

BHADDAL INSTITUTES



IET-BHADDAL

Approved by AICTE, Govt of Punjab & Affiliated to PTU, Jalandhar

Information Brochure



The Founder's Vision



Revered Er. Gurcharan Singh,
Founder Chairman

The great visionary Late Er. Gurcharan Singh, who was a renowned social reformer, founded Bhaddal Institutes, Ropar to produce high quality Engineers, Architects and Managers who can maneuver efficiently across the globe and can excel in a multicultural environment . Er. Gurcharan Singh, a man of vast experience in engineering, decided to put to use his knowledge of the science and engineering in building careers for the good of youth of the country. That is what Er Gurcharan Singh ensured when he setup the vast and environment friendly infrastructure at Bhaddal equipped with best of teaching aids in the field of technical education

Keeping the social aspect in mind, the Founder also provided financial assistance and system of rewards to deserving students and instituted a placement procedure that ensures success at the end of students's academic stint.



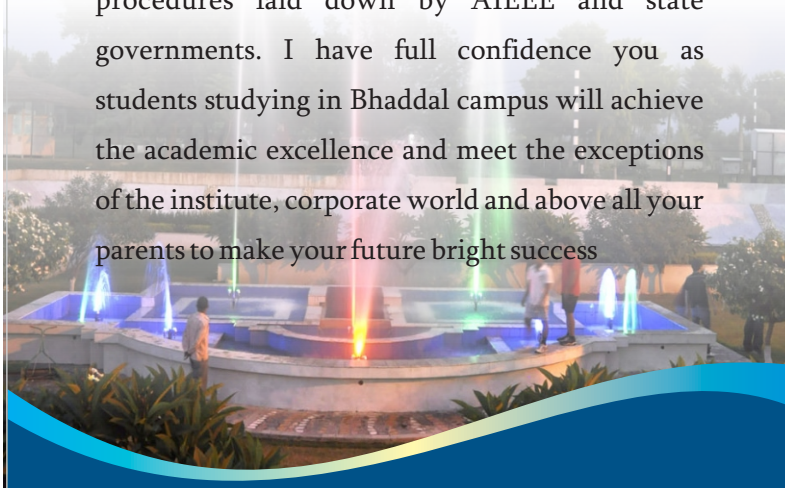
From Chairperson's Desk



Ms. Kulwinder Gurcharan Singh
Chairperson

It is well-known that the technical man power is backbone of the country for its industrial production and economic development. IET Bhaddal has the long tradition of excellence in providing practical education to the students to help them to grow up their personality by acquiring practical skills and prepare them for gainful/self employment as entrepreneurs. Since its inception 1998, IET Bhaddal has the honour that nine batches of the students passed out in various engineering branches and are well settled in their respective profession within and outside the country. Apart from strict academics, students are given the opportunities to participate in extra curricular and sports activities and the project work.

Since the Institute has come up to the expectations of the students and hence corporate world, I hope that admission seekers will avail the chance of admission in IET Bhaddal through admission procedures laid down by AIEEE and state governments. I have full confidence you as students studying in Bhaddal campus will achieve the academic excellence and meet the expectations of the institute, corporate world and above all your parents to make your future bright success



About us

The Institute of Engineering & Technology (IET) Bhaddal was established in July 1998 by the Kandi Friends Educational Trust (KFET), Mohali under the dynamic leadership of great visionary Late Er.Guracharan Singh. The management of KFET has the vision to groom this institute as the hallmark for the technical education. The campus is spread over an area of 50 acres in a lush green environment.

The Institute has four complete academic blocks, workshops, central computerized Library with air-conditioned reading room, 16 Mbps leased line internet connectivity, canteen, hostels with mess facility (separately for boys and girls), faculty apartments, guest house dispensary, computer centre, reprographic centre and wi-fi campus and hostels. In addition to beautiful landscaping, the institute is also maintaining a green house and a herbal garden. The institute is Approved by the AICTE, Govt. of Punjab and Affiliated to PTU, Jalandhar.

