

# ACHIEVEMENTS THROUGH EFFORTS

10 NATIONAL  
**LEVEL**  
WORKSHOPS  
CONDUCTED  
IN THE COLLEGE

321 STUDENTS  
**SECURED**  
MERITORIOUS  
POSITIONS IN  
UNIVERSITY  
(TILL DATE)

FIST GRANT  
**RS.80**  
**LAKH**  
FROM DST

27 ACETIANS  
**CAPTURE**  
**OVERALL**  
TROPHIES IN  
TECHFESTS

**RANKED**  
**AAA BY**  
**CAREER**  
360<sup>0</sup>

**2678**  
**STUDENTS**  
**PLACED IN**  
173 COMPANIES  
UPTO MARCH 2016

**BEST**  
**ENGINEERING**  
**INSTITUTE**  
BY SECRETARY  
GENERAL INDIAN  
ACHIEVERS

**BEST**  
**EDUPRENEURSHIP**  
**INSTITUTE**  
BY  
ENGINEERING  
WATCH

**EXCELLENT**  
**INSTITUTE**  
**FOR**  
CORPORATE TRAINING  
BY NATIONAL  
PUNJAB EDUCATION

ACET Amritsar is among top 22 engineering Institutes in the country  
A UGC Autonomous Engineering College

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# WELCOME TO ACET

## AN INSTITUTION HAVING DISTINCTIVE JOURNEY WITH ILLUSTRIOUS MILESTONES

### JULY-2002:

ACET Established B.Tech (CSE, ECE, IT & ME). Started 1st Engineering College in Amritsar Region

### SEPT-2006:

Campus Placement Started. 1st Company Visited ACET

### APRIL-2007:

Infosys Visited ACET for first time for Campus Placement

### FEB-2009:

Accreditation by (National Board of Accreditation) NBA. 1st Engineering College in Punjab to Achieve this Distinction

### MARCH-2009:

Academic Partnerships with CISCO, Sun Microsystem, Oracle to offer Certified Courses on the Campus

### JULY-2011:

Award for "Best Engineering Institute with quality infrastructure from Northern Punjab" by Secretary General Indian Achievers Podium

### MAY-2012:

Accreditation by National Assessment & Accreditation Council GRADE "A" (NAAC)

### DEC-2012:

Center of Excellence with DATA 64 & highest salary package offered to ACET by DATA 64 @Rs. 10 Lacks per annum

### FEB-2013:

Award for Best Edupreneurship for Engineering by Engineering Watch

### NOV-2013:

Awarded the best Engineering College of Cooperate Training in the Punjab in the Year 2013 by AICTE & CMAI Association <sup>3</sup>

### JULY-2014:

UGC granted autonomy to ACET under section 2(B), UGC Act 1956

### JAN-2015:

Implementation of Autonomy in consultancy with Industry

### APRIL-2016:

Amazon visited and offered highest salary package of 15.5 lacks per annum to ACET students

### MAY-2016:

Accreditation by (National Board of Accreditation) NBA Twice.

### NOV-2016:

FIST Grant of RS.80 LAKH from DST

### ASPIRATIONS that TRIGGER GROWTH INNOVATIONS that DRIVE EXCELLENT MASTERMINDS that STEER SUCCESS

A sweeping wide view of the huge campus, structured impeccably and architected beautifully; welcomes you to Amritsar College of Engineering and Technology (ACET), Amritsar.

We make the achiever in you reach out to its potential. We make the aspirer in you weave new aims and goals.

We make the seeker in you look for excellence in everything. With new challenges that the world poses today, ACET is a place where we equip you with the expertise to learn and implement your know-how in a constructive manner.

Known for its enriching experience, our campus is an institution that's looked upon for innovative practices and distinguished attributes. We value the significance of commitment and truthfulness that are building blocks of our existence.

Come and unfold your potential at ACET, where years of technical expertise has built an atmosphere of mutual growth and success.

It's the time to start from where you could go a long way





PICTURE  
YOUR **FUTURE**  
WITH US

Covering all levels of study from theory to practicals through Industries specific training and effective placement, we help you to enhance your qualifications and skills required to achieve your dream career. Being a UGC Autonomous Engineering College (UGC has given Autonomy only to 93 out of total 4000+ Engineering Colleges), we design our programmes specific as per the Industry requirements. Our centres of excellence like Robotics, Automobile and Big Data (8th lab in the world, 2nd in India and 1st in North India) ensure that when you complete your course you leave confident and ready for the future.





# WHY CHOOSE ACET

With a track record to be the reason enough, we still have our top 5 for WHY ACET?

## TOP 5 Reasons why choosing ACET means choosing EXCELLENCE.

1

### AUTONOMOUS

University Grant Commission (UGC) New Delhi has granted ACET, Amritsar an Autonomous Status recognized under section 12(B) of UGC Act, 1956. Only 2.1% Engineering College in India are Autonomous. ACET is the 1st Autonomous College of a Govt. University, in Punjab.

2

### ACCREDITATIONS

Duly approved by All India Council for Technical Education, ACET is the 1st Institute of Punjab having obtained NBA (Twice) and NAAC (Grade "A") Accreditations.

3

### ACET means PLACEMENTS

DNA of ACET is placements; so is the slogan, ACET means Placements.

4

### CENTRE OF EXCELLENCE

Boasts of industry collaborated "Centres of Excellence"; the Institute offers industrial knowhow and technical expertise.

5

### INTERNATIONAL COLLABORATIONS

ACET has collaborated with prestigious international universities like Canada, USA, Australia, South Africa, Russia & Spain. Providing maximum exposure to students is of paramount importance to ACET.





*Know me not what I am. My work only  
bears my Identity! God illumines my  
path to work to serve  
and*

*with folded hands I entreat His Grace To  
grant me vigour & vision ever fresh To  
serve humanity so long I live on Earth!*

*- Always grateful to-Almighty & His fellow beings -*

**Amit Sharma**  
Sr. Advocate  
Chairman & CEO

## VISION

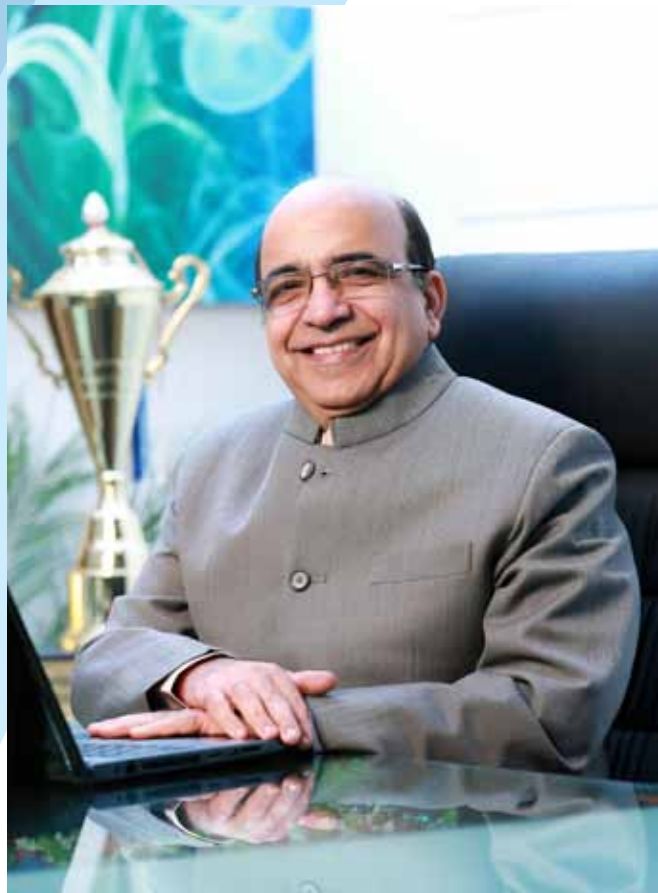
To produce Engineers with highest calibre by imparting Technical Education through Innovative and analytical approach with an objective to create valuable resources for Industry and Society.

## MISSION

- To provide latest infrastructure conducive to innovative learning
- To Establish Centres of Excellence to enhance Academia Industry Partnership
- Focus on specialized practical oriented teaching to develop analytical ability among students
- To empower students with the required skills to encourage Entrepreneurship and enhance Employability



## From the Desk of the Managing Director



*“Be the best of what you can be.”*

It's indeed a privilege to introduce you to the Amritsar College of Engineering & Technology, Amritsar - an institution that has pioneered at many fronts including being affiliated to the Punjab Technical University. We have always considered it as our primary responsibility to confer an ethic; oriented educational atmosphere that blends with its innate sense of commitment and transparency.

We are proud of the key industry experts associated with the institution that help us focus on academic, professional and cultural practices being offered with right attitude, so as to develop a sense of skill based learning for our students. This explains our interdisciplinary approach that consists of leaders that possessing proficiency and expertise in working with private, public, and government organizations, both in Punjab and across the country.

Our strong belief is the fundamental basis of human development that explains the involvement of education in building the future professionals and impacting a human life remarkably has helped us look at our courses from a progressive angle.

13 years of outstanding experience and performance, unparalleled achievements that reflect our capabilities and the never-ending endeavor that makes every day exciting forms the crux of why we are the preferred institute when it comes to placements in top notch companies of the country.

The idea is to create an inspirational environment for our staff and the students and help them to comprehend their individual potential and aspirations. Our highly qualified, experienced and professional team of counseling personnel is closely associated with high calibre educational establishments and companies. We polish your ambitions, whether it is to be placed in a reputed organization or to fly abroad for further dreams. We are there to help you to connect the dots in an effective way.

**Dr. Rajneesh Arora**  
Managing Director

## From the Desk of the Principal



*“A relentless endeavor to rise above aspirations”*

Growing spirally over the years with a go-ahead attitude in implementing and executing ideas, the Amritsar College of Engineering and Technology (ACET) has come a long way. From the grass root level, it has found success in reaching out to the heights of eminent success propelled by a strengthened vision to serve the nation and the society.

We look out for ways that ensure that our students are fully equipped in a competent way to take things head on in the corporate world. Bringing together efficient resources, professional faculty and perpetuating a global atmosphere in the campus, our efforts lie in raising students as future technocrats with the help of an evolved syllabus propelling their thought-process.

There's a lot that goes into structuring our courses, picking the best faculty for each module, exposure to latest technologies, all apart from excellent traditional class room teaching - that sums up a power-packed growth environment for the students. All this comes along with multimedia supported e-classroom teaching that plays a significant role in promising greater exposure to advanced ways of learning.

Our state-of-the-art labs for each department offer a practical exposure and enhance the professional skills which get the ball rolling for internal assessment of capabilities for every student. Specialized training on the latest technologies is imparted through our various Centres of Excellence.

ACET's MOU with world-class Universities enables superior training of our students and opens the door of opportunities for higher studies.

It has been a fulfilling journey and there is much more to accomplish. I invite you with all humbleness to join us and be an integral part of the ACET family.

**Dr. V. K. Banga**  
Principal

**“We are making our students to be the best technocrats by offering latest curriculum as per Industry need so that they can implement their knowledge for building up the new technologies.”**



# THE BEGINNING TO AN EMPOWERED FUTURE

13 acres of strikingly breathtaking landscape welcomes you to a Campus that encompasses a holistic environment to free your imagination unbound. It's a well-planned and thoughtful green environ that surrounds the complex, giving you the intellectual stimulation with its grace and grandeur.

Located 12 km from Amritsar near Manawala, the ACET is located impressively on the right side of the G.T. Road. What you have just spotted is the hub where you would not just imbibe education, but step into a zone of academic excellence for the next few years.

"Education is not preparation for life; education is life itself." ~ John Dewey

Our accreditations speak out the efficacy with which the Amritsar College of Engineering and Technology has established itself at par with globally renowned institutions all over the country. Approved by AICTE, New Delhi and affiliated to Punjab Technical University, Jalandhar, ACET is the landmark for those who have set out to create a remarkable career.

Incepted in the year 2002, a need for quality education imparted the right way, was identified and since then the institute boasts of meritorious students taking admission year after year. Ever since the institute has:

- SEEN IMPROVED JEE & CMAT RANKINGS
- STEADY INCREASE IN STUDENT INTAKE (FROM 240 IN 2002 TO 1497 IN 2015-16)
- TREMENDOUS ADVANCEMENT IN THE COLLEGE INFRASTRUCTURE
- ENHANCED ADAPTABILITY TO ADVANCING NEEDS AND TECHNOLOGY TRENDS

IT'S THE COMING TOGETHER OF INNOVATION AND THE CONSISTENT STRIVE FOR PERFECTION AND KNOWLEDGE THAT MAKES THE STUDENTS GO BACK WITH STRONG VALUES, WHILE STILL BEING THE MOST FLEXIBLE MINDS ADAPTABLE TO CHANGING NEEDS.

WITH A CLEAR FOCUS ON CHANGING TIMES THAT ASKS FOR QUICK AND FASTER ADAPTABILITY TO EDUCATION SYSTEM THAT'S RELEVANT, ACET DRAWS A PICTURE THAT BRINGS ULTIMATE CLARITY TO BRILLIANT MINDS.

THE CONSTANT DRIVE FOR INNOVATIVE TEACHING METHODOLOGY AND BEST IMPLEMENTATION OF ITS FINELY DESIGNED PRAGMATIC PROGRAMMES, THE REPUTATION OF THE INSTITUTE IS SOMETHING THAT SPEAKS A LOT FOR ITSELF.



