

BRIEF INTRODUCTION

ACADEMIC PROGRAMMES OF THE INSTITUTE

The Institute offers academic programmes at the undergraduate level leading to BE/BTech degree, at the postgraduate level leading to MA, MBA, MCA, MSc, ME/MTech, Dual-Degree BE-MBA degrees and at the doctoral level, PhD and DSc degrees.

The salient features of the programmes are *semester-wise credit system, letter grades, continuous evaluation of the students' performance, course-wise promotion* and Choice Based Credit System (CBCS) which provides *flexibility to allow the students to select courses and move at an optimum pace suited to their ability, capacity and interest.*

ACCREDITATIONS OF THAPAR INSTITUTE OF ENGINEERING & TECHNOLOGY (TIET)

1. National Assessment and Accreditation Council (NAAC), UGC

Thapar Institute of Engineering & Technology was accredited with 'A' grade by National Assessment and Accreditation Council (NAAC), UGC from May 2016 for 5 years.

2. Accreditation Board for Engineering and Technology (ABET)

The BE Mechanical Degree program of Thapar Institute of Engineering & Technology, Patiala received the prestigious ABET accreditation as a confirmation of meeting the Global Standard of Technical Education. ABET is a US based organization that accredits post-secondary education programs in "applied science, computing, engineering, and engineering technology", which occurs mainly in the United States (USA) but also internationally.

3. National Board of Accreditation (NBA)

The under-graduate programs in Civil Engineering, Electronics & Communication Engineering and Biotechnology are accredited by NBA. Thapar Institute of Engineering & Technology has applied for re-accreditation of its other undergraduate engineering programs after the current accreditation lapsed. The accreditation visits are likely to be completed in 2017.

ACADEMIC UNITS

The academic units of the Institute are **Departments, Schools and Centres**. Role of the **Departments** is to organise and conduct undergraduate, postgraduate, and doctoral programmes in relevant engineering/technological disciplines, while the **Schools** cater for only postgraduate and doctoral programmes. The **Centres** are special inter-disciplinary units serving the Institute as a whole.

A. DEPARTMENTS

- (i) Chemical Engineering Department
- (ii) Civil Engineering Department
- (iii) Computer Science & Engineering Department
- (iv) Department of Biotechnology
- (v) Electrical & Instrumentation Engineering Department
- (vi) Electronics & Communication Engineering Department
- (vii) Mechanical Engineering Department
- (viii) Continuing Education

B. SCHOOLS

- (i) School of Chemistry & Bio-Chemistry
- (ii) School of Energy and Environment
- (iii) School of Humanities and Social Sciences
- (iv) School of Mathematics
- (v) School of Physics & Materials Science
- (vi) L M Thapar School of Management

C. CENTRES

- i. Central Library
- ii. Central Workshop
- iii. Centre for Industrial Liaison and Placement (CILP)
- iv. Centre for Training & Development (CTD)
- v. Centre of Relevance and Excellence (CORE) in Agro and Industrial Biotechnology
- vi. Centre of Information and Technology Management (CITM)
- vii. Health Centre
- viii. Science and Technology Entrepreneur's Park (STEP)

Medium of Instruction – English

FACULTY

For an academic institution, this is very important to recruit quality faculty. In TIET, faculty members are recruited through a rigorous selection process. This process includes the opinion of Academic Units and also that of outside experts. This is even more important to train and retain this key resource. We have taken a number of steps to retain the faculty and have entered into an MOU with Trinity College, Dublin to train the faculty members on state-of-art learning practices and pedagogies. For this purpose, we have established a Centre for Academic Practices and Student Learning at our Campus, and plan to get all the faculty members certified on these practices by experts from TCD. We hope to bring sweeping changes in the methodologies adopted by faculty as of now and are confident that this initiative shall help faculty members importing better learning to our students, shall help faculty members to involve students at all levels in their research endvours and thus producing graduates who can serve our country better.

MoU WITH FOREIGN UNIVERSITIES/ORGANIZATIONS

Thapar Institute of Engineering & Technology has embarked on a Contemporarization Program under academic mentorship of Trinity College, Dublin, (University of Dublin), Ireland. Under this program Thapar Institute of Engineering & Technology through its Centre for International Relations announces a credit transfer International Engineering Program with Trinity College Dublin, University of Dublin (TCD). Apart from this; TIET also has a major collaboration with the University of Groningen, Netherlands and Tel Aviv University, Israel.

