



INFORMATION BROCHURE

ACADEMIC SESSION 2020-2021

** Affiliated to
PSBTE & IT, Chd.

B.TECH.

- ✓ Civil Engg.
- ✓ Computer Science & Engg.*
- ✓ Electronics and Communication Engg.
- ✓ Mechanical Engg.

DIPLOMA**

- ◇ Civil Engg.
- ◇ Computer Science & Engg.
- ◇ Mechanical Engg.

B.VOC. COURSES

- ⊙ Automobile Servicing
- ⊙ Refrigeration & Air Conditioning
- ⊙ Data and Web Analytics
- ⊙ Building Construction & Technology

B.Sc.

- ▲ Medical Lab Sciences

* With specialization available in Data Science And Industry Collaborative classes on Big Data Analytics

Pathway to **SUCCESS**

LYALLPUR KHALSA COLLEGE OF ENGG.

Approved by AICTE & Punjab Govt.

● Affiliated to IKGPTU, Kapurthala



From the desk of **THE PRESIDENT**

I am glad to share with you that Lyallpur Khalsa College of Engineering (Jalandhar) is a part of 100 years young – Khalsa College Lyallpur Educational Trust. Located in the heart of Doaba region of Punjab, it has been established to equip the students with technical and professional skills in the Engineering which is regarded as primary engines of economic growth, employment creation and prosperity. We believe that “Learning how to do things better- Matters”. It is with this conviction that we have established LKC-Engineering armed with modern infrastructure, latest pedagogical aids & experienced and dedicated mentors.

The management of LKCE is committed in its endeavor to provide students with the best of the employment opportunities. We emphasize greatly on industry inputs, hands on training and facilitate the students on developing essential abilities & capabilities to make them more adaptable to the dynamic corporate and industrial environment in global perspective.

LKCE is a place, which ensures that the student receives a high quality education and an all round personality development.

Balbir Kaur

THE TRUST

The Khalsa College Lyallpur Educational Charitable Trust has a glorious past in the service to the society especially in the field of education. The seeds of the legacy were sown before partition- at Lyallpur (Pakistan) in the year 1908 by establishing the organization's first educational institute by the great sage, a kindred soul **Sant Attar Singh Ji Mastuana**.

After partition the governing council of the Trust established its roots at Jalandhar during the year 1948 through ardent efforts of **S. Swaran Singh Ji, Union Cabinet Minister** and thereafter the trust was headed by the renowned educationist & administrator **S. Balbir Singh Ji, Member Parliament** under whose able leadership and guidance the institutions run by the trust established its landmark in the field of education.

Presently under the leadership of **Sardarni Balbir Kaur**, the distinguished members of the Trust are successfully running a number of multi-disciplinary educational institutions with strength of nearly nine thousand students in the areas ranging from Arts & Literature to Management, IT & Engineering.

THE INSTITUTE

The Lyallpur Khalsa College of Engineering got established in 2013 under the aegis of Khalsa College Lyallpur Education Charitable Trust. The Institute is located in the heart of city on a prime piece of land. It was established with an aim to impart engineering education to the students to make them competent, motivated engineers and scientists. The institute as a first step will provide the education in the field of Mechanical Engineering, Civil Engineering, Electronics & Communication Engineering and Computer Science & Engineering disciplines, the most sought after disciplines at present due to the huge potential for the industry absorbing the good students in these fields and very rapid investments taking place in the region. The Institute not only celebrates freedom of thought, cultivates vision and encourages growth, but also inculcates human values and concern for the environment and the society.

B.Tech. PROGRAMMES

B.Tech. CIVIL ENGINEERING



Civil engineering is a professional engineering discipline that deals with the design, construction and maintenance of the physical and natural built environment, including works such as bridges, roads, canals, dams and buildings. Civil engineering takes place on all levels, in the public sector from municipal through to federal levels, and in the private sector from individual homeowners through to international companies. A learner achieving this qualification will be competent to apply theoretical knowledge, practical experience and skills gained in their specialized area of civil engineering at the level of a Professional Technologist by interpreting, managing and applying current technology to complex specialist engineering activity.

