Indian Institute of Technology Hyderabad

Placement Brochure
2015-2016

Vision

Indian Institute of Technology Hyderabad will be the cradle for inventions and innovations. It will advance knowledge and scholarship to students in science, technology and liberal arts, and equip them to handle the challenges of the nation and the world in the 21st century.

Mission

IIT Hyderabad aims to be recognized as ideators and leaders in higher education, research and industry, and to develop human power with creativity, technology and passion for the betterment of India and humankind.

Core Values

Integrity: Honest, ethical and responsible behaviour will be fundamental to all our dealings and actions.

Diversity of Ideas: We encourage plurality and diversity of ideas to create a robust and vibrant future.

Enquiry: We foster the spirit of scientific inquiry.

Academic freedom: We ensure complete academic freedom in teaching and research.

Service to the nation: We are committed to providing technology, solutions and trained manpower for the betterment of the people of India.

Transparency: We exhibit transparency in all what we do.

Environmental Stewardship: We are committed to developing and participating green technologies.

Excellence: We endeavour to excel in research, education and student activities.

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About Us

IIT Hyderabad –Always Innovating

Indian Institute of Technology Hyderabad (IITH), one of the eight new IITs established in 2008 by the Ministry of Human-Resource Development, is currently located in Hyderabad city and is a part of history in the making. It started functioning from its temporary campus in August 2008 by admitting 111 B.Tech. students. On 27 February 2009, the foundation stone of IITH was laid by Smt. Sonia Gandhi, Honourable Chairperson of UPA. It started with just three departments - Computer Science & Engineering, Electrical Engineering and Mechanical Engineering and has now grown to include, not only various other engineering departments (Chemical, Civil, Materials Science & Biotechnology) but also sciences (Physics, Chemistry & Mathematics) and Liberal Arts with the required state–of–the–art labs already established. It currently has 1700 students and around 143 faculty members. Its youthful and dynamic faculty,

passionate students and dedicated staff together envision building a premier institute with the main focus on ideas, and the total outlay of these projects crosses 500 million, a creditable achievement for any fledgling Institute. Tie-ups with foreign universities and industrial giants provide students with international and national scholarships. They secure prestigious industrial & research internships that broaden their perspectives in technology as well as endow them with adaptability, versatility, team spirit and a disciplined work ethic.

Director's Address

Life is nothing if not a daring adventure.   — Helen Keller

IIT Hyderabad is keeping its destiny with invention and innovation. Innovations are there in research and teaching. IITH is the largest among new IITs – there are 1700 students with 475 doctoral students, 400 Masters, and 825 undergraduate students. In Aug. 2016, IITH will be graduating 196 B.Tech., 46 M.Sc, 4 M.Phil., 187 M.Tech. and 36 Ph.D. students (Subject to thesis submission)

The fact that we will be graduating 30 plus Ph.D. students is a testimony of our commitment to research and development. Another testimony is that nearly 80% faculty have sponsored projects. Moreover, IITH has strong industry collaboration with nearly Rs 10 crores of consultancy and many industry sponsored projects.

On the academic front also, IITH is surging ahead: We have B.Tech. Programs in eight engineering departments, M.Sc. in Physics, Chemistry and Maths, M.Phil. in Liberal Arts, M.Des. in Visual Design, and Ph.D. in all departments. There is a strong emphasis on interdisciplinary academics. IITH has implemented a very novel academic program, referred to as, Fractal Academics – the key idea is to atomize courses, provide breadth and depth, emphasize project work and create an interactive learning ambience. In this approach, the students will be well equipped to handle challenges of any job or challenges of post graduate education. Our students are and will be sought after in the job market.

IITH has very active collaboration with Japan; this collaboration is on all fronts – research, academics and infrastructure development. This is a unique collaboration which is helping to propel IITH to be among the best in the world. Active research collaboration is there in several areas – like nano-science and nano-technology, energy and environment, next-generation communication technologies, sustainable development, design and manufacturing.

IITH has launched its technology business incubator and three companies have started functioning in the incubator.

IITH has MoUs and active collaboration with several leading US universities (e.g. Purdue, UIUC, USC, Georgia Tech., etc.) and leading Japanese Universities (e.g. University of Tokyo, Keio University, Osaka University, Tahoka University, etc.). IITH has had several visiting faculty from USA, France, and Canada who taught fractional credit courses.

Students of IITH are among the best in India and are sought by industry and leading universities in the US, Canada, Japan, Europe, and Australia.

Academic
Programmes

Undergraduate

B.Tech.:
Duration: 4 years,
Qualifying Test: IIT- JEE (Advanced)
Minor and Honours: Option to earn an
Honours degree (in the same department)
or a Minor degree (in another department).