Other MoU's which have been active include, New Jersey Institute of Technology, Kumamoto University, International Management Institute, Rose Bruford College, American society for Quality India Pvt. Ltd. (ASQ India), Universidade De Aveiro (UA), Brown University, Groupe ISA , Institute of life science, Lille , France, Naveen Jindal school of management, Texas at Dallas and LMTSOM, Royal Melbourne Institute of Technology, Universtity of Missouri-Kansas city, College of life science, Ritsumeikan University, Japan, School of information and digital technology, Paris, France, Technology Information, Forecasting & Assessment Council (TIFAC), Information, Library network centre (4-party UGC - Infonet Agreement), Indian Institute of Technology, Kanpur, National Science & Technology Entrepreneurship Development Board, Quark Benevolent Private Limited, IBM Global Services India Pvt. Ltd., Vimalsons Charitable Foundations, New Delhi, Educational Consultants India Ltd. (EDCIL), Crompton Greaves Ltd., Mumbai, 24x7 Learning Pvt. Ltd.

Bangalore, Indian Institute of Tropical Metrology, Mesh Process Simulation Pvt. Ltd., Gita Vidya Mandir Girls College, Sonapat National Dairy Research, Secure Net Technologies, Wipro Technologies, Bangalore, ICICI Bank, UltraTech Cement Ltd, Mumbai , PepsiCo India holding pvt. Ltd a McCain Foods India Pvt Limited, NVIDIA for CUDA Teaching center (CTC) as well as CUDA Research Center (CRC), DRDO-Institute of nuclear medicine and allied sciences, Delhi and PGI Chandigarh.

ALUMNI UPDATE

Alumni of an Institute are its greatest and most cherished assets. Whether one has graduated a year ago, or entered the portals of this great Institute more than 50 years ago, each one of the **Thaparian** possesses something of incredible value to the Institute. Many of our alumni are highly placed in India and abroad. From being on the boards of multi-nationals to serving in the Indian Civil Services, **Thaparians** have always made their alma mater proud. Thapar Institute of Engineering & Technology is truly proud of their achievements in all walks of life.

The Thapar Institute of Engineering & Technology also houses Alumni Relations/Association Office which acts as a liaison between the Institute and its alumnus and also maintains the website of TIET Alumni (www.thaparalumni.com). The Thaparian website provides a platform to alumni to interact and to keep themselves abreast of the latest developments on campus.

The office also maintains data base of more than **20,000 alumni**. The office organizes various Alumni meets such as Alumni/Founders day every year in the month of October to welcome alumni from all batches. Re-Unions of Golden, Silver Jubilee batches are also being organized every year. Other activities include invited lectures by distinguished Alumni, organizing of "The Alumni in The Making" wherein the fresh graduates are welcomed in the alumni fold. Start-up conclave in 2016 was also initiated through the office, in collaboration with entrepreneurship development Cell and LM Thapar School of Management. Alumni also assist in helping UG and PG graduates for Internships and Training.

CENTRE FOR TRAINING & DEVELOPMENT (CTD)

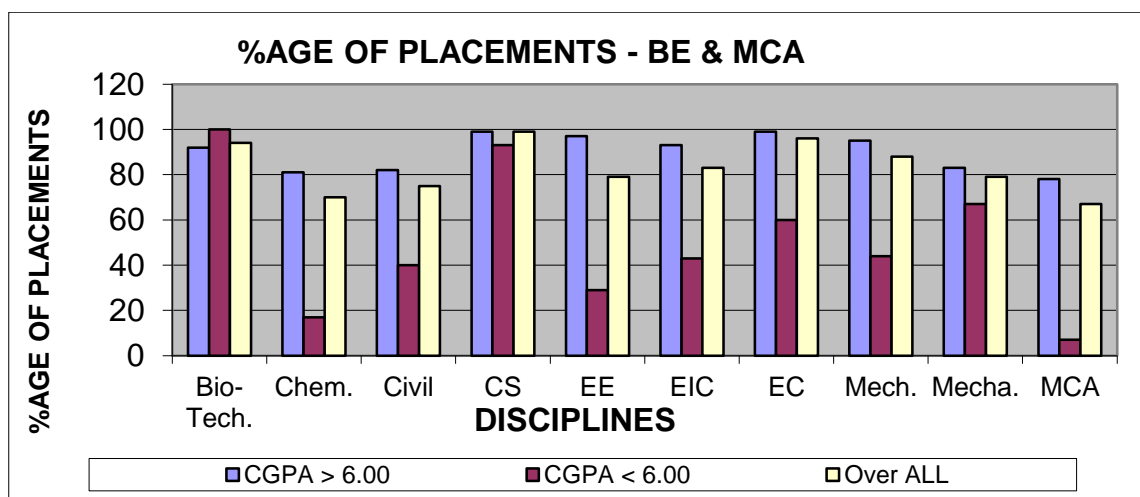
Producing world class engineers by imparting quality education has been a priority for Thapar Institute of Engineering & Technology. However, these Engineers operate in 'human organizations' requiring effective communication, appropriate behaviour, good interpersonal skills, problem solving & decision making skills and an understanding of global work environment. It was against this background that a dedicated '**Centre for Training & Development (CTD)**' was set up with a vision to 'transform students into employable, future ready, global resources and make them both Industry ready & society ready'. The Centre is responsible for identifying the need for aptitude & personality training; conceptualizing, designing, organizing and implementing training programs based on these needs; providing on-campus mentoring & career counselling sessions; inviting Industry experts to interact with students on contemporary employability and work environment challenges and liaising with CILP to understand current corporate requirements and accordingly customizing training programs.

