Contents

Disciplines & Programmes Offered	2
Preface	3
About the College	4
Smart India Hackathon 2017	5
NBA Inspection February 2016	6
NAAC Inspection 13th -15th Oct 2016	7
Board of Governors/ Academic Council Meetings held	8
Departmental Highlights	
Department of Applied Science	9-14
Department of Civil Engineering	15-21
Department of Computer Science & Engineering	22-35
Department of Electronics & Communication	36-45
Department of Electrical Engineering	46-51
Department of Information Technology	52-59
Department of Mechanical Engineering	60-65
Department of Management Studies	66-74
Department of Computer Applications	75-81
Department of Hotel Management & Agriculture	82-88
Centralized Activities	
Training & Placement Cell	89-92
Central Library	93-99
National Service Scheme	100-102
Pallas Athena Cultural Society (PACS)	103-108
Photo Gallery	109-112

DISCIPLINES & PROGRAMMES OFFERED

Under Graduate Course	Duration	No. of Seats
Department of Civil Engineering	4 Years	120
Department of Computer Science & Engineering	4 Years	180
Department of Electrical Engineering	4 Years	60
Department of Electronics & Communication	4 Years	90
Department of Information Technology	4 Years	60
Department of Mechanical Engineering	4 Years	180

Post Graduate Course (Regular):	Duration	No. of Seats
Department of Management Studies	2 Years	60
Department of Computer Applications	3 Years	60
M.Tech (ECE)	2 Years	18
M.Tech (CSE)	2 Years	18

Ph.D Course Work	Duration	No. of Seats
Ph.D Course Work	6 months	-

Under Graduate Course	Duration	No. of Seats
B.Sc (HMCT)	3 Years	120
B.Sc (Agriculture)	3 Years	120
BCA	3 Years	60
BBA	3 Years	60
B.Com	3 Years	60

Preface

Amritsar College of Engineering & Technology, Manawala, Amritsar (Punjab) started functioning on 2nd July , 2002 as a result of visionary thought and spirit to provide Amritsar, the holy city, with an institution that can provide excellent technical and managerial education. This college was opened under the agies of Amritsar International Foundation Trust. The Managing Committee is headed by senior Advocate Sh. Amit Sharma, Chairman & CEO of Amritsar College of Engineering & Technology, Amritsar.

The Annual Report for the year 2016- 2017 is being presented to the Managing Committee , the stake holders, faculty, students and parents to share with them what we have achieved so far and what we aspire to achieve in the future. Apart from our Vision, Mission and Core Values toward which we are continuously working. The college is regularly monitoring not only the academic performance, but also working consistently to groom the students for better tomorrow.

- Strict vigilance for 100% attendance.
- Maintenance of perfect discipline in the campus.
- Mentorship Programme.
- Counseling and guidance through Parent Teacher Meet once in the semester.
- Raging free atmosphere with zero tolerance and no complaints in this regard.
- All Corridors and important places are displayed with words of wisdom for encouragement, inspiration and learning.
- Formation of various committees to monitor various activities in the college.
- Apart from the PTU Academics calendar, the college prepares its own academic calendar for all academic/other activities be performed throughout the academic sessions.
- Tremendous improvement in results/placements. (Departments wise information included)
- Eminent personalities/ scholars / teachers visited the college for an interaction through the respective departments and the efforts will continue in coming years as well.
- Faculty Development Programmes/Seminars are organized time to time in the associating with IKG, PTU and the other reputed institutions and organizations.
- Regularly conducting meeting of Board of Governors, Academic Council of ACET & Board of studies of various deptt.

About the College

Amritsar is one of the oldest and traditionally strong cities of the north as also of Punjab. It is known world over as 'city of Golden Temple'. The city also has strong tradition of professional education especially Medical education, as Govt. Medical College and Hospital (GMCH) and Govt. Dental College and Hospital since independence. The city also hosts the Guru Nanak Dev University, established in 1969.

Amritsar College of Engineering and Technology (ACET) was established in this holy city in 2002 as a first Engg. Institute in the region. The promoters of this college are Amritsar International Education Society Regd. The Chairman & CEO of the college Sh. Amit Sharma is an eminent Senior Advocate turned Educationist. It is his far sighted vision and effort which led to establishment of this college, the first self financed Engineering College in Amritsar.

ACET granted with Autonomous status by UGC New Delhi as per act 1956 in the year June 2014, as it become first self financed Autonomous Engineering College in Punjab and affiliated to IKG, Punjab Technical University, Kapurthala .

The college has the distinction of being accredited by NBA (National Board of Accreditation) and NAAC (National Assessment and Accreditation Council) in the year 2009 and 2012 respectively. In march 2016, a team of eminent academicians conduct NBA inspection for reaccreditations, and four department of ACET got accredited for a period of two years starting July 2016. In October 2016 college again accredited by NAAC with A grade for period of 5 years. .

Vision

To produce Engineers with highest caliber by imparting technical education through innovative and analytical approach with an objective to create valuable resources for industry and society.

Mission

To produce latest infrastructure conducive to innovative learning

To Establish Centre's 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

Biggest Digital Revolution-Smart India Hackathon 2017 conducted successfully at ACET

Smart India Hackathon-2017, a 36 hours nonstop coding festival conducted successfully on 2nd April 2017at ACET. Total 37 teams comprising of eight members (six students and two mentors) from different states (Andhra Pradesh, Tamilnadu, Karnataka, Kerala, Maharashtra, Delhi and Punjab) brainstormed for 36 hours, to find innovative digital solutions for the Ministry of Food Processing Industries.

The elaborate event began on 1st April 2017 and comprised of 36 hour coding challenge including technical workshops, talks, and on-the-go meals all under one roof. The event concluded with an award ceremony on 2nd April 2017. Dr. C. Anandharamakrishnan, Director, Indian institute of Crop Processing Technology was the chief guest at closing ceremony. Along with him Nodal officer, Mr. Rajiv Mishra, Economic Advisor, Ministry of Food Processing Industries, Govt of India was present at valedictory ceremony of Smart India Hackathon 2017. Dr C. Anandharamakrishnan congratulated the winning teams and said it was not a competition but it was a festival of thoughts. This festival should not be stopped, every solution given by the teams need to be implemented to solve the problems of Commonman, Farmers and Industries.

The Teams from Saveetha Engineering College, Tamil Nadu, Vignan Institute of Information Technology, Andhra Pradesh, MIT College of Food Technology, Pune won the top three spots respectively. Maharashtra Institute of Technology, Pune won the consolation Prize of Rs. 10000/ and became the third runner up team. The title of the teams were Ministry of Food Processing, A Dashboard for Foreign Investors to decide locations for setting up FPIs, App to connect Farmers directly with retailers and Food Processing Industries and App to connect Farmers directly with Food Processing Industries respectively.

NBA Inspection February 2016

Amritsar College of Engineering & Technology has created history once again by getting accredited of National Board of Accreditation (NBA) for the second time for its B. Tech. Programme (CE, CSE, ECE& ME) for two years.

The National Board of Accreditation (NBA) will periodically conduct evaluation of technical institutions and programs on the basis of guidelines, norms and standards. The accreditation exercise is designed to be rigorous with several inputs such as quality of teaching, level of research, faculty expertise, evaluation of teachers, standard of infrastructure available in the campus, such as hostel facility, library, medical facility etc. These are taken into consideration in order to help the visiting accreditation team of experts to have holistic approach and arrive at a rational evaluation.

Chairman & CEO of ACET Amritsar Advocate Amit Sharma said"This accreditation helps benchmark the B.Tech. programme globally, which will contribute to ACET students getting better recognition in India and abroad and also help attract placements and tie-ups with leading International Universities and MNCs."

NAAC Inspection 13th -15th Oct 2016

The National Assessment and Accreditation Council (NAAC) has awarded `A' grade for 2nd cycle to an Autonomous Institution, Amritsar College of Engineering and Technology (ACET), Amritsar.

The college was assessed by a four member's team. According to a press release from the college, the peer team was led by Prof. Moin Uddin, Pro-Vice Chancellor, Delhi Technological University. The members comprising the team included Prof V. Rhymend Uthariaraj, Former Secretary, TNEA, Dr. V. Kulandai Samy, Principal (Retd.) St. Joseph's Degree & PG College and Dr. Jyoti Shanker, Principal Kulbhasker Ashram PG College, Allahabad.

They visited the college for three days, October 13 to 15, 2016. A number of factors were taken into account for assessment. They verified the infrastructural facilities and quality of academic activities through interactions with the teaching and non-teaching staff, students, parents, alumni, management, Internal Quality Assurance Cell. They also visited all the support facilities, playground, hostels, canteen etc. The Peer team praised the Infra-Structure, Research, Sports facilities and Cultural activities of the college

ACET, was accredited for its first cycle of accreditation by NAAC in 2012. As per the latest accreditation status, an institution scored Grade 'A' and Performance Descriptor 'Very Good' and becomes second Engineering College in Punjab to get the highest CGPA score and Grade "A" in the new format of evaluation prepared by NAAC.

Board of Governors/ Academic Council Meetings held on 26th March 2017

Glimpses of 4th BOG meeting held on 26 May 2017(Honable Chairman Sh. Amit Sharma with other members

Glimpses of 4th Academic council meeting held on 26 May 2017 Dr. V. K Banga, Principal along with other members

Department of Applied Sciences

1. Introduction about the Department

Competition is the very word that defines the professional arena in today's world. The key to outstand and outshine the competition lies in development of multi – tasking personality. The Department of Applied Sciences is continuing from the inception of the college. Its mission is to impart teaching and to promote implementation of practical aspects of Applied Sciences and Humanities to build a solid foundation as part of the Engineering Education. Further, the vision is set for opening up research areas in the field of Applied Sciences. It provides essential knowledge about Engineering Physics, Engineering Chemistry, Communicative English, Engineering Mathematics, Environmental Sciences and Human Values and Professional Ethics. The department has dedicated and experienced faculty which consists of Professors, Associate Professors and Assistant Professors who possess PhD, M.Phil.and Master Degrees. Personality Development is another area of focus on students so that they can compete well in all spheres of life. This department is not only being developed and updated continuously along with engineering

departments but is also a source of continuous attention of the authorities to provide updated knowledge with the latest techniques and infrastructure to our students.

2. HOD brief Details

Name	Ms. Binod Kaur
Qualification	M.A (English), PGDTE, PGCTE, NET cleared
Total Experience	16 yrs.
Area of Specialization	Communication Skills

Three expertise in department

S. No.	Faculty Name	Qualification	Experience	Specialization
1	Dr. Navdeep Singh	P.h D Physics M.Ed	10 yrs	Engineering Physics
2	Mr. Baljeet Verma	MA M.Phi English (CAIIB (1))	28 yrs	Communicative English
3	Mr. Rupinder Singh Sekhon	M.SC Math	13 yrs	Mathematics

3. New joining (Faculty)

1. Ms. Jasmine Bawa	MBA	Asst. Prof
2. Ms. Gurdarshan Kaur	M.A (English)	Asst. Prof
3. Ms. Tavishee Mehra	MBA	Asst. Prof
4. Ms. Baljeet Kaur	MSc. (Physics)	Asst. Prof
5. Dr.Neetu	Phd (Chemistry)	Asst. Prof
6. Ms.Amanpreet	M.Sc,M.Phil and M.Ed.	Asst. Prof

4. Student strength year wise Gender and state distribution

Year	Male	Female	From Punjab	From Himachal	From J&K	From Others States
1st Year	295	82	238	03	12	124

5. Final examination Results

a. Pass %age subject wise (Jan – May (2016), July-Dec(2016), Physics Group)

B.tech / 2nd Sem (Jan - May 2016) CSE,IT,ECE 2ND Sem	Subjects/ subject code	No of students appeared	Pass%age
	Engg Maths –I (BTAM -102)	228	76%
	Engg Physics (BTPH- 101)	227	70%
	Basic Electrical &Electronics Engineering (BTEE- 101)	226	60%
	Communicative English (BTHU – 101)	227	86%
	Human Values and Professional Ethics (HVPE – 101)	228	88%
B.Tech / 1st Sem July - Dec 2016 CSE,IT,ECE 1st Sem	Engg Maths –I (ACAM -101)	230	63.9%
	Engg Physics (ACPH- 101)	231	65.3%
	Basic Electrical &Electronics Engineering (ACEE- 101)	228	64.4%
	Communicative English (ACHU – 101)	227	95.1%
	Human Values and Professional Ethics (ACHV – 101)	227	79.7%

b. Pass %age subject wise (Dec. ,2015, Chemistry Group)

B. Tech /Sem	Subjects/ subject code	No of students appeared	Pass(%age)
B.tech /2nd Sem ME/ECE/CSE/EE (Jan - May 2016)	Engg Mathematics –II (BTAM -102)	233	77%
	Engg Chemistry (BTCH – 101)	231	77%
	FCPIT (BTCS -101)	231	73%
	E.M.E (BTME – 101)	231	64%
	Engineering Drawing (BTME – 102)	228	77%
	EVSC (EVSC -101)	230	83%
B.tech / 1stSem ME/ECE/CSE/EE (July -Dec 2016)	Engg Mathematics –I (ACAM -101)	190	53%
	Engg Chemistry (ACCH – 101)	191	69%
	FCPIT (ACFC -101)	191	67%
	EME (ACME – 101)	192	93%

	Communicative English -1 (ACHU – 101)	228	69%

May 2016

Class/Sem	No.of students having more than 75% marks	No.of students having more than 80% marks
Physics Group	28	15

Dec 2016

Class/Sem	No.of students having more than 75% marks	No.of students having more than 80% marks
Physics Group	30	17

May 2016

Class/Sem	No.of students having more than 75% marks	No.of students having more than 80% marks
Chemistry Group	30	17

Dec 2016

Class/Sem	No.of students having more than 75% marks	No.of students having more than 80% marks
Chemistry Group	28	15

6. Department Library :- Books and Journals

No. of books: 7380

No of Reference books: 400

7. Society of the Department

Applied sciences society for exploring Talent (ASSET)

We organise various technical and creative events to enhance the personality and confidence of the students. The aim of the departmental society is to provide platform to the first year students to promote participation in the events at the college and at the university level.

The events organised under Applied Sciences Society for Exploring Talent (ASSET) are as following

a. Extempore– Participants: PanavBeri,VaibhavMahajan, KIranjit Kursecured 1st, 2ndpositions respectively.
b. Advertise a Product– Participants:NamgayZam, AbhaySondhiand Bikram Thapasecured 1st, 2ndand3rd positions respectively.
c. Painting Competition on Claenliness- Participants:LovejotSingh,Ravneet Singh andCharanjitSingh secured1st, 2ndand3rd positions respectively.
d. Talent Hunt- Participants: Srishti, Manpreet Kaur and Manisha secured 1st, 2ndand 3rd positions respectively.
e. Sketch Drawing -Participants: Akashdeep Singh, Jasleen Kaur and Lovejot Singh secured 1st, 2ndand 3rd positions respectively.
f. Impromptu Speech- Participants: Subhir Magotra, Anmoldeep Kaur and Ruchika secured 1st, 2ndand 3rd positions respectively.
g. Calligraphy– Participants: Divanshi Mehra and Jeevanjot Kaur Khehra and Komlapreet Kaur Khehra secured 1st2nd and 3rdpositions respectively.
h. Gaane- ko-Pehchane –Participants:RaghavGupta and Ruchika secured 1st and 2ndpositions respectively.
i. Picture Perception Test – Participant: Sukhmanjeet Kaur, Divanshi Mehra and Keeratpal Kaursecured 1st, 2ndand3rd positions respectively.
j. Extempore on Bhagat Singh –Participants:Anmoldeep Kaur, Manpreet Kaur andRajbir Singh secured1st, 2ndand 3rd positions respectively.

8. Guest Lectures / Workshops/ FDP

Department of Applied Sciences always organise various Guest Lectures, Workshops and FDP to enhance the knowledge of Faculty and Students. The detail of Academic Events is as follows :

Guest Lectures

Sr. No.	Title	Expert /Resource Person	Date
1	Science day and Mathematics Day	Dr.Ashish Arora	03rd-May- 2017
2	Correct way to acquire English	Mr. Girish Sharma	07rd -February – 2017
3	Internet of things ,Raspberry pi,Google Cloud and Quadcopter	Mr.Rohit Khosla	31rd -March 017
4	Computer Aided designing	Mr.Rajdeep Singh &	07rd - April - 2017

		Mr. Jasmeet Singh	
5	Router and Switching	Mr. Yinz Hen Cai	13rd - April - 2017

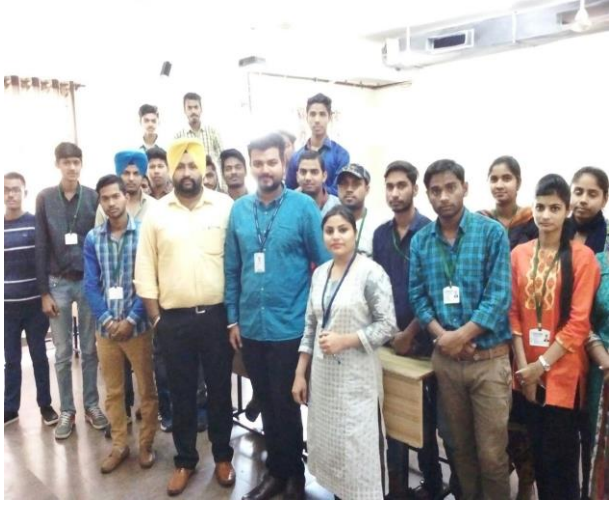
Workshops Organized/Attended

Sr.No.	Title	Expert /Resource Person	Date
1	Days residential workshop on Human Values and Professional Ethics	Mr. Jatinder Narula	15th-Dec – 2016 to 22nd-Dec -2016
2	1 day workshop to strengthen Value Education Program	Mr. Vinay	22nd- February – 2017
3	Internet of things ,Raspberry pi,Google Cloud and Quadcopter	Mr.Rohit Khosla	31st-March 017

9. Photo Gallery

Extempore on Bhagat Singh

Prize Distribution



Guest Lecture on "Importance of Electrical Communication Engineering

Inauguration of activity (Imandari ki Dukan)

Water Saving Campagin

Department of Civil Engineering

1) <u>Introduction about department:</u> The Department of Civil Engineering was established in year 2009 with an objective to produce excellent Engineer Graduates, by training young budding engineers through an integrated approach comprising of a well proportioned blend of Classroom teaching, onsite training and hands on experience in state of art laboratories with NABL celebrated equipment, with excellent infrastructures and well qualified faculty, the department focuses on young professional to contribute towards growth of our country in the field of infrastructures like Roads, Railways, Buildings, Canals, Water Supply, Tunnels and Dams etc. The students have shown their potential through achievements in various competitive tests of National and International level, fetching admissions in masters courses abroad, fetching placement in reputed companies, and setting up their own start-ups.

