar MCA, PTU, Jalandhar	Assistant Professor
Er. Manpreet Kaur Mand	M.Tech. (CSE), PAU, Ludhiana B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Diana Nagpal	M.Tech. (CSE), GNDU, Amritsar B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Satinderpal Singh	M.Tech. (CSE), SGGSWU, Fatehgarh Sahib B.Tech. (CSE), PTU, Jalandhar	Assistant Professor

COMPUTER SCIENCE & ENGG.

Er. Shailja	M.Tech. (CSE) , MMU, Ambala B.Tech. (CE), KU, Kurukshetra	Assistant Professor
Er. Jasdeep Kaur	M.Tech. (CSE), PTU, Jalandhar B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Supreet Kaur	Ph.D*, PU, Patiala M.Tech. (CSE), PU, Patiala B.Tech. (CE), PU, Patiala	Assistant Professor
Er. Hardeep Singh Kang	Ph.D*, IKGPTU, Jalandhar M.Tech. (CSE), PTU, Jalandhar B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Jasmine Kaur	M.Tech. (CSE), PTU, Jalandhar B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Kapil Sharma	M.Tech. (CSE), LPU, Phagwara B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Goldendeep Kaur	M.Tech. (CSE), GNDU, Amritsar B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Kuljit Kaur	M.Tech.(CE), PU, Patiala B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Palak Rehan	M.Tech.(CE), PU, Chandigarh B.Tech. (CSE), PU, Chandigarh	Assistant Professor
Er. Harkomalpreet Kaur	M.Tech. (CE), GGU, Talwandi Sabo B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Priti Aggarwal	M.Tech. (CSE), PTU, Jalandhar B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Jaswant Singh	M.Tech. (CSE), PTU, Jalandhar B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Dr. Amit Jain	Ph.D., (CSE), JJTU, Rajasthan M.Tech. (CSE), PU, Patiala B.Tech. (CSE), PTU, Jalandhar	Assistant Professor

ADJUNCT FACULTY

Dr. Sarabjot Singh Anand	Ph.D., UU, Northern Ireland M.Sc. (Engg Computation), QUB, Northern Ireland.	Professor
Dr. Dinesh Grover	Ph.D., RU, Roorkee M.E. RU, Roorkee	Professor
Dr. Kapil Sharma	Ph.D., MDU, Rohtak M.Tech. IASEDU, Rajasthan B.Tech., MDU, Rohtak	Associate Professor

LABORATORIES

- | | |
|----------------------------|---------------------|
| 1. Research Lab | 2. Software Lab-I |
| 3. Software Lab-II | 4. Software Lab-III |
| 5. Operating System Lab-II | 6. Project Lab-II |