CENTRE FOR INDUSTRIAL LIAISON AND PLACEMENT (CILP)

ACTIVITIES OF CILP

- Campus Recruitment Programme
- Project Semester Placement of Students
- Summer Training Programme
- Industry Institute Interaction

CILP arranges campus interviews for placement of final year students of all branches by inviting various national and international public sector, private sector and MNC's organizations. A data base of organizations is available with CILP which is continuously updated. Campus recruitment for the year 2015-16 is as under till November 30, 2016.



All students of various BE/B.Tech. engineering disciplines are required to spend a full semester in the industry completing an industrial project under the joint supervision of industry supervisors and TIET faculty. Also, PG students from Computer Science spent one full year in industry completing the project.

Similarly, the students of M.C.A. do a System Development Project (SDP) of sixteen-weeks duration & the students of M.Sc. spend a six-weeks summer training in the industry. This provides a system of education that formally integrates academic studies with related work experience. More than 300 industries provided semester slots/Training to our students, CILP assists in arranging semester training slots for various branches of engineering.

CILP also assists in arranging six week's summer training for students of BE Second Year Electronics and Electrical Communication, Electronics (Instrumentation & Control), Electrical and Computer Science and Engineering disciplines.

CILP is closely involved in Industry-Institute Interaction Programmes such as Faculty Exchange Programme, Mobility of Industrial Personnel Programme and Joint Research Projects in collaboration with industries.

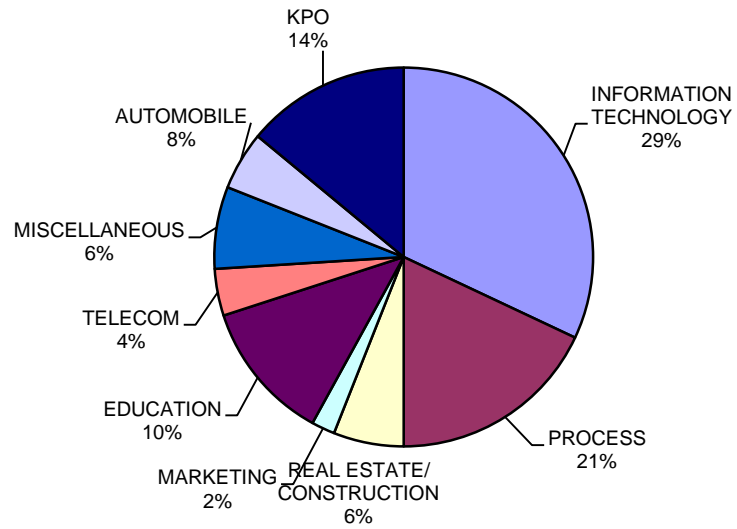
For the students graduating and post graduating in 2017, 192 organizations have so far visited our Institute and offered placements to 635 students through campus interviews till date.

ORGANIZATIONS VISITING FOR CAMPUS RECRUITMENT

1	Royal Bank of Scotland	66	Accenture Services	131	DIT University
2	Maruti Suzuki India Ltd	67	Sapient Nitro	132	Mankind Pharma
3	Microsoft India	68	ST Microelectronics	133	AFCONS Infrastructures Ltd
4	Schneider Electric Ltd	69	Royal Enfield	134	John Deere
5	DE Shaw India Software Ltd.	70	SMS India Pvt. Ltd.	135	Bechtel India
6	ZS Associates India Pvt Ltd	71	Saint Gobain Group	136	We are holidays
7	Futures First Ltd	72	IBM India Pvt. Ltd.	137	Phillips India