Duration : 4 Years

Eligibility : 10+2

No. of Seats : 60

CAREER OPPORTUNITIES

SPECIALIZATION FIELDS

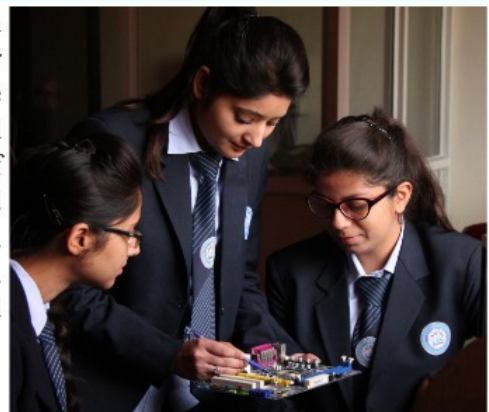
- Construction and Maintenance
- Planning and Designing

SECTOR

- Construction of bridges, dams, roads, harbors, sewer, pipelines and other structures
- Survey, Design, costing, Estimating, Traffic studies, drafting, Materials investigation and Testing

B.Tech. COMPUTER SCIENCE & ENGINEERING

This is one of the most sought after stream and offers students an opportunity to become thorough professionals in Computer Science & Engineering. Computer Science focuses on the science of computing. It is desirable to have a CS-based education program to give due importance to applied aspects of computing. Its main objective is to impart to students a sound foundation and ability to apply engineering fundamentals, mathematics, science and humanities necessary to formulate, analyze, design and implement engineering problems in the field of computer science.



Duration : 4 Years

Eligibility : 10+2

No. of Seats : 90

CAREER OPPORTUNITIES

SPECIALIZATION FIELDS

- Programming
- Data structures
- Databases
- Computer Graphics
- Networking
- Computing
- Web- Developers

SECTOR

- Software Development
- Research & Consultancy
- Web Designing
- Network Technologies
- System Administration
- BPO

B.Tech. ELECTRONICS & COMMUNICATION ENGINEERING

Electronics and Communication Engineering is one of the largest and fastest growing fields of engineering. It helps us to see, hear and communicate over vast distances and do things faster. Devices designed by Electronic Engineers feature in all aspects of modern life, including computers, mobile phones, robotics, the internet, digital television, satellites, aerospace, medical scanners, security systems and sustainable energy. Electronics has a major role in improving productivity in industry like oil, energy, agriculture and so many other important sectors of economy



Duration : 4 Years

Eligibility : 10+2

No. of Seats : 60

CAREER OPPORTUNITIES

SPECIALIZATION FIELDS

- Microprocessors
- Communications
- Chip Designing
- Power Electronics
- Electronics Design and Circuits
- Digital Signal Processing

SECTOR

- Telecommunications
- Hardware and Electronics
- Designing Industry
- Testing Industry
- Energy & Power

B.Tech. MECHANICAL ENGINEERING



Mechanical engineering is a diverse field that derives its breadth from the need to design and manufacture everything from small individual parts to large systems. The role of a Mechanical Engineer is to take a product from an idea to the marketplace. Students achieving this qualification will be able to independently integrate mechanical engineering principles, establish and use criteria to judge processes and outcomes. The main objective of mechanical department is to develop the ability among students to synthesize and analyze data and technical concepts for application to engineering problems and to work as part of teams on multi-disciplinary projects.

Duration : 4 Years

Eligibility : 10+2

No. of Seats : 60

CAREER OPPORTUNITIES

SPECIALIZATION FIELDS

- Design
- Construction
- Marketing
- Installation
- Maintenance

SECTOR

- Mining
- Automotive Plants
- Engineering and Production Companies
- Building Service Contractors
- Consulting Agencies

LATERAL ENTRY IN B.TECH. (LEET) PROGRAMMES

Duration : 3 Years

No. of Seats (In Each Branch) : 20% of Sanctioned Seats

Lateral Entry Scheme is intended to admit meritorious Diploma holders to the Second Year/Third Semester of the B.Tech courses to acquire a Degree in the Engineering. Lateral Entry Scheme is approved by Government of Punjab, AICTE and PTU, Jalandhar for 20% of the sanctioned seats in addition to total seats.