***Pursuing**

DEPARTMENT OF INFORMATION TECHNOLOGY



The Department offers academic programs leading to the award of degree in

- B.Tech. in Information Technology
- M.Tech. (Full Time) Computer Science

HEAD OF DEPARTMENT

Dr. KULWINDER SINGH MANN

Ph.D. (CSE), IKGPTU, Jalandhar

M.Tech. (IT), PU, Patiala

B.Tech. (CSE), SLIET, Longowal

INFORMATION TECHNOLOGY

FACULTY

Dr. Kulvinder Singh Mann	Ph.D. (CSE), IKGPTU, Jalandhar M.Tech. (IT), PU, Patiala B.Tech. (CSE), SLIET, Longowal	Professor & Head
Dr. Akshay Girdhar	Ph.D. (CSE), PTU, Jalandhar M.Tech. (IT), PU, Patiala B.E. (Electronics), BAMU, Aurangabad	Professor
Dr. Pardeep Kumar Jaswal	Ph.D. (CSE), PTU, Jalandhar M.Tech. (IT), PU, Patiala B.Tech. (CSE), PTU, Jalandhar	
Dr. Manpreet Singh	Ph.D. (CSE), GNDU, Amritsar M.Tech. (CSE), PAU, Ludhiana B.E. (EEC), PTU, Jalandhar	Assistant Professor
Dr. Kiran Jyoti	Ph.D. (Comp. Engg.), Shri J.T.U., Rajasthan M.Tech. (CSE), PTU, Jalandhar B.Tech. (CSE), NIT, Jalandhar	Assistant Professor
Er. Sandeep Kumar Singla	Ph.D.* (CSE), IIT, Roorkee M.Tech. (IT), PU, Patiala B.Tech. (CSE), SLIET, Longowal	Assistant Professor
Dr. Amit Kamra	Ph.D. (CSE), SLIET, Longowal M.Tech. (IT), PU, Patiala B.Tech. (ECE), PTU, Jalandhar	Assistant Professor
Dr. Pankaj Bhambri	Ph.D. (CSE), IKGPTU, Jalandhar M.Tech. (CSE), PTU, Jalandhar B.E. (IT) with Honors, Dr. BRAU, Agra	Assistant Professor
Dr. Kamaljit Kaur Dhillon	Ph.D. (CSE), DBU, Mandi Gobindgarh M.Tech. (CSE), PTU, Jalandhar B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Parminder Kaur Wadhwa	(UGC-JRF-NET Qualified) M.Tech. (CSE), PTU, Jalandhar (Gold Medalist) B.Tech. (CSE), PTU, Jalandhar	Assistant Professor
Er. Ranjodh Kaur	M.Tech.(CSE), PU, Patiala B.Tech. (IT), PTU, Jalandhar	Assistant Professor

***Pursuing**

INFORMATION TECHNOLOGY

Er. Jagdeep Singh	Ph.D.* (CSE), LPU, Jalandhar M.Tech.(IT), PTU, Jalandhar B.Tech. (IT), PTU, Jalandhar	Assistant Professor
Er. Mohanjit Kaur Kang	Ph.D.* (CSE), CTU, Ludhiana M.Tech. (IT), PTU, Jalandhar MBA, PTU, Jalandhar B.Tech. (IT), PTU, Jalandhar	Assistant Professor
Er. Rupinder Kaur	Ph.D.* (CSE), PU, Patiala (UGC-Net Qualified) M.Tech. (IT), PU, Chandigarh B.Tech. (IT), PTU, Jalandhar	Assistant Professor
Er. Sidharth Jain	Ph.D.* (CSE), CTU, Ludhiana M.Tech. (IT), PTU, Jalandhar MBA, TU, Patiala B.Tech. (IT), PTU, Jalandhar	Assistant Professor
Er. Sachin Bagga	Ph.D.*(CSE), CU, Mohali M.Tech. (CSE), TU, Patiala B.Tech. (IT), PTU, Jalandhar	Assistant Professor
Er. Harjot Kaur	M.Tech. (CSE), PTU, Jalandhar B.Tech. (IT), PTU, Jalandhar	Assistant Professor
Er. Hanit Karwal	M.Tech. (CSE), PTU, Jalandhar B.Tech. (IT), PTU, Jalandhar	Assistant Professor
Er. Yadvir Kaur	M.Tech. (CSE), PU, Patiala B.Tech. (IT), PTU, Jalandhar	Assistant Professor
Er. Harpreet Kaur	M.Tech. (IT), PU, Chandigarh B.Tech. (IT), PTU, Jalandhar	Assistant Professor
Er. Birpal Kaur	M.Tech. (CSE), PTU, Jalandhar B.Tech. (IT), PTU, Jalandhar	Assistant Professor

***Pursuing**

DEPARTMENT OF **APPLIED SCIENCE**

The Applied Science Department covers the subject areas of basic & social science and humanities and aids other departments in covering the courses in the aforesaid areas.