The institute is presently conducting six under-graduate B.Tech. courses (Electronics & Communication Engineering, Mechanical Engineering, Electrical & Electronics Engineering, Computer Science Engineering, Electronics & Instrumentation Engineering and Information Technology). A regional centre has been established at the IET campus by PTU in the year 2003 to conduct part-time M.Tech. courses in Electronics & Communication Engineering and Thermal Engineering. In 2004, College of architecture was added to the Bhaddal campus with an annual intake of 40 students. In the year 2007, Institute of Management Studies (IMS) and Master of Computer Application (MCA) were also added with an intake of 60 seats each. In the year 2008 Institute of Vocational Studies (IVS) was added to the campus with initial intake of 60 seats each in BBA and BCA programs



Vision

To spread quality education and Hi Tech professional education in the state especially in the less privileged Kandi area and cause socio economic development there in.

Mission

- To establish the state of art, technical and professional educational institutes and their feeding institutions in the Kandi area.
- To plan and implement rural development programs in the area surrounding the institute.
- To arouse awareness about education, health and socio-economic development among the rural people of the area around the institute and help them improving their lot.
- To achieve Excellence in every activity pursued and raise the level of institute to that of a university.

Core Values

The Institute is nurturing engineering students on value-based education on six main components, these are:

- Quality Education
- Work Culture
- Human Values
- Personality Development
- Team Work
- Discipline

Courses Offered

Engineering

B. Tech (4 years)

- **Computer Science & Engineering**
- **Electronics & Communication Engineering**
- **Electrical & Electronics Engineering**
- **Electronics & Instrumentation Engineering**
- **Information Technology**
- **Mechanical Engineering**

MCA (3 years)

- **Master of Computer Applications**

M.Tech (Part Time)

- **Mechanical Engineering (Thermal Design)**
- **Electronics & Communication Engineering**

Director-Principal

IET Bhaddal is on progressive mode under the competent guidance of versatile Director-Principal: Dr. R. Jha, Ph.D.(Punjab University Chandigarh, 1980)

Dr. Jha started his career as a Lecturer in Electrical Engineering at Jorhat Engineering College, Assam. Then he joined as an Asstt. Prof. in Punjab Engineering College, Chandigarh in 1972. In 1986, he joined at Regional College of Engineering, Hamirpur as Professor. followed by being promoted to the post of Principal in 1990. He joined as professor in the Regional Engineering College, Jalandhar in 1994. He worked as Dean Academic Affairs at REC Jalandhar from 2003-2005. Dr. Jha retired from NIT, Jalandhar in 2010 and joined as Director Research & Development in Bhaddal Institutes and finally elevated to the post of Director-Principal IET in May 2011.

Dr. Jha has been regularly contributing in major international journals of repute like IEE, London, IJC London, IEEE New York etc. with 120 research paper publications to his credit. Dr. Jha is also a life member of ISTE India & a fellow IET (Institute of Engineers and Technologists), London.

Faculty/Staff

A highly competent teaching faculty is working tirelessly to help the authorities to meet the institutional goals and form a strong backbone for quality and discipline in education. In a span of less than 14 years, the institute is amongst a few highly ranked engineering colleges in the country. Management is promoting dynamism among the staff through proper implementation of scales and various other incentive schemes.

Faculty upgradation is the key focus area in this institute. As many as 20 faculty members are pursuing Ph.D & 70 faculty members are pursuing Masters Degree at various reputed institutes including IITs. A few faculty members have already joined back at the Institute after completing their higher studies.

Admission Procedure

Admission to 2/3rd of total sanctioned seats will be on the basis of merit in AIEEE Test conducted by CBSE, New Delhi.

Remaining 1/3rd seats will be filled by the management quota as per rules prescribed by Govt. of Punjab and PTU, Jalandhar

Admission under Fee Waiver Scheme will be as per AICTE and Govt of Punjab rules.

Student's Achievements

In PTU Examinations :

Engineering

- Batch 2004-2008 (1 Gold and 1 Silver) 05 Merit Positions
- Batch 2005-2009 (1 Gold and 2 Silver) 03 Merit Positions
- Batch 2006-2010 07 Merit Positions

Architecture

- Batch 2004-2009 (1 Gold) 02 Merit Positions
- Batch 2006-2011 (1 Gold) 01 Merit Positions

Sports Achievements

Punjab Technical University Annual Athletic Meet 2010-11

Events	Medals
400m Hurdle	Silver & Bronze
200m	Silver & Bronze
400m	Silver
4x400m	Silver
4x100m	Bronze
100m	Bronze

Academic Scholarships and Awards

Academic prizes are awarded to the students of various disciplines for the academic performance in university examinations. Five prizes are given for overall first five positions in first year, amounting to Rs. 3000/-, Rs. 2000/-, Rs. 1500/-, Rs. 1000/- and Rs. 800/- respectively. For subsequent years, prizes are worth Rs. 3000/- and 2000/- for overall 1st and 2nd positions respectively. Besides the cash prizes, merit certificates are also given to students.