2) <u>A) HOD brief details and 3 expertise in the Department.</u>

Name	Dr. Upain Kumar Bhatia
Qualification	PhD
Total Experience	18 Years (Teaching)
Area of Specialization	Fluvial Hydraulics, Ground water recharge Flow visualization

B) 3 Expertise in the Department:

Sr. No.	Faculty Name, Designation	Qualification	Experience	Specialization
1	Prof. P.S Sidhu	M.Tech(pursuing)	37 Years	Environmental & Structural Engineering
2	Er. Tarun Syal	M.Tech,	09 Years	Structural Designing
3	Er. Jashandeep Singh Arora	M.Tech	08 Years	Concrete Improvisation

3) New joining (faculty) in the Department

Sr. No.	Name	Designation	Qualification	Experience	Date of Joining
1	Er. Shreya Gupta	Assistant Professor	M.Tech	1 year	14/07/2016
2	Er. Vijay Kumar	Assistant Professor	M.Tech	1 year	18/07/2016
3	Er. Nanika Gulati	Assistant Professor	M.Tech	6 months	11/01/2017

4) Student Strength Year wise with Gender and State Distribution.

Year	Male	Female	From Punjab	From Himachal	From J& K	From Others States
2nd year	110	13	65	01	19	38
3rd Year	108	08	85	12	05	14
4th Year	107	01	97	02	05	04

5) Final Examinations Results :-

1. **Pass %age subject-wise (May-2016)**

	Subjects	No of Student Appeared	Pass %age
Class 4th Semester	BTCE-401 Geomatics Engineering	102/123	82.92
	BTCE-402 Construction Machinery & Works Mgt.	116/119	97.47
	BTCE-403 Design of Concrete Structures-I	105/123	85.36
	BTCE-404 Fluid Mechanics-II	99/120	82.05
	BTCE-405 Irrigation Engg-I	114/120	95
	BTCE-406 Structural Analysis-I	99/121	81.81
	BTCE-407 Concrete Technology Lab	122/122	100
	BTCE-408 Structural Analysis Lab	119/119	100
	BTCE-409 General Fitness	132/132	100

Class 6th Semester	BTCE-601 Design of Concrete Structures-II	113/119	94.95
	BTCE-602 Elements of Earthquake Engineering	107/117	91.45
	BTCE-603 Foundation Engineering	98/117	83.77
	BTCE-604 Numerical Methods in Civil Engg	104/119	87.39
	BTCE-605 Professional Practice	106/117	90.59
	BTCE-606 Environmental Engg-II	100/116	85.47
	BTCE-607 Environmental Engg Lab	117/117	100
	BTCE-608 Computer Aided Structural Design-II	119/119	100
	BTCE-609 General Fitness	119/119	100
7th/8th Semester B1	BTCE-801 Design of Steel Structures-II	54/56	96.42
	BTCE-802 Disaster Management	54/56	96.42
	BTCE-803 Irrigation Engg-II	52/56	92.85
	BTCE-804 Transportation Engg-II	52/56	92.85
	BTCE-809 Pre-stressed Concrete	54/56	96.42
	BTCE-820 Bridge Engineering	55/56	98.21
7th/8th Semester B2	BTCE-701 Software Training	78/78	100
	BTCE-701A Industrial Training	78/78	100

Dec 2016

	Subjects	No of Student Appeared	Pass %age
Class 3rd Semester	BTAM-301 Engineering Mathematics-III	82/129	64
	BTCE-301 Fluid Mechanics-I	87/129	67
	BTCE -302 Rock Mech. & Engg. Geology	97/129	75
	BTCE-303 Strength Of Materials	88/129	68
	BTCE-304 Surveying	99/129	77
	BTCE-305 Building Materials & Con.	94/129	73
	BTCE-306 Fluid Mechanics-I Lab	113/129	88
	BTCE-307 Strength Of Material Lab	120/129	93
	BTCE-308 Surveying Lab	111/129	86
	BTCE-309 4 Weeks Workshop Training	125/129	97
Class 5th Semester	BTCE-501 Design of Steel Structures-I	116//140	61
	BTCE-502 Geotechnical Engineering	123/140	76
	BTCE-503 Structural Analysis-II	120/140	76
	BTCE-504 Transportation Engg-I	121/140	87
	BTCE-505 Environmental Engg-I	122/140	95
	BTCE-506 Transportation Engg Lab	122/140	95
	BTCE-507 Geotechnical Engg Lab	121/140	96
	BTCE-508 Computer Aided Structural Design-I	119/140	94
	BTCE-509 Survey Camp	123/140	100

7th/8th Semester B1	BTCE-801 Design of Steel Structures-II	61/67	91
	BTCE-802 Disaster Management	59/67	86
	BTCE-803 Irrigation Engg-II	47/67	70
	BTCE-804 Transportation Engg-II	55/67	83
	BTCE-809 Pre-stressed Concrete	59/67	86
	BTCE-820 Bridge Engineering	54/67	81
7th/8th Semester B2	BTCE-701 Software Training	53/54	98
	BTCE-701A Industrial Training	53/54	98

May 2016

Class/Sem	**No. of students having more than 75% marks**	**No. of students having more than 80% marks**
4th Semester	11	05
6th Semester	06	01
7th/8th Semester B1	04	01
7th/8th Semester B2 (On Training)	38	15

Dec 2016

Class/Sem	**No. of students having more than 75% marks**	**No. of students having more than 80% marks**
Class 3rd Semester	**06**	**12**
Class 5th Semester	**06**	**02**
7th/8th Semester B1	**01**	**01**
7th/8th Semester B2	**26**	**03**

6) Placements :-

Batch 2013- 2017

Sr. No	Name of Company/ Organization	Number of Students Placed	Package Offered
1.	Collabra, Indore	Aditya Sharma	2.28 Lac
2.	Head Field, Gurgao	Ankit Sharma	2.26 Lac
3.	Sobha Limited	Sahil Mahajan Pardeep Mahajan	3.76 Lac
4.	Tung Builders	Navjot Singh Rajput	3.80 Lac
5.	DS Constructions	Navjot Singh Rajput	3.84 Lac
6.	Ambuja Cement	Himanshu Khajuria	2.88 Lac
7.	SIPS, New Delhi	Gagandeep Singh	1.80 Lac
8.	Satyam Builders	Kabir Sharma	1.80 Lac
9.	KMM consultants & Engineers	Bhagwant Singh	2.64 Lac

7) Departmental Library :- Books & Journals

No. of Books: 5000
No. of Thesis/Projects: 50

8) Students Activities and achievements :-

a. Sports :-

Sr. No	Name of Student	Event	Position Obtained
1	Mr. Sarbjit Singh 7th Semester B2 (1300270)	Athletics (Athletic Meet 2017)	100m=Gold 400m=Bronze 4X400 Relay=Gold

b.Social Curricular/co-curricular Activities :-

i. Interaction Meet on "Amritsar- A Smart City" on 07/06/2016.
ii. Technical event 'Cantilivo' was organized during Prayas 2017 on 17/03/2017.
iii. Karan Sharma of final year qualified GATE-2017 with score of 382.

9) Society Activity

1. Department organized many events like **Solo Singing,** Basket Ball Tournament, Sketching, Football Tournament, **Technical Crossword**, Tol-mol-k-Bol under Smeaton Society.
2. Teachers Day Celebration organized by students on **5th September 2016.**

10) Photo Gallery

A Participating Team, ‘ Cantilivo’ 17.03.2017

Educational Tour to RMC Plant 13.02.2017

Survey Camp 2017 at Naddi

Interclass Basketball Tournament at ACET Amritsar

Got First Position in SCAN D SPAN

Department of Computer Science & Engineering

1. Introduction about the Department

The Department of Computer Science and Engineering offers four year B. Tech program in Computer Science & Engineering based on Semester System. Ever since its inception in 2002, the Department has attracted a lot of young talent who want to pursue their careers in this field. Recent advancements in the field of Computer and Information Technology has made this world a global village, with continuous thrust on avenues such as Information Super Highway, Software Development, Problem Solving Techniques and a host of other technologies. Keeping this in mind, Department of Computer Science & Engineering has redesigned the course contents so as to meet the latest industry requirements. Department makes every effort to give our Nation engineers with a high caliber of technical expertise. The experienced and dedicated faculty exposes the would-be computer engineers to a rigorous and exhaustive curriculum designed to bring out the best in them.

2. HOD brief details and 3 expertise in the department.

Name	**Er. Amarpreet Singh, HOD(CSE/IT)**
Qualification	M.Tech PhD Pursuing
Total Experience	17 Years
Area of Specialization	Database, Network Security, Artificial Intelligence

Expertise in the Department

S. No.	Faculty Name	Qualification	Experience	Specialization
1	Er. Ajay Sharma Associate Professor	M.Tech PhD Pursuing	23 Years	Big Data Analytics, DBMS, Programming
2	Er. Navneet Bawa Associate professor	M.Tech PhD Pursuing	10 Years 6 Months	Digital Image Processing, Bioinformatics
3	Er Sandeep Kad Associate professor	M.Tech PhD Pursuing	17 Years	Soft computing, Computer Networks, Software Engineering

3. New joining (faculty) in the deptt

Name	Designation	Date of Joining	Qualification/University/Year
Ms. Navleen Kaur	Assistant Professor	13/7/2016	M.Tech/(PU)/ 2011 B.Tech(CSE)/PTU/ 2009
Ms Priya Sharma	Assistant Professor	03/08/2016	M.tech (PTU)/2016 B.Tech(CSE)/PTU/ 2013
Mr. Harpinder Singh	Assistant Professor	19/08/16	MTech (GNDU)/2015 B-Tech(CSE)/PTU/ 2013

4. Student Strength Year wise with Gender and State Distribution.

Year	Male	Female	From Punjab	From Himachal	From J& K	From Others States
1st year	99	158	158	2	5	10
2nd year	118	79	172	3	4	19
3rd Year	97	68	159	1	5	5
4th Year	95	114	203	---	3	3

5. Final Examinations Results :-

a. Pass %age subject-wise (Dec 2016, May 2016)

Dec 2016

	Subjects	No of Students Appeared	Pass %age
B.Tech (CS1) 3rd Sem	BTCS 301 Computer Architecture	58	86.2
	BTCS 302 Mathematics III	58	74.1
	BTCS 303 DCLD	58	89.6
	BTCS 304 Data Structure	58	87.9
	BTCS 305 OOPs using C++	58	84.4

	Subjects	No of Students Appeared	Pass %age
B.Tech (CS2) 3rd Sem	BTCS 301 Computer Architecture	61	72.2
	BTCS 302 Mathematics III	61	67.2
	BTCS 303 DCLD	61	77
	BTCS 304Data Structure	61	82
	BTCS 305OOPs using C++	61	78.7
	Subjects	**No of Students Appeared**	**Pass %age**
B.Tech (CS3) 3rd Sem	BTCS 301 Computer Architecture	55	89.1
	BTCS 302 Mathematics III	55	81.8
	BTCS 303 DCLD	55	94.5
	BTCS 304Data Structure	55	94.5
	BTCS 305OOPs using C++	55	90.9
	Subjects	**No of Students Appeared**	**Pass %age**
B.Tech (CS1) 5th Sem	BTCS501 CN-I	64	82.8
	BTCS502 RDBMS-I	64	78.12
	BTCS503 DAA	64	75
	BTCS504CG	64	87.5
	BTCS505 CPI	64	84.3

	Subjects	No of Students Appeared	Pass %age
B.Tech (CS2) 5th Sem	BTCS501 CN-I	59	89.8
	BTCS502 RDBMS-I	59	83.1
	BTCS503 DAA	59	83.1
	BTCS504CG	59	95
	BTCS505 CPI	59	95
B.Tech (CS3) 5th Sem	**Subjects**	**No of Students Appeared**	**Pass %age**
	BTCS501 CN-I	62	85.4
	BTCS502 RDBMS-I	62	79.03
	BTCS503 DAA	62	72.5
	BTCS504CG	62	91.9
	BTCS505 CPI	62	90.3
B.Tech (CS3) 7th Sem	**Subjects**	**No of Students Appeared**	**Pass %age**
	BTCS701 AI	67	89.5
	BTCS702 TOC	67	83.5
	BTCS907 SPM	67	85.0
	BTCS912 Cloud Computing	67	86.6

May 2016

B.Tech (CS1) 4h Sem	**Subjects**	**No of Students Appeared**	**Pass %age**
	BTCS 401 OS	67	82.81
	BTCS 402 DISCRETE	67	89.1

	BTCS 403 CN I	67	82.81
	BTCS 404 MPAL	67	90.63
	BTCS 405 SP	67	87.5
B.Tech (CS2)	**Subjects**	**No of Students Appeared**	**Pass %age**
4h Sem	BTCS 401 OS	60	93.3
	BTCS 402 DISCRETE	60	88.3
	BTCS 403 CN I	60	86.7
	BTCS 404 MPAL	60	90
	BTCS 405 SP	60	86.7
B.Tech (CS3)	**Subjects**	**No of Students Appeared**	**Pass %age**
4th Sem	BTCS 401 OS	65	83.9
	BTCS 402 DISCRETE	65	85.5
	BTCS 403 CN I	65	84.3
	BTCS 404 MPAL	65	87.5
	BTCS 405 SP	65	89.0
B.Tech (CS1)	**Subjects**	**No of Students Appeared**	**Pass %age**
6th Sem	BTCS-601 Simulation & Modeling	56	92.7
	BTCS602 RDBMS-II	56	100
	BTCS603Software Engineering	56	89.5
	BTCS 901 Web Technologies	56	100
	HU-251Human Resource Management	56	100

	Subjects	**No of Students Appeared**	**Pass %age**
B.Tech (CS2) 6th Sem	BTCS-601 Simulation & Modeling	52	96.2%
	BTCS602 RDBMS-II	52	100%
	BTCS603Software Engineering	52	96.2%
	BTCS 901 Web Technologies	52	100%
	HU-251Human Resource Management	52	100%
B.Tech (CS3) 6th Sem	**Subjects**	**No of Students Appeared**	**Pass %age**
	BTCS-601 Simulation & Modeling	59	91.5%
	BTCS602 RDBMS-II	59	95%
	BTCS603Software Engineering	59	96.2%
	BTCS 901 Web Technologies	59	93.1%
	HU-251Human Resource Management	59	100%
B.Tech (CS1) 8th Sem	**Subjects**	**No of Studenst Appeared**	**Pass %age**
	BTCS-701 AI	63	96.9%
	BTCS702 TOC	63	93.8%
	BTCS905 STQA	63	100%
	BTCS 912 CC	63	100%

	Subjects	No of Student Appeared	Pass %age
B.Tech (CS2) **8th Sem**	BTCS-701 AI	70	97.1%
	BTCS702 TOC	70	93.8%
	BTCS905 STQA	70	100%
	BTCS 912 CC	70	100%

b. First three positions with University topper in the final Examinations

May 2016

Class/Sem B.Tech	No. of students having more than 75% marks	No. of students having more than 80% marks
4th	15	3
6th	23	15
8th	20	6
8th (Training)	21	13

Dec 2016

Class/Sem B.Tech	No. of students having more than 75% marks	No. of students having more than 80% marks
3rd	16	14
5th	28	14
7th	14	02
7th (Training)	19	41

6. Placements

S. No	Company Name	Branch	No. of Students	Annual Pay Package
1	GLOBIZNET SHOPPING PVT LTD	CSE	1	Rs. 3.09 Lakhs
2	CAPGEMINI	CSE	14	Rs. 3.15 Lakhs
3	HP	CSE	2	Rs. 5.00 Lakhs
4	GROUP 10	CSE	2	Rs. 3.60 Lakhs
5	AMAZON	CSE	1	Rs. 15.5 Lakhs
6	Intel	CSE	2	Rs. 7.00 Lakhs

7	ARTECH INFOSYSTEMS	CSE	2	Rs. 2.16 LPA + 40 K
8	TCS (Code Vita)	CSE	1	Rs. 3.20 Lakhs
9	JK TechnoSoft	CSE	3	Rs. 3.00 Lakhs
10	R-Systems	CSE	1	Rs. 2.64 Lakhs
11	CEBS Worldwide	CSE	1	Rs. 3.30 Lakhs
12	Chimes	CSE	4	Rs. 4.26 Lakhs
13	Competent Synergies Pvt. Ltd	CSE	1	Rs. 84000 PA
14	Sopra Steria	CSE	2	Rs. 3.50 Lakhs
15	Amazon	CSE	4	Rs. 2,90 / Rs. 2.74 Lakhs PA Respectively + 75000 Re-Location
16	Mind Infotech	CSE	1	Rs. 3.00 Lakhs
17	Art IT World	CSE	1	Rs. 2.25 Lakhs
18	Nest Software Pvt. Ltd	CSE	1	Rs. 1.80 Lakhs
19	Surya Consultants	CSE	1	Rs. 2.00 Lakhs
20	Affinis Technosoft	CSE	1	Rs. 2.10 Lakhs
21	Thinkflow	CSE	1	Rs. 3.80 Lakhs
22	NITS	CSE	4	Rs. 2.50 Lakhs
23	Ariel	CSE	1	Rs. 1.20 Lakhs
24	Cognizant	CSE	1	Rs. 2.94 Lakhs
25	Ingenuity Gaming	CSE	1	Rs. 1.20 Lakhs
26	Statusbrew	CSE	1	Rs. 1.80 Lakhs
27	Pyramid IT Consulting	CSE	2	Rs. 2.04 Lakhs
28	Teleperformance	CSE	1	Rs. 2.04 Lakhs
29	Eclerx	CSE	2	Rs. 1.80 Lakhs
30	Luminoguru pvt ltd	CSE	1	Rs. 1.80 Lakhs
31	Vlogic Labs	CSE	3	Rs. 1.80 Lakhs

7. <u>Departmental Library :- Books & Journals</u>

No. of Books: 7374
No. of Reference Books: 534
No. of Thesis/Projects: 30/24

8. <u>Students Activities and achievements</u> :-

a. Social Curricular/co-curricular Activities :-

NIT Jalandhar: "TECH NITI 2016"

Total Number of Students participated: 21

S.No	Name	Sem	Event	Position
1	• Rishabh Khanna • Nikhil Varvani	5th	Kya Tu Bir Hai	1st
2	Akshay Nanda	3rd	Rangoli	3rd

GNDU Amritsar: "AURUM 2017"

S.No	Name	Sem	Event	Position
1	Nagesh Wadhera	6th	Robomania-Tractor Pull	3rd

b. ACES (ACET Computer Engineers Society)

The Department has established a technical society under the name 'ACES' with an aim to enhance technical and managerial skills of the students by organizing events like paper presentations, technical seminars, aptitude tests, group discussions, quiz, mock interviews etc. This is done to enhance the overall personality of the students so that they serve the multinationals and industry in the best possible way.