# WHAT OUR STUDENTS SAY ABOUT US



“ ACET is the best college in the region to provide quality education and job opportunities to the students. I am very thankful to the faculty and placement cell of the college for helping me to grab this opportunity provided by the college. ”

**Manpreet Singh from CSE Placed in Capgemini**



“ The credit for the placements goes to the placement cell along with the classes of CL team...who have worked very hard from last 2 semesters on the aptitude and communication skills of the students...a thanks to all the teachers and my parents who were always there for me... ”

**Bhavneet Kaur from ECE Placed in Capgemini**



“ Placement experience was very great, the college faculty and the placement dean every one had been so cooperative that I actually had no trouble with my subjects or anything. Infact, an additional support was provided that raised my morale and encouraged me to give my 100% in the placements. Moreover, the HRs were quite friendly, that gave an additional boost to my hard work and I could easily crack all the three rounds(group discussion, personal interview, telephonic interview) I thought won't be able to make it through. I wouldn't have been able to do this without the additional workshops that were arranged for the placement preparations for the betterment of the students. I will always be grateful to my faculty members and our placement dean for helping me initiate my career. ”

**Bhavleen Kaur from B.Tech Placed in ARTECH**



“ Last 4 years have been a roller coaster ride for me. But these were the teachers and friends who kept my spirits high all the time. Moreover the environment, facilities and resources provided by college played a significant role in my overall development, and the best part the Placement Cell played a vital role in fulfilling our dreams , never seen a hard working team that keeps on pushing their limits to provide what's best for students career. ”

**Karanbir Singh from CSE Placed in Chimes Group**



“ Last 4 years have been a roller coaster ride for me. But these were the teachers and friends who kept my spirits high all the time. Moreover the environment, facilities and resources provided by college played a significant role in my overall development, and the best part the Placement Cell played a vital role in fulfilling our dreams , never seen a hard working team that keeps on pushing their limits to provide what's best for students career. ”

**Bhawna Sharma from ECE Placed in Capgemini**

# RECRUITER'S SPEAK



**Ayush Vyas**  
**Senior Manager – HR**

It was a great experience to be in Amritsar due to AIT. The hospitality and commitment exhibited by the entire placement team took away the weariness of the journey. The spiritual ambience of the town was only bettered by the placement team under the guidance of Mr. Jaitly.

The college offered good infrastructure and was open to feedback. Students were vocal and were willing to participate. Some of them are already part of Collabera and we are looking forward to them making it big in Collabera. One remarkable attribute was that most students came with a strong personal value system – mostly perhaps due to the city, Amritsar but definitely college does have a role to play.

Thanks!



**Sonal Arora**  
**Appirio**

I have been associated with ACET for the last 3 years and quality of students we have hired have always exceeded our expectations. Very dedicated and highly professional team of mentors to shape up the young minds. Thank you for outstanding contribution to IT industry.



**Usha Mehta**  
**Steria (India) Ltd., Noida**

“Students at ACET are well groomed. It was a good experience recruiting at ACET. I wish ACET & its students a great future ahead.”



**Sanjay Mehlaawat**  
**Luminous India**

ACET's talented stuff with required caliber to stick to the oath of quality makes me a curious aspirant to be associated with it as an employer in the long also.



**Tanvi**  
**HR Associate,**  
**Group Ten**

Amritsar College of Engineering and Technology is a student-centric university offering a full range of academic programs at the undergraduate and postgraduate level. ACET's course structure provides students a strong foundation in various disciplines while enabling them to gain mastery of the subject of their choosing. Taught by world class faculty, education at ACET is designed to develop students with the breadth of vision, knowledge, skills and attitudes required to succeed in the careers of the 21st century.  
Good Luck for your Endeavour's."



# PROUD ALUMNI



I strongly believe that there are better and rigorous ways of transforming novice students into expert engineers. Carrying this belief, i decided to get my B. Tech and M. Tech in "Electronic and Communication Engineering" here at ACET (Amritsar College of Engineering and Technology).The biggest factor in my decision to study at ACET was my desire to learn more and do transformation in Telecommunication sector.

I knew that engineering education would be challenging and involve a lot of creativity and diligence. ACET combined many of my strengths and passions which transformed me into Telecom Professional.

**Mukul Sharma**  
*Project Manager- MTN Africa*



It gives me immense pleasure to say with pride that I have completed my post-graduation from Amritsar College of Engineering and Technology. The relationship between the professors and students is very cordial, which gave me an opportunity to excel in my area of interest. The three years spent here were splendid and I evolved as a student, professional and most importantly as a person. I thank ACET and the entire teaching and non teaching staff for transforming me from simply a student to a business ready professional.

**Sakshi Goswami**  
*Lead Solution Advisor, Deloitte*



Amritsar College of Engineering and Technology provided an exceptional educational experience. The dedicated faculty, well-equipped labs and placement cell, helped elevate our education to above all else. The four-year degree gave me ample skills to shine in this competitive job industry. The faculty worked hard to provide employment opportunities and helped enhance interview skills. Through tremendous dedication and mentorship provided by the faculty, I was selected for a position at Tech Mahindra before graduation.

**Aasveen Kaur**  
*iOS Developer/Technical Writer  
Microsoft, USA*



A proud Alumni of ACET, who got selected in IIM Ahmedabad for MBA. After completing his MBA now going to pursue a higher education programe at Stanford University, USA.

**Kanan Nargotra**

[facebook.com/itsmekanan](https://facebook.com/itsmekanan)





# INTERNATIONAL COLLABORATION

ACET aims to create a platform for its students to pursue their higher education abroad. To fulfill the aim, ACET has established an office for international affairs, under which TEAM ACET is putting consistent efforts to collaborate with universities and colleges of international repute.

Following Universities have signed an MOU with ACET for its students to pursue their higher education in their campus after completing their studies at ACET, Amritsar.



**Samara University, RUSSIA**, has signed an MOU for students of all branches of Engineering to pursue their higher education.



**CESMA**

**CESMA Business School, SPAIN** has signed an MOU for students of all branches of Engineering to pursue their higher education.



**University of the Fraser Valley, Canada**, has signed an MOU for students of B. Tech Computer Science & Engineering, B.Tech in IT and BCA for higher education and six months Industrial Training.



**Regenesys Business School, Johannesburg** has signed an MOU for students of MBA for Industrial Training and higher education.



**University of California Santa Cruz**, has signed an MOU for students of ACET for Industrial Training.



Huawei has authorized ACET to impart trainings on HCNA-R&S and HCNA-WLAN courses to their students, which may be extended to other fields in future.



International Internship through AIESEC



## Making Global Education an Opportunistic Possibility!

ACET's world-class environment and superior education system extends a warm welcome to international students who seek quality education in India. It has always been our priority to make the experience a globally acceptable one and enable the conflation of different cultures to promote intermixing of various schools of thoughts.

ACET is an EdCIL India Limited (Govt. of India enterprise) partner Institute and being host to students from various countries like Nepal, Bhutan, Sri Lanka, Burma, East Africa and other countries through EdCIL India. Students from various cultures have been an integral part of our institution. ACET reserves 15% of its total seats for PIOs. With benchmark accreditations, NBA & NAAC that stamp the quality intechanical education imparted by ACET, we are proud of our dynamism that lays great emphasis on growing by way of learning.

Our ability to extend learning experience of global standards and in sync with the ever-challenging corporate world is sealed by our association with ORACLE, CISCO & SUN Microsystems that provide certified courses to our students. This empowers our students with sharpened technical skills and adds know-how apart from the University Curriculum. This along with added stress on practical training makes each student of ACET globally employable.

We have established a benchmark identity with our Centres of Excellence that are highly advanced and promising; Robotics & Industrial Automation; Solar Energy & Auditing; Refrigeration & Air-conditioning; DATABASE with the collaboration of Big Data (2nd Lab in India); Cyber Hacking with the collaboration of Data 64; Android Technology with the collaboration of Magneto, Android & Cloud Computing with the collaboration of Idea Pot Technology); Facility for International Certification in OCA & OCP (Provided by Oracle Education Pvt. Ltd.); JCP (Provided by Sun Microsystems); CCNA & CCNP (Provided by Cisco).

### KEY SUPPORT SERVICES for INTERNATIONAL STUDENTS

**One-to-One Counseling** - A confidential service extended professionally to students to discuss their personal and academic issues as well.

**Health Assistance** - Availability of medical service round the clock for the staff and students within the campus.

**Student Association** - Orchestration of cultural, social, sports and ethnic events by Student Association for well strengthened bonding and linking.

**Student Visa & Financial Assistance** - Support to International Students for Visa related issues apart from ATM facility within the campus.

**International Student Department** - Assured guidance from experienced and dedicated ISD for students day-to-day affairs.

**International Hostel Wing** - Special hostel wings for International students with air-conditioned and Wi-Fi enabled rooms and mess service. Ragging is strictly prohibited on and off campus including hostel as per the guidelines of hon'ble Supreme Court of India.

**International Student Committee**: ISC is dedicated to help students in time of needs and works for betterment of International Students exclusively.

**Scholarship Tie-up** - ACET has scholarship tie-ups with Universities from countries Singapore, Spain & Russia.

Dr. V. K. Banga, Principal- 9417800072 • Sh. Manoj Kumar, Registrar -9915760094 • Dr. Gaurav Tejpal, Professor & Dean - Campus Relations 9888300111 • Sh. Rakesh Jaitly, Dean Placement - 9988210419 • Sh. Sanjeev Sharma -9811378900 • Sh. Jayant Vats, Sr. Manager - Campus Relations 8872001950



**222+** INTERNATIONAL STUDENTS FROM  
NEPAL | BHUTAN | AFGHANISTAN | BANGLADESH  
INDONESIA | BURMA | THAILAND



# CENTRES OF EXCELLENCE

Making ACET the hub where ACETians could develop the most sought after industry skills, our Centres of Excellence are perfectly equipped with the latest technology that facilitates learning in a practical way. Each centre promises preparedness and enhances marketability of students to foster their aptitude for future challenges.

The objective of each COE is to extend a disciplinary and research-oriented approach to teaching and learning which we believe escalates an innovative attitude in students. Our special classes, initiatives and various events strengthen the academic performances and have proved to augment the learning experience in an enriching manner.

## ROBOTICS & INDUSTRIAL AUTOMATION



## NATIONAL INSTRUMENT LAB



## AUTOMOBILE TECHNOLOGIES



## BIG DATA - (8TH LAB IN THE WORLD AND 2ND IN INDIA)



**A Look Forward Approach for  
a Rewarding Future.**



# CHOOSE YOUR DEGREE

The College offers the following

## U.G. and P.G. COURSES:-

### BACHELOR OF TECHNOLOGY (B. Tech.)

S. N.	Courses
1	Civil Engineering (CE) B. Tech. (CE) with add-on Certification Course in Six Sigma Green Belt Certification in collaboration with QCFI, India.
2	Computer Science & Engineering (CSE) B. Tech. (CSE) with add-on International Certification in OCA & OCP in collaboration with ORACLE.
3	Electronics & Communication Engineering (ECE) B. Tech. (ECE) with add-on International Certification in CCNA & CCNP in collaboration with CISCO.
4	Electrical Engineering (EE) B. Tech. (EE) with add-on Certification Course in Six Sigma Green Belt Certification in collaboration with QCFI, India.
5	Information Technology (IT) B. Tech. (IT) with add-on International Certification in JCP in collaboration with SUN Microsystems.
6	Mechanical Engineering (ME) B. Tech. (ME) with add-on Certification Course in Six Sigma Green Belt Certification in collaboration with QCFI, India.
7	Plastic Technology (PT)*

### UNDER GRADUATE COURSES

S. N.	Courses
1	B.Sc (Hotel Management & Catering Technology)
2	B.Sc (Agriculture)
3	B.Com (Professional)
4	BCA
5	BBA
6	B.Sc (Fashion Technology)*

### POST GRADUATE COURSES - (REGULAR)

S. N.	Courses
1	Master of Business Administration (MBA)
2	Master of Computer Applications (MCA)
3	M.Tech. (Computer Science & Engineering)
4	M.Tech. (Electronics & Communication Engineering)
5	M.Tech. (Civil Engineering)*
6	M.Tech. (Mechanical Engineering)*
7	M.Sc. (Computer Science)*

NOTE :- \*Applied for.

## ELIGIBILITY CRITERIA:

### Bechelor of Technology

Duration : 4 Years / 8 Semesters

All those candidates who have passed the 10+2 examination from a board recognized or established by central/ state government through a legislation with Physics and Mathematics as compulsory subjects along with one of the following subjects:-

• Chemistry • Biotechnology • Computer Science and Biology

### B.Tech Lateral Entry (LEET)

Duration : 3 Years / 6 Semesters

All those candidates who have passed Diploma examination from an AICTE approved institution and have obtained at least 45% marks (40% in case of Candidates belonging to reserved category) in appropriate branch of Engineering / Technology shall be eligible to apply.

### B.Sc (HMCT), BCA, BBA

Duration : 3 years

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

### B.Sc (Agriculture)

Duration : 4 years

**Eligibility :** Atleast 50% Marks in 10+2 with Science Subject

### B.Com (Professional)

Duration : 3 years

**Eligibility :** Having passed at least +2 examination of Punjab School Education Board or any other examination recognized as equivalent thereto with at least: 33% marks in the aggregate in case of commerce students who have passed 10+2 examination

### Master of Business Administration (MBA)

Duration : 2 Years / 4 Semesters

All those candidates who have passed Bachelors Degree of minimum three years 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 Application (MCA)

Duration : 3 Years / 6 Semesters

All those candidates who have passed any recognized Bachelor's degree of minimum three years duration with Mathematics/ Statistics /Business Mathematics / Business Statistics / Quantitative Techniques as Compulsory/ Optional/ Additional Paper as one of the subjects either at 10+2 or at graduation level.