DIPLOMA PROGRAMMES

Lyallpur Khalsa College of Engineering offers following Diploma Programmes duly approved by All India Council of Technical Education (AICTE) and affiliated to Punjab State Board of Technical Education and Industrial Training Chandigarh.

CIVIL ENGINEERING

COMPUTER SCIENCE ENGINEERING

MECHANICAL ENGINEERING

Duration : 3 Years

Eligibility : 10th

No. of Seats : 60

LATERAL ENTRY IN DIPLOMA (LEET) PROGRAMMES

Duration : 2 Years

Eligibility: 10+2 (Non-Med/Vocational), ITI from recognized board

No. of Seats (In Each Branch) : 12

INFRASTRUCTURE

The state – of – the art infrastructure of the institute provides an ideal ambience for high-quality teaching and learning, making it the first choice of students in engineering courses at graduate level. The institute has the following world class infrastructure facilities for the students and the faculty:

- Wi-Fi campus with dedicated 18 Mbps high speed internet facility.
- AC Classrooms with integrated audio-visual teaching aids.
- Knowledge equipped library with more than 3500 volumes along with 50 journals like Springer, Elsevier, IEEE, Wiley-Blackwell and many magazines of National and International repute.
- Seminar Room with modern audio visual aids.
- Hygienic and refreshing cafeteria for the students to interact with each other and recreate themselves.
- Safe, secure and spacious residential accommodation for girls and boys with modern facilities.

LKCE believe in giving hands on experience & practical exposure to students so that they can be well groomed as per the needs of industry. The laboratories in the institute provide opportunities to learn more using the most modern equipments. LKCE has following Applied Sciences Labs & Workshops:



WORKSHOPS

- Machine Shop
- Fitting /Foundry Shop
- Welding Shop
- Sheet Metal/Smithy Shop
- Carpentry Shop

LABORATORIES

- Physics Lab.
- Chemistry Lab.
- Communication Skills Lab
- Programming & IT Lab.
- Basic Electrical & Electronics Engineering Lab.



Lyallpur Khalsa College of Engg.

Cantt. Road, Near Bus Stand, Jalandhar

B. Vocational Courses

Lyallpur Khalsa College of Engineering offers following B.Voc. Programmes affiliated to IKG-PTU, Kapurthala

- AUTOMOBILE SERVICING
- REFRIGERATION AND AIR CONDITIONING
- DATA AND WEB ANALYTICS
- BUILDING CONSTRUCTION & TECHNOLOGY



DURATION	ELIGIBILITY	NO. OF SEATS
3 Years	10+ 2 (any stream) for all B.Voc streams	25

CAREER OPPORTUNITIES

FOR B.Voc. (Data and Web Analytics)	Other fields for B.Voc. in Govt. and Private Sector are
✓ IT Systems Analyst	• Vocational Training Associate
✓ Data Scientist	• Unit Manager
✓ Data Analytics Consultant	• Project Technician
✓ Digital Marketing Manager	• Project Manager
✓ Project Manager	• Vocational Teachers

MULTIPLE EXIT OPTIONS :-

This course offers multiple exit options on the completion of First, Second and Third Year respectively as:-

- On the completion of 1st year – Diploma (IKG-PTU)
- On the completion of 2nd year – Advance Diploma (IKG-PTU)
- On the completion of 3rd year – Degree (IKG-PTU)

WHY B.VOC

- Provides judicious mix of skills relating to a profession
- Provides flexibility to the students by means of pre-defined entry and multiple exit points
- Curriculum is designed to instill more practical skills, job training, project development to make student employable.
- Collaboration with Industry to make students Industry Ready.



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Cantt. Road, Near Bus Stand, Jalandhar

B.Sc.