Summary of ACES society events

Year	Date	Name of Event	No. of Students Participated	Name of Top two winners / Deptt.
2016-17	5th June 2017	World Environment Day : Extempore	08	Sunidhi CSE 3rd Sem Sachin CSE 3rd Sem
	5th June 2017	World Environment Day : Caption Contest	40	Sachin CSE 3rd Sem Harsimrat Singh CSE 6th Sem
	8th March 2017	Nail ART Competition	20	Jagroop Kaur CSE 6th Sem Harpreet Kaur CSE 6th Sem
	8th March 2017	Poster making competition	10	Komal Sharma CSE 4th Sem Kiranjot Kaur CSE 4th Sem
	8th March 2017	Poetry Competition	08	Anisha CSE 6th Sem Kiranjeet Kaur CSE 4th Sem
	8th March 2017	Photography Event	18	Sharanjeet Kaur CSE 6th Sem Harpreet Kaur CSE 4th Sem
	16th Feb 2017	Aptitude Test	350	Manik Sharma CSE 8th Sem Karanpratap Singh CSE 8th Sem
	25th Jan 2017	Turban Tying	12	Anterpreet Singh CSE 8th Sem

		competition		Kamaldeep Singh CSE 8th Sem
	25th Dec 2016	Cashless Presentation event	10	Gurpreet Kaur Shubham Sharma
	03rd Oct 2016	UI Design Event	95	Madhav/Mahipal/Prince/Pranav Shreya/Yati/Prerna/Rhythm/Sonam
	27th Sept 2016	LAN Gaming	54	Ansh Dhingra CSE 3rd Sem Nitesh Kumar CSE 3rd Sem
	19th Sept 2016	Intra Department Volleyball Tournament	32	BTech CSE 5th Sem
	16th Aug 2016	Algorithm & Logic Design	20	Anisha Chopra CSE Ansh Dhingra / Gagan Dhanuka CSE
	12th Aug 2016	Face painting Competition	30	Priyanka/Parampreet CSE Pallavi thakur/ Neha CSE
	11th Aug 2016	Patriotic Singing Competition	20	KaranBir Singh CSE Isha Joshi CSE
	4th Aug 2016	C++ Aptitude test	20	Ansh Dhingra CSE GAgan Dhanuka CSE

9. Workshops/Seminars/Guest Lectures

Workshops

Title	Duration(Dates)	Resource Person
Workshop on" Cyber Security and Ethical Hacking"	3 Days (16-18 September, 2016)	Mr.Parambir Singh, ACET ASR Mr.Vinod Sharma, ACET ASR
Workshop on Internet of Things	1 Day (4th October, 2016)	EESPL,Mohali
Workshop on Android	3 Days (6-8 October, 2016)	Mr.Girish Kumar, ACET ASR
Workshop on Cyber Security	1 Day (16th March, 2017)	Mr.Vinod Sharma, ACET ASR
Workshop on Big Data	1 Day (16th March, 2017)	Mr. Ajay Sharma, ACET ASR

Seminars

Duration(Dates)	Resource Person
3 Days (16-18 September, 2016)	Mr.Parambir Singh, ACET ASR, Mr.Vinod Sharma, ACET ASR
1 Day (4th October, 2016)	EESPL,Mohali
3 Days (6-8 October, 2016)	Mr.Girish Kumar, ACET ASR
1 Day (16th March, 2017)	Mr.Vinod Sharma, ACET ASR
1 Day (16th March, 2017)	Mr. Ajay Sharma, ACET ASR

Guest Lectures

Title	Resource Person	Date
Importance of BioInformatics & publicly available tools and databases	Dr. Ajay Shiv Sharma	15th Sept 2016
Computing Environment and its importance	Dr.Sunil K Singh	4th Oct,2016

Faculty publications (2016-2017)

1. \Kaur N and Kad S., "Data Dissemination in VANETs: A Review", International journal of engineering and technical research (IJETR), vol. 6, pp: 2454-4698, issue 04, 2016.
2. Kaur N and Kad S., " Cluster connectivity selection criteria in vehicular AD Hoc Network", IEEE proceeding of second international conference on contemporary computing and informatics(iC3I-16), Dec-2016.
3. Kaur N and Kad S., "A weighted control dynamic clustering approach in vehicular Ad Hoc network", International journal of advanced research in computer and communication engineering(IJARCCE), 2017.
4. Er. Sandeep kad, Kavneet Kaur, "Enhanced clustering based AODV-R protocol using ant colony optimization in VANETS", IEEE first international conference on power electronics, intelligent control and energy system(ICPEICES), 2016.
5. Er. Sandeep Kad, "A secure clustering based approach in vehicular adhoc network" , IEEE international conference on Signal Processing, Communication Power and Embedded system SCOPES-2016 at Centurion University Oct 03-05, 2016 in Paralakhemundi, Odisha.
6. Harpreet Kaur, Er. Ajay Sharma, "Novel email spam classification using integrated particle swarm optimization and J48", International journal of computer applications(0975-8887) volume 149-No. 7, Sept 2016
7. Aakshi Mahajan, Er. Ajay Sharma, " A study of various machine learning techniques for medical data mining" International journal of computer applications(2250-1797) volume 6- No.5, Sept-Oct 2016
8. Harpreet Kaur, Er. Ajay Sharma, "Improved email spam classification method using integrated particle swarm optimization and decision tree" IEEE 2nd international conference on next generation computing technologies(NGCT-2016) Dehradun, India 14-16 Oct 2016.
9. Er. Ajay Sharma, "A review paper on chronic kidney disease detection" International journal of engineering trends and applications, volume 3 issue 4 2016.
10. Navdeep Sandhu, NavneetBawa, "Improved quality of watermark image by using DCT with Arnold transfer", IEEE International conference on Quality, Productivity, Reliability, Optimization and modelling(ICQPROM), Jan 2017.
11. Sachindeep Kaur, NavneetBawa,"Performance evaluation of compressed image by using gradient based optimization and edge restoration method", International journal of engineering and technology(IRJET), volume 4issue 1, Jan 2017.
12. Navdeep Sandhu, NavneetBawa, "performance evaluation of watermark image quality by using DCT with Arnold transfer", International journal of advanced research in engineering and management(IJAREM), vol 03 No. 01, 2017
13. Sachindeep Kaur, NavneetBawa, "Improved SVD-WDR compressed with gradient-based optimization on images", 4th IEEE international conference on Parallel, Distributed and Grid Computing(PDGC),Dec. 2016.
14. Kirandeep Kaur, Er. NavneetBawa, "Hybrid binary bat optimization based underwater color image enhancement" International conference on sustainable computing techniques in engineering science and management, Hierank business school, Noida, 9-10 Sept, 2016
15. Kirandeep Kaur, Er. NavneetBawa, "Performance evaluation of image enhancement using hybrid binary bat optimization", 2nd international conference on next generation computing technologies(NGCT-2016), Oct 14-16, 2016.

16. Ritanbhra, NaveetBawa, “A new improved FELICM based gray stretch method to segment image” International conference on sustainable computing techniques in engineering science and management, Hierank business school, Noida, 9-10 Sept, 2016
17. Er. NavneetBawa, Sunnit Kaur, “The prediction of secondary structure of protein using neural network and support vector machine” International conference on sustainable computing techniques in engineering science and management, Hierank business school, Noida, 9-10 Sept, 2016
18. Ritanbhra, NaveetBawa, “Performance evalution of segment images using improved FELICM based gray stretch, International conference on information technology-next generation IT submit (IEEE), Amity university UP, 6-7 Oct, 2016.
19. Manmeet Kaur, NavneetBawa, “Alignment based method using clustring and distance evaluation for construction of phylogenetic tree, International conference on information technology-next generation IT submit (IEEE), Amity university UP, 6-7 Oct, 2016.
20. Simarjeet Kaur, Er. Shivani Sharma, “Compressive sensing based improved data communication with lossy link for wireless sensor networks, International journal of advanced research in computer science and software engineering, volume 6, issue 7, ISSN: 2277-128x, 01-07-2016.
21. Er. Rimpy Sharma, Er. Shivani Sharma, “A survey on various routing protocols in wireless sensor networks” International journal of innovations in engineering and technology, volume 7 issue 3 Oct 2016.
22. Er. Shivani Sharma, “A timestamp approach under Sybil attack in vanet” National conference on emerging trends in computer science and information technology(ETCSIT-2016) organized by department of computerscience and engineering, IET Bhaddal Technical Campus. 23-24 Sept,2016.
23. Shikha Sharma and Er. Shivani Sharma, “A novel mechanism of detection of Sybil attack in vanet using timestamp approach”, International journal of engineering and technical research, ISSN: 2321-0869(o), 2454-4698(p), Jan-Feb, 2017.
24. Manoj Agnihotri, ShrutiPuri, “Analysis of Cloud Security through Honeypots”, International Journal of Innovations in Engineering and Technology (IJIET), Volume 8 Issue 2 – April 2017, ISSN: 2319 - 1058
25. ManojAgnihotri, ShrutiPuri, “Review: A Study on Malware Detection in Cloud Network Targeting Cloud Infrastructures”, International Journal of Innovations in Engineering and Technology (IJIET), Volume 8 Issue 1 – February 2017, ISSN: 2319 - 1058
26. ManojAgnihotri, Rupinderjit Singh, “Proactive Approach for Energy Efficient Job Scheduling in Cloud Data Centers”, IEEE sponsored 2nd International Conference on Contemporary Computing and Informatics (IC3I) Dec 2016, Amity University, Noida
27. ManojAgnihotri, Mandeep Kaur, “Performance Evaluation of Hybrid GAACO for task scheduling in cloud Computing”, IEEE sponsored 2nd International Conference on Contemporary Computing and Informatics (IC3I) Dec 2016, Amity University, Noida
28. ManojAgnihotri, Prabhjot Kaur, “Efficient Variable Neighbourhood search Performance based Joint Optimization Task allocation for Multicore Processor”, IEEE sponsored 2nd International Conference on Contemporary Computing and Informatics (IC3I) Dec 2016, Amity University, Noida
29. Sahil Sharma and ManojAgnihotri, “Execution Analysis of Load Balancing Particle Swarm Optimization Algorithm in Cloud Datacenter”, Fourth International Conference on Parallel,

Distributed & Grid Computing (PDGC), IEEE Conference, Jaypee University of Information Technology, 2016.

30. Manpreet Kaur, ManojAgnihotri (2016). "Intermediate Co-operator for Optimal Resource Cooperation in Geo-distributed Mobile Cloud Computing Environment" Fourth International Conference on Parallel, Distributed & Grid Computing (PDGC), IEEE Conference, Jaypee University of Information Technology, 2016.
31. ManojAgnihotri, Rupinderjit Singh, "Proactive Job Scheduling Approach in Cloud Computing", International Journal of Engineering Trends and Applications (IJETA) – Volume 3 Issue 4, Jul-Aug 2016.
32. ManojAgnihotri, Rupinderjit Singh, "A Review of Cloud Computing Scheduling Strategies", International Journal of Engineering Trends and Applications (IJETA) – Volume 3 Issue 4, Jul-Aug 2016
33. ManojAgnihotri, Sahil Sharma. "A Particle Swarm Optimization based Technique for Scheduling Workflow in Cloud Data Center", International Journal of Engineering Trends and Applications (IJETA) – Volume 3 Issue 4, Jul-Aug 2016
34. Karamjit Kaur Dhillon, Er. Aarti, "Integrated saturation weighting based color cat algorithm" International journal of computer applications(0975-8887), volume 146, No. 5, 01-07-2016.
35. Karamjit Kaur Dhillon, Er. Aarti, "Integrated saturation weighting based color cat algorithm" International journal of computer applications(0975-8887), volume 146, No. 5, 01-07-2016.
36. Karamjit Kaur, Er. Aarti, "Performance evaluation of hybrid saturation weighting and colorcat based color constancy, "International conference on signal processing, communication, power and embedded system (SCOPES)-2016.
37. Nehagupta, Er. Aarti, "An improved approach to segment retina vessel using a combination of filters" in International conference on sustainable computing techniques in engineering, management and science(SCESM) 2016, 9-10 Sept, 2016.
38. Nehagupta, Er. Aarti, "Performance evaluation of retina vessel segmentation using a combination of filters" 2nd international conference on next generation computing technologies(NGCT)2016, Oct 14-16, 2016.
39. Er. Kuljit Kaur, Er. Aarti, "Fuzzy adaptive manifolds high dimensional mean median and trilateral filter for multiplicative noise images" International conference on sustainable computing techniques in engineering, management and science(SCESM) 2016, 9-10 Sept, 2016.
40. Er. Kuljit Kaur, Er. Aarti, "Performance evaluation of data mining based images by using fuzzy, mean, median trilateral filter in IJCA, 25 Oct, 2016.
41. Naina Singh, Aarti, A comparative study on various retinal vessel segmentation techniques in ICICCT, 2017
42. Amarjot Kaur, Er. Navleen Kaur, " A review the remote sensing images based on object detection using deep belief networks" International journal of engineering applied science and technology, vol. 2 issue 3, ISSN No. 2455-2143 pages 5-9, Jan- Feb 2017.

10. Photo Gallery

Cyber Security and Ethical Hacking Workshop March 2017

Guest Lecture by Dr. Ajay Shiv Sharma on topic " Bioinformatics & publicly available tools and databases

Workshop on Latest Market Technologies by SLR Infotech. Chd (Oct 2016)

World Environment Day Celebration June 2017

Workshop on Cyber Security by Mr. Ajey from KPIT Pune March 2017

Workshop on Latest Market Technologies by SLR infotech. Chd (Oct 2016)

Department of Electronics and Communication Engineering

1. **Introduction About Department:**

ECE is one of the core Engineering Courses being offered at ACET. The highlight of a B.Tech ECE Degree is that it Comes with the endorsement of CCNA and CCNP certification that adds value to candidates profile .The department offers four year B.Tech course and two year M.Tech based on the semester system ,the department is known to build theoretical and practical knowledge of the students with the assistance of myriad faculty expertise.