Training and Placement

An on-campus active Training & Placement Cell has been established to look after needs of the Industrial Training and Placement of the students. On campus and off campus placement interviews are organized by this cell. Our employers include wide range of MNC'S and companies of national repute. Experts are regularly invited for career counseling of students, personality development and communication skills

Library

A fully computerized central library has been established to cater to the academic and intellectual needs of the faculty and students. Multiple copies of the text books numbering more than 40000 volumes are available, besides National and International Journals, Encyclopedia, Handbooks, Research Proceedings, etc are also available. The library subscribes to more than 90 periodicals published from Indian and abroad origin. Printed copy of the IEEE transactions for specified research interests are also procured regularly. It also operates a BOOK BANK essentially to meet the needs of economically weaker students, who are issued textbooks for full one semester. From the last few academic years, the library has started operating book bank scheme, to help the students to get the text books of each subject issued to them for whole semester on nominal charges for their benefits.

The Institute library has subscribed for online e-Journals for quality education and research which covers almost 1/3rd of the world's current electrical engineering, computer science and mechanical engineering literature. These resources cover more than 1,260,866 documents from 12,000 publications, including 250 journals transactions, magazine and conference proceedings. For the benefit of users, the library remains open till late hours even on holidays.



Laboratories

Laboratories are fully equipped to meet the practical requirements up to 8th semester as per the university curriculum. More than Rs. 8 crores have been spent for establishing fully furnished laboratories. To name a few specialized facilities on campus are; MATLAB, Lab VIEW, Advanced Process Control, Simulation and Computational lab, Microprocessor & Micro Controller labs and CAD/CAM lab besides various software laboratories.

Dedicated Project Labs with ultra-modern facilities have also been established in various departments. These labs provide equipments for prototype development, assembly, testing and calibration facilities so as to enable the engineering students for completing their project work.

Electrical & Electronics Engineering

1. Basic electrical & Electronics Lab
2. Power systems Lab
3. Computational & Simulation Lab
4. Power & Industrial Electronics Lab
5. Electrical Machines Lab

Information Technology

1. System Program Development Lab
2. Web Administration Lab
3. Unix/Linux Lab
4. Networking Lab
5. Programming Lab

Mechanical Engineering

1. Metrology & Measurement Lab
2. Automobile Lab
3. Applied Thermodynamics Lab
4. Refrigeration and Air-conditioning Lab
5. CAD/CAM Lab
6. Industrial Automation and Robotics Lab
7. Mechanical vibration lab

Computer Science & Engineering

1. Relational Management System Lab
2. Linux Lab
3. Internet Lab
4. Programming Language Lab

Workshops

1. Carpentry Shop
2. Fitting Shop



3. Smithy and Forging Shop
4. Electrical Shop
5. Sheet Metal Shop
6. Machine Shop
7. Welding shop

Applied Sciences

1. Media Lab for Communication Skills
2. Physics Lab
3. Engineering Chemistry Lab

Computing Facilities

1. Nodes : 605
2. 16 Mbps Leased Line Internet Connectivity
3. Wi-Fi Campus

Medical Facility

Medical facility is provided to the students and staff. The institute maintains the medical center that is manned round the clock by the qualified residential medical staff. The center is geared to cater to the basic medical needs and first-aid in any emergency situation

Student Activity Centre

The following facilities are available for the students:

- Chess
- Carom
- Table Tennis
- Library
- Multi channel T V
- Wi-Fi Internet Facility
- Nescafe
- Gym

NCC

In order to inculcate a sense of discipline, zeal for adventure and national pride amongst the students, 3 Pb(I) Coy of NCC Roopnagar has been established in this institute. The institute is the first self financed engineering college in the region to introduce NCC activities.