### Master of Technology (M. Tech.)

- Computer Science And Engineering (Regular)
- Electronics & Communication Engineering (Regular)

Duration : 2 Years

The eligibility criteria for admission to AICTE approved M. Tech. (Full Time/ Part Time) courses is regular B.E. / B. Tech. / M.Sc. (with specialization in respective branch) degree of Punjab Technical University or its equivalent with at least 50% (45% in case of candidate belonging to reserved category.)



Live lectures by faculty of IIT to QEEE programme



Digital Class Rooms in collaboration with Pearson. DigiClass's multimedia content - including animation, images, PowerPoint slides and other learning objects - helps teachers better establish this link.

Special Prepration for competitive exam

Prepared by Experts  
for an Evolving Mind.



# DEPARTMENT OF APPLIED SCIENCES

## About the Department

The Department of Applied Sciences & Humanities is the foundation of all the engineering streams. It provides essential knowledge about Engineering Physics, Engineering Chemistry & Environmental Sciences, Communicative English, Engineering Mathematics and Human Values & Professional Ethics.



**Department Faculty**

## Research & Development Laboratory

Research and Development laboratory viz., Renewable Energy Laboratory has been established with the help of the project sanctioned by the Science & Engineering Research Board, New Delhi. The objective of the project is to improve the properties of biodiesel.

Research & Innovation is one of the most essential requirements for young technocrats. R & D helps to explore and extend the vision of young minds & thereby develops the research temperament among them.

## Departmental Society - ASSET

Applied Sciences Society for Exploring Talent (ASSET) aims at nurturing the young technocrats with creativity, confidence and leadership qualities. Since its inception, the society has been actively organizing activities like debate, role play, extempore for the purpose of honing the communication skills of the students. The aim of Departmental society is to prepare the first year students for active participation in the events at the college and at the university level.



## Department Laboratories

**Engg. Physics Laboratory:** The state of the art laboratory compliments the theoretical knowledge with the instruments.

**Engineering Chemistry & Environmental Sciences Laboratory**  
: Spacious and well ventilated laboratory with all the requisite chemicals and apparatus helps the Engineering students to learn to convert chemical reactions into green reactions.

**Communicative English Laboratory:** Effective communication is the key to a successful career. We take special care to impart this skill with our ultra-modern laboratory. Along with regular classes, the lab can accommodate 32 students at a time, in different activities like group discussion, role play, mock interviews and extempore to improve their Spoken English. Making the experience seamless, the lab features 35 Pentium IV systems / 29" TV with DVD player / 2 miles with wall mounted speakers.



# DEPARTMENT OF CIVIL ENGINEERING

(B. Tech. with add-on Certification Course in Six Sigma Green Belt Certification in collaboration with QCFL, India.)  
(M.Tech. Civil Engineering)



**Department  
Faculty**

## Introduction

A branch of engineering which was in use even before the word 'Engineering' was coined, Civil Engineering holds a very special place in the growing world economy. Physical Infrastructures like High Rise Buildings, Flyovers, Bridges, Malls, Multiplexes, etc. are symbolic of a nation's growth. And it is the job of civil engineers to create man made marvels by planning, designing, constructing and managing such large projects and add up to the socio economic standards of a nation.

## Mission

To develop the leadership skills among the students by imparting education, experience and social point of view to excel in their profession and to commit themselves to human welfare and environment betterment while dispensing their professional duties.

## Objectives

To equip students with the best of knowledge for excelling in their field and contributing immensely to the Civil Infrastructure System

To keep the students updated with the latest trends and developments in the Civil

Engineering and make them understand ethical and societal responsibilities.

To maintain the global leadership position by advocating the most advanced engineering knowledge through research and scholarship.

## Job Prospects & Career Options

Civil Engineers never have a dearth of career choice. With the socio-economic growth the infrastructure need keeps rising in both Govt. and Private Sector. There are vast opportunities in research and teaching institutions, project consultancy and quality control organisation. In addition to Private, National and Multinational organizations, the premier organisations employing civil engineers are Public Works Department (PWD) of the state governments and Central Government (CPWD), Railways, Development Authorities, Housing Boards, Industrial Development Authorities, Municipal Bodies, Improvement Trusts and City development Authorities, Central and State Public Sector undertaking like NBCC, HUDCO, RITES, CPCB, PIDB, PUDA, DDA etc.

## Department Laboratories

To prepare the students with practical and theoretical knowledge to excel in the field of Civil Engineering, we provide spacious and well equipped labs and fully updated library. Boasting of huge infrastructure, the Department has following Laboratories:

Survey Lab • Structure Analysis Lab • Geotechnical Engineering Lab • Transportation Engineering Lab • SOM Lab • Fluid Mechanics Lab • CAD/CAM Lab • Environmental Engineering Lab



# DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

(B. Tech. with add-on International Certification in OCA & OCP in collaboration with ORACLE.)  
(Master of Technology Regular)



**Department  
Faculty**

## **Centre of Excellence :**

- Big Data Analytics
- Cyber Security & Cyber Forensics

**Department profile:** Commissioned in 2002, the Department of Computer Science and Engineering is responsible to impart quality education in Computer Science & Engineering. In addition to under graduate courses, the department also offers regular and part-time M.Tech. Setting the standards a notch higher, our undergraduate students can also avail International Certification in JAVA & OCP courses from Oracle, CCNA and CCNP from Cisco and Networking courses from Huawei Technologies under Ideal Engineer Plan (IEP). With the help of learned faculty and alumni, the department focuses on industry-institute collaboration to provide real knowledge experience to the students by inviting reputed delegates from industry and academia.

We strongly believe that books are the best friends of students, so in addition to Central Library of college, we also have our departmental library with over 5500 books to keep our students updated with latest books for reference, preparation of projects, practical reports and articles on technology advancement and innovations in industry.

The Department has also established a unique Centre of Excellence in Big Data Analytics and Cyber Security & Cyber Forensics

**Subjects Offered:** Fundamental of Computer Programming & Information Technology, Programming in C++, Data Structures, Computer Architecture, Operating System, Microprocessors, System Programming, Computer Networks, Computer Peripheral and Interface, Relational Database Management System, Design & Analysis of Algorithm, Computer Graphics, Software Engineering, Web Technologies, Simulation & Modeling, Software Testing and Quality assurance, Cloud Computing, Artificial Intelligence, Theory of Computation, etc.

**Department Society-ACES:** To make our students excel, the ACET Computer Engineers Society (ACES), the technical society of department aims to boost technical and managerial skills of the students. Also focusing on overall improvement in the personality of students, the ACES organizes supplementary programs like Programming competitions, technical paper presentations & seminars, aptitude tests, group discussions, quiz, mock interviews, etc.

**Placements and Future Prospects:** With the openings for computer educated graduates in all major MNCs, our students have been placed in premier organizations like Amazon, Capgemini, TCS, Infosys, IBM, Saplabs, Hewlett Packard, Accenture, HCL, Oracle, Ericson, etc. with the lucrative packages. Computer education also opens the job avenues in sectors like Civil Services, Defense, Paramilitary Forces, Insurance, Banking, Research and other government organizations.

## **Department Laboratories**

- Programming Lab I - III
- Database Lab
- Research & Development Lab
- Hardware Lab

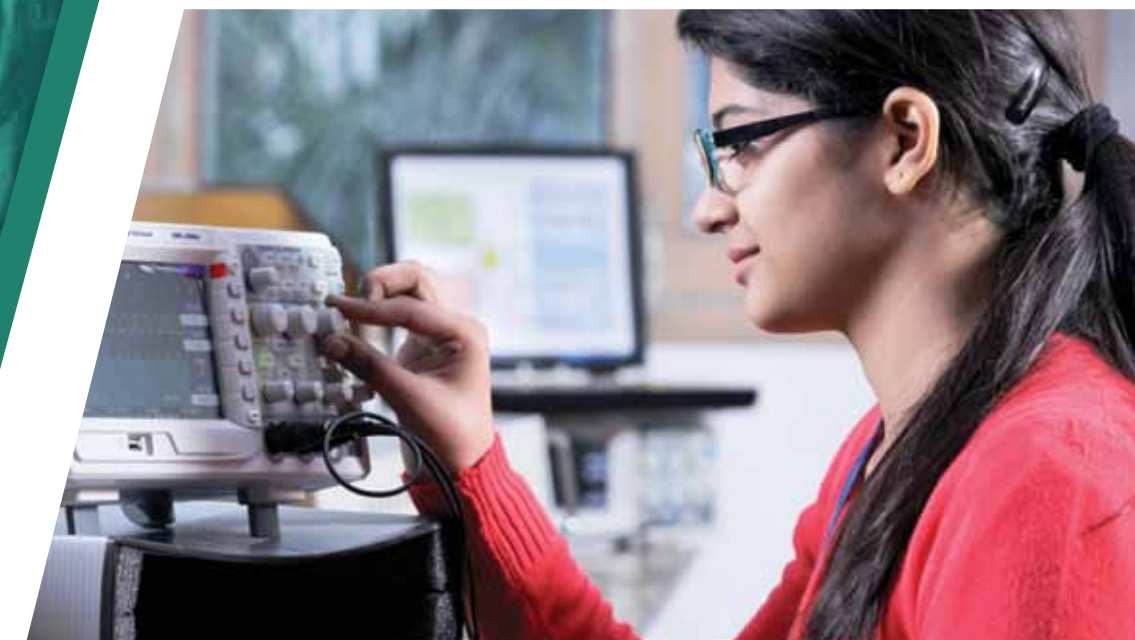


# DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

(B. Tech. with add-on International  
Certification in CCNA & CCNP in  
collaboration with CISCO.)  
(Master of Technology Regular)

## Department Laboratories

E.M.I. Bridges Apparatus, CRO, Function Generator, Galvanometer, Lissajous Pattern • E.D.C. Rectifiers Kits, Regulators, CRO, Transistor biasing Kits, JFET study pattern Kits • DIGITAL COMMUNICATION QPSK Kits, NRZ Kits, Manchester Coding Kits • A.C.S. A.M. Kit, F.M. Kit A.M. Demodulator Pulse Modulation Kits, P.A.M. Kits, P.P.M. Kits, P.W.M. Kits, S.S.B. Modulator & Demodulator • M.P. 8085 M.P. Kits, Stepper Motors, Interfacing Cards • MICROCONTROLLER 8051 microcontroller Kits, 8031 microcontroller Kits, Interfacing Cards, Keyboards • DIGITAL ELECTRONICS Bread Board, Logic Kit, different IC's • VLSI LAB Number of Computers : 40, Software available: Xilinx, VHDL • DSP Number of Computers : 36, Software available : MATLAB Version-7 • LIC Differential Amplifier Kits, IC-555 Delay Kits, DC Regular power Supply Log-Antilog Ckt. OP-Amp. Characteristics • MICROWAVE Microwave Bench, VSWR Kits, Klystron mounts, Frequency Meter, microwave frequency generator • R&D 25 DELL latest configured PCs with internet access, Lab View Software, MATLAB Version 7, Wireless RF Hardware, NI Vector Signal Transceiver, LABVIEW



## Department Faculty

The Electronics & Communication Engineering is defining the way we communicate to each other using various devices and gadgets. This field has been increasingly becoming a first career choice for young talent. They plan, analyze, design, implement, operate, test and manage communication systems and networks. Under the supervision of dedicated faculty, students get quality education and hands-on experience with appropriate technical facilities

which are equipped to develop in-house projects and carry out R&D.

The core subjects offered are VLSI, Digital Signal Processing, and wireless communication. To promote research, the department is fully equipped with technical facilities like MATLAB software, VECTOR SIGNAL TRANSCIVER, LABVIEW, PXI, USRP and SINTEN for wireless research by **National Instruments, USA**.



# DEPARTMENT OF ELECTRICAL ENGINEERING

(B. Tech. with add-on Certification Course in Six Sigma Green Belt Certification in collaboration with QCFI, India.)



Department Faculty



The Department of Electrical Engineering aspires to create high-end technology practitioners for the knowledge driven world. Since its inception in 2004, the department has provided strong foundations for the students in the form of well equipped laboratories with state of the art facilities. The team of well qualified and experienced faculty is working tirelessly to meet the real world challenges and advancements in the field of Electrical Engineering like Networks and Power System Analysis, Control System, Power System and Optimization etc.

It is our belief that education flourishes when the learners solve real life problems for the masses in a cost effective way by using knowledge and the latest technology. In order to accomplish this, focus is given on:

- Delivering regular course curriculum in the context of industry problems and solutions
- Training to address current and future trend of industry
- Project implementation with real life scenarios

The department also organizes Guest Lectures, Seminars and Workshops for the students to hone their technical skills.

The department has also established a society named "SPARK" which provides platform to the students for collaborative growth by self motivated action to enhance their managerial skills in addition to their technical skills.

## Department Laboratories

**Machine Lab-I** DC Machine, Transformer

**Machine Lab-II** Synchronous Machine & Synchronous motor with different Experimental Panels

**Power System Lab-II** Different protection relays & Circuit Breakers with different panels

**BEEE Lab** Experiment panel and kits for Basics of Electrical & Electronics Engg.

**CAPSA Lab** 30 PC's with latest Configuration, E-Tap/MATLAB Software



# DEPARTMENT OF INFORMATION TECHNOLOGY

**(B. Tech. with add-on International Certification in JCP and OCP in collaboration with Oracle)**

## Department Profile

Department Profile: Information Technology is a huge growing sector and is leading the ever growing need to explore, record, report and disseminate information. The Department of Information Technology keeps the syllabus dynamic to let the students explore the vast dimension of IT to achieve enriching and innovative experience. Developing inquisitive attitude among students to garner maximum knowledge through practical's, the faculty ensures that each student gets ready for challenging IT jobs in corporate sector.