Graduate

M.Tech.:
Duration: 2 years/ 3 years,
Thesis duration: 1 year/ 2 years,
Qualifying Test: GATE (Graduate
Aptitude Test in Engineering)

M.Sc.:
Duration: 2 years
Thesis duration: 1 year
Qualifying Test: JAM (Joint Admission
Test for M.Sc.)

M.Phil.:
Duration: 2 years
Thesis duration: 1 year
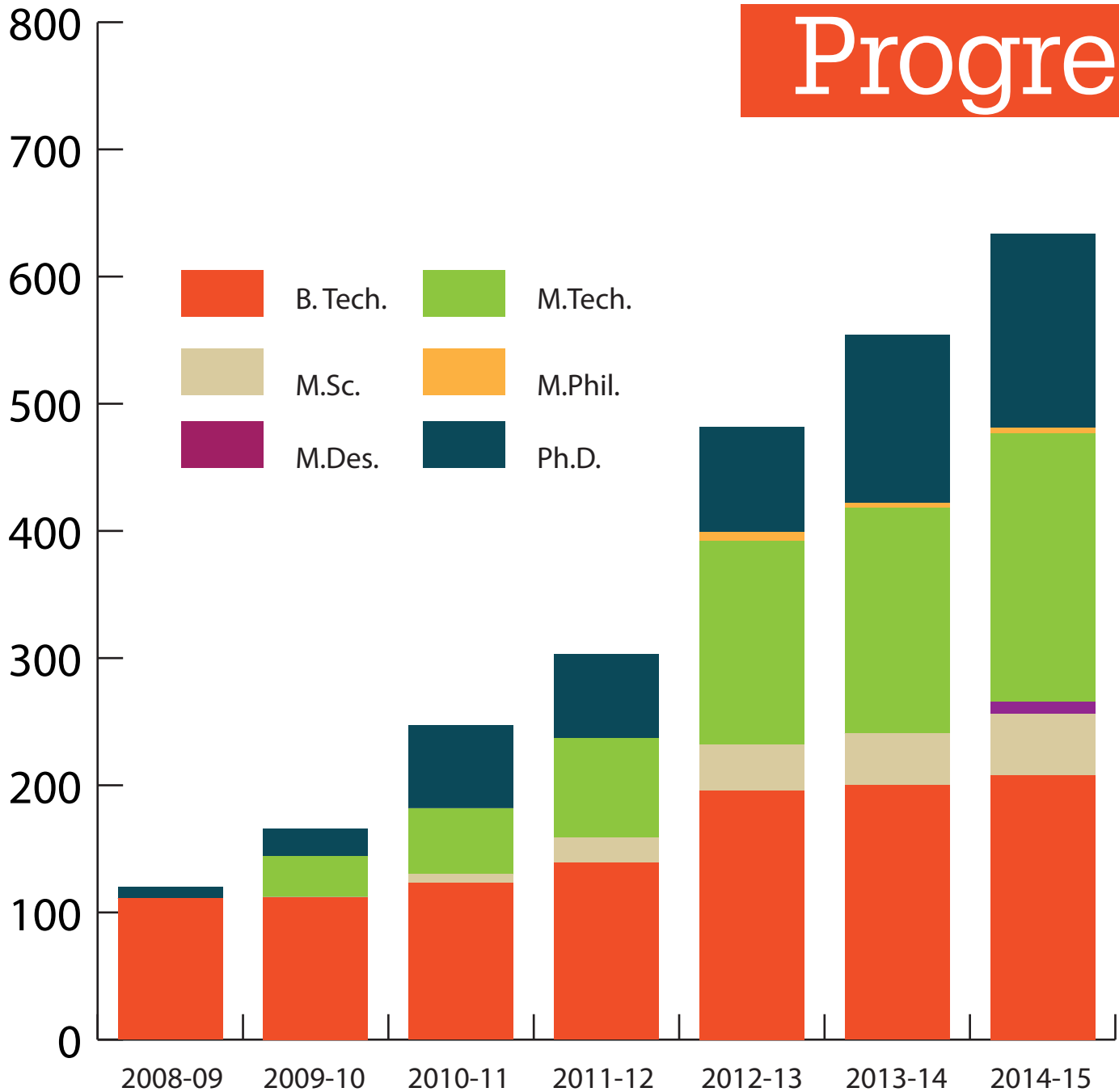Qualifying Test: Written Test/Interview