NSS

The objective of the NSS is Development of Personality through community service. Every year a blood donation camp is held under this programme, in which students and faculty members participate with enthusiasm. Students also go to nearby villages to work along with the residents to ensure cleanliness or to plant trees in schools etc. Among their social activities is to create awareness against the menace of drug addiction in the villages.

Hostels

On campus hostel with ultra modern mess facilities are available for 500 boys and 400 girls. Residential wardens ensure disciplined atmosphere conducive to learning and academic growth. A committee, comprising resident students, actively manages food & general facilities. In each hostel, an activity centre, a reading room, cable TV and water coolers have been provided. The hostels have Wi-Fi facility, which the students are using for getting internet facility on their desktops and laptops.

Power House

Well installed and commissioned powerhouse ensures 24 hours power supply. All the labs, departments, boys and girls hostels, faculty residences and entire college surroundings are well connected with powerhouse.

Canteen

A hygienic canteen facility is available in the campus. The prices are subsidised for students and staff. The well maintained canteen assures tasty and quality vegetarian food items.





Mr. Pawan Kumar, Hon'ble minister of Parliamentary Affairs, Science & Technology & Earth Sciences, Govt. of India, Chief Guest on occasion of 9th convocation of Bhaddal Institutes

Regular Activities of the Institute

Annual Convocation

The campus holds the annual convocations along with the prize distribution function every year regularly. The pass-outs are awarded the degrees and the meritorious students are awarded the certificates/prizes for their excellence not only in the field of education but also in co-curricular and extra-curricular activities. His Excellency Dr. Iqbal Singh, Governor Pudducherry was the Chief Guest on occasion of 8th convocation while Mr. Pawan Kumar, Hon'ble minister of Parliamentary Affairs, Science & Technology & Earth Sciences, Govt. of India, graced the 9th convocation & Prize-distribution function held on 12th Feb, 2011 as the Chief Guest.

International Women's Day

Bhaddal Institutes, Ropar celebrate International Women's Day every year. Ms. Roopanjali Karthik (IAS), SDM Khamano, and Ms. Namrita Kalsi, Sr. Architect, PUDA were the Chief Guest and the Guest of Honour respectively on the occasion of Women's Day celebrated on 8th, March 2011. A blood donation camp was also organised in which management, faculty and students participated with enthusiasm. Paper reading, Mehandi, Rangoli and Face Painting contests were organized to mark the celebrations of International Women's day.

Blood Donation Camp

14th blood donation camp was organised at Bhaddal Campus by the NSS unit of the Institute on Nov 3rd, 2011, in which 414 units of blood were donated by students and staff of Bhaddal Institutes. Expert teams of doctors headed by Dr. Ravneet Kaur from Sector 16, Blood Bank, Chandigarh and Dr. Gurvinder Kaur from Ropar collected blood units in the camp.



Transportation

The campus is providing the daily transportation facility to both students and staff. More than 20 buses are plying from Chandigarh, Ludhiana, Mohali, Panchkula, Nangal, Patiala, Nurpur Bedi, and Ropar

Student Welfare

Besides Academics, the Institute conducts various welfare activities for its students

Feedback System

Motivation and Expert Lectures

Medical facility

Performance Awards

ATM/Bank/Post office/STD facilities

The HDFC Bank, Ropar operates extension counter on the campus to provide banking facility to the students and the staff. Post office and STD facilities are also available on the campus.



Sports Activities

The secret to perpetual is an active mind and active body. In pursuit of



radiant treasures of good health the institute provides excellent facilities for track events, well designed fields and courts along with separate gymnasium for boys and girls. Our students participate regularly in university tournaments and

have shown an excellent performance in session 2010-11

Extra Curricular Activities

Besides academic, Students are encouraged to take active part in extra curricular activities viz. Debate, Dramatic, Literary, Fine arts, photography club, Singing, International women's day celebration, GK quiz, Republic Day celebration, Environmental day, Engineering Day etc.

Value Education Cell

The value education cell was setup in Bhaddal Campus under the Chairmanship of our Worthy Chairperson Ms. Kulwinder Gurcharan Singh.