Apart from regular curriculum the department also offers international certification in JAVA & OCP from Oracle, CCNA & CCNP from Cisco and Networking courses from HUAWEI Technologies under Ideal Engineer Plan that provides edge to students over their peers.

Exposing the students to the latest techniques for secure internet access and teaching various investigation and analysis concepts related to cyber-crime the department boasts of a Centre of Excellence in Cyber Security and Cyber Forensics. The department has also established Centre of Excellence in Big Data Analytics to provide in depth knowledge of techniques and technologies relevant for big data management.

Encouraging students to get knowledge from their immediate surroundings and boost their confidence, the Department's society, 'TECH-IT' conducts various technical and non-technical events throughout the semester.

The Department has strong alumni in the IT majors like TCS, Infosys, Cognizant, Accenture, Dell and Capgemini etc. This in turn further facilitates the institute-industry interface program where students get a chance to interact with professionals and have the inside view on application of campus knowledge in their domain.

## Department Library

Information technology is a quickly growing sector with real fast development. To support the classroom education, the Department has a dedicated library equipped with collection of technical books based on latest technology, monogram of various courses, E-books, CD's practical reports, seminars and articles on new technological advancements and innovations in industry.

## Core subjects

Problems solving and Computer Programming, Data Structures and Algorithms, Computer System Architecture, Object Oriented Programming C++, Operating System Concepts, Database Management System, Computer Networks, Software Project Management, Network Programming, Theory of Computation, JAVA, Cloud Computing, Web Technologies, Cyber Laws & Information Security.



**Department  
Faculty**

## Centre of Excellence :

- Big Data Analytics
- Cyber Security & Cyber Forensics



## Department Laboratories

- Programing Lab-I
- Operating System
- Database Lab
- Project Lab
- Programming Lab-II





# DEPARTMENT OF MECHANICAL ENGINEERING

(B. Tech. with add-on Certification Course in Six Sigma Green Belt Certification in collaboration with QCFI, India.)  
(B.Tech. Plastic Technology)  
(M.Tech. Mechanical Engineering)



Department Faculty

## Department Laboratories

- Manufacturing Processes
- Strength of Material
- Automobile Engineering
- Applied Thermodynamics
- Industrial Automation & Robotics
- Engineering Material & Metallurgy
- Refrigeration & Air Cond.
- Heat Transfer
- Theory of Machines
- Mechanical Vibrations
- Mechanical Measurement & Metrology
- CAD-CAM/ Numerical Methods
- Computer Graphics
- Fluid Mechanics
- Fluid Machinery
- Major Project Lab

## Department Workshop

- Carpentry/Pattern Making Shop
- Foundry Shop
- Machine Shop
- Smithy/Forging Shop
- Welding Shop
- Fitting Shop
- Sheet metal Shop
- Electrical & Electronics Shop
- Drawing Halls



### **New practical knowledge enhancement initiatives:**

*All air-conditioners of the college are being repaired by the students of Mechanical engineering. Repaired AC's are successfully running in the college. This practice will be continued for the next practical assignments in refrigeration and air-conditioning lab.*

*In automobile laboratory, the students during their practicals are given special assignments to dismantle and assembly of two-stroke and four-stroke automobile engines. In addition we have procured a 4-cylinder diesel engine (TATA indigo make). Special practical exercises are designed for dismantling, assembly and repair of IC engines.*

### **Vision of Department:**

We aspire to be among preferred engineering branch in northern India engaged in shaping up globally competent and well chiseled technocrats so as to emerge as an epitome among all engineering branches.

### **Mission of Department:**

- To provide fully developed technical environment to the students to hone up their technical skills by imparting quality education.
- To create congenial environment for the faculty so that they help the students to achieve their desired goals
- To promote research, development and consultancy programs.
- To create/built infrastructure making the global standards for imparting technical education.
- To create excellent student centric and supportive environment in the department.
- To achieve and retain quality at all levels.



### **Introduction:**

Mechanical Engineering has a vital role in shaping the real world; the systems we use, the mode of transports, the power systems and all basic necessities are powered by us. This branch of engineering deals in designing, manufacturing and maintenance of machinery used by all the other disciplines of engineering. The biggest advantage for mechanical engineers is that their career path is determined by their individual choice. The studies of mechanical engineers focus on material science, solid and fluid mechanics, thermodynamics, heat transfer, controls, hydraulic machines, design and manufacturing.

### **Department Profile:**

The NBA accredited (highest level of accreditation achieved by any department of engineering), Department of Mechanical Engineering was commissioned in year 2002 in ACET. Offering 4 years intense B. Tech. program, the intake is limited to 180 students where faculty can give personalized attention to all the students. We aim to develop leaders of tomorrow and delve into research to address major technological hurdles. Our state of the art laboratories don't just cater to the undergraduate curriculum but also supports research in other interdisciplinary areas.

Being autonomous institute our curriculum has been designed in a way to fill the gap between class room knowledge and actual industry norms. We ensure that our students pass out to face the challenges of real world which includes a thorough understanding of the environmental, socio-economic, regulatory and ethical issues associated to the engineering profession.

The apt combination of research and industry-led courses is ultimately resulting in shaping the industry leaders out of our students.

### **Core Subjects:**

Applied Thermodynamics, Theory of Machines, Strength of Materials, Machine Design, Mechanical Vibrations, Heat and Mass Transfer, Refrigeration and Air-conditioning, Fluid Mechanics, Fluid Machinery, Mechatronics, CAD /CAM, Industrial Engineering, Metrology and Instrumentation, Industrial Automation & Robotics.

### **Department Library:**

The Department has its own library with a wide range of books, journals and magazines. It has over 5000 books at present, and has access to over 160 online journals under Science Direct.

### **Future Prospects:**

A degree in B.Tech in Mechanical Engineering prepares the students for any type of role, including manufacturing, equipment design, process design, and project management organizations. Since several companies have openings for mechanical engineers; the students have a wide range of companies to choose to begin their career.

Apart from this, B. Tech. in Mechanical Engineering makes students eligible to apply for any of the UPSC examinations, CDS, Defense services, and to a large number of Public sector undertakings like NTPC, NHPC, SAIL, GAIL, IOC, DMRC, DRDO, CSIO, CSIR, VSBI, RRI, etc. Students may pursue their career in Merchant Navy. Students may pursue their higher studies in any of the premium institutes through tests like GATE / GRE.

### **Department Highlights**

*Department provides Six Sigma Green Belt Certification to all the students.*

*Department has Centre of Excellence in Industrial Automation and Robotics.*

*Advanced Laboratory in Automotive Technologies.*

*Department is equipped with Pearson smart classes.*

*Study scheme as per Gate syllabus.*



# DEPARTMENT OF MANAGEMENT STUDIES

Master of Business Administration (MBA),  
Bachelor of Business Administration (BBA),  
B.Com (Professional)

"MANAGEMENT IS DOING THE  
RIGHT THINGS, LEADERSHIP IS  
DOING THE THINGS RIGHT  
*Peter Drucker*

## Department Facilities

- Information technology for Management
- Internet Lab
- Research Lab
- Reading Hall
- Library



Established in 2004, the Department of Management Studies has been a centre of learning and development. Flexibility in program and objective to impart true industry management knowledge drives the Department to evolve constantly and broaden the scope of education. Acting as a source of quality manpower for the industry, the Department ensures that all the students are well skilled to face the industry challenges with their prior campus experience.

Today, in this management era, MBA is most sought after degree, amongst the students. Thus it is important to have special training to stand taller and be the first choice of selectors. The two-year full time MBA program trains the students in managerial skills with practical knowledge and separates them from the regular MBA degree holder. Department also offers UG courses B.Com(Professional) and BBA which helps in enhancing skills & abilities of the students.

The department is proud to be well equipped with modern methods and teaching aids in addition to the dynamic and dedicated faculty to impart quality education. The latest versions of software, hardware, projector and high configuration computers assist our students to achieve the standards which are appreciated in the industry. The E-classroom is one of the prime features of the department which keeps our students updated with changing commerce scenario in India and at global level. The department also offers training on relevant accounting software such as tally. While classroom education is very important, department equally stresses on the need for industrial visits and guest lectures by industry experts.

**Departmental Society:** The departmental society "FUMES" (Future Managers and Entrepreneurs' Society) conducts various technical, non-technical and cultural events to improve management and communication skills, explore hidden talent, encourage creativity and inculcate team work among students.

The society organizes different competitions and contests like Instant Marketing, Caption Contest, Management Games, and Inter-college Business Quiz etc.

## Mission

The management studies aims at equipping the students with skills to solve real life managerial problems and develop workable solutions. It enables students to have a long term vision, apply logic and act entrepreneurially to take responsible steps for the well-being of a firm or a project.

## Master of Business Administration (MBA)

The first year syllabus of MBA consists of introduction to core areas of business administration. Depending on their aptitude and preferences, in the second year, students can opt for specialization out of Marketing, Finance and Human Resource Management.

To bridge the gap between theory and practice, students need to invest 6-8 weeks summer training after the end of first year. This way, students can apply their learning in actual form



Department  
Faculty



and can relate to the theories taught in the class. In the fourth semester students take up Research Project based on specific industry focused problems. Students get well equipped with managerial skill that helps to become smart corporate managers.

### Career Prospect

After MBA, students are well equipped to build a career graph in a corporate or become an entrepreneur and apply their skills in their own start-ups. The degree empowers one to develop a career in a range of fields like Investment banking, credit analysis, PSU, IT Sector, Banking, Venture Capital, Insurance, Brand Management, Advertising, Sales, Management Consulting, Recruitment, Training, Research & development, Fund Management etc.

**Duration** - Two Academic Years Comprising 4 Semesters | Admission to First Semester of MBA.

**Eligibility Criteria** - - All those candidates who have passed Graduation in any stream.

### Bachelor of Business Administration (BBA)

**Career Prospect** - The BBA program is the foundation for a successful managerial career where we aim to develop student's intellectual ability, executive personality and managerial skills through an appropriate blend of business and general education. Management is the core of all businesses irrespective of any sector, business size or age of an institution. The skills like leadership, vision and understanding of enterprise functioning are inculcated in our students to be either a successful business manager or an entrepreneur. BBA is a lucrative and rewarding career choice where one can rise in position and salary very quickly based on performance. A BBA graduate can get career opportunity in different sectors like finance, HR, marketing, consultancy, banking, etc. BBA is the first step to get a comfortable entry into the corporate world. Adequately equipped in three core disciplines i.e. management, communication and information, several students are also marked by launching their own startups after BBA or one can also opt for higher studies like M.Com, MBA, M.A, Master in finance & Control, trade, financial analysts, law, communication, etc.

**Duration** - Three Academic Years Comprising 6 Semesters | Admission to First Semester of Bachelor of Business Administration

**Eligibility Criteria** - All those candidates who have passed 10+2 or its equivalent examination in any stream conducted by a recognized Board.

### B.Com (Professional)

**Career Prospect** - With all the positive steps taken by the industry giants, upgrading business eco-system and appreciable initiatives of the Government, the Indian Economy is on boom for quite some time. There has been a rising demand for expert Commerce professionals in various sectors like education, government, business, management, MNCs and NGOs, retail sectors, banking, consultancy, finance, FMCG, consumer durables, IT, advertising and media. The B.Com course aims to impart the economic & financial expertise and managerial & accounting skills in the students. Post B.com, students can opt for professional courses like CA, ICWA, ACS, IBS exams, M.Com, MBA, Master in finance & Control, trade, financial analysts, law, mass communication, etc.

**Duration** - Three Academic Years Comprising 6 Semesters | Admission to First Semester of B.Com(Professional)

**Eligibility Criteria** - All those candidates who have passed 10+2 or its equivalent examination in any stream conducted by a recognized Board.



### Extra-Curricular Activities

*The Department also organizes various activities like Group Discussion, Business Quiz, Extempore Management Games from time to time to enhance the overall skills of the students.*





# DEPARTMENT OF COMPUTER APPLICATIONS

## MCA with International Certification in JCP in Collaboration with Sun Micro Systems Bachelor of Computer Applications (BCA) M.Sc. (Computer Science)

The Institute introduced the MCA program in 2003 to make the best in-class computer experts in the dynamic field of Computer Application. The faculty is the pivot of success of every department. Constantly engaged in Research and Projects beyond syllabus, our faculty keeps themselves updated to impart the knowledge of latest happenings in the related field to the students. Complementing the dynamism of the industry the institute has allocated a dedicated library to the Department in addition to the central library. The students have access to a plethora of books, reports, journals, etc. to brush their knowledge and keep a tab on latest developments. The mandatory requirements like air-conditioned computer labs, hi-end computers, projectors, LAN, etc. go without saying.

Aligning to the need of the industry, Department has recently launched its one of the most sought after BCA program in 2013. The three years undergraduate program prepares students for the increasing demand of computer professionals.

Adhering to 'one student, one computer' rule, we let each individual get hands on experience and unleash the world wide web using latest version of hardware and a combination of system & application software. The department also boasts of two e-classrooms. Stressing on the need for interactive learning the department includes team-building skills, audio-visual presentations and personality development programs to add a global touch to the outlook of the students.