2. **A. HOD brief details:**

Name	Mr. Gurjit Singh
Qualification	Ph.D (Pursuing), M.Tech ECE
Total Experience	9 yrs.
Area of Specialization	Artificial Intelligence

B. 3 expertise in department

S. No.	Faculty Name	Qualification	Experience	Specialization
1	Mr. Sandeep Kaushal	P.h D Pursuing	18 yrs	Microwave Imaging
2	Mr. Gaurav Soni	P.h D Pursuing	10 yrs	Wireless and Optical Communication
3	Mr. Atul Mahajan	M.Tech.	9 yrs	Optical Communication

3. **Student Strength Year wise with Gender and State Distribution.**

Year	Male	Female	From Punjab	From Himachal	From J& K	From Others States
1st year	20	8	18	00	01	09
2nd year	24	23	34	4	4	5
3rd Year	52	30	69	2	4	7
4th Year	57	21	69	0	8	1

4. Final Examinations Results:-

(a) Pass %age subject-wise

(May-2016)

	Subjects	**No of Student Appeared**	**Pass %age**
2012-2016 Batch /8thSem	Computer Networks	65	100
	Embedded Systems	65	97
	Optical Communication	65	99
	Satellite Communication	65	100
	Wirelesssensor Networks	65	100
	Subjects	**No of Student Appeared**	**Pass %age**
2013-2017 Batch /6thSem	Operating systems	76	88
	Microwave and Radar	75	97
	Wireless Comm. System	76	99
	EEIM	76	100
	Digital System Design	76	87
	VLSI Design	76	96
	Subjects	**No of Student Appeared**	**Pass %age**
2014-2018 Batch /4thSem	Analog Comm. System	82	93
	Signal and Systems	82	91
	Electromagnetics and Antenna	82	88
	Electronic and measurement Instruments	82	91
	Pulse Wave Shaping and Switching	82	85
	Linear Control System	83	82

(Dec-2016)

	Subjects	**No of Student Appeared**	**Pass %age**
2013-2017 Batch /7thSem	Computer Networks	79	92.4
	Embedded Systems	79	92.4
	Optical Communication	79	87.3
	Digital System Design	77	93.5
	Satellite Communication	79	91.1
2014-2018 Batch /5thSem	**Subjects**	**No of Student Appeared**	**Pass %age**
	Data Structures	82	69.5
	Digital CommunicationSystem	82	81.7
	Digital Signal Processing	82	81.7
	Linear Integrated Circuit	82	82.9
	Micro processors & Microcontrollers	82	84.14
2015-2019 Batch /3thSem	**Subjects**	**No of Student Appeared**	**Pass %age**
	Engineering Mathematics-III	47	85.10
	Object Oriented Programming using C++	47	91.50
	Analog Devices & Circuits	47	87.23
	Digital Circuit and LogicDesign	47	91.49
	Network Analysis andSynthesis	47	82.97

(b) Result Analysis:-

May 2016

Class/Sem	No. of students having more than 75% marks	No. of students having more than 80% marks
2012-2016 Batch /8th Sem	41	48
2013-2017 Batch /6th Sem	7	5
2014-2018 Batch /4th Sem	5	5

Dec 2016

Class/Sem	No. of students having more than 75% marks	No. of students having more than 80% marks
2013-2017 Batch /7th Sem	10	1
2014-2018 Batch /5th Sem	5	6
2015-2019 Batch /3th Sem	2	6

5. Placements:-

Batch 2013- 2017

Sr. No	Name of Company/ Organization	Number of Students Placed	Package Offered
1.	Capgemini Pvt. Ltd.	05	3.15 lacs
2.	Aerial Telecom & Gurudev Group of Services Pvt Ltd	01	2.28lacs
3.	Traqmatix Pvt. Ltd.	01	2.12 lac
4.	Amazon India Pvt. Ltd.	02	3.49 lac
5.	Collabera Pvt. Ltd.	02	2.28 lac
6.	Teleperformance Pvt. Ltd.	03	2.04 lac

6. Departmental Library :- Books & Journals

No. of Books: 9004
No. of Reference Books:706
No. of Thesis/Projects: 60

7 Students Activities and achievements

Sr. No	Name of Student	Event	Position Obtained
1	Jeevanjot kaur	100 meter	3rd
2	Jeevanjot kaur	4*100 meter relay	1st
3	Jeevanjot kaur	Long jump	1st
4	Mandeep kaur	400 meter	1st
5	Mandeep kaur	800 meter	1st
6	Ramandeep kaur	200 meter	3rd
7	Ramandeep kaur	Shot put	3rd
8	Tanu	200 meter	2nd
9	Tanu	4*100 meter relay	1st
10	Tanu	4*400 meter relay	2nd
11	Tanu	Long jump	3rd
12	Tanu	Shot put	2nd
13	Ravneet	4*100 meter relay	1st
14	Ravneet	4*400 meter relay	2nd
15	Ayushi	4*100 meter relay	1st
16	Ayushi	4*400 meter relay	2nd
17	Shilpi	4*400 meter	2nd

(b) Social Curricular/co-curricular Activities:-

Students of ECE department established a NGO named “KALYAN” to help poor children with food and books.

8. Society Activities

Semester	Event	Date	No. of Participants	Winners
July-November 2016	Project Design	7th October 2016	10	1.ArshdeepSingh,Harshandeep Sahil ,Rajat(ECE) 2. Ajaypal Singh(CSE) Deepak Sharma, Nikhil Narain, 3.Ayushi,Shilpi (ECE)
	Creation	5th October 2016	8	1.Kiranjot Kaur (CSE) 2.Komal (CSE)
	ANTAKSHARI	29th September 2016	17	1.Jaideep Kaur (AS) 2.Ruchika(AS) 3.Manisha (CSE)
	ECE cricket League	31st August 2016	3 Teams	ECE 5th Semester
	QUIZ MANIA	24 AUGUST 2016	31	1.SajanArora ,Sahil Sharma Tajinder Singh [ECE] 2. Abhinav , Ashish Kalia , Amanjit [Applied Science]
	ARM WRESTING	18 AUGUST 2016	20	1.Amritpal Singh [ECE] 2.Sukhmanjeet Kaur [ECE]
	EXTEMPORE	17 AUGUST 2016	30	1.Simarpreet Singh [ECE] 2.Sahil Sharma [ECE]
	POSTER MAKING	12 AUGUST 2016	27	1.Ruchika [CSE] 2.Jasleen Kaur [ECE] 3.Navleen [ECE]
	SINGING	10 AUGUST 2016	19	1.Inderjeet Kaur [ECE] 2.Baljeet Singh [CSE] 3.Baljeet Kaur [ECE]
	WHO AM I	5 AUGUST 2016	60	1.Pritindra Sahoo [ECE] 2.Aakanksha [ECE] 3.Harnoor [APPLIED SCIENCE]
	CURRENT AFFAIRS	3 AUGUST 2016	100	1.Sanket Bhandari [CSE] 2.Sachin Sawhney [ECE] 3.Ankit Mahajan [ECE]

Jan –May 2017	Who Am I	8 February 2017	57	1.Rahul Kumar and Sakham Malik (CSE) 2. Harnoor Sharma (App. Sc.)
	Aptitude	9 March 2017	35	1.Rahul Raj(CSE) 2.Anshuman Bhaskar(ECE)
	Mehandi Competition	9 March 2017	2	1.Navleen 2. Nidhika
	Essay Writing	23 March 2017	12	1.Jasleen Kaur (ECE) 2.Shahjad Alam (CE)

Guest Lectures

Network Fundamentals and Troubleshooting	ECE	Seminar	13-09-2016	Students	69	Aspects regarding networking fundamentals
Digital Signal Processing	ECE	Guest Lecture	16-09-2016	Students	92	Basics of digital signal processing
How to prepare for IES and Gate Exam	ECE	Guest Lecture	22-09-2016	Students	35	Knowledge about to preparation of higher study exams and competitive exams
Carrier Options after B.Tech.	ECE	Guest Lecture	26-09-2016	Students	77	Knowledge about to various opportunities after doing the B.Tech. in electronics and communication
4G LTE	ECE	Seminar	04-11-2016	Students	39	Knowledge about latest technologies used as 4th generation LTE

Workshops

- One day workshop on Embedded linux ,Raspberry pi and Arduino
- "Train the Trainer" workshop

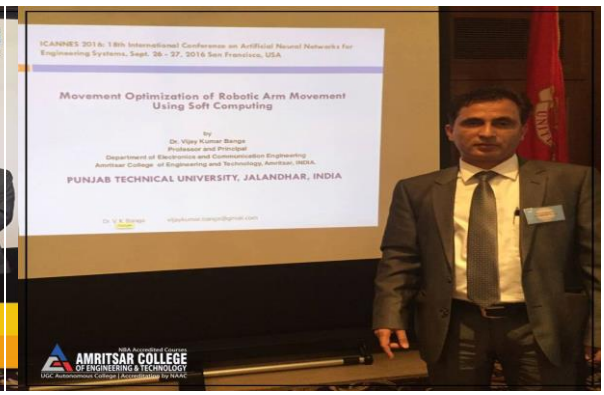
Faculty Publications

Sr.no	Name of the faculty	Designation	No of Publications
1	Dr. V K Banga	Prof & Principal	18
2	Er. Gurjeet Singh	HOD	05
3	Er. Sandeep Kaushal	Assoc. Prof.	06
4	Er. Gaurav soni	Assoc. Prof.	04
5	Er.Atul Mahajan	Assoc. Prof.	08
6	Er. Guneet Kaur	Assis. Prof.	06
7	Er.Jagdeep Singh	Assis. Prof.	02
8	Er.Reetu Pthania	Assis. Prof.	01
9	Er.Madhavi	Assis. Prof.	02
10	Er.Gurpartap Singh	Assis. Prof.	02
11	Er. Chetan Verma	Instructor	02

Book Published : Book Published by Er. Gaurav Soni on Course Wireless Communication Systems on 7 March 2017.

9. Photo Gallery

Dr.V K Banga Delivered Keynote address in San Francisco Conference ,USA



Presented Paper in San Francisco Conference

BOS meeting held on 17th April 2017

Visit of NAAC Team

Mukul kumar of ECE 4th sem is selected on stipend in Medicaid system on 10,000pm

Formal inauguration of course Book on Wireless Communication Systems authored by Er. Gaurav Soni

Project on Home Automation with Android App by Mukul kumar of ECE 4th semester

Prize Distribution by Technotronics club

Project to control home appliances using Bluetooth by Lochan Basyal of 4th Semester

ECE Girls Wins Girls Overall Trophy

Glimpses of Placement Training

Project Evaluation during Workshop

Department of Electrical Engineering

1. **Introduction About Department:**

The department of Electrical Engineering at Amritsar College of Engineering & Technology aspires to create high-end technology practitioners for the knowledge driven world. Since its inception, 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 with experience in Power Systems, Electronics & Computer Applications has been endeavoring to provide training and courses, within and beyond the regular undergraduate curriculum in order to meet real world challenges and advancements in the field. These include but are not limited to avenues such as CAPSA, MATLAB, Problem Solving Techniques and Algorithm development etc.

2. **a) HOD Brief Details**

Name	Mr. Narinder Sharma
Qualification	M. Tech,
Total Experience	18 Years
Area of Specialization	Microwave and Antenna designing

b) Expertise in the Department

Sr. No.	Faculty Name, Designation	Qualification	Experience	Specialization
1.	Er. Bimal Kumar Associate Professor	M. Tech. PTU, Jalandhar	12 years	Networks and Power System Analysis, Control Systems
2.	Er. Namarta Kad Associate Professor	M. Tech. PTU, Jalandhar	11 years	Power Systems and Optimization
3.	Er. Ajaypal Singh	M. Tech. PTU, Jalandhar	6 years	Power Systems

3. **New joining (faculty) in the department :**

Sr. No.	Name of faculty	Qualification	Experience	Date of Joining
1.	Mr. Amrinderpal Singh	M. Tech.	10 Years	27.07.2015

4. Student Strength Year wise with Gender and state Distribution.

Year	Male	Female	From Punjab	From Himachal	From J & K	From other States
1st Year	19	0	8	0	1	10
2nd Year	42	2	36	0	2	6
3rd Year	46	0	38	1	0	7
4th Year	16	1	13	1	2	1

5. Final Examination Result :-

a. Pass %age subject wise-
May- 2016

	Subjects	No. of Students Appeared	Pass %age
Class/Sem. EEE/6th	a. (BTEE-601) Electric power and utilization	17	88.2%
	b. (BTEE-603)Non Linear and Digital control System	17	58.8%
	c. (BTEE-604)Microcontroller & PLC	17	82.3%
	d. (BTEEE-601)Digital Signal Processing	17	82.3%
	e. (BTEEE-OPA)Electrical Machine	17	82.3%
	f. (BTEEE-603-D)Analytical instrumentation	17	76.4%
Class/Sem. EEE/4th	a. (BTEC-404)Digital Electronics	45	82.2%
	b. (BTEE-401)Asynchronous Machine	45	84.4%
	c. (BTEE-402)Linear Control System	45	59.2%
	d. (BTEE-403)Electro Magnetic Fields	45	66.6%
	e. (BTEE-405)Power System -I	45	80%
	f. (BTEE-406)Power Plant Engineering	45	86.6%

Dec. 2016

	Subjects	No. of Students Appeared	Pass %age
Class/Sem. EE/3rd	a. (BTEE-301) Circuit Theory	42	83.3%
	b. (BTEE-302) Transformers and Direct Current machines	42	88.1%
	c. (BTEE-303) Electrical Measurements & instrumentation	42	83.3%
	d. (BTEE-304) Electronic Devices and circuits	42	90.5%
	e. (BTAM-301)Engineering Mathematics III	42	83.3%
Class/ Sem. EE/5th	a. (BTEE-501) Synchronous machine	45	80.0%
	b. (BTEE-503) Electric generation & Economics	45	88.9%
	c. (BTEE-503)Microprocessors	45	62.2%
	d. (BTEE-504)Power Electronics	45	57.8%
	e. (BTEE-505) Numerical & Statistical Method	45	53.3%

Class/Sem. EEE-7th	a. (BTEE-801)Power System Analysis	17	88.8%
	b. (BTEE-802) High Voltage Engineering	17	100%
	c. (BTEEE-805d) Non-conventional Energy Sources	17	100%
	d. (BTEEE-804b) HVDC Transmission	17	100%
	e. (BTEEE-801)Antenna & Wave Propagation	17	88.2%

b. First three Positions with University topper in the final Examinations:-

May, 2016

Class/Sem.	No. of Students having more than 75% marks	No. of Students having more than 80% marks
4th	05	03
6th	00	00

Dec., 2016

Class/Sem.	No. of Students having more than 75% marks	No. of Students having more than 80% marks
3rd	05	02
5th	08	02
7th	03	Nil

6. Placements :-

Batch 2013 - 2017

Sr. No.	Name of Company / Organization	No. of Students Placed	Package offered
1.	Cap Gemini	01	3.2 L/A
2.	Sonalika	01	3.2 L/A

7. Departmental Library :- Books & Journals

No. of Books: 2349
No. of Reference Books: Nil
No. of Thesis/ Projects: 20

8. Students Activities and achievement:-

a. Sports:-

S.No.	Name of Students	Event	Position Obtained
1.	Thinley	100 meter	1st
2.	Namgay Zam	100 meter	2nd
3.	Daljit Singh	Shot put	2nd

b. Educational Tour/Visits by students:-

S.No	Place	Date	No Of Students Visited	No. of Faculty members visited	Class /Sem.
1.	Naina Devi	01/10/2016	42	01	7th Sem
2.	Ropar Thermal Pl	07/04/2017	52	02	4th & 6th Sem

9. Society Activity: -

a. Other activities of the department.

Event	Winners	Date
Electrical based working project using waste material	1st Prince Kumar (1600893) , Yasir Rashid (1600897)(EE 2nd Sumit Sharma(1400583) , Tajinder Singh (1400585) (3rd Akashdeep Singh(1600908), Yubraj Lamichhane (1547100) (ME)	07-04-2017
Aptitude Test	1st Manik (EE, 3rd year) 2nd Gurtaj Singh (EE ,2nd year) 3rd Md. Ali Hasan(EE,4th year)	23-08-2016
Electrical Quiz	1st Satyam Yadav, Munish Kumar(EE,3rd year) 2nd Ajay Arora, Vinayak(EE,4th year) 3rd Gurpartap Singh , Avneet Singh(EE,2nd year)	23-08-2016

b. Guest Lectures.

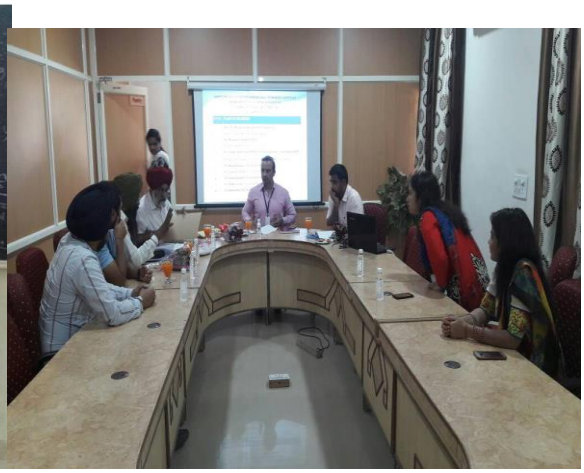
Sr. No.	Title of the Lecture	Name	Date
1.	Power System	Dr. Y.S.Brar, Professor I.K.G PTU Kapurthala	19-08-2016
2.	Electrical Power: Generator and Brain	Mr. Neeraj Sharma, Assoc. Prof, BBSEC, Fathergarh Sahib	23-03-2017

***c.* Workshops**

Sr. No.	Topic of Workshop / Seminar / FDP	Name	Date
1.	One day workshop on "Industrial & Commercial Automation"	Mr. Naveen jha, MD D2 Automation Chandigarh	05-04-2017

9. Photo Gallery

Guest Lecture on "Power System" Dr. Y. S Brar , GNE Jalandhar



B.O.S Meeting on 17.04.17

Workshop on "Industrial & Commercial Automation"

Cricket match (4th /6th Sem.)

Project display on " Automatic Crane"

SPARK society activity on "Electrical based working project using waste materials

Department of Information Technology

1. **Introduction about department:** The Department of IT offers B.Tech. programme in Information Technology. Ever since its inception in 2002, it has attracted a lot of young talent wanting to make their mark in this field. Recent advancements in the field of computers and Information Technology, has made this world a global village, with continuous thrust on avenues such as information super highway software development, problem solving techniques and a host of other technologies. Keeping this thing in mind, Department of IT has designed training and course curriculum which meet these challenges and advancement. Apart from regular curriculum the department also offers international certification courses like JAVA, Oracle and CISCO 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 related to cyber-crime the department boasts of a Centre of Excellence in Cyber Security and Cyber Forensics. Also extreme care has been taken to design the syllabi keeping in mind the latest trends and developments. From time to time, IT experts from industry are also invited to deliver lectures to our students and faculty on new technologies. The students are encouraged and assisted to work on live projects of the industry. The department has an excellent team of highly qualified with matching teaching, research and industry experience in their respective field of specialization. Each faculty member is not only a teacher but also acts as a motivator, mentor and guide to the students towards product.