The objectives of the cell are

- To live a fulfilling life by living in harmony with oneself, with family, society and nature
- To ensure human beings valuable participation and contribution to nation and worldwide growth.

Counselling Services

Counselling services is available for individuals who require personal support. This service is offered through a workshop or personalized settings and is kept strictly confidential.

Industrial Tours

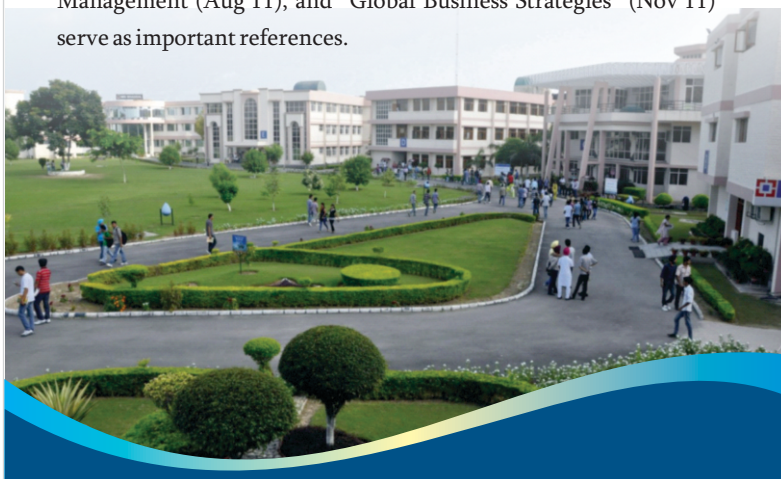
To compliment the academic curriculum, students are taken around various industries in the respective fields of specialization.

Seminars

Expert and Motivational Lectures, Seminars and Workshops are conducted by eminent academicians and professional personalities to keep students abreast with the latest development in science & technologies

Bhaddal Tech. Publications

Bhaddal Tech. Publications at Bhaddal Campus was initiated in May, 2011. It concentrated on job related published work contributed by the academicians, research scholars to the National Conferences, Seminars & Synopsia held at various institutes of Bhaddal Campus in the field of advancement in Technology, Management, Society & Language. These books basically serve as reference material published with ISBN number. Recent books published on Human Values & Society (May'11), Power Management (Aug'11), and Global Business Strategies (Nov'11) serve as important references.



Research & Development

The campus motivates faculty members to get themselves involved in Research and Development Activities. Various faculty members have attended the courses under CEEP/QIP/Summer/Winter Schools at reputed institutes in order to enhance their skills.

During 2010-11, number of research papers have been published in various Journals/seminars proceedings of the conferences. Apart from the above activities, the faculty from different departments have attended different short term courses. Different departments also organized national level Conferences/Expert Lectures/Workshop /Seminars as Short Term Courses on Campus.

Rural Development

Rural Development wing of the institute is playing important role for socio economic development of the surrounding rural area since 2001. Under this programme vocational activities viz. Stitching and Embroidery center is being run for rural girls drawn from villages.

Rural Libraries in four villages are also being run by the institute.

Food Preservation Camps, Free Medical & Eye check-up camps, Rural Self Employment camps, Drug De-addiction Camps, Dairy and Poultry training, Vocational Training and Modern Farming training camps are being organized from time to time. As many as 33 Animal Welfare Camps have been organized at different villages. More than 3159 farmers have attended these camps and 4227 milch animals have been checked up and given free medicine.

An exhibition plot of banana cultivation has also been established in Bhaddal Campus.

IET Bhaddal School wing was established in Bhaddal Campus (2007) to motivate rural students to take up science stream and prepare them to join various professional courses.





College of Architecture

Course offered

A- 5 year degree course in Architecture leading to award of B. Arch. Degree is offered by college of Architecture.

The College is approved by Council of Architecture, All India Council of Technical Education (AICTE) and Govt. of Punjab.

The College is affiliated to Punjab Technical University, Jalandhar.

Sanctioned intake

Sanctioned Intake for pursuing B. Arch is 40 out of which 13 seats are available under the Management Quota to be filled based on guidelines issued by State Government and Punjab Technical University, Jalandhar.

Already five batches of B. Arch. Students have passed out of the Institute.