Fostering a free environment, the Department encourages open discussion between the students and faculty which in turn let students discover the new concepts and possibilities in the field of computer applications. To further build a constructive attitude in the students, we conduct counselling sessions between students and their mentors. We have 3 tier counselling program. First, it is done at the level of subject teacher, secondly at the level of Mentor who counsels the students on career, studies & personal problems and finally at the level of HOD. Besides classroom studies our focus remains on making our students self-confident and self-reliable by referring to library, internet and other resource material. To take them a step higher to earn leadership quality they are encouraged to participate in extra-curricular activities. Seminars, Debates, Group discussions are regular features for overall development of personality.



**Department  
Faculty**



### Highlights of Courses (MCA & BCA) –

- Offers in-depth knowledge of Computer Applications.
- Constantly updated curriculum to offer real time and relevant knowledge.
- The well-equipped lab of the department with a network of latest microprocessor based computers and software's installed.
- Active academic industry interface through practical training and guest lectures.
- Industry connected placement cell to guide our young software professionals seeking career opportunities in the IT industry.

**Career Prospects** - A perfect blend of computers and technology, MCA and BCA is the window to a bright future where one can choose a career in Government or private sector or can start on his/her own. MCA and BCA can help you in landing a lucrative job in the field of information technology where you can apply your knowledge of computer application for a steep rise in your career graph. The top companies like HCL, Infosys, Wipro, TCS, etc. are always hunting for bright MCA and BCA brains in various capacities in the fields like software technology, web-designing, software testing, computer technology, etc. Though BCA is in demand but with higher studies like MCA, MBA, MSc, PGDCA, etc., one can have additional weightage to their resume and strike a better career start.

After BCA, students can go for the PG program (MCA) offered by the department with the annual intake of 60 students.

### Core Subjects of MCA

Data & Communication Networks, RDBMS, C++, Computer Organization and Assembly Language, Data Structures, Datawarehouse & Data mining, Database Administration, E-Commerce & web Application Development, Java, Interactive Computer Graphics, Advance Operating System, Embedded Systems, Network Security & Administration, Design & Analysis of Algorithm, Mobile Application Development, Information Security, Cloud Computing, Advanced Computer Architecture, Software Testing & Quality Management.

### STRENGTHS:

- Modern Learning and Teaching Processes.
- Lectures are supported by independent study, tutorials, and resource based material and group work.
- University Curriculum is complimented by PDP and VAC Value Added Courses.
- Guest Lectures from reputed Industry people and Industrial visits are also organized for Students.
- Counselling of Students.
- The Department has proud alumni, most of them being placed in reputed international firms like IBM, WIPRO, INFOSYS, TCS etc.

The department believes in close interaction with the industry on regular basis to keep pace with the ever changing scenario of the IT industry.

The Curriculum has been designed to cater to the ever changing demands of information technology, with the necessary inputs from the Industry. The Department produces individuals who contribute at all levels: individual, national and global. The objective of the Department is to develop skilled manpower in the various areas of information technology.

### Department Workshop

- Oracle Lab
- Operating System Lab
- Internet Lab
- Project Lab
- Microprocessor Lab
- Digital Lab
- CISCO Lab

Students get exposure to the world of software and technologies through two computer labs fitted with over 36 computers of latest configuration. Students interact with technology intelligently and seamlessly with an easy access to latest softwares and updated hardware. Our students are well equipped with the knowledge of Windows as well as Linux (UNIX) operating system. Software and applications range from word processing, desktop publishing, databases like oracle, MySQL, ASP, NET, web browsers, PHP, e-mail access and more.



# DEPARTMENT OF HOTEL MANAGEMENT & CATERING TECHNOLOGY

## B.Sc. Hotel Management & Catering Technology

### Department Profile

Equipped to impart practical knowledge of Industry with its state of the art labs, the Department knows that key to success is hands-on experience for students. The department has full loaded Food & Beverage Production Lab (Demo Kitchen, Basic Training Kitchen, Advanced Training Kitchen & Quantity Food Kitchen), Food & Beverage Service Lab (Basic Training Restaurant & Advanced Training Restaurant) with Mock Bar, Front Office Lab with IDS & Fidelio as property management softwares, House Keeping Lab with Guest Room, Communication and Language Lab, Digital Library with Reading Room, Recreation Centre, Conference & Seminar Hall, Bakery & Confectionery Lab, Computer Lab.

### Career Prospect

Being a principal element of the hospitality industry, Hotel Management opens a wide range of career options in the industry. Crediting the wide demand of Hotel Management experts to the globalization, the department trains its student holistically to successfully discharge their duties at national or international destinations.

The latest boost in the global travel and aviation industry has lead to the surge in career options for hotel management professionals. Being a highly competitive sector, Industries are looking for well trained professionals rather than training themselves. A graduate from Hotel management can land up in a job at Hotels & Restaurants , Cruise Ship Hotel management, Hospital Administration and Catering, Hotel and Tourism Associations, Airline Catering and Cabin Services, Club management, Forest Lodges, Institutional Management (supervising canteens in college, schools, in factories, company guest houses etc.), Catering departments of railways, banks, armed forces, shipping companies, etc.

### Duration

Three Academic Years Comprising 6 Semesters

### Eligibility Criteria

10+2 (with any stream) & those candidates who have passed their matriculation examination and have also passed three year 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 Sant Longowal Institute of Engineering & Technology, Longowal are eligible for admission in B.sc Hotel Management.



# DEPARTMENT OF AGRICULTURE

## B.Sc. Agriculture

**Department Profile** - The department of agriculture is one of the latest additions in the institute. With a very aggressive approach towards the field, the department has grown into one of the biggest departments of the college. Cultivating the refined skills sets in our students to become agropreneurs, the department has excellent infrastructure and exhibits myriad laboratories including the Bio-Chemistry, Micro-Biology, Biology, Soil Science, Agrometerology and student farm. At the student farm we have one implement store, vermicompost unit, orchard and agronomy field where students do all the activities by themselves with the help of field staff to unearth agronomical aspects raise field crops with modern techniques.

### Highlights of B.Sc Agriculture

Exclusively caters students interested in pursuing courses like ICAR, ARS, JRF exams etc.

Seamless integration of theory, practical & field visits to orchards, farms, trade fairs, etc.

Focus on seminars, assignments, GD's Workshops, etc.

Reaching out to industry via practical training and guest lectures.

**Career Prospect** - This course aims to teach students agriculture thoroughly with theoretical as well as practical aspects. Agriculture is a highly opportunistic area which can reap very good benefits if there is right mixture of knowledge and experience. Building agrarian scientist to approach agriculture with a scientific view the department aims for the advancement of the sector. Our trained students are job ready for Agriculture departments in the capacity of Agriculture development officer, Horticulture development officer, Soil conservation officer, Agriculture sub inspector, Junior engineer in PWD, Block Technical Manager in ATMA, Farm manager in University level, Agriculture officer in nationalized banks (SBI, PNB, BOI, OBC), Rural Development officer in NABARD, Agriculture field officer in companies dealing with pesticides and fertilizers (Bayer, Monsanto, Syngenta, Tata, IFFCO, etc.) and Seed certification officer, seed production officer in seed companies and in dairy farm sector like Nestle, Amul, Verka, Mother Dairy, etc. In addition to these agriculture experts are also required in the Municipal corporation, Kissan call center and in food grain procurement agencies like Markfed, FCI, Punsup, etc.

After completing the graduation in B.Sc students can either pursue M.Sc in Agronomy, Horticulture, Entomology Plant breeding, Plant pathology, Soil science, etc. or they can opt for agriculture MBA which is known as ABM to widen their career prospects. Further they can opt for higher studies , research or Ph.D or can turn into agropreneurs and start their own business.

**Duration** - Four Academic Years Comprising 8 Semesters

Admission to First Semester of B.Sc Agriculture (Honors.)

**Eligibility Criteria** - All those candidates who have passed the 10+2 Science Stream or its equivalent in Physics / Chemistry / Biology / Maths from recognized Board / University / Council.







## LIBERATING THE LEADER IN EACH STUDENT

### Beyond the Curriculum (Enhancing Professional Skills)

#### Certification Labs

ACET has trusted collaborations with Oracle India Pvt. Ltd., CISCO and Sun Microsystems that offer certified courses to the students within the campus in well-furnished and fully-equipped labs as per the standard requirements of these organizations.

#### Sun Microsystems

Focused on enhancing the professional acumen of ACETians, our collaboration with Sun Microsystems (now acquired by Oracle) helps you to enroll for Sun Certified Training modules by attending classes held on weekends. The pioneer company in Java Trainings and Certifications often gives you an added edge over others by being industry ready in various ways.

The Sun Microsystems acquisition by Oracle on January 27, 2010 transformed the IT industry by adding to Oracle's portfolio Servers, Storage, SPARC Processors, the Solaris Operating System, Java and MySQL database apart from its existing portfolio of database, middleware and business applications. It has further escalated the performance of Java and Oracle, for the better.

Enrolling for the certification

thus would help students in strengthening and securing their future prospects in a visible manner.

#### CISCO

ACET's collaboration with CISCO Systems Inc happened back in 2008 that enabled the establishment of a Cisco Networking Academy that runs a global education program imparting knowledge and understanding of how to design, build, troubleshoot and secure computer networks for maximizing your career and economic opportunities. The Cisco Career Certifications bring valuable, measurable reward to network professionals, their managers, and the organizations that employ them.

To cope up with the high-octane ICT and networking careers in most of the industries, our Networking Academy provides online courses, interactive tools, and hands-on learning activities competently. With our authorized CISCO Lab within the ACET campus, students can avail heavy discounts for these certifications pertaining to their academic purpose. Get international certifications like CCNA, CCNP, etc through our Pearson Vue Testing Centre by giving online tests and standing ahead with added skill set.

### Teaching/ Learning Process at ACET

Education at ACET is imparted in a well-defined and structured manner that enables smooth functioning of all the aspects including syllabus completion on time. This is done by planning in advance the lessons, the examination and the syllabus review matters. Students are



greeted with a detailed plan on the very first day of semester/year.

ACET also practises academic audits and pre-audits. Pre-audits ensure a grip on the academic activities and a seamless teaching process. The final audit, conducted towards semester/session end, is carried out to encourage and inspire the faculty to perform their best and thus coverage of 100% syllabus in theory/lab is ensured. Projects like extra training, re-placement training and technical competitions for semester/session are also planned in advance.

There's also a stringent provision of conducting revisions for academically weak performers, to help them rise and shine. The continuous evaluation procedure involves assignments, two

sessional exams in one semester, minimum 75% attendance, lab performance and semester examination at the end of semester. A standard procedure is reviewed periodically on weekly basis by HOD, on fortnightly basis by Dean Academics and at the end of every 3 weeks by the Group Director/ Principal.

### Teacher as Advisor Programme (TAP)

It takes one simple step to create a massive change in the way education is being imparted. Reflecting the true essence of learning, TAP is an initiative that makes education stress free for every department. Under this, 20 students are assigned to a faculty member who acts as their advisor, for a more focused interaction.

Advisors identify any stress with their students and discuss with them to reach out to a solution. Counseling and encouraging students, helping them recognize their potential and appreciating their abilities; the TAP program has emerged as one of the very successful programs that helps students excel in studies and in other areas of development.

### Incentives for students

One cannot sideline the effect of timely recognition and appreciation that could be delivered in the form of incentive to performers. It generates motivation in students and inculcates a sense of self enthusiasm for continued performance. ACET promotes and pushes the idea of entrepreneurship under its Earn while Learn scheme and also provides exciting incentives like sponsoring entry fee for sports events as a token of recognition.

### Entrepreneurship Development Cell (EDC)

Developing entrepreneurial culture at an early stage helps students identify their interest and nurture needed skills while still in college.

The EDC has been instituted to foster linkages between the institution, industries and R&D centres apart from catalyzing and promoting science and technology based self employment enterprises for an augmented employment opportunities.

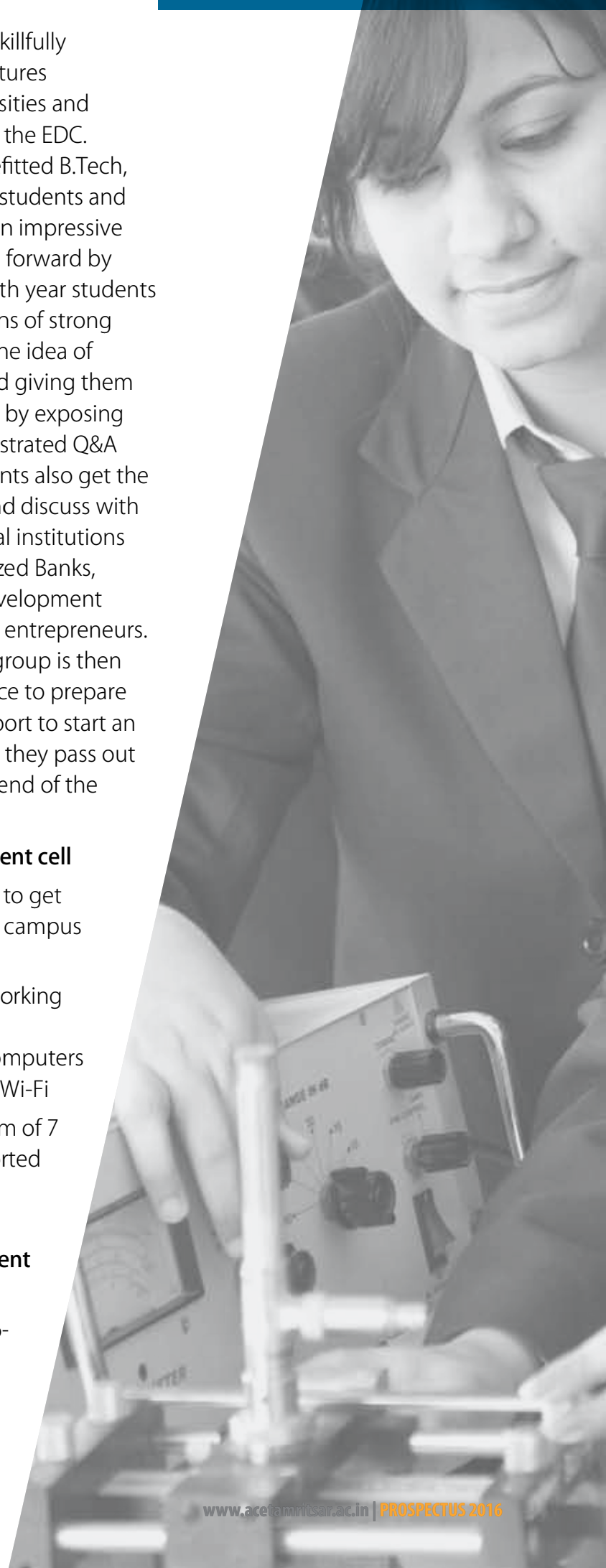
ACET has managed skillfully to arrange expert lectures from industry, universities and entrepreneurs under the EDC. This has hugely benefitted B.Tech, M.Tech. MCA & MBA students and faculty members in an impressive manner. We take this forward by identifying 3rd and 4th year students who have shown signs of strong inclination towards the idea of entrepreneurship and giving them the requisite training by exposing them to a well-orchestrated Q&A workshop. The students also get the chance to interact and discuss with executives of financial institutions like APSFC, Nationalized Banks, District industries development centre and seasoned entrepreneurs. Each student of the group is then given proper guidance to prepare a detailed project report to start an industrial unit before they pass out of the college at the end of the course.