2. **HOD brief detail.**

Name	Er. Amarpreet Singh
Qualification	M.Tech. Ph.D. (Pursuing)
Total Experience	17
Area of Specialization	Artificial Intelligence, DBMS and Network Security

Expertise in the Department:

S. No.	Faculty Name	Qualification	Experience	Specialization
1.	Er. Tejinder Sharma	M.Tech (Ph.D. Pursuing)	13	Networking and Cloud Computing
2.	Er. Jadgeep Singh	M.Tech. (Ph.D. Pursuing)	14	DBMS and Programming
3.	Er.Neha Chaddha	M.Tech	11	Natural Language Processing and Theory of Computation

3. **Student Strength Year wise with Gender and State Distribution.**

Year	Male	Female	From Punjab	From Himachal	From J& K	From Others States	From Other Country
1st year	18	9	24			03	01
2nd year	24	11	32	1	1	1	--
3rd year	26	17	39	--	1	2	01
4th year	14	23	37	--	--	--	--

4. **Final Examinations Results :-**

a. Pass %age subject-wise (May, 2016, Dec., 2016)

	Subject with code	No of student appeared	Pass Percentage
B.Tech(IT-3rd Sem)	Mathematics - III (BTCS-302)	**34**	**64.7**
	Computer Architecture (BTCS-301)	**34**	**70**
	Digital Circuitsand Logic Design(BTCS - 303)	**34**	**79**
	Data Structures(BTCS- 304)	**34**	**73**
	Object Oriented Programming(BTCS-305)	**34**	**64**
	Data Structures Lab (BTCS- 306)	**34**	**97**
	Institutional Practical Training (BTCS - 307)	**34**	**97**
	Digital Circuitsand Logic Design Lab (BTCS-308)	**34**	**97**
	Object Oriented Programming Lab(BTCS-309)	**34**	**91**
B.Tech(IT-5th Sem)	Computer Network - Ii (BTCS-501)	**45**	**91.1**
	System Analysis And Design (BTIT-501)	**45**	**88.8**
	Programming In Java (BTIT - 502)	**45**	**73.3**
	Data Base Management System (BTIT- 503)	**45**	**88.8**
	Cyber Laws And Intellectual Property Rights (BTIT-504)	**45**	**91.1**
	Data Base Management System Lab (BTIT- 505)	**45**	**97.7**

	Programming In Java Lab (BTIT - 506)	**45**	**97.7**
	Industrial Traning (BTIT-507)	**45**	**97.7**
	Computer Network - Ii Lab(BTCS-507)	**45**	**91.1**
B.Tech(IT-7th Sem)	Building Enterprise Application (BTIT-701)	**37**	**83.7**
	Software Project Management (BTIT-702)	**37**	**81**
	Major Project (Btit - 703)	**37**	**100**
	Building Enterprise Application Lab (Btit- 704)	**37**	**100**
	Theory Of Computation (Btit-904)	**37**	**72.9**
	Modeling & Simulation(Btit-905)	**37**	**83.7**
	General Fitness	**37**	**100**
B.Tech(IT-4th Sem)	Operating System (Btcs-401)	**44**	**86**
	Discrete Structures (Btcs-403)	**44**	**73**
	Computer Networks-I (Btit - 403)	**44**	**84**
	Microprocessor And Assembly Language Programming (Btcs-404)	**44**	**82**
	System Programming (Btcs -405)	**44**	**86**
	Operating System Lab (Btcs-406)	**44**	**98**
	Computer Networks-I Lab (Btcs -407)	**44**	**98**
	Microprocessor And Assembly Language Programming Lab (Btcs-408)	**44**	**98**
	System Programming Lab (Btcs -409)	**44**	**95**
	General Fitness (Gf-400)	**44**	**98**
B.Tech(IT-6th Sem)	Software Engineering (Btcs-603)	**37**	**86**
	Cloud Computing(Btcs-912)	**37**	**81**
	Network Programming(Btit - 601)	**37**	**84**
	Information Security And Risk Management(Btit- 602)	**37**	**92**
	Web Technologies (Btcs -605)	**37**	**86**
	Human Values- 251	**37**	**89**

	Software Engineering Lab (Btcs -606)	**37**	**100**
	Network Programming Lab (Btit-604)	**37**	**89**
	Web Technologies Lab (Btit -605)	**37**	**86**
	General Fitness (Gf-600)	**37**	**100**
B.Tech(IT-8th Sem)	Industrial Training	**78**	**100**

Merit positions/Marks in the final Examinations:-
May 2016

Class/Sem	No. of students having >75% marks	No. of students having >80% marks
B.Tech(IT) 4th Sem	4	-
B.Tech(IT) 6th Sem	4	-
B.Tech(IT) 8th Sem	**37**	**11**

Dec. 2016

Class/Sem	No. of students having more than 75% marks	No. of students having more than 80% marks
B.Tech(IT) 3rd Sem	4	3
B.Tech(IT) 5th Sem	8	2
B.Tech(IT) 7th Sem	2	1

5. **Placements :-**
Batch 2013- 2017

SNo.	Name	Name of Company	Package
1.	Navpreet Singh	Capgemini	3.15 Lacs
2.	Sartaj Singh Hanspal	Capgemini	3.15 Lacs
3.	Prabhjot Kaur	Artech	2.56 Lacs
4.	Bhavleen Kaur	Artech	2.56 Lacs

5.	Ramandeep Singh	Amazon	3.0Lacs
6.	Avneet Kaur	Amazon	3.0Lacs

6. Departmental Library :- Books & Journals

No. of books: 7608
No. of Reference books: 472

7. Students Activities and achievements :-

a) Social Curricular Activities:

Sr.No	Name of Student	Event
1.	Shivam	Prayaas(Organizing Team)
2.	Anchal	Prayaas(Bhangra)
3.	Avneet Kaur	Prayaas(Bhangra)
4.	Karsimran Kaur	NSS(Blood Donation)
	Ajaypal Singh	NSS(Blood Donation)
6.	Rahul Verma	NSS(Blood Donation)
7.	Samriti	NSS(Blood Donation)
8.	Ranbir	NSS(Blood Donation)
9.	Madhvi	NSS(Blood Donation)
10.	Arshdeep Kaur	NSS(Blood Donation)
11.	Avneet Kaur	NSS(Blood Donation)
12.	Nacherdeep Kaur	NSS(Blood Donation)
13.	Neha	NSS(Blood Donation)
14.	Vinay Sharma	NSS(Blood Donation)

b. Educational Tour/Recreational Tour/Visits by Students :-

Class	Date of Tour	Place of Visit
B.Tech (IT) – 6th	25 March,2017	Anandpur Sahib

8. Society Activity

ZAHANAT –12

S. No.	Date of Conduct	Events	No. of Participants	Winner
1.	**Oct 27th 2016**	Aptitude Test	406	1. AnshumanBaskar(1st Sem. 2. Sonu Kumar (CE-2nd Sem.)
		Who am I?		1. Abhay Prabhakar (CE-5th Sem.) 2.Ablilash (CSE 3rd Sem.)

ZAHANAT –13

S. No.	Date of Conduct	Events	No. of Participants	Winner
1.	**March, 28th 2017**	Aptitude	410	1. SanchitSareen(cse-6th) 2. Vishal Sharma(IT-6th)
		Image Puzzle		1. Manish Ranjan(cse-2nd) 2. GaganDhanku(cse-4th)

Other Activities

S. No.	Event Name	Date	No. of Participants
1.	Arm Wrestling Girls	3rd August 2016	**20**
2.	Arm Wrestling Boys	9th August 2016	**24**
3.	Singing	12th August 2016	**15**
4.	Poster Making	19th August 2016	**10**
5.	Solo Dance	26th August 2016	**5**

a. Guest Lecture/Workshop/FDP/Seminar
Guest Lecture

S No.	Topic	Resource Person	Date
1.	MOOCS and Open Source Technologies for policy makers in developing countries	Dr AjayShiv Sharma	13 Sept2016
2.	Computing Environment and its Importance	Dr Sunil K.Singh	4Oct,2016

Seminar

S No.	Topic	Resource Person	Date
3.	Impact of Java in industry	Ms. Anuradha	22 Mar,2017
4.	Training Opportunities in HUAWEI Technologies	Mr.Rohit Dubey	21 Mar,2017
5.	Big Data and Cloud Computing	Mr.Ajay Sharma & Mrs Tejinder Sharma	21 Dec,2016
6.	Latest Trends &Technologies in world of computing	Ms. Anuradha	21 Sept,2016
7.	Network Fundamentals and Troubleshooting	Mr.Anurag Byala	13Sept,2016

Workshop

S No.	Topic	Resource Person	Date
1.	Cyber Security and Ethical Hacking	Mr. Vinod Sharma & Parambir Singh	16 Mar,2017
2.	Internet of Things	Mr.Gurmeet Singh	4 Oct,2016
3.	Android	Mr.Girish Kumar	6-8Oct,2016
4.	Cyber Security and Ethical Hacking	Mr. Vinod Sharma & Parambir Singh	16-18 Sept,2016

10.List of Publications:

SNo.	Title
1	"A Review on Service Broker Algorithm in Cloud Commputing",Tejinder Sharma,Ruhani Jain,International Journal of Computer Application, Vol 159 ,Issue No.3,pp-19-23,Feb 2017
2	" ZIGBEE BASED HOME AUTOMATION SYSTEM", Tejinder Sharma, Sakshi Sehdev and Arushi Verma ,5th International Conference on Advancements in Engineering and Technology (ICAET-2017), pp-270-280 ISBN No. 978-81-924893-2-2,Sangrur, March,2017.
3	"Internet of Things- Core Elements and Useful Applications" ,Ritika Sharma and Tejinder Sharma,5th International Conference on Advancements in Engineering and Technology (ICAET-2017), pp-503-507, ISBN No. 978-81-924893-2-2, Sangrur, March,2017.
4	"Anatomy of a Ransomware Attack CryptoLocker, CryptoWall How to Stay Safe"Ajaypal Singh, Parambir Singh and Rahul Verma, 5th International Conference on Advancements in Engineering and Technology (ICAET-2017) , ISBN No. 978-81-924893-2-2, Sangrur, March,2017.pp740-745
5	"A Review of GPS"Parambir Singh,Rahul Verma and Ajay Randhawa, 5th International Conference on Advancements in Engineering and Technology (ICAET-2017) , pp314-317,ISBN No. 978-81-924893-2-2, Sangrur, March,2017.

10. Photo Gallery

Blood donation camp

Prize Distribution Ceremony: Aptitude Test

Teachers Day Celebrations

Aptitude Test in Progress

Guest Lecture By Dr. S K Singh(CCET, Chd.)

Guest Lecture By Dr. Ajay Shiv Sharma (GNDEC, Ludhiana)

B.Tech 6th Sem pay tribute at Shri Anandpur Sahib

Image Puzzle in Progress

Department of Mechanical Engineering

1. **Introduction about department:** Established in 2002, the mechanical engineering department has been executing its way to innovation proficiently. Judging by the record of accomplishment of the institute's department, the department has been acknowledged as the best mechanical engineering institute of Punjab. The department strives to offer top-notch engineering education and is equipped with the facilities of Heat-engines & strength of materials, refrigeration & air-conditioning, and hydraulics and Theory of Machines laboratories along with a well equipped workshop. The best in class Robotics Lab. inspires students to innovate and the Six Sigma Lab. helps them develop their acumen for understanding and applying high standards of quality in work while imparting the Six Sigma certification to its students.

2. **HOD brief details and 3 expertise in the department**

Name	Dr. Ishwer Singh
Qualification	Ph.D
Total Experience	33 yrs
Area of Specialization	Plastic technology, CAD/CAM & CAE

3 expertise in the department

Sr. No.	Name	Designation	Qualification	Expertise
1	Dr. Gaurav Tejpal	Professor	Ph.D.	Supply Chain Management
2	Mr. PS Pannu	Associate Professor	Ph.D Pursuing	Non Traditional Machining (EDM)
3	Dr. Simranpreet Singh	Associate Professor	Ph.D.	Metallurgy

3. **New joining (faculty) in the department.**

Sr. No.	Name	Joining	Designation
1	Mr. Arnav Mahajan	Feb, 2017	Assistant Professor
2	Mr. Rajiv Soni	Jan, 2017	Assistant Professor
3	Mr. Jobanjit Singh	Jan, 2017	Assistant Professor

4. Student Strength Year wise with Gender and State Distribution.

Year	Male	Female	From Punjab	From Himachal	From J& K	From Others States
1st year	-	-	-	-	-	-
2nd year	120	00	109	03	01	07
3rd Year	171	00	155	03	01	12
4th Year	164	01	155	04	03	02

5. Final Examinations Results :-

a. Pass %age subject-wise (Dec., 2015 , May 2016)

Semester	Subjects	No of Student Appeared	Pass %age
3rd sem	BTME - 301	**118**	74%
	BTME - 302		75%
	BTME - 303		93%
	BTME - 304		97%
	BTME - 305		81%
	BTME - 306		69%
5th sem	BTME - 500	**166**	42%
	BTME – 501		49%
	BTME – 502		83%
	BTME – 503		85%
	BTME – 504		83%
	BTME - 505		84%

7h sem	BTME - 801	**82**	100%
	BTME - 802		78%
	BTME – 803		94%
	DE/ME-3.6		99%
	IT-310		88%

b. First three positions with University toper in the final Examinations:-

Dec 2016

Class/Sem	No. of students having more than 75% marks	No. of students having more than 80% marks
3rd	20	10
5th	18	08
7th	21	13

6. Placements :-

Batch 2012- 2016

Sr. No	Name of Company/ Organization	Number of Students Placed	Package Offered
1.	Amazon	4	2.90
2.	Frontier	2	1.44
3.	Teleperformance	3	2.04
4.	Samundra	1	n/a
5.	Metalman	1	2.04
6.	Ajnala Sugar Mill	1	2.40
7.	Jaeco Rebuild	2	2.04

7. Departmental Library :- Books & Journals

No. of Books : 5959
No. of Reference Books : 185
No. of Journals : 28
No. of Thesis/Projects : 08

8. <u>Students Activities and achievements</u> :-

a. Sports (Format) :-

S.No.	Name of student	Event	Position Obtained
1.	Prince Thakur (Captain)	Intra department cricket tournament	Winner
2.	Rajwinder Singh		Winner
3.	Rajat		Winner
4.	Nitish Thakur		Winner
5.	Lokesh Kalia		Winner
6.	Jaspreet Singh		Winner
7.	Jatinder Singh		Winner
8.	Zahoor Ahmed		Winner
9.	Kartik Banga		Winner
10.	Karan Pathak		Winner
11.	Anil sharma		Winner
1.	Jasmeel Gull		Runner up
2.	Lovepreet Singh		Runner up
3.	Sanjeev Kumar		Runner up
4.	Depak Yadav		Runner up
5.	Abhinay Mahajan		Runner up
6.	Rishab Sharma		Runner up
7.	Sudhair Duggal		Runner up
8.	Umer Rasheed		Runner up
9.	Vibham Singh		Runner up
10.	Jaspreet singh		Runner up
11.	Sannu Mishra		Runner up

b. Social Curricular/co-curricular Activities :-

S.No.	Name of Event	Date of Event	Place of Event	No. of Students Participated
1.	Guest lecture on ***Shri Guru Gobind Singh Ji Di Bharti Sanskriti Nu Den***	9th Feb 2017	DME, acet, Amritsar	10
2.	Motivational Talk on ***Beggar to a King***	16th Feb 2017	DME, acet, Amritsar	10
3.	Blood donation Camp	3rd Aug, 2016	DME, acet, Amritsar	25
4.	Motivational Talk on ***Role of Amritsar in Freedom Struggle***	30th Aug, 2016	DME, acet, Amritsar	20

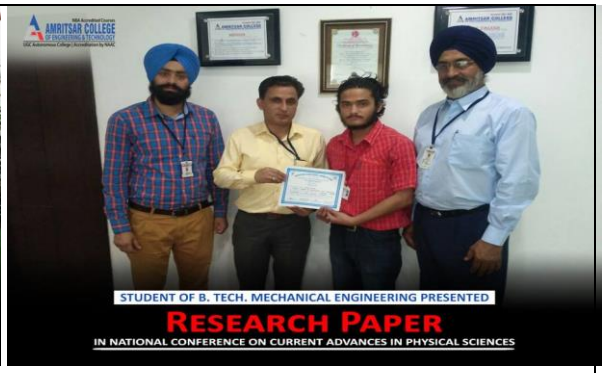
c. Educational Tour/Visits by Students :-

S.No	Educational/Recreational visits	Class	Date of visit
1	GNA, Phagwara	7th Sem (M2)	06/10/2016
2	GNA, Phagwara	7th Sem (M1)	05/10/2016
3	Ranjit Sagar Dam, Shahpurkandi	5th Sem (M3)	24/09/2016
4	WOODMAC Industries, Amritsar	3rd Sem (M3)	21/09/2016
5	WOODMAC Industries, Amritsar	3rd Sem (M1)	20/09/2016

9. Society Activity

S. No.	Date	Event	Organized by	Sponsored by	Participants
1	16th March, 2017	Talent Hunt	MEFF	------	Students

10. Photo Gallery



Department of Management Studies

Introduction about department: Founded in the year 2004, Department of Management Studies has since been a centre of learning and development. It has been constantly metamorphosing itself to be at the forefront of the evolutionary academic entity on one side and a skilled human resource provider to the corporate world on the other. The Department, through its Two-year full time MBA Programme and undergraduate courses BBA and B. Com serves actively to promote the cause of management education.