(Medical Lab Sciences)

- Affiliated to IKG-PTU, Kapurthala.
- Study emphasis on diagnosis, treatment and prevention of diseases.
- Aims to equip Medical Laboratory Scientists with current knowledge.
- To impart skills for analysing laboratory with quality

DURATION	ELIGIBILITY	NO. OF SEATS
3 Years	10 + 2 (Med. or Non - Med.)	30



CAREER OPPORTUNITIES

Specialization Fields	Sector
✓ Medical Officer	• Military Services
✓ Medical Services Associate	• Colleges & Universities
✓ Resident Medical Officer	• Blood Donor Centre
✓ Research Associate	• Pharmaceutical and Medicine Manufacturing Industries
✓ Medical Technologist	• Scientific and Research Development Services
✓ Medical coder	• Academic Institutions
✓ Laboratory Testing Manager	• Hospitals
✓ Laboratory Manager	• Clinics
✓ Healthcare counsellor	• Government Agencies

97817-06262, 98882-50413



www.lkcengg.edu.in

TRAINING AND PLACEMENT DEPARTMENT

The goal of Training & Placement Cell is to provide employment opportunities & world class training to LKCE students in leading organizations. In terms of training and placement, we have established good rapport with leading corporate houses, R&D organizations, public undertakings to private sector MNC's. The institute has an active Placement Cell that organizes Workshops, Guest Lectures, Soft Skills Programmes, Aptitude Tests, etc. on regular basis. Generally on every Saturday we invite top officials from reputed industries, professionals and businessmen to give a live exposure to the students. Continuous support is being received from industrialists of repute to give shape to the career of young Engineers in the process of Placement.

OUR RECRUITERS



PLACED STUDENTS

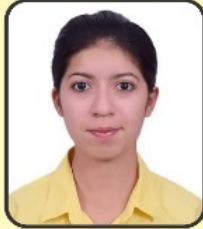
SOME OF OUR STUDENTS PLACED IN DIFFERENT COMPANIES WITH PACKAGES LIKE 18 LAC- 21.6 LAC PER ANNUM IN WESTLINE SHIPPING SERVICES:



Kajal Satija,CSE
TCS



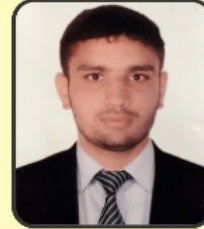
Paras Dua,CSE
TCS



Twinkle Punj,CSE
HP



Ketan Sharma,CSE
Solitaire Infosys



Sukhwinder Singh,CSE
Defacto Infotech P.Ltd.



Priyanka Bhutani,CSE
Education Consultant



Suraj,CSE
OATI



Sweksha Shukla,CSE
Education Consultant



Kashish Kumar,CSE
Cogmiter Technologies



Harjot Kaur,CSE
Solitaire Infosys



Anu Saini,ECE
GoTeSo Pvt. Ltd.



Shifali,ECE
CINIF Technologies Ltd.



Divyam,ECE
CINIF Technologies Ltd.



Narinder Kaur,ECE
CINIF Technologies Ltd.



Rishabh Jain,ECE
CINIF Technologies Ltd.,



Nitesh Kumar,ME
Westline Shipping Services



Amit Kumar,ME
Westline Shipping Services



Abhishek Dhadwal,ME
Westline Shipping Services



Arvind Kumar Shukla,ME
Arabol Lubricants



Bimaldeep Singh,ME
Boss Gears Ltd.



Manjinder Singh,ME
Boss Gears Ltd.



Akshay Singh Rana,CE
Westline Shipping Services



Nitesh Choudhary,CE
Westline Shipping Services



Lakshay Singh Rana,CE
Arabol Lubricants



Navdeep Singh,CE
Westline Shipping Services

ELIGIBILITY CRITERIA

For Engineering & Technology Courses, all those candidates who have passed the 10+2 examination from a board recognized or established by central/state government through legislation with Physics and Mathematics as compulsory subjects along with one of the following subjects:

• **Chemistry** • **Biotechnology** • **Computer Science** • **Biology**

The candidates who have passed two years certificate course from Sant Longowal Institute of Engineering and Technology, Longowal (SLIET) and 3 year Diploma Course from recognized Polytechnic College shall be eligible for lateral entry.

For Diploma Courses, all those candidates who have passed 10th examination from recognized board shall be eligible.

The candidates who have passed 10+2 (Non-Med/Vocational) and ITI from recognized board shall be eligible for lateral entry in diploma courses

*Knowledge
become
wisdom
only after it
has been
put to
practical
use*

*Lyallpur Khalsa college of
Engineering has received an
award for “Most innovative
Engineering college”
presented by Prime time
Global Excellence*



**Lyallpur Khalsa College of Engineering,
Cantt. Road, Jalandhar**

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