### Training and Placement cell

- Guides students to get first job through campus recruitment
- An impressive working area with high-configuration computers and high-speed Wi-Fi
- Experienced team of 7 members supported by department coordinators

### Milestone of Placement Cell

- September 2006- 1st company visited for Campus





Total no.  
of student  
placed: 2678  
upto January  
2017.

Placement – Scicom

- March 2007 – IT Giant, INFOSYS visited ACET for 1st time
- September 2012 – 94 Selections in TCS
- February 2014 - Highest salary package Rs.5.29 lacs offer to ACET Students
- 2347 students campus placement in MNC's

#### Main Activities Performed by Training & Placement Cell

- To maintain the record of final year students to present it to companies time to time
- To arrange and organize On Campus/ Off Campus recruitment drives
- To Intimate students in regard to Job Fairs
- To ensure participation of interested & eligible students in Joint Campus Recruitment Drives organized anywhere in Punjab
- To support/ guide students of B.Tech-4th semester in arranging 6-8 Week Industrial Training
- To support/ guide students of B.Tech-6th semester in arranging 6 Month Industrial Training
- To support/ guide students of MCA-5th semester in arranging 6 Month Industrial Training
- To support/ guide students of MBA-2nd semester in arranging 2 Month Summer Internship
- To issue letters to students for arranging their interviews
- To disseminate information of general interest like deadlines to apply for higher education program
- To groom students for better placements by organizing Group Discussions, HR Interviews, Communication Skills Program, Mock Interviews etc. within the campus
- To Conduct Aptitude Exam for 1st year students
- To organize The Fusion-Science & Cultural Fest & JEE Mock Test every year for 10+2 Non-Medical students from

various schools across the region

#### ACET Alumni Association

Alumni of ACET bring to you the first hand experiences from the industry, thus letting you assess the real world, preparing you for the better. To make connecting, engaging, learning and interacting with them easier, ACET Alumni Association conducts various interactive programs to bridge the gap between you and your Alma Mater.

#### Professional Societies / Clubs

It's the human potential in individual capacity that one needs to foresee and work towards bringing it together. Every department of ACET has professional societies that are of, for and by the students. Various technical events are planned and organized by the students from scratch to finish. It's a great enriching experience that leads to encouraging the students and boosting their morale in many significant ways. Faculty and administration provide complete support, understanding the possibilities that these events may unfold. ISTE, IETE, CSI chapters at the college are there to motivate and welcome the students to join them.

#### Sports & Fitness

ACET strongly believes that "Healthy body keeps healthy mind". Sports are the best way to keep your energy high, utilize your strength, keep the mind and soul fit, keep the brain active, ready enough to take things head on. Sports make you encounter many real aspects of life like success, failure and competitive spirit in the most effective way possible.

ACET gives access to world-class sports facilities to its students, who have proved their mettle by bringing home prizes won at several State, National and International level. There are huge playgrounds for Cricket, Volleyball and Basketball, etc (for both girls and boys). We take pride in our students who have participated and won medals in many inter college competitions.



#### Some of our Prestigious employers are:

Amazon • Bridgestone • ITC • DATA 64 • TCS • Accenture • Aon Hewitt • Dell Services • Daikin Airconditioning • Havells • HCL Technologies • Luminous • Oracle Financial Services • Infosys • HCL Comnet • Syntel • RSystems • HCL Infosystem • Sonalika • Tech Mahindra • Birla Soft • Cognizant • Sasken Technologies • Khanna Paper Mills • Syscom • Ashok Leyland • UFlex Limited • Viom Networks • JK Technosoft • Keane • Cinda • MGF • Nagarro • Modi Group • GVK Powers • Polaris • Sapient • Mahindra Satyam • Scicom • Shriram Value • Sierra Atlantic • TAFE • Tech Mahindra • UST Global • Fiserv • Newgen • Verizon • CSC • L&T Infotech • Wipro Technologies • Wipro Infotech • HDFC Bank





## Success Partners for your Growth

### Women Grievance Redressal Cell

The Women Grievance Cell was established in the institute to deal solely with the issues/problems related to female students/faculty members. The members of the cell try their best to solve the problems which could also be discussed with the Dean Students Affairs.

### English Language and Communication Skills Laboratory

To build up the inner confidence and help students who wish to improve their Spoken English, ACET has an English Language Laboratory. It teaches Communication skills and also prepares for TOEFL, GRE and other competitive exams. One can select from the CDs below from the language laboratory and use it to enhance their skills.

- Interviewing skills
- Negotiation skills
- Brain teaser
- E-correspondence
- Mastering in English composition
- Mastering in spellings
- Mastering in grammar
- Mastering in English language vocabulary
- Personality development
- Microsoft internet
- Learn to speak English
- Cambridge learners dictionary
- Oxford talking dictionary

### NSS Activities

For any individual to grow into a sensible being, it takes a reality check to many situations that exists outside the campus world. ACET has a National Service Scheme (NSS) unit of 100 students (70 Boys & 30 Girls) who work hard in establishing meaningful linkage between the campus and the community. Following are the activities conducted under NSS:

• Blood Donation • Donation Collection in Natural Disasters • Road Safety Rallies • Socio-environmental Activities • Drive against Drug Addiction • Campaigning Against Illiteracy, Female Foeticide & Polio

**“SUPPORT FOR  
REACHING  
YOUR FUTURE  
GOALS”**



Enjoy a  
complete  
learning  
experiance



# A REPOSITORY OF KNOWLEDGE

**Central Library:**

Located in the Applied Sciences Block, the Central Library houses a spacious section of 650 Sq. mtr. of the college building. Nine departmental libraries work successfully under the patronage of Central Library. Catering to the literary needs of our students and staff, ACET library is a reservoir of knowledge where the information is acquired, processed, arranged and disseminated. Been existent since May 2002, the Central Library of ACET has equipped itself well by being the centre of information, sources, resources and services.

**Rich Collection:**

More than 65,000 books (Text, Reference and General) form a part of ACET Central Library's rich collection that caters to several branches of knowledge specifically engineering, management studies and computer application.

The periodical section enjoys the subscription of IEEE Consortium to access more than 365 e-journals accessible in the digital library. ACET also subscribes 43 print journals, 33 magazines and 17 prominent dailies in the Central Library.

**Technical Section:**

All the activities encompass to the technical section which is one of the most inevitable areas in a library. While the Acquisition section is responsible for building

up a good collection, it is the technical section that transforms that rich collection of documents into serviceable units. This is achieved by performing two primary functions -Technical processing which includes classification and cataloguing; Physical preparation to the documents for the circulation and its use by the users.

The Central Library employs 23rd ed. as DDC and AACR-II for classification and cataloguing respectively.

**Circulation Section:**

It is through this section that the collected information gets disseminated to various hands. The Central Library follows the principle of 'The Spirit of Hive'. One can issue and return the books anytime between 10.00am to 4.00pm. Following a "Ticket System"for the circulation of books, 4 borrowers'tickets are issued to each student and all the staff members of the college are entitled to get books issued on Library membership Pass Book.

**Digital Library:**

In this ever-changing era of Information explosion, no library or an information centre can afford to ignore the demand of digitizing the data for easy dissemination and acquisition. ACET's Digital Library has a great repository of reading

material in the form of CDs, DVDs, Databases and in other microforms that gets accessed through computers. The Digital Library set up by the Central Library within its premises has over 20 computers and more than 350 CDs/DVDs that cover various subjects.

One can access the following from the Digital Library:

- 1. E-Journals
- 2. E-Books
- 3. E-Learning Software
- 4. Self-Learning Websites
- 5. DELNET Services:
  - Inter Library Loan Service
  - Document Delivery Service
  - Bibliographic Service
  - Access to free E-books and E-journals available through DELNET.

You can visit [www.delnet.nic.in](http://www.delnet.nic.in) to access DELNET services via username and password which the Digital Library in charge would provide you.

**Competitive Exam Section**

The Competitive Exam Section set up in the Central Library focuses on enhancing the reading habits and strengthening the placement activities among students. With a diverse mixture of Competitive Exam Books (GRE, POs, GMAT, GATE, etc.), the Central Library also conducts quantitative aptitude test every semester.

The ACET Book Club that promotes reading among students urges students who issue books under the membership of the club to share their views with all other members in a meeting after they have finished reading it. Anyone can join the Book Club by enquiring about it at the Central Library.

**Library Services:** One can avail the following set of services from theCentral Library.

- 1. Current Awareness Services
- 2. Reference Services
- 3. Selective Dissemination of Information
- 4. Document Delivery Services
- 5. Intel Library Loan Services
- 6. Reprographic Services
- 7. Aptitude Test Conducting Services
- 8. Indexing Services
- 9. Thought for the Day Services
- 10. Newspaper Clipping Services
- 11. Book Club Services

**Library Infrastructure**

Propagating a conducive and comfortable environment of learning, the fully air-conditioned library always brims with encouragement and a fresh learning environment with students regularly visiting it. One can have access to the internet via the wifi facility available.

1. Total Carpeted Area	650 Sq. mtr.
2. Reading Areas	03
3. No. of Computers	22
4. Seating Capacity	200 (approx.)
5. No of departmental libraries	09
6. Reprographic facility	Yes

The Central Library Membership is free and mandatory within a stipulated period. So keep browsing your Departmental Notice Boards to get the information for the same and to avoid the inconvenience.





## FACILITATING AN ENGAGING CAMPUS LIFE

### CENTRAL FACILITIES

#### Cafeteria

**- Best served with random discussions!**

Two in-campus cafeterias, always bustling with students, faculty and discussions serve you the best hygienically prepared beverages and cuisine. The faculty cafeteria has a capacity of 30 members while the cafeteria of students has a total capacity of around 300. One can experience a chilled out time with other facilities in cafeterias like reprographic, mobile recharging, courier service and a telephone booth.

#### Hostel facility and Gymnasium

**- Live a Vibrant Life!**

Students can enjoy their stay in

hostel for both girls and boys situated within the campus. Airy rooms equipped with adequate furniture, air coolers, attached washrooms and geysers; make their stay comfortable and full of life. The boys' hostel has 108 rooms while the girls' hostel has 54 rooms. Hostels are provided with additional facilities like internet, indoor sports and indoor gymnasium. One can also avail transport facility in case of emergency medical needs.

**Special Nepalese & Bhutanese Food is being provided in the Hostel.**

#### Transportation - An Everyday Joyful Ride!

ACET houses a fleet of 38 comfortable buses that offers pick

and drop facility to students and staff from all corners of Amritsar, Dhariwal, Gurdaspur, Batala, Beas, TarnTaran, Mehta, Rayya etc. Ensuring a safe and joyful ride, the high quality buses make everyday travel a comfortable experience, Senior faculty at ACET are provided with cars for daily travel.

#### Bank - Easy Banking in Campus!

Facilitating a crucial aspect for students, staff and parents, the exclusive bank facility assists parents to avail educational loan and other facilities without any hassle. A supportive staff of ACET extends complete assistance to parents in solving any issues regarding banking.

#### Internet Lab - Stay Connected!

No. of Internet Labs: 03  
Computers with Internet access: 70  
Internet Bandwidth: 15 Mbps

#### Shri Guru Ramdass Auditorium

Capacity : 1300 members.  
Equipped with proper lights, sound system & air conditioned

Used for :

College functions on different occasions

#### Seminar Hall

Capacity: 200 people at a time,  
Audio Visual arrangement and Fully Air Conditioned.

Used for :

PPT's (Pre Placement Talk) • Guest Lectures

Students Presentations

#### Conference Hall

Capacity : 60 members at a time,  
Audio/Visual arrangement and well furnished

Used for :

Core Group Meetings

Staff Meetings

Weekly Meetings about Placement with Students



#### Dispensary

Offering free medical facility within the campus of ACET, a dispensary gives you access to a doctor who is available on all week days from 9.00pm to 7.00 pm. We have also signed MOUs with many prestigious hospitals in the city.