M.Des.:
Duration: 2 years
Thesis duration: 1 year
Qualifying Test: CEED (Common
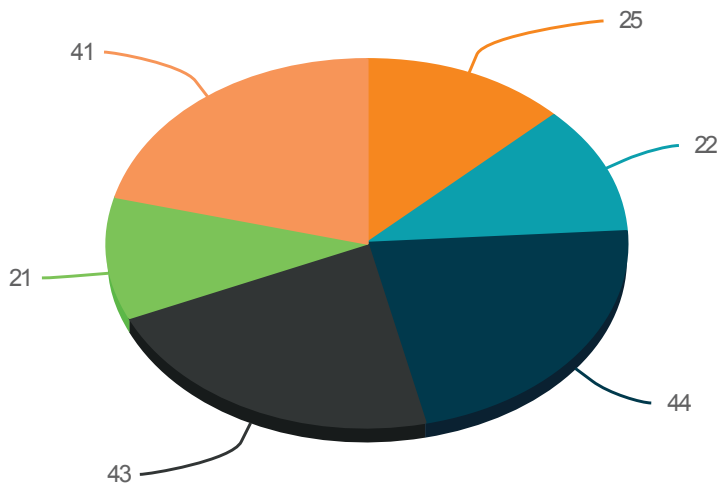Entrance Examination for Design)

Doctoral Program

The Ph.D. program gives an opportunity for enthusiastic researchers to take up open-ended research problems. Both computational and experimental work addressing scientific and engineering complexities and concepts are undertaken to meet the needs of the industry and academia alike.

Selection: Students with good academic background are admitted into the program through a rigorous interview. Assistantship for regular PhD students is provided by MHRD.
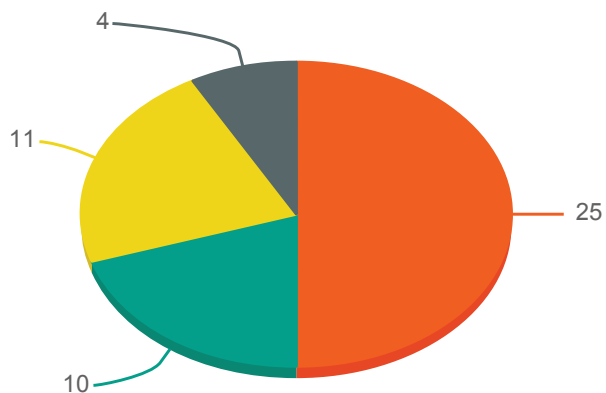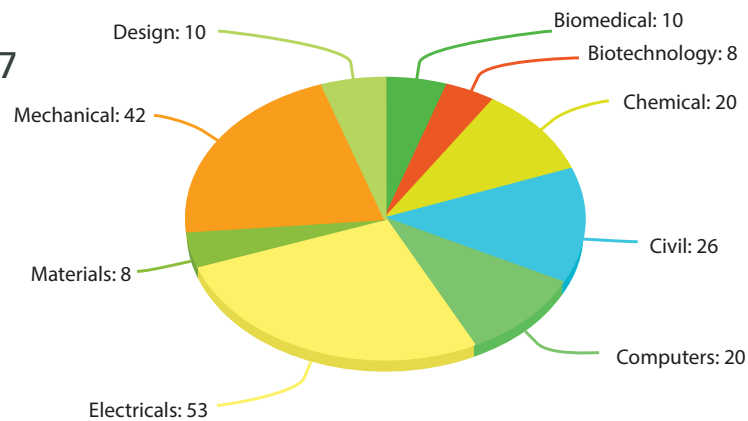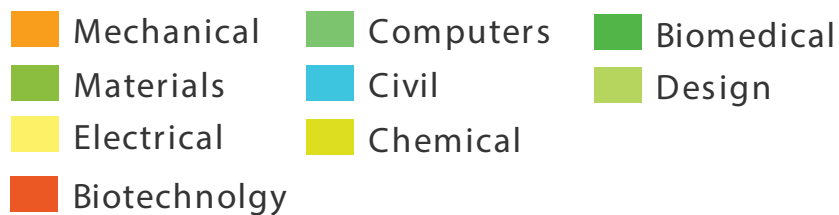
Academic Progress

Legend:
- B. Tech.
- M.Tech.
- M.Sc.
- M.Phil.
- M.Des.
- Ph.D.