1. **A. HOD brief details and3 expertise in the deptt.**

Name	Dr. Maninder Singh Gill
Qualification	B.ScEco(Hns.) MBA, Ph.D(GNDU)
Total Experience	9 Years
Area of specialization	Marketing, Finance

3 Expertise in the deptt:

Faculty Name	Qualification	Exp.	Specialization
Ms. ArjinderKaur	MBA, Pursuing Ph. D (PTU)	11 Years	Marketing
Ms. PoojaPuri	M.Com, Pursuing Ph. D (PTU)	12 Years	Finance
Ms. SarabjeetKaur	M.Com, Cerifications in Finacial markets	3 Years	Finance

2. **New joining (faculty) in the department.**

S. No.	Name	Designation	Qualification	Experience	Date of Joining
1.	GurveenKaur	AP	B.Tech (IT), MBA	9.5 Years	11thJul, 2016
2.	RuchikaMahajan	AP	MBA	4 years	18th Aug, 2016
3.	Sushil Kumar	AP	MBA	4.5 Years	11th Jan, 2017
4.	SimranKaur	AP	M.COM	6 Months	10th Jan, 2017

3. Student Strength Year wise with Gender and State Distribution.

Year	Male	Female	From Punjab	From Himachal	From J& K	From Others States/ Country
MBA 1st year	20	28	38	3	1	6
MBA 2nd year	22	32	54	-	-	1
B. Com 1st Year	5	16	20	-	-	1
B. Com 2nd Year	10	11	19	-	-	2
B. Com 3rd Year	7	5	12	-	-	-
BBA 1st Year	30	30	54	-	-	6
BBA 2nd Year	19	6	24	-	-	1

4. Final Examinations Results :-

a. Pass %age subject-wise(May-2016, Dec-2016)

	Subjects	No of Student Appeared	Pass %age
MBA/2nd Sem MAY – 2016	HVPE-101	54	100
	MBA-201	54	100
	MBA-202	54	100
	MBA-203	54	100
	MBA-204	54	100
	MBA- 205	54	100
	MBA-206	54	100

	Subjects	No of Student Appeared	Pass %age
MBA / 4thSem MAY 2016	MBA - 401	56	100
	MBA - 402	56	100
	MBA – 906	56	100
	MBA – 907	56	100
	MBA – 926	56	100
	MBA – 927	56	100
	MBA – 966	56	100
	MBA – 967	56	100
	Subjects	**No of Student Appeared**	**Pass %age**
BBA/ 2nd MAY 2016	BBA – 201	32	97
	BBA – 202	32	90
	BBA - 203	32	63
	BBA – 204	32	88
	BBA – 205	32	94
	BBA – 206	32	84
	BBA – 207	32	100
	Subjects	**No of Student Appeared**	**Pass %age**
B.Com/ 2nd MAY 2016	BCOP – 201	20	100
	BCOP – 202	20	95
	BCOP – 203	20	90
	BCOP – 204	20	86
	BCOP – 205	20	81
	BCOP – 206	20	95

	Subjects	No of Student Appeared	Pass %age
MBA / 1st Sem DEC 2016	MBA – 101	49	100
	MBA – 102	49	100
	MBA – 103	49	95.83
	MBA – 104	49	89.58
	MBA – 105	49	95.83
	MBA – 106	49	100
	MBA – 107	49	97.91
MBA / 3rd Sem DEC 2016	**Subjects**	**No of Student Appeared**	**Pass %age**
	MBA – 301	54	85.18
	MBA – 302	54	96.29
	MBA – 901	39	97.43
	MBA – 902	39	97.43
	MBA – 921	30	100
	MBA – 922	30	100
	MBA – 961	39	97.43
	MBA – 962	39	100
B.Com/ 1st Sem DEC 2016	**Subjects**	**No of Student Appeared**	**Pass %age**
	BCOP – 101	20	65
	BCOP – 102	20	80
	BCOP – 103	20	55
	BCOP – 104	20	60
	BCOP – 105	20	85

	HVPE – 101	20	65
B.Com/ 3rdSem DEC 2016	**Subjects**	**No of Student Appeared**	**Pass %age**
	BCOP – 301	21	85.71
	BCOP – 302	21	85.71
	BCOP – 303	21	85.71
	BCOP – 304	21	76.19
	BCOP – 305	21	95.23
	BCOP – 306	21	95.23
BBA/ 1stSem DEC 2016	**Subjects**	**No of Student Appeared**	**Pass %age**
	BBA-101	56	89.28
	BBA-102	56	83.92
	BBA-103	56	83.92
	BBA-104	56	87.5
	BBA-105	56	89.28
	HVPE-101	56	85.71
BBA/ 3rdSem DEC 2016	**Subjects**	**No of Student Appeared**	**Pass %age**
	BBA-301	28	89.28
	BBA-302	28	71.42
	BBA-303	28	71.42
	BBA-304	28	78.57
	BBA-305	28	85.71
	BBA-306	28	89.28

May 2016

Class/Sem	No. of students having more than 7.5 SGPA	No. of students having more than 8 SGPA
BBA/2nd	-	4
B.Com/ 2nd	-	5
MBA/ 2nd	2	6
MBA/ 4th	15	11

Dec 2016

Class/Sem	No. of students having more than 7.5 SGPA	No. of students having more than 8 SGPA
MBA/3rd	3	7
MBA/1st	4	3
BBA/ 1st	4	4
BBA/3rd	3	3
B.com/3rd	1	5
B.Com/ 1st	2	2

5. <u>Placements :-</u>

Batch 2015- 2017

Sr. No	Name of Company/ Organization	Number of Students Placed	Package Offered
1.	Just Dial	21	3 Lac
2.	Touchstone Educationals	5	2.04 Lac
3.	Tata AIG	2	1.8 Lac
4.	IndiaMart	1	2.25 Lac
5.	Sonalika Tractors	1	2.4 Lac
6.	India Bulls	1	2.4 Lac

6. Departmental Library :- Books & Journals

No. of Books: 3830
No. of Reference Books: 1610
No. of Journals: 20
No. of Thesis/Projects: 140

7. Students Activities and achievements :-

a. Social Curricular/co-curricular Activities :-

S. No.	Activity	Name of Student	Class/Sem	Position
1	Management Game	Neha	MBA -2nd SEM	1st
2	Business Quiz	AashimaTejpal Manjinder Singh	MBA – 2nd SEM MBA – 4th SEM	1st 1st
3	Jingle Making	JaskaranKaur Rupika	MBA – 2nd SEM MBA – 4th SEM	1st 1st

b. Educational Tour/Visits by Students :-

S. No.	Class/Sem	No. of Students	Place	Date
1	MBA – 2nd SEM	35	RalsonTyres, Ludhiana	9th April, 2017
2	MBA - 4th SEM	32	Ananadpur Sahib	17th March, 2017
3	BBA – 4th SEM B.COM – 4th SEM	45	Coca Cola, Amritsar	8th Feb, 2017

8. Society Activity

a. Other Activities of the Deptt.

1. TRAITS-ESCALATION: An inter-departmental Competition (held on 2.11.16)

S. No.	Activity	Name of Student	Class/ Sem	Position
1.	Tic-Tac-Toe	Sandeep Singh	B.sc (HMCT)/ 3rd	1st
2.	Brand Logo Rangoli	LovepreetKaur and Sonali	B.Tech (CSE)/5th	1st
3.	Instant Marketing	Sukhwinder Singh	B.Tech (ECE)/7th	1st
4.	Caption Contest	Raghav Joshi	MBA/3rd	1st
5.	Extempore	Snehil	B.Tech (ECE)/7th	1st

6.	Mehandi	NavleenKaur	B.Tech (ECE)/5th	1st
7.	Collage Making	Neha	B.Tech (CSE)/5th	1st
8.	Poster Making	VarshaRana	BSc (Agri.)/	1st
9.	Nail Art	RabiaMahajan	B.Tech (ECE)/2nd	1st

2. TRAITS-ESCALATION: An inter-departmental Competition (held on 15.3.17)

S. No.	Activity	Name of Student	Class/ Sem	Position
1.	Tic-Tac-Toe	Sandeep Singh	B.sc (HMCT)/ 4th	1st
2.	Brand Logo Rangoli	Ramneet and Pushpinder	MBA/2nd	1st
3.	Instant Marketing	JasleenKaur	B.Tech (ECE)/2nd	1st
4.	Caption Contest	JasbirKaur	B.Tech (CSE)/6th	1st
5.	Extempore	BawneetKaur	B.Tech (CSE)/6th	1st
6.	Mehandi	JagroopKaur	B.Tech (CSE)/6th	1st
7.	Collage Making	SukhdeepKaur Pinky	BBA/ 2nd	1st
8.	Poster Making	NavreetKaur	B.Tec h (IT)/ 6th	1st
9.	Nail Art	Ayushi	B.Tech (ECE)/6th	1st

3. Mental – Mettle: An inter college Quiz Competition (held on 5. 4. 2017)

b. Guest Lecture/Workshop/FDP

S. No.	Name	Designation	Date of Visit	Purpose
1	AmitPardhan	Regional Director, SEBI	2nd Sept, 2016	Guest Lecture on Topic" Financial Literacy
2	Mr. Rishi Kochhar	Founder, Amritsar Policy Group. Former Project Specialist: UNDP and UNICEF.	14th Sept, 2016	Guest Lecture on Topic" Think Big and Plan well – strategy for 2 years
3	Dr. Harjit Singh Sidhu	Former MD, Ludhiana Stock Exchange and Delhi Stock Exchange (SEBI)	30th March, 2017	Guest Lecture on Topic" Financial Planning".

9. Photo Gallery

Students participating in extempore during traits escalation held on 2.11.16

Students of BBA, B.Com and MBA attending guest Lecture .

Students of MBA -4thSem visitedAnandpur Sahib and Naina Devi.

Winners of farewell titles with faculty memebers of department of management studies

Department of Computer Applications

1. **Introduction about department:** The Department of Computer Applications in Amritsar College of Engineering & Technology was established in the year 2003 with the start of MCA programme. Currently, we are offering full-time 3 years MCA as well as 2 years MCA (LEET) programme. BCA Course was started in the year 2015 and offering full time 3year BCA and two years BCA LEET. The Objective of the department is to produce world class computer professional in this fast and emerging and changing field of Computer Applications. The department houses state of the art academic infrastructure and is continuously striving to attain excellence in computer skills and inculcating human and social values in the minds of young generations with a view to make them true and responsible professionals ready to face the global challenges.

2. **HOD brief Details**

Name	Ms. Dipti Malhotra
Qualification	MCA , Pursing Ph.D
Total Experience	14 yrs.
Area of Specialization	Software Engineering

Three expertises in department

S. No.	Faculty Name	Qualification	Experience	Specialization
1	Mr. Simran Thapar	MCA	13 yrs	Software Engineering
2	Mr.Sachin Khurana	MCA, M.Tech	14 yrs	Computer networks
3	Mr. Kawaljeet Singh Walia	MCA	11 yrs	Software Engineering

3. **New joining (faculty) in the deptt**

Sr. No	Name	Designation	Department
1	Varun Mehra	Instructor	DCA

4. Student Strength Year wise with Gender and State Distribution.

Year	Male	Female	From Punjab	From Himachal	From J& K	From Others States
MCA-1	3	30	32	1	---	----
MCA-3	14	38	51	---	1	---
MCA-5	23	45	68	---	---	---
BCA-1	24	19				
BCA-2	38	17	39			01 (Chhattisgarh)

5. Final Examinations Results :-

MCA-4	Subjects	No of Student Appeared	Pass %age
	MCA-401 Data Warehousing & Mining	68	100
	MCA-402 E- Commerce	68	100
	MCA-403 Interactive Computer Graphics	68	94
	MCA-404 Advanced Operating Systems	68	100
	MCA-405 Software Lab-VIII (E- Commerce & Web Application Development)	68	100
	MCA-406 Software Lab- IX (Interactive Computer Graphics)	68	100
	MCA-407 Software Lab X (AOS)	68	100

MCA-2	Subjects	No of Student Appeared	Pass %age
	MCA-201 Mathematical Foundations of Computer Science	52	94
	MCA-202 RDBMS	52	100
	MCA-203 Data Structures	52	100
	MCA-204 DCN	52	100
	MCA-205 LOS	52	100
	MCA-206 Software Lab-III (RDBMS)	52	100
	MCA-207 Software Lab-IV (Data Structures)	52	100
	MCA-208 Software Lab-V (Based on LOS)	52	100
BCA-2	**BSBC-201 Communication - II**	57	95%
	BSBC-202 Maths – II	57	82%
	BSBC-203 OOPS Using C ++	57	74%
	BSBC-204 Comp. Sys. Architecture	57	65%
	BSBC-205 Workshop on web development	57	100%
	BSBC-206 Software Lab –	57	100%

	III (C++)		
	EVSC-101 Environmental Science	57	80%

May 2016

Class/Sem	**No. of students having more than 75% marks**	**No. of students having more than 80% marks**
MCA-2	**9**	**1**
MCA-4	**8**	**3**

Dec 2016

Class/Sem	**No. of students having more than 75% marks**	**No. of students having more than 80% marks**
MCA-1	**3**	**2**
MCA-3	**7**	**4**
MCA-5	**16**	**10**

6. <u>Placements :-</u>

Batch 2013- 2017

Sr. No	**Name of Company/ Organization**	**Number of Students Placed**	**Package Offered**
7.	Kochar Tech	02	6000(Stipend)

8.	IAIR INFOCOMM PVT.LTD,Amritsar	02	6000(Stipend)
9.	Art IT world,Amritsar	01	7000(Stipend)
10.	OXO Solutions,Amritsar	05	Free training
11.	Contentrix, Chandigarh	02	80000(Stipend)

7. Departmental Library :- Books & Journals

No. of Books: 3400
No. of Reference Books: 78
No. of Thesis/Projects: 318

8. Students Activities and achievements :-

a. Social Curricular/co-curricular Activities :-

i. Ms. Kirandeep Kaur presenting her research paper on "Cyber Terrorism-A Threat to Global Security" in 7th international conference on recent innovations in science, engineering and management held on 16th September 2016 at New Delhi.
ii. Asst Prof Suket Arora of MCA department Presented research paper entitled Big Data with Hadoop in UGC Sponsored National Seminar on "Computing Paradigms: Current Practices and Research Directions" at Guru Nanak Dev University on 7-8, March 2017
iii. Er. Mohit sood and Mr. Suket arora published books on operating system and software engineering.

b. **Educational Tour/Visits by Students :-** An educational tours were conducted and BCA students were visited at WoodMac industry, Amritsar on 27 January 2017. Er. Mr. Pratap Singh Bhullar conducted interactive session with ACET students. on December 2016 ACET students visited COCA COLA industry, Amritsar to learn the practical environment of the industry and polish themselves for the future hurdles.

9. Society Activity

a. Other Activities of the Deptt.

Sr.No	Event Name	Date
1	Poster making	24/2/2017
2	Who m i	3/3/2017
3	Placement oriented technical test	7/3/2017
4	Junkyard	24/03/2017
5	Nail Art	23/03/2017
6	Chess	07/02/2017
7	Group Discussion	12/08/2016
8	Rangoli	08/08/2016
9	Arm Wrestling	23/08/2016
10	Poster Making	22/08/2016
11	Mehandi	2/09/2016
12	Singing	5/8/2016
13	Rangoli	8/8/2016
14	Group Discussion	12/8/2016
15	Dumb charades	22/8/2016
16	Poster Making	22/8/2016

b. Guest Lecture/Workshop/FDP

Sr.No	Guest Lecture/Workshop/FDP	Expert	Date
1	One day workshop on "IOT"	Dr. Prateek Bhatia	06/02/2017
2	Android	Jatinder Kapila	11/8/2016
3	Cyber security and ethical hacking	Dr. Anoop Girdhar	10/10/2016
4	One day workshop on "IOT"	EESPL, Mohali	4/10/2016

c. Any other

BOS Meeting conducted by DCA deptt. on October 10th, 2016. The agenda of the meeting is to revision of syllabi and introduce 6 months industrial training in MCA course.BOS Members (Dr. Rajesh Kumar (Professor, Thapar University), Dr. Prateek Bhatia (Professor,Thapar University), Dr. Anup Girdhar (CEO, Sedulity Solutions), Prof. Anil Kumar (GNDU, Amritsar), Mr. Varun Mehra (Alumni)

10. Photo Gallery

Prize distibution cricket match

Prize distibution co-curicullar activites

Techno Utsav 2017

Mehndi Activity

BOS meeting

Cyber Security workshop by Dr. Anup Girdhar

Junk Yard activity

MCA farewell

Department of Hotel Management and Agriculture

1. **Introduction about department:**

ACET successfully started B.Sc. Hotel management & Catering Technology and Agriculture Hons. in the year 2013 and 2014 respectively. The degree was started with the intake of 60 seats in HMCT and 120 seats in Agriculture. The mission of bachelor in Agriculture and HMCT degree program is to provide opportunities to disseminate knowledge through participation in and/ or development of extension programs/ media. The degree program is primarily designed to support the educational advancement of students and overall goal is to prepare graduates for professional, practitioner and educator opportunities, so that they may provide leadership and disseminate knowledge to an increasingly complex society. The last but not the least the ACET is focused to capture/acquire industry related skills along with their degree and also provide support for placement.