#### Sanitation and Hygiene

ACET believes in maintaining high level of sanitation and hygiene within the campus and also around it. It possesses three power

operated floor cleaners and has set up a maintenance committee for constant sanitation check. The sewerage water that goes outside the campus is treated before disposing off, as a responsible institution.

#### Power Backup System

24X7 Uninterrupted Power supply is available in campus with the help of two gensets.

Genset 1 : 250 KVA

Genset 2 : 400 KVA



#### Various Committees

• CANTEN COMMITTEE • COLLEGE MAGAZINE EDITORIAL BOARD • SPORTS AND CULTURAL ACTIVITIES • LIBRARY COMMITTEE • STUDENTS WELFARE COMMITTEE • GRIEVANCES COMMITTEE • ANTI RAGGING COMMITTEE • NSS COMMITTEE

For decentralization and achieving maximum efficiency in the assigned work, the following committees have been constituted under the coordinatorship of senior faculty members of the department and assisted by faculty members / students as members.





# GENERAL INFORMATION

## Registration

Each student has to register with the university at the beginning of each semester. The date of registration is notified by the university and every student is expected to register in person on the specified date(s) which a student may not be allowed to continue in that semester.

## Attendance Requirement

In order to enable a student to appear in the semester examination, he/she should have attended at least 75% of the scheduled lectures / tutorials / laboratory classes. A student is marked present only when he/she attends the class. Any kind of leave, including medical leave, has to be within the remaining 25% of the scheduled classes. A student having less than 75% attendance is detained and not allowed to appear in the subsequent examination only after acquiring the desired level of attendance.

**Academic Regulations:** Every student is advised to read the detailed academic regulation of the Punjab Technical University as revised from time-to-time. The Academic Regulations which will govern the batch of students admitted in 2011 are given below:

**Conditions for Promotion:** Students shall not be promoted to the 3rd semester and shall not be eligible to attend classes, if he/she is not able to pass a minimum of 50% of all the theory papers offered in the 1st and 2nd semester taken together. (In case of odd number of total theory papers, the lower whole number shall be considered as 50%). Any student failing to fulfill the above requirements shall have to repeat the first year (1st and 2nd semester both) and register as a regular candidate with the fresh

batch. All such students will be required to pay full fee of both the semesters. The enrollment number will however remain unchanged. And the student will be treated as belonging to the previous batch (in which he/she has taken admission). Such students will be required to complete the degree within the maximum permissible duration as prescribed by the Punjab Technical University, Jalandhar from time to time. Students failing to become eligible the second consecutive time to get promoted to 3rd semester shall be declared "Not fit to pursue technical education (NFT)" and shall not be allowed to pursue the degree and their candidature shall be cancelled.

**For B.Tech:** 4 years for Bachelor of Technology from the date of admission shall be given to a student to pass all the courses and to fulfill all other requirements for the completion of degree including attaining the required aggregate, failing which the candidature of the student shall stand cancelled, and no degree shall be awarded.

**For M.Tech:** 2 years for Master of Technology from the date of admission shall be given to a student to pass all the courses and to fulfill all other requirements for the completion of degree including attaining the required aggregate, failing which the candidature of the student shall stand cancelled, and no degree shall be awarded.

**For MBA:** 2 years for MBA from the date of admission, shall be given to a student to pass all the courses and to fulfill all other requirements for the completion of degree including attaining the required aggregate, failing which the candidature of the student shall stand cancelled and no degree shall be awarded.

**For MCA:** 3 years for MCA from date of admission shall be given to

a student to pass all the courses and to fulfill all other requirements for the completion of degree including attaining the required aggregate, failing which the candidature of the student shall stand cancelled, and no degree shall be awarded.

**For B.Sc (Hotel management) / BBA / BCA / B.Com (Professional):** 3 years for B.Sc (Hotel management) / BBA / BCA / B.Com (Professional) from the date of admission shall be given to a student to pass all the courses and to fulfill all other requirements for the completion of degree including attaining the required aggregate, failing which the candidature of the student shall stand cancelled, and no degree shall be awarded.

**For B.Sc Agriculture:** 4 years for B.Sc Agriculture from the date of admission shall be given to a student to pass all the courses and to fulfill all other requirements for the completion of degree including attaining the required aggregate, failing which the candidature of the student shall stand cancelled, and no degree shall be awarded.

**Regulations Regarding Migration:** Migration of a student from one college/ institute to another within the university (PTU) will be allowed after the completion of first year and at the start of the third semester provided

1. The candidate has qualified the entrance examination and his/her merit is higher than the last student admitted in that discipline, in general category. However, where admission has been made on the basis of merit of the qualifying examination, his/her merit in the qualifying examinations shall be higher than the last student admitted in that course, in general category.
2. (a) For those courses where the

first semester courses are the same, the migration shall be allowed on the basis of merit of the result of the first semester.

(b) For engineering courses having different subjects in the first semester, the migration shall be allowed on the basis of the combined merit of the first & second semester.

3. Preference shall be given to a candidate who was admitted on the basis of entrance examination
4. Shifting of branch / category within the college / institution as per merit under PTU rules shall have precedence over inter-university migration.
5. NOCs from the college where the student is seeking admission and the college from where he wants to migrate along with the approval from the university is required.

## General Rules Regarding Fee Structure

1. There will be an increase of 10 % in fee every year.
2. The fee is payable semester-wise. The first instalment of the fee is payable at the time of admission and shall be as per guidelines of Punjab Technical University, Jalandhar. Other installments will be paid at the beginning of a semester or as per announcements by the college.
3. The amount of fee due is to be paid in advance at the time of admission through cash or bank draft in favour of Amritsar College of Engineering & Technology, Amritsar payable at Amritsar.
4. The university examination fee would be charged extra as per actual.
5. Subject to clearance of dues, if any, the full amount of security will be refunded at the time of leaving the institution (with in 6 months if claimed), whereas the other part of the fee is non-

refundable.

## REFUND POLICY

In addition to applying to the college for the refund in the prescribed format, student has to submit an affidavit in the prescribed format available in the college campus.

Refund of the fee shall be made after receiving the application along with an affidavit as per following rules:

- a) In case an applicant withdraws his application to secure a seat within 7 days from the date of admission for the concerned program and if the seat consequently falling vacant is filled by a waitlisted applicant then the amount already deposited by the applicant, after the deduction of 25% of the total fee shall be refunded.
- b) In case an applicant withdraws within 7 to 15 days from the Date of Admission for the concerned programme then the amount already deposited by the applicant, after the deduction of 50% of the total fee shall be refunded.
- c) In case an applicant withdraws more than 15 days from the Date of Admission for the concerned programme then the amount already deposited by the applicant shall not be refunded.
- d) In case an applicant withdraws after the commencement of classes for the concerned programme then applicant has to pay the full fee of the remaining course.

## Hostel Rules :

1. Students are required to observe strict discipline in the hostels. Any attempt to create disturbance/ damage to hostel property/ indecent behaviour with fellow residents or mess staff/ other employees/ warden can lead to disciplinary action including expulsion

from the hostel or suspension, rustication from the college.

2. Students (Boys) shall mark their attendance daily between 9.00 AM and 9.15 PM in the register maintained with the hostel warden.
3. Absence without prior permission will result in disciplinary action.
4. There would be no unnecessary movement or playing of games in the corridors. No day scholar is allowed to stay in the college campus after the last college bus leaves the campus and on holidays. Any resident sheltering a day scholar will face expulsion from the hostel. Similarly no resident student will be allowed to enter the gate except those who have been allowed by the warden to go outside for a particular purpose and for a particular period and they will be allowed to enter by showing the permission slip and the identity card at the main gate.
5. No outside/ non-resident student will be allowed to stay in the hostels.
6. No female guest is allowed to visit the room of the boys hostel, similarly no male guest is allowed to go beyond the guest room in the girl's hostel.
7. Students are not allowed to sit / play in the Hostel/Canteen/ lawns during working hours when their respective classes are being held.
8. Students are responsible for glass, electrical and other fittings in their hostel rooms. They will have to pay for any breakage of these fittings. Any student is found damaging/ breaking hostel property anywhere will incur disciplinary action besides replacement of the property.
9. Students should not possess or operate any electrically operated appliances. No



- intoxicants, weapons/ sticks are allowed to be kept/ used in the hostel premises. Loud music is not allowed to be played in the hostel. No student will take any vehicle towards/ near the hostel area. Students will not plan or participate in strikes/ mass cuts or make unnecessary demands. Students are expected to know the facilities / difficulties at the time of allotment of hostel accommodation. Failure of electric supply or telephone line will not be the cause for missing classes/ tests. Students are expected to make their own arrangements for such eventualities.
10. Students will not directly or indirectly indulge in ragging. The concerned student will have to prove innocence in case of any reported incident of ragging, failing which he/ she will face expulsion from the hostel/ college.
  11. A resident of hostel has to take meals in the mess. He/ she has to pay for the number of diets as per the mess rules framed from time to time. A student who doesn't actually reside in the hostel without prior permission will lose the right to hostel accommodation, which will be cancelled forthwith besides incurring strict disciplinary action. Mess timings as fixed by the warden from time to time will be strictly adhered to. A code of decency will be followed in the mess. No MEALS will be served in rooms and no mess utensils are to be taken outside the dinning hall.
  12. For availing mess-off, the students should inform the warden in writing at least 24 hours in advance of the diet from which the off is desired. A minimum of six consecutive diets are essential for availing the rebate. The duration of mess-off has to be intimated in advance. In the absence of any written notice in advance, no rebate will be allowed.
  13. No refund of hostel rent (in full or part) will be allowed after the initial allotment even if the student leaves the hostel of his own or is expelled from the hostel. Hostel security will be refundable only when the student leaves the college.
  14. Students will pay the mess bills in time every month.
  15. Any difficulty should be promptly reported to the warden/ Attendant/ Watchman and students will avoid coming to the Principal directly. Students will not disturb the Principal at all at night.
  16. At the time of admission to the hostel, parents / guardians should accompany the girl. They should also provide list of the persons who are permitted to meet the girl.
  17. Only authorized persons can meet the hostlers inside the hostel. Authorized persons can visit the hostlers on Saturdays or Sundays between 10.00 AM to 5.00 PM.
  18. Authorized persons are expected to fill up the visitor's register and also specify the relation with the hostler.
  19. Hostlers can meet their guests in the visitor's room only during the stipulated time.
  20. Guests would not be allowed to stay in the hostel. Only the mother or sister of the hostler can stay in the hostel for a maximum period of two days.
  21. The hostler must be inside the hostel premises by 9.30 P.M. during summers (April-September) and by 8.30 P.M. during winters (October-March).
  22. New room shall be allotted every year at the start of the session.
  23. The doors of the hostel will be closed immediately after the attendance. Coming late to the

- hostel, without prior permission would be considered a serious offence. All hostlers coming late to the hostel would mention this facts in the register provided for this purpose.
24. A fine up to Rs. 50/- would be imposed on the any hostler reaching the hostel after the attendance is over.
  25. Hostlers should ensure it that light and fan are switched off when they are going out of room. Non-compliance of this rule may result in a fine up to Rs. 200/-
  27. Cooking or Keeping gas cylinder in hostel rooms is completely banned.
  28. Hostlers are advised not to keep money or jewellery in their rooms. In case of any loss, its sole responsibility shall lie with the hostlers.
  29. No hostler shall be allowed to change the room during the session. New rooms shall be allotted every year at the start of the session.
  30. In case of any infectious disease, the particular hostler can be asked to leave the hostel.

#### Additional Rules for Resident Girls

1. No girl student will leave hostel/ campus without written permission of the Warden/ Principal and without making entry in the hostel Register and main gate Register, noting the exact time of leaving, destination and telephone number. Time of arrival will be noted on return.
2. No girl will be allowed to return to the hostel without the permission slip duly signed by the parents with all entries completed.
3. The student must be inside the hostel premises by 6.30 P.M during summer (April to September) and by 6.00 P.M during winter (October to March).
4. Girls are not allowed out-passed on a working day.
5. Once a girl comes on Monday, she will not be allowed to go home before Friday, unless she has the written permission of the parents or they personally come to pick up the resident.
6. Permission slip should be completely filled and signed by the warden.
7. No permission slip will be given to the students in advance. The slip will be given at the time of departure with exact time, address and phone number written.
8. No girl should be allowed to leave the hostel before 5.45 A.M and after 6.00 P.M.
9. Girls from distant places are not allowed to leave the hostel after 4.30 P.M.
10. Girls are not allowed to visit friend's places or their relatives for night stay unless there is written permission of the parents. No guest is allowed to visit a resident girl except those mentioned by the parents in the hostel allotment application. Similarly only those incoming telephone calls will be entertained which have been allowed by parents in the allotment application. Maximum time of call will be 6 minutes. Use of STD will be allowed after making an entry in the Register about the telephone number dialed.
11. Girls can't use the extension of phone or intercom at anytime.
12. When the classes are going on girl students are not allowed for movies or market.
13. Girls can leave the hostel on holidays during 7.00-9.00 A.M or 4.00-4.30 P.M. only with duly signed slips from the warden.
14. There will be no dance parties in the hostel.
15. No birthdays will be celebrated after 9.00 P.M.
16. Hostlers will be allowed to

- leave the college campus only after showing the gate pass collected from the hostel attendant by stating reason for leaving the campus. Also they have to make entry in the hostel Register before leaving.
17. Even during the college hours from 9.00 a.m. to 5.00 p.m. any hostler going outside the main gate must get written permission from their local guardians.
  18. If the girls want to visit their local guardians, normally they have to be picked up from and dropped at the hostel by their local guardians.
  19. Once the wards leave the college campus, they will themselves be responsible for their safety.
  20. The wards will have to get the application signed by the hostel warden before leaving the hostel. In case they want to leave the hostel for a period of more than 6 days, they must obtain approval of the Principal.
  21. Whenever a hostler has to go back to her home, the application seeking permission regarding this should be given to the hostel warden on day before their going to home.
  22. Hostlers can visit the city in groups on Saturday in the college bus. They are expected to maintain proper behaviour and mannerism under instructions given by the warden. Disobedience of any sort may result in suitable disciplinary action.