HEAD OF DEPARTMENT

Dr. D.S. PATHANIA

Ph.D. (App. Math), KU, Kurukshetra

M.Sc. (Math), GNDU, Amritsar

APPLIED SCIENCE

FACULTY

Dr. D.S. Pathania	Ph.D. (App. Math), KU, Kurukshetra M.Sc. (Math), GNDU, Amritsar	Professor & Head
Ms. Satwinderjit Kaur	Ph.D*, RIMTU, Mandi Gobindgarh M. Com., PU, Patiala B. Com., PU, Patiala	Associate Professor
Dr. Harpreet Kaur Grewal	Ph.D. (Physics), PU, Chandigarh M.Sc. (Non-Medical), PU, Chandigarh B.Sc. Hons. (Maths), PU, Chandigarh	Associate Professor
Ms. Pragya	M.Sc. (Maths), PU, Chandigarh (CSIR-JRF-NET qualified) B.Sc. Hons. (Maths), PU, Chandigarh	Assistant Professor
Ms. Puneet Narang	Ph.D*, DBU, Mandi Gobindgarh (UGC-NET qualified) M.A. (English), GNDU, Amritsar M.Ed., PU, Patiala B.A. (Honours in English), PU, Chandigarh	Assistant Professor
Dr. Randhir Singh	Ph.D. (Vibrational Spectroscopy), PU, Chandigarh M.Sc. (Physics), PU, Chandigarh B.Sc. (Maths Hons.), PU, Chandigarh	Assistant Professor
Dr. Amanpreet Kaur Sodhi	Ph.D. (Chemistry), PAU, Ludhiana (UGC-NET Qualified) M.Sc. (Chemistry), PU, Chandigarh B.Sc., PU, Chandigarh	Assistant Professor
Ms. Rajbir Kaur	Ph.D*, IKGPTU, Jalandhar (UGC-JRF-NET qualified) M.Phil (Maths), KU, Kurukshetra M.Sc. (Maths), GNDU, Amritsar B.Sc., PU, Patiala	Assistant Professor
Mr. Sukhminder Singh	M.Phil (Maths), VMU, Salem (UGC- JRF-NET Qualified) M.Sc. (Maths), PU, Chandigarh B.Sc. (Math), PU, Chandigarh	Assistant Professor
Mr. Karan Bhalla	Ph.D*, RIMTU, Mandi Gobindgarh (UGC-NET Qualified) M. Sc. (Chemistry), PU, Patiala B.Sc. (Medical), PU, Patiala	Assistant Professor
Ms. Mandeep Kaur	M.Sc. (Chemistry), PU, Patiala (UGC-NET Qualified) B. Ed., Pbi. University, Patiala	Assistant Professor

*Pursuing

APPLIED SCIENCE

Mr. Amandeep Singh Bal	M.A. (English), PU, Chandigarh (UGC-NET Qualified) B.A. (English), PU, Chandigarh	Assistant Professor
Dr. Rajvir Kaur	Ph.D. (Physical Chemistry), PU, Patiala M.Phil., (Physical Chemistry) PU, Patiala M.Sc. (Physical Chemistry), PU, Patiala PGDCA, PU, Patiala B.Ed., PU, Patiala B.Sc. (Non Medical), PU, Patiala	Assistant Professor
Ms. Kuldeep Kaur	M.Sc. (Physics), SLIET, Longowal B.Sc. (Physics), PU, Patiala	Assistant Professor
Dr. Sandeep Kaur Chauhan	Ph.D. (Math), TIET, Patiala M.Sc. (Mathematics & Computing), TIET, Patiala B.Sc. (Non-Medical), PU, Chandigarh	Assistant Professor
Ms. Palak	UGC-NET Qualified M.Sc. (Mathematics), PU, Chandigarh B.Sc., PU, Chandigarh	Assistant Professor
Dr. Nandini Sharma	Ph.D. (Physics), Delhi University, Delhi CSIR-NET Physical Science (AIR-08) M.Sc. (Physics), Banasthali University, Rajasthan B.A. Sci. (H) Electronics, Delhi University, Delhi	Assistant Professor

LABORATORIES

1. Applied Physics Lab
2. Applied Chemistry Lab
3. Communication Skills Lab

The Department offers research facilities in Applied Physics and Applied Chemistry Laboratories.

***Pursuing**



DEPARTMENT OF **BUSINESS ADMINISTRATION**

HEAD OF DEPARTMENT

Dr. PARAMPAL SINGH

Ph.D., GNDU, Amritsar

MBA (Marketing), GNDU, Amritsar

The Department offers academic programs leading to the award of degree in

- Bachelor in Business Administration (BBA)
- Master in Business Administration (MBA)
- Doctor of Philosophy

FACULTY

Dr. Parampal Singh	Ph.D., GNDU, Amritsar MBA (Marketing), GNDU, Amritsar	Associate Professor & Head
Dr. Amanjot Kaur Gill	Ph.D., Shri JJTU, Rajasthan MCBA, GNDU, Amritsar	Assistant Professor
Dr. Harmohan Singh Dhall	Ph.D., IKGPTU, Jalandhar MBA, PAU, Ludhiana B.E. (Mech. Engg.), PU, Chandigarh	Assistant Professor
Dr. Navdeep Kaur	Ph.D., PAU, Ludhiana MBA (Marketing), PTU, Jalandhar	Assistant Professor
Ms. Amarpreet Kaur	MBA (Marketing/IT), PTU, Jalandhar B. Ed., PU, Chandigarh	Assistant Professor
Ms. Mandeep Kaur Khosa	Ph.D*, (Finance) M.Com., NMU, Maharashtra MBA (Finance & HR), GDCA	Assistant Professor