2. **HOD brief Details**

Name	Dr. Harinder Singh Gill
Qualification	Ph.D
Total Experience	18 yrs.
Area of Specialization	Economics

3. **New joining (faculty) in the deptt**

Sr. No	Name
1	Dr. Sandeep Kaur Brar
2	Dr. Gurpreet Kaur
3	Dr. Mandeep Singh
4	Mr. Amanjot Singh Malhi
5	Mr. Gurpreet Singh Uppal
6	Miss. Naveet Kaur Aulakh
7	Mr. Fateh Singh Mann
8	Mr. Jitendra Kumar

4. **Student Strength Year wise with Gender and State Distribution.**

AGRICULTURE

Year	Male	Female	From Punjab	From Himachal	From J& K	From Others States
1st year	36	25	46	0	01	14
2nd year	59	24	56	01	0	26

HOTEL MANAGEMENT

Year	Male	Female	From Punjab	From Himachal	From J& K	From Others States
1st year	61	11	56	0	0	6
2nd year	61	6	66	1	0	0

5. Final Examinations Results :-

Agriculture

a. Pass %age subject-wise (May-2016, Dec-2016)

	Subjects	No of Student Appeared	Pass %age
1st Sem	BSAG 101	23	100
	BSAG 102	23	100
	BSAG 103	23	100
	BSAG 104	23	100
	BSAG 105	23	100
	BSAG 106a	23	100
	BSAG 106b	23	100
	BSAG 107	23	100
	BSAG 108	23	100
	BSAG 109	23	100
	BSAG 110	23	100
	BSAG 111	23	100
	BSAG 112	23	100
	Subjects	**No of Student Appeared**	**Pass %age**
2nd Sem	BSAG 201	63	80
	BSAG 202	63	95
	BSAG 203	63	95
	BSAG 204	63	100
	BSAG 205a	63	95
	BSAG 205b	63	95
	BSAG 206	63	100
	BSAG 207a	63	100
	BSAG 208	63	100
	BSAG 209	63	100
	BSAG 210	63	100
	BSAG 211	63	100
	BSAG 212	63	100

	Subjects	No of Student Appeared	Pass %age
1st Sem	BSAG 101	67	85
	BSAG 102	67	80
	BSAG 103	67	85
	BSAG 104	67	70

	BSAG 105	67	70
	BSAG 106a	67	75
	BSAG 106b	67	75
	BSAG 107	67	95
	BSAG 108	67	90
	BSAG 109	67	100
	BSAG 110	67	100
	BSAG 111	67	100
	BSAG 112	67	100
2nd Sem	**Subjects**	**No of Student Appeared**	**Pass %age**
	BSAG 201	23	95
	BSAG 202	23	95
	BSAG 203	23	100
	BSAG 204	23	100
	BSAG 205a	23	95
	BSAG 205b	23	100
	BSAG 206	23	100
	BSAG 207a	23	60
	BSAG 207b	23	100
	BSAG 208	23	100
	BSAG 209	23	100
	BSAG 210	23	100
	BSAG 211	23	100
	BSAG 212	23	100
3rd Sem	**Subjects**	**No of Student Appeared**	**Pass %age**
	BSAG 301	63	95
	BSAG 302	63	90
	BSAG 303	63	85
	BSAG 304	63	70
	BSAG 305	63	70
	BSAG 306	63	95
	BSAG 307	63	70
	BSAG 308	63	98
	BSAG 309	63	100
	BSAG 310	63	100
	BSAG 311	63	100
	BSAG 312	63	95
	BSAG 313	63	95

Hotel Management

May 2016

2nd Sem	**Subjects**	**No of Student Appeared**	**Pass %age**
	BSHM 201	64	70
	BSHM 202	64	77
	BSHM 203	64	80
	BSHM 204	64	80
	BSHM 205	64	77

	BSHM 206	64	89
	HVPE 101	64	89
	BSHM 207	64	94
	BSHM 208	64	95
	BSHM 209	64	94
	BSHM 210	64	94
	BSHM 211	64	94
	BSHM 212	64	94

December 2016

	Subjects	**No of Student Appeared**	**Pass %age**
1st Sem	BSHM 101	64	90
	BSHM 102	64	92
	BSHM 103	64	78
	BSHM 104	64	84
	BSHM 105	64	72
	BSHM 106	64	88
	BSHM 107	64	77
	BSHM 108	64	86
	BSHM 109	64	78
	BSHM 110	64	72
	BSHM 111	64	81
	BSHM 112	64	78
3rd Sem	**Subjects**	**No of Student Appeared**	**Pass %age**
	BSAG 301	63	82
	BSAG 302	63	68
	BSAG 303	63	76
	BSAG 304	63	71
	BSAG 305	63	67
	BSAG 306	63	73
	BSAG 307	63	62
	BSAG 308	63	73
	BSAG 309	63	80
	BSAG 310	63	70
	BSAG 311	63	84
	BSAG 312	63	79

b. First three positions with University toper in the final Examinations:-

AGRICULTURE

May 2016

Class/Sem	**No. of students having more than 75% marks**	**No. of students having more than 80% marks**
1st	**10**	**11**

Dec 2016

Class/Sem	No. of students having more than 75% marks	No. of students having more than 80% marks
1st	08	05
2nd	09	03
3rd	10	06

HOTEL MANAGEMENT

May 2016

Class/Sem	No. of students having more than 75% marks	No. of students having more than 80% marks
2nd	02	07

Dec 2016

Class/Sem	No. of students having more than 75% marks	No. of students having more than 80% marks
1st	07	02
3rd	03	04

6. Placements :-

Sr. No	Name of Company/ Organization	Number of Students Placed	Package Offered
1.	QATAR AIRWAYS	1	7.5 Lakh
2.	THE LEELA PALACE	2	1.8 Lakh
3.	HILTON SHILLIM, PUNE	1	1.5 Lakh
4.	TAJ PALACE, NEW DELHI	1	2.8 Lakh
5.	RADISSON BLUE	2	2.5 Lakh
6.	THE CLUB MUMBAI	5	2.8 Lakh
7.	Keys hotel	7	2.8 Lakh

7. Students Activities and achievements :-

a. Sports :-
b. Social Curricular/co-curricular Activities :-
c. Educational Tour/Visits by Students :-
   1. Students of Second Semester visited Pingalwara organic farm on 18-14-2017
   2. Students of Second and Third Semester visited Kisan Mela at PAU, Ludhiana on 24-03-2017
   3. Students of First and second Semester visited Kisan Mela at PAU, Ludhiana on 23-09-2016

8. Society Activity

Other Activities of the Deptt.
Folk Song, Debate, Dancing, Group Discussion, Group Song, Extempore, Singing Competition, Quiz Competition, Dramatics, Caption Contest.

9. Photo Gallery

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<tr>
<td>Students of First and second Semester visited Kisan Mela at PAU, Ludhiana on 23-09-2016</td>
<td>Department of Agriculture organized debate on Traditional v/s Modern Culture</td>
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<tr>
<td>Students of Second and Third Semester visited Kisan Mela at PAU, Ludhiana on 24-03-2017</td>
<td>Students of hotel management visited Shri Anandpur Sahib</td>
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<tr>
<td>Department of Hotel Management conducted a seminar on Paid Internship in China</td>
<td>Students of Second and Third Semester visited Kisan Mela at PAU, Ludhiana on 24-03-2017</td>
</tr>
</table>

Department of Agriculture Seminar on organic farming

Teacher's Day celebration in Department of Agriculture.

Students of Bsc.Scgriculture 2nd sem are working in their respective fields.

Students of Agriculture Department visited Pingalwara organic farm

Students of Agriculture working in laboratory

Students of Agriculture Department visited Pingalwara organic farm

Students of Agriculture Department Participated in Science Fair organized by the College

Students of Agriculture Department Participated in Science Fair organized by the College

Training & Placement Cell

1**. About the department** : ACET Established Training & Placement Department in July 2004 to assist students to get job through campus recruitment. Placement Cell has large working area with 10 Computers and Wi-Fi faculty. Experienced team of 6 members supported by all the Department coordinators. Excellent results are achieved by the Placement Cell. Placement cell performs the following duties apart from Campus Recruitment:

- Grooming students by organizing Group discussions.
- HR interviews Sessions, Communication Skills program, mocking interviews etc. Within the campus.
- Supports students in arranging their 6-8 weeks Industrial Training at the end of 4^{th} semester in reputed organizations throughout the country.
- Supports students arranging their 6 months Industrial Training at the end of $6^{th}/7^{th}$ semester in reputed organizations throughout the country.
- Regular updates about applying and joining Master Programs, for students, both within and outside the country.
- Organizing seminars for guidance on Competitive Exams like GRE, CAT, GATE etc.
- Organizing seminars for guidance on UPSC Examinations.

2. HOD Breif Details

Name	**Er. Rakesh Jaitly**
Qualification	M.Tech, MCA
Total Experience	17 Yrs
Area Of Specialization	Database

3. Placement Profile- Batch 2016 (till now)

S. No	**Company Name**	**Branch**	**No. Of Students**	**Annual Pay Package**
1	Globiznet Shopping Pvt Ltd	CSE	1	Rs. 3,09 Lakhs
2	Capgemini	CSE	14	Rs. 3,15 Lakhs
		IT	2	Rs. 3,15 Lakhs
		ECE	5	Rs. 3,15 Lakhs
		EE	1	Rs. 3,15 Lakhs
3	Capital Via	MBA	6	Rs. 4,02 Lakhs

4	Hp	CSE	2	Rs. 5.00 Lakhs
5	Group 10	CSE	2	Rs. 3.60 Lakhs
6	Amazon	CSE	1	Rs. 15.5 Lakhs
7	Intel	CSE	2	Rs. 7.00 Lakhs
8	Artech Infosystems	CSE	2	Rs. 2.16 Lakhs
		IT	2	Rs. 2.16 Lakhs
		ECE	2	Rs. 2.16 Lakhs
9	Oxo Solutions	MCA	5	Rs. 1.80 Lakhs
10	Tcs (Code Vita)	CSE	1	Rs. 3.20 Lakhs
11	JK Technosoft	CSE	3	Rs. 3.00 Lakhs
12	R-Systems	CSE	1	Rs. 2.64 Lakhs
13	Cebs Worldwide	CSE	1	Rs. 3.30 Lakhs
14	Just Dial	MBA	20	Rs. 2.64 Lakhs
		B.Com	2	Rs. 2.64 Lakhs
15	Policy Bazaar	MBA	9	Rs. 2.16 Lakhs
16	Chimes	CSE	4	Rs. 4.26 Lakhs
17	Competent Synergies Pvt. Ltd	CSE	1	Rs. 84000 PA
18	Sopra Steria	CSE	2	Rs. 3.50 Lakhs
19	Aon	Graduates	0	Rs. 2.59 Lakhs
20	Amazon	CSE	4	Rs. 2,90 Lakhs
		IT	2	Rs. 2,90 Lakhs
		ECE	2	Rs. 2,90 Lakhs
		ME	4	Rs. 2,90 Lakhs
21	Collabera	ECE	2	Rs. 2.28 Lakhs
		Civil	1	Rs. 2.28 Lakhs
		CSE	1	Rs. 2.28 Lakhs
22	Mind Infotech	CSE	1	Rs. 3.00 Lakhs
23	Art It World	CSE	1	Rs. 2.25 Lakhs
24	Nest Software Pvt. Ltd	CSE	1	Rs. 1.80 Lakhs
25	Surya Consultants	CSE	1	Rs. 2.00 Lakhs
26	Affinis Technosoft	CSE	1	Rs. 2.10 Lakhs
27	Thinkflow	CSE	1	Rs. 3.80 Lakhs
28	Nits	CSE	4	Rs. 2.50 Lakhs
29	India Mart	MBA	2	Rs. 2.25 Lakhs
30	Ariel	CSE	1	Rs. 1.20 Lakhs
31	Cognizant	CSE	1	Rs. 2.94 Lakhs

32	Ingenuity Gaming	CSE	1	Rs. 1.20 Lakhs
33	Statusbrew	CSE	1	Rs. 1.80 Lakhs
34	Iair Infocomm Pvt. Ltd, Amritsar	MCA	2	Rs. 1.50 Lakhs
35	Art IT World	MCA	1	Rs. 1.44 Lakhs
36	Contentrix, Chandigarh	MCA	1	Rs. 1.80 Lakhs
37	Kochar Infotech Amritsar	MCA	2	Rs. 1.44 Lakhs
38	Touchstone Educations	MBA	5	Rs. 1.80 Lakhs
39	Pyramid IT Consulting	CSE	2	
40	Msd Telematics Pvt. Ltd	ECE	1	Rs. 1.80 Lakhs

3. Workshop / Seminar/ FDP

SEMINAR BY	BRANCH	DATE OF SEMINAR	PURPOSE
AIESEC Seminar	B.Tech (5th Semester)	26 October 2016,	Internship Opportunities in Foreign country
TCS	B.TECH CSE,IT,ECE & MCA	23 July, 2016	TCS Code Vita
Videocon-Connect Pvt. Ltd	B.Tech (ECE) Pre Final Year	9th February, 2017	Under Campus Connect Programme
Higher Education Opportunities Seminar	B.Tech (All Branches), BCA & BBA (Final Year)	3rd October 2016,	Parvinder Burn

4. Photo Gallery

Glimpses of various placements activities of T & P cell

CENTRAL LIBRARY

1. About the Library: A Library is a collection of documents, in print or non print form, which are made accessible to a defined community for reference or borrowing. A library's collection may include books, periodicals, newspapers, manuscripts, films, maps, documents, CDs, DVDs, cassettes, videotapes, e-book, e-periodicals, etc. Our Central Library is well organized & well equipped with 20 systems to provide physical and digital access of the available reading material, timely and accurately.

2.**Brief detail of the Head**

Name	Mr. Harinder Singh Sarkaria
Designation	Librarian & Head
Experience	16 years
Qualification	M.Com., M.Lib. & Inf. Sci. , PGDCA, NVQ(UK)
Area of Specialization	Application of ICT in libraries

3.Collection Development: It is a process of developing & maintaining of the entire library collection. Every year we keep verifying reading material physically, and weed out the same which has become obsolete. The Library Committee has fixed 12 years for the shelf life of a book. Last year, we disposed off such 152 books in the Central Library. The Central Library is pretty rich in the collection of various forms of reading material for its users. We have a huge collection of documents in various forms which is detailed below;

Items	In 2016-17
Books	69561
Journals	46
Magazines	36
Newspapers	17
No. of Thesis/ Projects	92/336
E-Resources (CDs, DVDs)	510
E- Books	162
E- Journals	200

Our Visitors: We have started "Reader of the Month" service for our visitors. We offer "Spend Minimum 50 minutes in the Central Library and get a chance to be the Lucky Reader of the Month". The following are the Lucky Readers of the Month in the year 2016-2017;

Month	Name of the Student	Deptt.	Name of the Faculty/Staff	Deptt.
June	Karanbir Singh	ME	Ms.Namarta Kad	EE
July	Rubina Makkar	CSE	Ms. Aarti	CSE
Aug	Manjinder Singh	ME	Dr. Shruti Khanna	AS
Sept	Rubina Makkar	CSE	Dr. Shruti Khanna	AS
Oct	Jeevanjot Kaur	ECE	Dr. Amit Sarin	AS
Nov	Naina Singh	CSE (M.Tech.)	Mr. Tanveer Singh	ME

Dec	Amritpal Kaur	Agri.	Mr. Gurpreet Singh	ME
Jan	Gaurav Singh	ME	Ms. Naveet Kaur Aulakh	Agri.
Feb	Rohit Kumar	ME	Ms. Binod Kaur	AS
Mar	Shivam Sharma	ME	Mr. Rajbir Singh	ME
Apr	Manpreet Singh	ME	Mr. Manoj Agnihotri	CSE
May	Dhanishor Sharma	EE	Mr. Kuldip Singh	ME

Visitors Statistics

Area	In 2016-17 (No. of Visitors)
Main Entrance	79692
Periodical Section	10643
Digital Library	4552

New Record: 740 ACETians visited the Central Library (from 8:30a.m. to 12:00midnight) on 09-08-16 and created a new milestone by breaking its 3 years old record of 702 visitors on (02-09-13).

Acquisition Section: As we know library is a growing organism. So the collection in the Central Library is increasing day by day. Acquisition Section is playing an important role for building up a good collection in the Central Library. Last year this section has crossed **69561 books** in the library. All the steps of accessioning of books are followed by this section.

Technical Section: All the books are classified & catalogued in this section. The Technical Section processes all the documents to transform into the serviceable units.

Periodical Section: In this section we procure, maintain and arrange the periodicals. This section is very useful for the visitors who wish to keep themselves abreast with current literature of their interest. We have subscribed over 46 print journals, 36 magazines and 17 newspapers in this section.

Circulation Section: The zeal & enthusism of the visitors in the Central Library keep moving the circulation momentum of the documents in this Section. We keep this section open without any break from 09:45a.m. to 4:00p.m. The report of circulation of documents for last year is given below;

Books	In 2016-17
Issued	18498
Returned	18290

Digital Library: We have set up a Digital Library with 20 well equipped systems in the Central Library. Last year the following services were provided in the Digital Library;

Following services have been provided by the Digital Library during 2016-2017.

1. **DELNET:** The Digital Library has the membership of DELNET. The visitors may access the bibliographical information of the various documents of the member libraries of DELNET. This way we can access over 1 crore books through "Inter Library Loan" service.

2. **Self Learning Websites:** We have a database of over 93 "Self Learning Websites". These websites are highly helpful for the students who want to appear in the various competitive exams like GATE, GRE, IAS etc. These all websites can be accessed in the Digital Library.

3. **E-Books:** The visitors can access 160 E-books in the Digital Library. These books are related to various subjects of Engineering and Management etc.

4. **E-Journals:** We have the subscription of IEEE E-Journals. The visitors can access over 200 International E-Journals in the Digital Library.

Mock Campus Placement (MCP): The "Students Library Committee" conducted Mock Campus Placement (MCP) from 20th to 23rd March 2017. We registered 200 candidates from various departments. 84 candidates qualified for Group Discussion. 36 candidates further qualified for Interviews (Technical & HR). Finally, we selected top three students from each year. It was a wonderful experience for the students. Principal Dr. VK Banga, Vice-Principal Col.(Retd.) Gurmukh Singh, Dean Placements Mr. Rakesh Jaitly and HODs distributed the prizes to the winners. The List of winners is given below;

List of Winners

S. No.	Year	Position	Name	Course/Branch
1		**First**	Prince Pal Singh	**B.Tech./CSE**

2	**FIRST**	**Second**	Neha Areya	**B.Tech./CSE**
3		**Third**	Subir Magotra	**B.Tech./CE**
4	**SECOND**	**First**	Panav Beri	**B.Tech./CSE**
5		**Second**	Abhay Sondhi	**B.Tech./ME**
6		**Third**	Dhananjay Pratap	**B.Tech./ME**
7	**THIRD/ FOURTH**	**First**	Karanpratap Singh	**B.Tech./CSE**
8		**Second**	Navneet Singh Hans	**B.Tech./ME**
9		**Third**	Ankit Sharma	**B.Tech./CE**
CONSOLATION PRIZES given to Kirandeep Singh from CSE/6th Sem. and Anisha Chopra from CSE/6th Sem.				

ACET Book Club: The Book Club is playing a crucial role for enhancing the reading habits among the staff & students. The presence of Director Finance, Madam Ragini Sharma, Managing Director, Dr. Rajneesh Arora, Principal, Dr. V.K.Banga and Vice-Principal, Col. (Retd.) Gurmukh Singh motivated in various meetings motivate for more participation & more reading. The detail of these meetings is given below;

Meeting	Book/Author	Held on	Grade
9th	See you at the Top/Zig Ziglar	24-8-16	3 Star
10th	Don't lose your mind, lose your weight/Rujuta Diwekar	15-2-17	4 Star

Reading Quiz: We conducted "Reading Quiz" under the banner of "Question Hour" in the Central Library on 19-08-2016. The students were provided with the Current newspapers for reading for about 20 minutes. After reading, the student members of the Library Committee asked the question from the same newspapers. The winners received the attractive gifts.