#### STRICT DISCIPLINARY ACTION WILL BE TAKEN AGAINST DEFAULTERS

**RAGGING :** Ragging is strictly prohibited in the campus. Any student involved in ragging can be expelled from the college, fine of Rs 5000/- can be imposed and even He/ She may be handed over to the police.

#### In case of any emergency the students should call at following Numbers:

Dr. V. K. Banga, Principal- 9417800072  
 Sh. Manoj Kumar, Registrar - 9915760094  
 Col. (Retd.) Gurmukh Singh, Vice Principal & DSA - 9855086651  
 Sh. P.S. Sidhu - Dean Academics - 8872001499  
 Dr. Harinder Singh Gill, HOD, Dean UGC Courses - 8872001497  
 Dr. Gaurav Tejpal, Professor & Dean - Campus Relations 9888300111  
 Er. Rakesh Jaitly, Dean Placement - 9988210419  
 Dr. Ishwer Singh, HOD, Mechanical Engineering - 9988293930  
 Sh. Upain Kr. Bhatia, HOD, Civil Department - 9416169949  
 Sh. Amarpreet, HOD, CSE & IT - 8968463355  
 Sh. Gurjit Singh, HOD Electronic & Communication Engineering -9478693003  
 Sh. Sandeep Kaushal, HOD, Electrical Engineering - 9780630846  
 Sh. Narinder Sharma, HOD, Applied Sceince - 9915783952  
 Dr. Maninder Singh Gill, HOD, Management Studies - 9888086095  
 Ms. Dipti Malhotra, HOD, Computer Applications - 9501033881  
 Er. Jayant Vats, Sr. Manager Campus Relations - 8872001950  
 Er. P. S. Pannu, Chief Warden - 9855861155  
 Sh. Gagandeep Sharma, Warden-Boys' Hostel - 8872004737  
 Sh. Nachattar Singh, In-charge Security - 9915600447  
**"Ragging is prohibited as per the decision of the Hon'ble Supreme Court of India in Writ Petition No (c)656/1998"**



## PLACEMENTS THAT REFLECT POTENTIAL



**Ruhani Talwar**  
MCA, OXO Solutions



**Harpreet Kaur**  
MCA, OXO Solutions



**Ritika Chouhan**  
MCA, OXO Solutions



**Anil Kumar**  
MCA, OXO Solutions



**Sukhwinder Singh**  
MCA, OXO Solutions



**Bhavneet Kaur**  
MBA, Capital Via



**Abhishek Shahi**  
MBA, Capital Via



**Manpreet Singh**  
MBA, Capital Via



**Kanika**  
MBA, Capital Via



**Pavittar Singh**  
CSE, Chimes



**Kanika Monga**  
CSE, Chimes



**Shivam Puri**  
MBA, Capital Via



**Harjaspreet Kaur**  
CSE, Capgemini



**Angadjot Singh**  
ECE, Capgemini



**Ritika Sharma**  
CSE, Capgemini



**Bhavneet Kaur**  
CSE, Capgemini



**Rahul Vig**  
EEE, Capgemini



**Abeyjit Singh**  
CSE, Capgemini



**Shreya Bhargav**  
CSE, Capgemini



**Harmanjit Singh**  
CSE, Capgemini

## PLACEMENTS THAT REFLECT POTENTIAL



**Arushi Verma**  
CSE, Capgemini



**Harpreet Kaur Sidhu**  
ECE, Capgemini



**Amandeep Kakkar**  
CSE, Capgemini



**Rajan Bhat**  
CSE, Capgemini



**Navjot Kaur**  
CSE, Capgemini



**Manpreet Singh**  
CSE, Capgemini



**Ritiraj Singh**  
CSE, Capgemini



**Navpreet Singh**  
CSE, Capgemini



**Pooja Rajput**  
ECE, Capgemini



**Bhawna Sharma**  
ECE, Capgemini



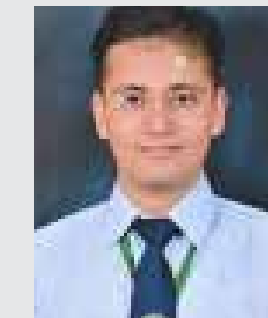
**Bhavneet Kaur**  
ECE, Capgemini



**Sartaj Singh Hanspal**  
IT, Capgemini



**Manisha Kumari**  
CSE, Capgemini



**Snehil Sharma**  
ECE, AR Tech Infosystems



**Rohan Kapila**  
ECE, AR Tech Infosystems



**Bhavleen Kaur**  
IT, AR Tech Infosystems



**Sonali Sood**  
CSE, AR Tech Infosystems



**Mishy Sharma**  
CSE, AR Tech Infosystems



**Sukhwinder Singh**  
ECE, Telcocrats Technology



**Aishwarya Sharma**  
CSE, HP



# PLACEMENTS THAT REFLECT POTENTIAL



**Gaurav Arora**  
CSE, Group10 Tech



**Gaganjit Kaur**  
CSE, Group10 Tech



**Sehaj Risham Kaur**  
CSE, JK Technosoft



**Lakshay Chaudhary**  
CSE, Intel



**Upmajeet Kaur**  
MBA, Capital Via



**Ridima Arora**  
MBA, Capital Via



**Kunjlata**  
CSE, JK Technosoft



**Sandeep Kr Chaudhary**  
CSE, JK Technosoft



**Shamli**  
CSE, HP



**Steve Lal**  
CSE, Globiznet

# HALL OF FAME



**Babalpreet Kaur**  
BCA, 89%



**Jasmeet Kaur**  
BCA, 82%



**Jaspreet Kaur**  
BCA, 78%



**Komal Preet Kaur**  
BCA, 77%



**Manpreet Kaur**  
BCA, 84%



**Yuvraj Arora**  
BCA, 88.73%



**Bhupinder Singh**  
CIVIL, 82.5%



**Devinder Pal Singh**  
CIVIL, 82%



**Nipun Madaan**  
CIVIL, 77.7%



**Gurpreet Kaur**  
CSE, 85.5%



**Harsimran Kaur**  
CSE, 80%



**Karandeep Singh**  
CSE, 83%



**Lovepreet Kaur**  
CSE, 85.37%



**Mahima Talwar**  
CSE, 82.37%



**Ujjawaldeep Singh**  
CSE, 78%



**Aakash**  
ECE, 77%



**Anshdeep Kaur**  
ECE, 84%



**Bhawana Sharma**  
ECE, 80%



**Danish Malhotra**  
ECE, 83%



**Diwankshi Sharma**  
ECE, 82%



# HALL OF FAME



**Jagmeet Singh**  
ECE, 83%



**Pooja**  
ECE, 75%



**Supreet Kaur**  
ECE 83%



**Gurjot Kaur**  
IT, 74%



**Karsimran**  
IT, 73.06%



**Prabhjot Kaur**  
IT, 72.26%



**Ritika Sharma**  
IT, 79.02%



**Ridima Arora**  
MBA, 1st



**Gitika Kundra**  
MBA, 1st



**Mehakpreet Kaur**  
MBA, 2nd



**Nitika Kundra**  
MBA, 2nd



**Sonali Mahajan**  
MBA, 3rd



**Amandeep Sharma**  
MBA, 3rd



**Amanpreet Kaur**  
MCA, 75%



**Harpreet Kaur**  
MCA, 82%



**Kanika Arora**  
MCA, 78%



**Ravneet Kaur**  
MCA, 78.5%



**Ruhani Talwar**  
MCA, 84.7%



**Sukhvinder Singh**  
MCA, 84.1%



**Adarsh Kumar**  
ME, 72%

## ATTRACTION OF AMRITSAR



Jalliwala Bagh



Wagah Border



Heritage Gate



Durgiana Mandir

Golden Temple



# EVENTS @ ACET



Hawan Yag & Akhand Path



Convocation Day



Athletic Meet



Pryaas-National Level  
Technical & Cultural Fest.



Techno Utsav



# EVENTS @ ACET



Orientation & Freshers Party



Fusion - Inter School Science & Cultural Fair



IEEE MITE 2015 International Conference



Star Night



Sur Sanjh & Teej Festival





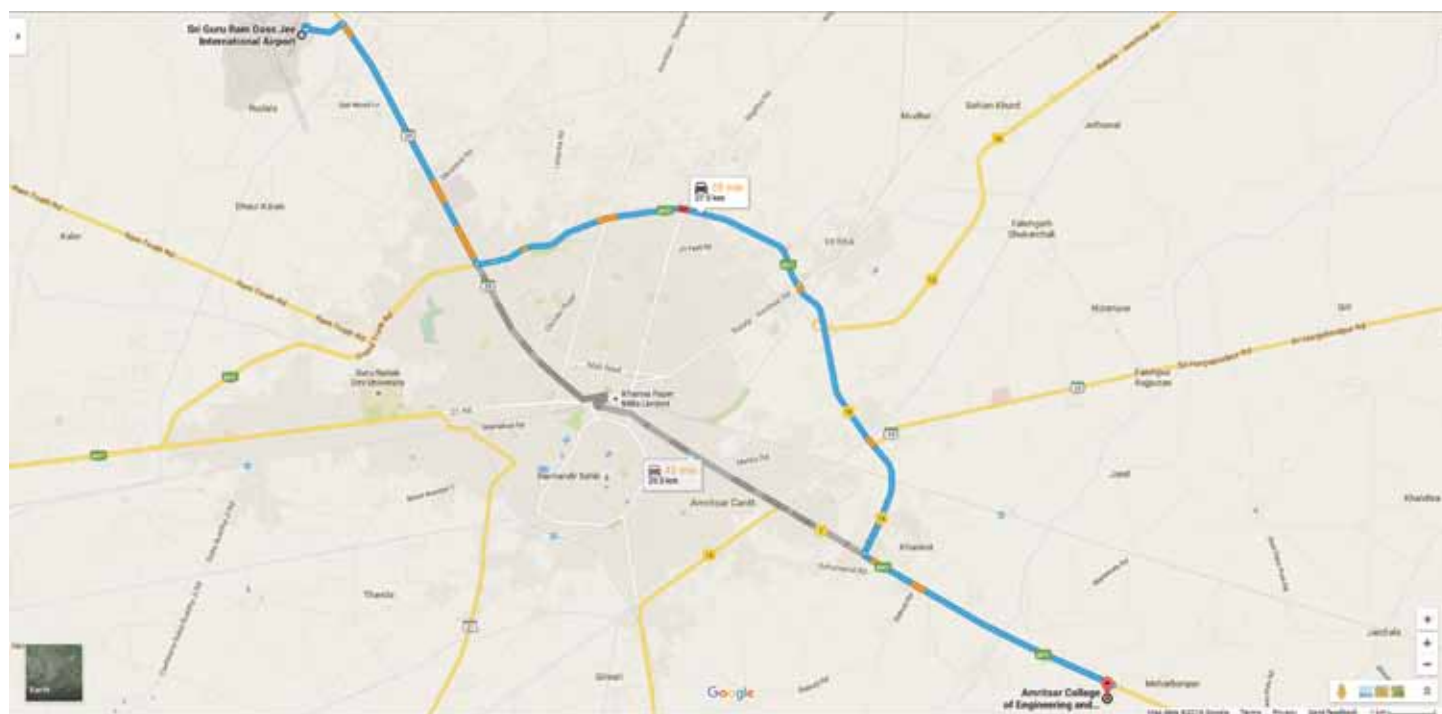


# HOW TO REACH ACET

## TRAIN & AIR

### FROM AIRPORT

Sri Guru Ram Das Jee International Airport lies approximately 25 kilometers from Amritsar College of Engineering & Technology and is a 30 minute drive. The largest number of flights are from Delhi, along with many international connections. Car rental services, taxis and pre-paid taxis are available at the airport.



### FROM RAILWAY STATION

Amritsar is well connected to major Indian cities via daily trains. Apart from online bookings or ticket booths at the station, there is a booking office inside the Golden Temple Complex. Popular trains include the SHATABDI Express and Shan-e-Punjab Express between New Delhi and Amritsar, and the Paschim Express, Golden Temple Mail & Howrah Mail that runs between Mumbai, Howrah and Amritsar. There is direct Railway connectivity to Amritsar from Patna, Muzaffarpur, Gorakhpur, Guwhati & other major parts of the country.



## ADMISSION HELPLINE

**DR. GAURAV TEJPAL**  
PROFESSOR & DEAN - CAMPUS RELATIONS  
9888300111

**JAYANT VATS**  
SR. MANAGER - CAMPUS RELATIONS  
8872001950

**ADMISSION HELPLINE**  
9915760086

**TOLL FREE**  
18001370006

**FAX:** 0183-5069535

**WEBSITE:**  
[www.acetamritsar.ac.in](http://www.acetamritsar.ac.in)

**E-MAIL:**  
[admission@acetedu.in](mailto:admission@acetedu.in)  
[www.facebook.com/acet.amritsar.punjab](https://www.facebook.com/acet.amritsar.punjab)

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