***Pursuing**

DEPARTMENT OF **COMPUTER APPLICATIONS**

The Department offers academic programs leading to the award of degree in

- Bachelor of Computer Application
- Master of Computer Application

HEAD OF DEPARTMENT **Er. JASBIR SINGH SAINI**

M.Tech. (IT), PU, Patiala

B.Tech. (CSE), SLIET, Longowal



FACULTY

Er. Jasbir Singh Saini	M.Tech. (IT), PU, Patiala B.Tech. (CSE), SLIET, Longowal	Associate Professor & Head
Mr. Dinesh Anand	Ph.D.(CA), LPU, Phagwara MCA, GNDU, Amritsar B.Sc., PU, Chandigarh	Assistant Professor
Er. Kamalpreet Kaur	M.Tech. (CSE), GNDU, Amritsar B.Tech. (IT), IKGPTU, Jalandhar	Assistant Professor

ADJUNCT FACULTY

Dr. Leenu Anand	Ph.D. (HRM), GNDU, Amritsar	Assistant Professor
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DEPARTMENT OF **PHYSICAL EDUCATION**

HEAD OF DEPARTMENT

Dr. GUNJAN BHARDWAJ (DPE)

Ph. D., (LBNiPE), B.P.E. (LBNiPE)

UGC/JRF/NET

FACULTY

Dr. Gunjan Bhardwaj	Ph. D., (LBNiPE), B.P.E. (LBNiPE) UGC/JRF/NET	DPE & Head
S. Suminder Singh	PGDCAI M.A. (Phy. Edu.) B.A.D.P.Ed.	DPE

Star Performers

NAME	BATCH	GAME	AWARD / PARTICIPATION
Er. Balraj Singh Sandhu	1964	Athletics	National & All India Inter-University Champion
Er Devinder Singh	1947	Hockey	Represented India in Hockey
Er. Bhupinder Singh Gill	1971	Athletics	Athletics All India Inter-University Champion
Er. Olympian Gurbir Singh Sandhu	1972	Shooting	Shooting First Engineer Arjuna Awardee of India Olympian
Er. Tilak Raj	1972	Table Tennis	National Champion in Table Tennis
Er. Devinder Singh Bansal	1989	Cycling	Silver & Bronze medalist in 44 th Senior National Cycling Championship and All India Inter-University Cycling Championship
Er. Harbir Singh Gill	2002	Baseball	Runner-up in Senior National Baseball Championship
Harshveer Singh Sekhon	2016	Cycling	Silver Medalist in Asia Cup in Track Cycling & Twin Gold Medalist in All India Road Cycling Inter-Varsity
Punarpratap Singh Sidhu	2019	Shooting	Shooting Silver Medalist in North Zone Skeet Shooting

CENTRAL WORKSHOP



HEAD OF DEPARTMENT

Dr. JATINDER KAPOOR

Ph.D., PU, Patiala

M. Tech. (Mech. Engg.), PTU, Jalandhar

B. Tech. (Prod. Engg.), Amravati University



CENTRAL WORKSHOP

Assistant Professor (WP)

1. Mr. Ranjit Singh
M. Tech. (Elect. Engg.), PTU, Jalandhar
AMIE Electrical, Institution of Engineers (India)
Diploma Electrical, PSBTE

SENIOR INSTRUCTORS

1. Mr. Jasbir Singh
Diploma (Civil Engg.)
2. Mr. Hakam Singh
B. Tech. (Mech. Engg.)
Post Diploma in Auto & Tractor Engg. (Pb.)
Diploma (Mech. Engg.)
3. Mr. Ram Partap Singh
I.T.I. (Moulder)
4. Mr. Jasgur Singh
C.T.I. (Fitter)
I.T.I. (Fitter)

INSTRUCTORS

1. Mr. Gurmeet Singh
Diploma (Mech. Engg.)
2. Mr. Charanjit Singh

Diploma (Elect. Engg.)