Eligibility

Admission to B.Arch program is offered to students having passed 10+2 Scheme of S.S.C.E. or equivalent with Mathematics as subject of Examination with 50% Marks.

or

10+3 diploma (any stream) recognized by Centre / State Government with 50% marks in aggregate

and

National Aptitude Test in Architecture administered by the Council of Architecture (COA).

Shaping creativity and innovations

The college provides well designed and esthetically built, spacious design studios, State of the Art Computer Lab with Internet facility of 16 Mbps are available round the clock. Well equipped carpentry shop, material lab , welding shop and well equipped survey lab etc for shaping creativity in students and generating innovative ideas in students are also available.



Infrastructure for better learning

The Institute offers well stocked and exclusive library for students of Architecture with Latest Architecture related Magazines/ Journals and e-Journals, Latest audio-visual CDs of projects, accessibility to



central library with more than 40,000 volumes.

The college also offers excellent infrastructure for learning, sports & extra curricula activities.

Well equipped separate hostels for boys and girls are available in the campus.





Institute of Management Studies

MBA (Master in Business Administration)

BBA (Bachelor in Business Administration)

BCA (Bachelor in Computer Applications)

The Campus

Where modernity is blended with tradition. The Institute of Management Studies Bhaddal is located in the lap of lush green campus of IET Bhaddal having the picture perfect environment supportive of the learning process. The peaceful, pollution free area and excellent infrastructure facilities make IMS BHADDAL an ideal setting for academic pursuits. IMS is duly approved by AICTE, Ministry of HRD, Govt. of Punjab and is affiliated to PTU, Jalandhar. It has been the endeavor of the Institute to make its students management savvy, so as to train them to be world class managers.

Infrastructure

Institute of Management Studies Bhaddal has tastefully designed state-of-the-art buildings. IMS Bhaddal has created huge infrastructure to impart training in various streams of Management. The IMS Bhaddal campus with approx more than 3.75 acres of built up area spread out in an area of more than 50 acre of prime land in the beautiful and picturesque surroundings speaks volumes about the infrastructure of the Institute.

Faculty

A highly competent teaching faculty is working tirelessly to meet the institutional goals and form a strong backbone for quality and discipline in education

International Collaborations



IET Bhaddal signed Memorandum of Understanding with Murdoch University, Perth, Australia, according to which students who have successfully completed two years of a 4 year B.Tech degree in Computer Science and Engineering, Electronics and Instrumentation Engineering, Electrical and Electronics Engineering and Mechanical Engineering will be eligible for pursuing 3rd and Final year at Murdoch University, Australia. The degree will be awarded by Murdoch University after successful completion of the course.



The Institute has also signed Memorandum of Understanding with Wayne State University, Detroit, Michigan, USA



British Columbia State University with active association of Thomas River University, Camploos (British Columbia) offered to collaborate in the field of faculty exchange, Student exchange and research under which a delegation of students of Business Studies, Thomson River University visited the campus and interacted with the students of management of Institute of Management Studies, Bhaddal, Ropar (Punjab).

BHADDAL INSTITUTES



Institute of Engineering & Technology

www.ietbhaddal.edu.in



College of Architecture

www.coabhaddal.org



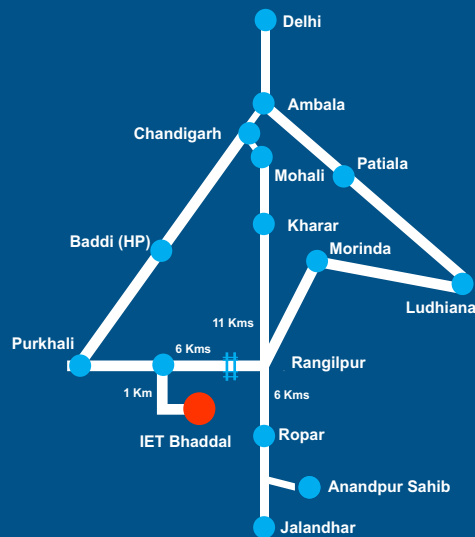
Institute of Management Studies

www.imsbhaddal.org



IET Bhaddal School Wing

How to Reach



Toll Free 1800 180 2625

Admission Helpline

7837336450, 98159 02698 (Engineering)

7837336414 (Architecture)

7837336466 (Management)

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