Chess Competition: Central Library organized an Inter Department "Chess Championship" on 15th& 16th Sept. 2016. Overwhelming response of the students from various departments made this event a grand success. Championship had three rounds to get the top three champions. Respected Vice-Principal, Col. (Retd.) Gurmukh Singh appreciated & honoured the winners with mementos, cash prizes and gifts. The winners are;

First Position	Ali Hassan(EE)
Second Position	Sachin Sawhney(ECE)
Third Position	Rahul Prasad(ME)

ACET Spelling Bee Competition: Students' Library Committee organized first Inter-Departmental "ACET Spelling Bee Competition" on 13th Sept (Preliminary) and 26th Sept, 2016 (Final). Overwhelming response of students in participation and on social media made this event quite popular and a grand successful. Worthy Managing Director, Dr. Rajneesh Arora and Respected Vice-Principal Col.(Retd.) Gurmukh Singh honoured the winners. The following were the winners in Competition;

Position	Department	Name of participants
FIRST	Mgt. Studies	1. Niraj Raul 2. Manjinder Singh
SECOND	Applied Sciences	3. Kiranbir Kaur 4. Kundan Kumar
THIRD	Agriculture	5. Sunkali Budhathoki 6. Aryan Oli

"Ms. Shivani from Department of Computer Applications obtained maximum marks in the Preliminary Round".

Know the Abbreviations: Students' Library Committee of Central Library organized "Know the Abbreviations" on 6th Oct. 2016. Students from various departments participated and won the prizes. Before the start of the event all the participants contributed in the panel discussion on the topic "Business and Ethics can't go together".

World Students' Day: We celebrated the WORLD STUDENTS DAY with the student members of "Students' Library Committee" by remembering the legendary & honourable Dr. A.P.J. Abdul Kalam. All the students cut the cake on the 85th Birth Anniversy of Dr. A.P.J. Abdul Kalam. The students are the strength of the teachers. We wish our students good health & success in life.

Tag 'O' Logo Mania: The Students' Library Committee of Central Library organized another unique event "Tag 'O' Logo Mania" on 6th and 7th Feb 2017. The event was divided into two rounds viz., Preliminary and Final Round. The final round was judged by Ms. Rajini Arora (Assistant Professor) and Mr. Harpreet Singh (Asstt. TPO). Ms. Ragini Sharma (Director Finance) and Dr. VK Banga (Principal) honoured the winning teams with mementos and cash prizes. The winners are;

S. No.	Teams	Position	Names of the Winners
1	E	FIRST	(i) Subir Magotra (ii) Abhay Sondhi
2	C	SECOND	(i) Gursirat Singh Saini (ii) Sanket Bhandari
3	B	THIRD	(i) Turunjit Biswas (ii) Shirya Gupta

Public Speaking Competition: The Students' Library Committee of Central Library organized "Public Speaking Competition" on 8th March 2017. Students from various departments participated in this event. The event was judged by Ms. Rajni Arora (Assisstant Professor, Department of Applied Sciences) and Mr. Harpreet Singh (Assistant TPO). The following students were winners;

S. No.	Name of the Winners	Branch/Sem.	Position
1	Ms. Rupali	CSE/6th	FIRST
2	Mr. Abhay Sondhi	ME/4th	SECOND
3	Ms. Shrishti	AS/2nd	THIRD

* * *

N.S.S UNIT

College has one unit of 70 boys and 30 girls NSS volunteers. These highly motivated volunteers rendered an excellent service during the Academic year 2016-17 in accordance with the Annual action plan of Punjab Technical University, guidelines of the Principal and suggestions of the NSS Coordinators.NSS Unit actively organized various activities with utmost dedication and service motto.

N.S.S. ACTIVITIES

Orientation:

100 Volunteers were enrolled in the NSS Unit in the Academic year 2016-2017. Enrolled Students attended the orientation program to familiarize about the activities of NSS Unit of our College. Two villages Kishanpura and Rajewal were adopted by NSS unit to conduct drug de-addiction, female foeticide, literacy ,VISAKA and other awareness activities.

Blood Donation Camp At All India Pingalwara Charitable Society:

NSS Volunteers participated and donated blood on 3rd August 2016 in Blood Donation Camp organized by
All India Pingalwara Charitable Society,Amritsar on Death anniversary of S.Bhagat Puran Singh.

Independence Day :

Independence Day was celebrated on 15th August 2016 in College ground. Mr. Rajbir Singh (Trustee Pingalwara Society and Incharge Natural Forming and Joint Secretary Khalsa College Agriculture form and Animal Husbandary) had given a motivational speech to the students after hoisting the National Flag .More than 350 Students were present in the function. Sweets were distributed among the students after the program.

Seminar:

NSS Wing organized a seminar for NSS Volunteers on “Role of Amritsar in Freedom Struggle” on 30th August 2016. Prof. Harmohinder Singh Bedi was the Chief Guest who delivered the keynote speech.

NSS Wing organized a seminar for NSS Volunteers on "Stress Management For Engineering Students" on 8th Sept 2016. Shri Sachi Nandan Das(International Society for Krishna Consciousness,Amritsar) was the keynote Speaker.

Blood Donation Camp At ACET, Amritsar

Our Volunteers organized the blood donation camp and donated blood on 15th Nov 2016 to the Blood Bank, Government Medical College, Amritsar. 190 Units of Blood was donated in this Camp. Dr. Jeewan Jyoti Sidana is Ex-Dean, Faculty of Education, Guru Nanak Dev University and presently serving as Principal of Sidana Institute of Education,Amritsar was the Chief Guest.

Seminar:

NSS Wing organized a seminar for students on "BHIM "(Bharat Interface for Money) on 16thJan 2017 under the VITTIYA SAKSHARATA ABHIYAN program . Mr. Ravpartap Singh was the keynote Speaker.

Republic Day :

Republic Day was celebrated on 26th January 2017 in College ground. Dr.Rajneesh Arora ,Managing Director, ACET highlighted the importance of the Republic Day and emphasized that the rights and duties go together.

Seminar :

NSS Wing organized a seminar for NSS Volunteers on "Shri Guru Gobind Singh ji Bharati Sanskrit nu Den" on 9th February 2017. Prof. Harmohinder Singh Bedi was the Chief Guest who delivered the keynote speech.

NSS Wing organized the Motivational Talk on "Beggar to a King" by S.Jaswinder Singh Khalsa ,UK(Now in India) for the B.Tech 1st year students on 16th February 2017 in Seminar Hall .

NSS wing and Punjab Health Department , Amritsar had jointly organized a Seminar to arouse awareness about "Drug De-addiction & Rehabiltation" for students on 11th Apirl 2017 in Seminar Hall . S.Kamaljit Singh Sangha(Deputy Commissioner Amritsar) was the Chief Guest who delivered the keynote speech.

NSS wing organized a Seminar on " Power of discipline in student life" by Shri Sachi Nandan Das (International Society for Krishna Consciousness) for NSS Volunteers on 12th April 2017 in Seminar Hall.

Photo Gallery

Flag Hoisting On Independence Day

Celebrating Republic Day At Acet

Blood Donation Camp At Acet

Seminar On “De-Addiction & Rehabilitation”

Seminar on Bharat Interface for Money”

Seminar on Shri Guru Gobind Singh ji Bharati Sanskrit nu Den”

Pallas Athena Cultural Society Annual Report 2016-17.

1. About

The society was established under the aegis of Amritsar College of Engineering & Technology in the year 2003. The society is popularly known as PACS. It provides an excellent platform to the students of ACET to show their latent talent and explore creativity in the various cultural programmes organized by this society. This society is student oriented and all the functions are organized by the students under the supervision of the faculty members. A number of Teams like Decoration Team, Escorting Team, Hospitality Team, Back Stage Team, Discipline Team, Drafting Team etc. are constituted for the smooth conduct of various functions. A number of cultural programmes like Freshers' Party, Fusion, Pryaas and other culural events are organized by PACS.

Events Organized by PACS Sep'16-April'17)

- ✓ **Freshers' Party- Jubilant: The Flurry** *(September 30, 2016)*
- ✓ **Cultural Eve for NAAC Peer Team** *(October 13, 2016)*
- ✓ **FUSION: Science & Cultural Fair** (*November 18-19, 2016)*
- ✓ **Techno-Utsav 2017** (*February 17, 2017***)**
- ✓ **PRYAAS: A National Level Technical Fest (***March 17, 2017)*

2. Freshers' Party- Jubilant: The Flurry *(September 30, 2016)*

Amritsar College of Engineering & Technology, Amritsar organized Freshers Function to celebrate the incoming of new comers in B.Tech, MCA, MBA and UGC Courses of the session 2016. The function was organized in the college auditorium. It is customary celebration as a part of tradition for the 2nd year students to welcome the new students those who take admission in 1st year. The preparations of Fresher Party were going for the past one month. About 110 students participated and 46 members of the PACS worked hard to make this event a grand success.

The function was inaugurated by Madam Ragini Sharma- Director Finanace -ACET by enlightening the lamp before Goddess Saraswati. Sh. Amit Sharma- Chairman- ACET, Rajnish Arora-Managing Director-ACET, Retd.Col. Gurmukh Singh- vice Principal- ACET the core dignitaries were also present during the function.

Special events organized during the function were Group Dance, Solo Dance, Drama, Bhangra, Gidda, etc. The main attraction of the whole function was Mr. & Ms. Fresher; along with it Mr. Handsome and Ms. Charming and Best Costume (Male & Female) were also chosen. The audience remained tied up with their seats as the entire program was full of entertainment and admirable performances by students of 1st year in various events.

At the end of the event our honorable Chairman Sh Amit Sharma contributes his gratitude to all present guests and students to give their presence in the entire event.

At the offset of the function, Mr.Phanendra Oli was chosen Mr. Fresher, Ms. Anchal Paul was Ms. Fresher while Mr. Akashdeep Singh and Ms. Manpreet Kaur were chosen Mr. Handsome and Ms. Charming Mr. Gurpreet Singh and Ms. Muskaan Sadana were chosen Best Costume (Male & Female) respectively.

Result of Title Winners-2016

S no.	Title	Name
1	Mr. Fresher	Mr. Phanendra Oli
2	Ms. Fresher	Ms. Anchal Paul
3	Mr. Handsome	Mr. Akashdeep Singh
4	Ms. Charming	Ms. Manprret kaur
5	Best Costume (Male)	Mr. Gurpreet Singh
6	Best Costume (Female)	Ms. Muskan sadana

PHOTO GALLERY

Glimpses of the Events in Jubilant: The Flurry Freshers' Party – 2016

3. FUSION: Science & Cultural Fair *November 18-19, 2016*

This function is organized to acquaint the +1 & +2 Non-Medical students (from all over Punjab) with the various facilities and infrastructure of the ACET. This "Fair" provides the best platform to the school students to exhibit their talent. Last year it was held on 18th – 19th Nov 2016. In total, 86 and 9

respectively, students participated in different cultural events (Solo Dance, Solo Song, Group Dance, Stand-up Comedy, Bhangra and Giddha) from various Government & Public Schools from all over the Punjab.

(RESULT)

S. No.	Event	Position	School
1	Solo Dance	Second First	Police D.A.V School Khalsa Sen. Sec. School
2	Group Dance	Second First	D.A.V Public School Shri Ram Sen. Sec. School
3	Laughter Challenge	Second First	Shri Ram Sen. Sec. School D.A.V. Public School
4	Gidha	Second First	---------- Prabhakar Sen. Sec. School
5	Bhangra	Second First	Khalsa Sen. Sec. School Spring Dales Sen. Sec School

Overall trophy was won by D.A.V. Public School, Amritsar

4. <u>Techno-Utsav 2017</u>

ACET Amritsar, Punjab organized TECHNO-UTSAV 2017 - An Inter College Technical & Cultural Fair. Jointly Organized by Departments of Computer Applications & Management Studies, 1200 students from more than 30 colleges from Amritsar and Nearby Cities had participated in this Cultural and Technical Fair.

Dr. Pushpinder Walia, Principal, BBK DAV College and Chief Guest, Techno-Utsav 2017, Dr. Vijay Kumar Banga (Principal, ACET) , Col. (Retd.) Gurmukh Singh, Dr. Gaurav Tejpal (Dean, Campus Relations), Mrs. Dipti Malhotra (HOD, DCA) and Dr. Maninder Singh Gill (HOD, DMS) along with Judges and Faculty Members started the Event with Lamp Lighting Ceremony.

Adv. Amit Sharma, Chairman ACET also graced this Fest with his presence and all the dignitaries appreciated the various event winners with the Trophies.

The Overall Winner of this Fair is BBK DAV College, Amritsar

Event	Position	Student	College
Ad Mad Show	1st	Muskan	BBKDAV
	2nd	Sahil	DAV
	3rd	Jagroop	Khalsa College
Google Doodle	1st	Mehak	BBKDAV
	2nd	Jasmeet Kaur & Amit Tejpal	ACET
Extempore	1st	Shruti	BBKDAV
	2nd	Maninderjit	SR Govt College
	3rd	Ankit	ACET
Catch The Bug	1st	Swati & Parul	BBKDAV

	2nd	Parul	Hindu College
	3rd	Sangeeta & Jivenjot	Khalsa College
Poster Presentation	1st	Simran Kaur	SSSS College
	2nd	Karan	Hindu College
	3rd	Robin	DAV College
Group Discussion	1st	Ashwin	BBKDAV
	2nd	Jagraj Singh	Khalsa College
	3rd	Payal & Mamta	Hindu College
Who Am I	1st	Raghav Mehra	DAV College
	2nd	Saksham	ACET
	3rd	Ankit	ACET
Rangoli	1st	Prabhjot Kaur & Anupama	Khalsa College
	2nd	Shubham & Payal	RRMK
	3rd	Harpreet & Navneet Kaur	SSSS
Event	Position	Student	College
Ad Mad Show	1st	Muskan	BBKDAV
	2nd	Sahil	DAV
	3rd	Jagroop	Khalsa College
Google Doodle	1st	Mehak	BBKDAV
	2nd	Jasmeet Kaur & Amit Tejpal	ACET
Extempore	1st	Shruti	BBKDAV
	2nd	Maninderjit	SR Govt College
	3rd	Ankit	ACET
Catch The Bug	1st	Swati & Parul	BBKDAV
	2nd	Parul	Hindu College
	3rd	Sangeeta & Jivenjot	Khalsa College
Poster Presentation	1st	Simran Kaur	SSSS College
	2nd	Karan	Hindu College
	3rd	Robin	DAV College
Group Discussion	1st	Ashwin	BBKDAV
	2nd	Jagraj Singh	Khalsa College
	3rd	Payal & Mamta	Hindu College
Who Am I	1st	Raghav Mehra	DAV College
	2nd	Saksham	ACET
	3rd	Ankit	ACET
Rangoli	1st	Prabhjot Kaur & Anupama	Khalsa College
	2nd	Shubham & Payal	RRMK
	3rd	Harpreet & Navneet Kaur	SSSS

Result & Glimpses of Techno-Utsav 2017

5. <u>PRYAAS: A National Level Technical Fest</u> *March 17, 2017.*

PRAYAAS - 2017 -National level Technical & Cultural Fest

The National Level Tech - Fest, Prayaas - 2017 was organized by ISTE Student Chapter in ACET Amritsar, Punjab where various Technical, Creative and Cultural Events were held.

Respected Adv. Amit Sharma (Chairman, ACET), Dr. Rajneesh Arora, Managing Director of ACET, Dr. V.K. Banga (Principal, ACET) ... Chief Guest of day Mr. Lalit Awasthi Director, NIT Jalandhar,Mr.Ibaadat Singh Director Data wind Madam Ragini Sharma Director Finance, Madam Rainu Banga and Mr. Bimal Kumar (Coordinator, ISTE Student Chapter) Inaugurated the ceremony by lightening the lamp as a tribute to Mother Saraswati.

(RESULT)

S. No.	Event	Position	School
1	Solo Dance	Second First	Khalsa College ACET Amritsar
2	Group Dance	Second First	ACET Amritsar ACET Amritsar
3	Laughter Challenge	Second First	BBK DAV College Polytechnical College

4	Gidha	Second First	Khalsa College for Women
5	Bhangra	Second First	Beant Engg College ACET Amritsar

Overall trophy was won by ACET Amritsar

Photo Gallery

ACET signed MOU with Huawei Technologies Pvt. Ltd. (ACET) became the first Educational Institute in India to sign up as HAINA with Huawei.

Freshers' party was organized for new entrance of the session 2016, B.Tech, MCA, MBA and UGC Courses.

The National Assessment and Accreditation Council (NAAC) has awarded `A' grade for 2nd cycle to an Autonomous Institution, Amritsar College of Engineering and Technology (ACET), Amritsar.(October 13 to 15, 2016)

Industrial Meet held at ACET Amritsar in which Industrialists from Amritsar and nearby region were participated on 30th Nov, 2016.

Shri Akhand Path & Hawan were organised in the ACET Campus to seek blessings from almighty for a pleasant and enriching semester (9th Jan 2017)

Faculty Club organized "First 100 Meter Race" of the members of the "Faculty Club" on 9-11-2016.

6th Annual Athletic Meet was inaugurated by Ms. Navjot Kaur Dhillon (International Player Discus Throw). as the Chief Guest on 23rd Feb, 2017.

Glimpse of Live Talk with Shri. Prakash Javadekar , Hon'ble Minister, Ministry of Human Resource Development, Government of India and Chief Patron, Smart India Hackathon 2017.

ACET participated in 1st Marathon arranged by GRR. Principal , Dr. V. K Banga with Randeep Hooda (Film Actor)

3rd International day of Yoga celebrated on 21st June 2017