3. Mr. Sukhpal Singh
Diploma (Mech. Engg.)
Post Diploma (Mech. Engg.)
Post Diploma in Auto & Tractor Engg.
4. Mr. Amritpal Singh
Post Diploma Automobile & Tractor Engg.
Diploma (Mech. Engg.)
5. Mr. Balwant Raj
Diploma (Mech. Engg.)
6. Mr. Jatinder Singh
Diploma (Mech. Engg.)
Certificate Course in Metrology & Inspection
Certificate Course in Heat Treatment
7. Mr. Inderjit Singh
(Diploma M.E.)
8. Er. Gurpreet Singh
B. Tech. (Mech. Engg.)
9. Mr. Deshinder Singh
Diploma (Elect. Engg.)

CENTRAL WORKSHOP

The Workshop has facilities for practical training in the following shops :

- | | |
|------------------|------------------------------------|
| 1. Machine Shop | 2. Fitting Shop |
| 3. Electric Shop | 4. Carpentry & Pattern making shop |
| 5. Foundry Shop | 6. Black smithy Shop |
| 7. Welding Shop | 8. Sheet Metal and Plumbing Shop |

HOSTELS

The students admitted to the college shall be provided Hostel accommodation subject to its availability, otherwise they have to make their own arrangements. There are three hostels for boys and one for girls.

Hostel No. 1	: Boys
Hostel No. 2	: Boys
Hostel No. 4	: Girls
Hostel No. 5 (Tower 1 & Tower 2)	: Boys

All basic amenities & services are provided in these hostels. They are well equipped with Geysers, Washing Machines & Water Purifiers. The mess in each hostel has air cooled and spacious dining halls. Each hostel has a common Recreation room with Dish TV, Indoor Games, Magazines & Newspapers Internet Facility (Wi-Fi) is provided in each of the hostels. There is a Centralized Computer facility in the girls hostel. An ambulance is available in the case of emergency. CCTV Camera & back up power supply facility is also available in all the hostels.



Each hostel has wardens to ensure implementation of discipline & creating an atmosphere that is conducive to learning. Students must maintain the decorum of the hostel & conduct themselves in proper manner.

The name, designation and contact number of Chief Warden, Warden's Maintenance Officer & Care Taker as given below :

Dr. Manpreet Singh	Chief Warden	98555-49002
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BOYS HOSTEL

Prof. Manpreet Singh Sidhu	Warden Hostel No. 1	84277-11011
Mr. Suminder Singh	Warden Hostel No. 2	97790-03011
Dr. Bhupinder Singh Dhillon	Warden Hostel No. 5	62802-74084

GIRLS HOSTEL

Prof. Harshpreet Kaur	Warden Hostel No. 4	98885-76287
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BOYS HOSTEL

Mr. Iqbal Singh	Care Taker Hostel No. 1	88375-48016
Mr. Gurdev Singh	Care Taker Hostel No. 2	99143-61995
Ms. Baljinder Kaur	Care Taker Hostel No. 4	80547-80669
Mr. Jagmel Singh Khaira	Care Taker Hostel No. 5	70097-55543

IMPORTANT DOCUMENTS

RECOGNITION	AUTHORITY	LETTER NO. & DATE
Autonomous Status (Institution)	University Grants Commission, Bahadur Shah Zafar Marg, New Delhi-110 002	F. No. 22-1/2012 (AC) dated 17 th August, 2012 F.22-1/2017 (AC) dated 12.2.2019
'A' Grade NAAC (Accredited Institution)	National Assessment & Accredited Council, P.O.Box No. 1075, Nagarbhavi, Bangalore-560072	F. No. 19, 26/ EC (Sc-6) DO/2015/102 dated 12.5.2015
Accreditation (Institution)	Tata Consultancy Services Limited, Gateway Park, Akruiti Business Port Road No.13, MIDC Andheri East, Mumbai- 400 093	Dated 10 th September, 2014
Accreditation (Institution)	Tata Consultancy Services Limited, Gateway Park, Akruiti Business Port Road No.13, MIDC Andheri East, Mumbai- 400 093	Dated 19 th October, 2010
Accreditation (Institution) (All Branches)	The Institution of Engineering (India) Kolkata	
ISO 9001:2015	Intertek	C No. 0052169 DOI 11-09-2019 DOE 16-08-2022
QIP Centre for Ph.D in branches viz. Civil Engg., Mech. Engg., Elect. Engg. (Intake 2 in each disciplines)	All India Council for Technical Education, 4 th Floor, East Tower, NBCC Place, Bhisham Pitamaha Marg, Pragati Vihar, Lodhi Road, New Delhi-110003	F. No. RIFD/QIP/Govt./2011 Dated 11.8.2011
Academic Approval (2020-2021)	All India Council for Technical Education, Nelson Mandela Marg, Vasant Kunj, New Delhi- 110070	North-West/1-7008157668 /2020/EOA dated 15.06.2020
Life Institutional Membership (No. IM000272-2)	The Institution of Engineers (India), 8, Gokhale Road, Kolkata-700 020	Letter No. MEMB / SB130200682300-RIM/ IM0002722 dated 17.7.2013