8	Exl Service (Inductis India)	73	Experitest	138	Trinity Centre
9	Expedia India	74	Tata Consultancy Services	139	Trivium Education
10	Sandisk Corporation	75	Adventz Group	140	Emergent Ventures
11	Zomato.com	76	Snap deal.com	141	IRIS Learnings
12	Informatica Corporation	77	Blackngreen	142	Zoom Car
13	Alstom Projects India Ltd	78	Infogain India Pvt. Ltd.	143	Duplays
14	Amadeus Software Labs. India Pvt. Ltd.	79	Fidelity Business Services India Pvt.	144	Skill Tree Knowledge Consortium
15	Crompton Greaves Ltd.	80	Idea Cellular Ltd.	145	Tynor
16	Media Tek India	81	GATI	146	FJS Global
17	Axtria India Pvt. Ltd.	82	Roots Analysis	147	HT
18	Anand Group	83	SML Isuzu Ltd.	148	Consort Builders
19	Freescall Semiconductor India Pvt. Ltd.	84	Lovely Professional University	149	Oracle Health Sciences Global Business
20	Oracle Financial Services	85	KPMG India	150	Security Weaver Ltd.
21	GS Engg. & Construction I	86	Max Speciality Films Ltd	151	Gulzar Group of Institutes
22	Hike Ltd.	87	Myntra.com	152	Decathlon Sports India
23	Belzabir Software Design India Pvt. Ltd.	88	Computer Sciences Corporation India Pvt.	153	Newgen Software Technologies Ltd.
24	Make My Trip.com	89	Atkins Group	154	HLS Asia Ltd
25	Sab Miller India Ltd.	90	Software AG	155	Steel Strips Wheels Ltd
26	Honda Cars India Ltd.	91	Havells India Ltd.	156	GKN driveline India
27	Naukri.com	92	Bhushan Steel Ltd.	157	Glaxo Smithkline Beecham
28	Larson & Turbo Const.	93	MphRx	158	Rayat & Bahra Group
29	Hindustan Unilever Ltd.	94	Dabur India Ltd.	159	Denso Corporation
30	IDS Infotech Ltd	95	Tavant Technologies	160	NIIT Technologies
31	Black Rock	96	VVF India Ltd.	161	Panacea Biotech Ltd
32	Amdocs India Development Centre	97	Honda Motor cycle & Scooter India	162	Mahindra Comviva Technologies Ltd.
33	Indus Valley Partners	98	Success Factors	163	KnowledgeGentia Consultants
34	Exicom Tele Systems	99	Ind-Swift Laboratories Ltd.	164	Shore Tel
35	Samsung Engg India Pvt. Ltd.	100	Saviynt	165	LG Electronics
36	VE Commercial Vehicles	101	WSP Group	166	IOL Chemicals
37	MAQ Software	102	HCL Technologies	167	App Versal
38	UOP- India Ltd.	103	VISA	168	Cyber Tech Systems
39	INOX Wind Ltd	104	Bloomchemag Pvt Ltd	169	Madhav Alloys Pvt Ltd
40	U-Trade Solutions	105	L & T Infrastructure Engg Ltd	170	Cubastion Consulting Pvt.Ltd
41	Lenskart.com	106	Magneti Marelli Ltd	171	Brain Edge India
42	Paxcel Technologies Ltd.	107	Co-Cubes.Com	172	AIS Glass
43	Hero Motocorp Ltd.	108	Gian Jyoti Edu. Society	173	SAB Industries
44	Ericsson India Global Services	109	Infomaths	174	Syntel India
45	SAP Labs	110	Practo	175	HDFC Bank
46	ISGEC Heavy Engg. Ltd.	111	Budget Signs	176	Aryabhata Group
47	Nucleus Software	112	Siemens Ltd	177	Promatics Technologies
48	Century Link India	113	Punj Lloyd Ltd	178	Edifecs Technologies
49	Grail Research	114	Reliance ADAG	179	Henkel India
50	Chic Mic	115	University of Twente	180	Om Careers
51	Routofy Services Pvt.Ltd.	116	Logicutor Technologies	181	IL&FS
52	Elegant Marine Services	117	Vardhman Group	182	Span Infotech India
53	Ascentx India	118	UAS International	183	Sarooj Construction
54	TT Consultants Pvt. Ltd.	119	XAD Technologies	184	Shivalik Group
55	JSW Steel Ltd.	120	Honda Cars	185	Bosch India
56	Smart Cube	121	Just Dial	186	Work Applications, Japan
57	Nagarro Software Pvt. Ltd.	122	Autoninja	187	GE Digital
58	Aakash Educational Services Ltd.	123	Deloitte Consulting India Pvt. Ltd.	188	Asian Concretes & Cements (p) Ltd
59	Grofers	124	Interra Systems	189	CPA Global
60	Magic Software	125	Mazars LLP	190	Environment First Energy Services
61	Tata Motors Ltd.	126	Exousia Info Services	191	C & S Electric
62	Aspiring Minds	127	Triune Energy Services	192	Edelweiss Financial Services
63	Authorgen Technologies	128	Shapoorji Pallonji Ltd	193	Header Labs
64	Cadence Design Systems	129	GATES India	194	Synopsys
65	Reliance Industries Ltd.	130	Amazon India	195	JDA Infotech.

SECTORWISE PLACEMENT



■ INFORMATION TECHNOLOGY	■ PROCESS	■ REAL ESTATE/ CONSTRUCTION
■ MARKETING	■ EDUCATION	■ TELECOM
■ MISCELLANEOUS	■ AUTOMOBILE	■ KPO