Approval of B Architecture : B. Arch No. CA/5/Academic-APP/N/PJ/2019/1919- PJ17 Date May 29, 2019



GNDEC SCHOOL OF ARCHITECTURE

HEAD OF DEPARTMENT
Ar. AKANKSHA SHARMA

M.Tech. (Urban Planning), GNDU, Amritsar

GNDEC SCHOOL OF ARCHITECTURE

Approved by Council of Architecture, New Delhi, Affiliated with I.K.G. Punjab Technical University, Jalandhar

Guru Nanak Dev Engineering College School of Architecture is running under the aegis of Guru Nanak Dev Engineering College, established by the Nankana Sahib Education Trust with the mission to impart quality professional training in the field of Architecture. It is offering 5 years degree program in Bachelor of Architecture (B. Arch.) The admission for the academic session 2021-2022 to the program will be made through centralized counseling by I.K.G. Punjab Technical University Jalandhar.

Eligibility : The Candidates who have the following credentials shall be eligible for admission to B. Arch.

- i. Qualified through the an aptitude test in Architecture Conducted by council for admission to the arch. degree course.
- ii. Have gone through any of the following curriculum with marks as prescribed below :
 - (a) Passed on examination at the end of the 10+2 Scheme & examination in with Physics, Chemistry and mathematics Subjects.
 - or
 - (b) Passed 10+3 Diploma examination with Mathematics as compulsory subject.

Candidates may note the following points

- i. No direct lateral admission is allowed at any other year / stage of B. Arch. Course based on any qualification.
- ii. Due to Covid-19 and unprecedented conditions eligibility is subject to be modified time to time as per COA notice (<https://www.coa.gov.in>)

Admission Procedure :

The centralized B. Architecture admission/counselling and seat allotment process will be conducted by I.K.G. Punjab Technical University, Jalandhar based on the merit list prepared on the basis of score in aptitude test in Architecture, i.e., NATA and qualifying exam marks in ratio of 50:50.

FACULTY

Ar. Akanksha Sharma	Ph.D.*, Architecture, GNDU, Amritsar M.Tech. (Urban Planing), GNDU, Amritsar	Professor & Head
Ar. Vivek Sehgal	Ph.D.*, GNDU, Amritsar M. Arch., LPU, Phagwara	Associate Professor
Ar. Harveesh Kaur	M. Plan., ITPI, New Delhi	Assistant Professor
Ar. Harshpreet Kaur	B. Arch., PTU, Jalandhar (RIMT-SOA)	Assistant Professor
Ar. Navjot Kaur	M. Arch., PTU, Mohali Campus	Assistant Professor
Ar. Simran	M.Tech. (Urban Planing), GNDU, Amritsar	Assistant Professor
Ar. Ravinder Singh	B. Arch., PTU, Jalandhar (RIMT-SOA)	Visiting Faculty

***Pursuing**

SCIENCE & TECHNOLOGY ENTREPRENEURS PARK (STEP)

Dr. ARVIND DHINGRA

Executive Director, STEP-T&P



SCIENCE & TECHNOLOGY ENTREPRENEURS PARKS (STEP)

Science & Technology Entrepreneurs' Park, **promoted by Central & State Govts.**, DST, NSET, is already a renowned name in the field of technical incubation in Ludhiana, Punjab. A unique institution established to promote entrepreneurship among the science & technology graduates, STEP encourages the entrepreneurs to setup 'Start-up Ventures' by providing them built-up space with adequate power supply & other utilities like seamless internet library, 24x7 security, seed money etc.



The concept of Science & Technology Entrepreneurs' Park has been imported from USA. Around, 1970 in the University of Stanford, a professor & a group of students developed the famous 'chip', the heart of the computer, during their academic pursuits. They had now two options- either to sell the know how of the chip to the industry or to commercialize it themselves. But for this, they needed some kind of infrastructure and financial assistance. They decided to commercialize the product themselves and approached the University authorities for assistance in the form of working space, basic testing equipments, use of the University Library & laboratories and finances. This was the time when the student community in the USA was shifting from the cycles as a mode of transport to automobiles. As a result, the cycle shed of the University was not being fully utilized. Therefore, the University decided to allot the cycle shed as working space to this group along with the use of facilities of the university laboratories. The much needed financial assistance was provided through the commercial banks. This gave birth to the concept of the STEP - Science & Technology Entrepreneurs' Park which was adopted by the Govt. of India to promote entrepreneurship amongst the science & technology persons in India.

In the late eighties, 6 STEPs were established in India, which were attached to the apex educational institutes of the country to provide an opportunity to the students for giving a practical shape to the project ideas, which they were to develop during their academic sessions. STEP, Guru Nanak Dev Engineering College was one of these six parks which started operations in 1987.

STEP- Ludhiana provides working space in the form of "Nursery" sheds with water & power connections & other facilities of production to the budding entrepreneurs. These 'Nursery' sheds are today humming with activity & the entrepreneurs are producing a variety of high-tech products by utilizing these in-house facilities provided by the STEP. To develop entrepreneurs, STEP conducts 3 days Entrepreneurship Awareness Camps in various Colleges for the final year students pursuing science, engineering & technology courses, 25 days Entrepreneurship Development Programmes (EDP's), 15 days Faculty Development Programmes (FDP's), 45 days Technical Entrepreneurship Development Programmes (TEDPs) in various Technical Colleges, Universities for the students pursuing science, engineering & technology courses. STEP also organizes business plan competitions.

STEP boasts of having produced more than 30 Entrepreneurs during last 5 years & training of over 2400 students under Entrepreneurship development program. STEP also has facilities for imparting industrial training to engineering degree & diploma students under various modules. Also Diploma in Computer Applications, Diploma in Business Administration & Diploma Fashion Designing are being run under autonomous status of GNDEC.

STEP is now a MSME approved Technical Business Incubator. STEP also offers cabin space for software based incubators.

Ph.: 0161-2814748, 2814183, +91-7837100922-23, E-mail: step_gne@yahoo.com, Web : www.stepgndec.in, www.stepconsultancy.in

IMPORTANT TELEPHONES

	Office Nos.
Principal, GNDEC	0161-5064501
Nankana Sahib Education Trust	0161-5064516, 2490479
Chief Warden	98555-49002
Hostel No. 1	84277-11011
Hostel No. 2	97790-03011
Hostel No. 4 (Girls)	98885-76287
Hostel No. 5 (Tower I & Tower II)	62802-74084
Doctor	94173-18228

MANDATORY DISCLOSURE

Refer Website : www.gndec.ac.in

DISCLAIMER

The statements made in the prospectus & all information contained herein are believed to be correct at the time of publication. However, the College reserves the right to make changes & additions to the regulations, conditions governing the conduct of students, requirement for degree, fees and any other information or statement contained in the prospectus, at any time without notice. No responsibility will be accepted by the College for hardship or expenses incurred by its students or any other person (s) for such changes, additions, omissions or errors, no matter how they are caused.



GLIMPSSES





Rs. 500/-

GREENBIRD
M: 98152-82861

GURU NANAK DEV ENGINEERING COLLEGE

(An Autonomous College Under UGC Act 1956)

AICTE Approved, ISO : 9001:2015 Certified, Affiliated to I.K. Gujral PTU Jalandhar
IEI & TCS Accredited UG Programmes

GILL PARK, GILL ROAD, LUDHIANA - 141006 (PUNJAB) INDIA

Ph.: 0161-5064501, 5064704

E-mail : principal@gndec.ac.in, Website : www.gndec.ac.in

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