Year	
2008-09	
2009-10	
2010-11	
2011-12	
2012-13	
2013-14	
2014-15	

Brief Profile

Strength of graduating B.Tech students in 2016(Tentative list): 196

- Chemical — 25
- Civil — 22
- Computers — 44
- Mechanical — 41
- Electrical — 43
- Engineering Science — 21

Strength of graduating M.Tech students in 2016: 187

Legend:
- Mechanical
- Computers
- Biomedical
- Materials
- Civil
- Design
- Electrical
- Chemical
- Biotechnolgy

Data labels:
- Design: 10
- Biomedical: 10
- Biotechnology: 8
- Chemical: 20
- Mechanical: 42
- Civil: 26
- Materials: 8
- Computers: 20
- Electricals: 53

M. Sc.: 46
M. Phil.: 4

- Chemistry — 25
- Mathematics — 10
- Physics — 11
- Liberal Arts — 4

Faculty & Students

Elite, with the right mix of experience and youth. They are zestful, energetic and creative and share a common goal to put IITH on the international map as a technology hub. Students to faculty ratio of 10:1 ensures close interaction between the students and faculty. Most of them with research and/or industrial experience from reputed foreign/ national research laboratories. Involved in cutting-edge research with major publications in reputed international journals. Advises both industry and government organizations through consultancy projects. The faculties are also involved in Out Reach Courses which include short courses for the industry professionals. Furthermore, workshops are held under Technical Education Quality Improvement Programme (TEQIP).

Not simply academically brilliant, but also national & international scholarship awardees. They are nationally recognized chess players, Olympiad winners, NTSE (National Talent Science Examination) and KVPY (Kishore Vaigyanik Protsahan Yojana) Scholars, etc. who have a proven record of excellence & precociousness even before their entry into the Institute. Awarded with various scholarships like TODAI (scholarship from the University of Tokyo in association with Mori Seki Company Limited, IMCM (Institute Merit–Cum-Means).

Departments
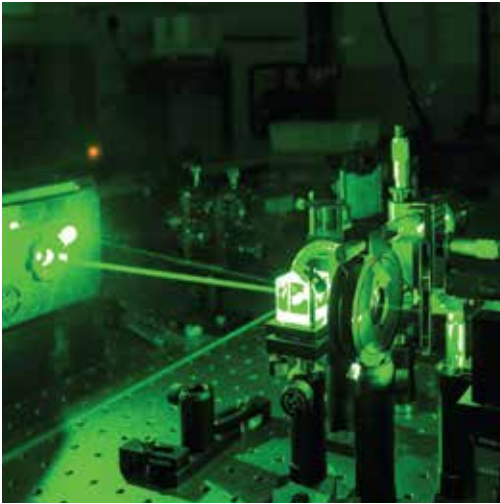
Biomedical Engineering

The Biomedical engineering at IIT Hyderabad is where the boundaries between disciplines fade for defining excellence in research and education. The primary mission of the department is to foster interdisciplinary work of highest quality by bringing together a broad spectrum of faculty expertise under a single umbrella to focus on research in Biomedical engineering. The department currently offers M.Tech and PhD programmes in Biomedical Engineering. The M.Tech programme at IITH envisages an integration of engineering and the life sciences towards innovative development in Biomedical engineering and translational health care. Students undergo an intensive course and laboratory work for two semesters followed by research project for two semesters. The students are exposed to advanced courses in biomedical engineering like biomedical devices, imaging, Lab on a Chip biosensors, biomaterials, Brain–Machine interfaces, stem cells, nano and regenerative medicine.

Website:http://biomed.iith.ac.in

Biotechnology

The department of Biotechnology has five faculty members with cutting-edge research expertise in areas encompassing: HIV integration, Cancer biology, NMR, Structural Biology, DNA Repair, and Amyloids & Prion protein biology. Currently two post graduate degree programs are offered: M.Tech in Medical Biotechnology & PhD in Biotechnology. The department's laboratories are well-equipped with advance research infrastructure and equipment such as: Flow-cytometer, Fluorescence microscope, Multi-mode readers, High speed & Ultracentrifuges, Cluster, Spectrophotometer, Nano-drop reader, Cell & microbial culture facilities, etc. The M.Tech students take advanced courses in the first two semesters followed by research work for thesis in any of the above mentioned research fields. Furthermore, the M.Tech students are trained to improve their presentation skills through seminar courses and scientific writing skills through independent research proposal writing.

Website:http://biotech.iith.ac.in

Chemical Engineering

The Department of Chemical Engineering at IITH offers B.Tech, M.Tech and Ph.D. programs. Over the last 5 years the department acquired state-of-the-art infrastructure for performing research that cuts across the boundaries of conventional chemical engineering. The department's research focus falls into six areas with numerous funded projects; each of them remarkable for its sheer depth. Tremendous focus is given in shaping the curriculum that imparts our undergraduate students with strong theoretical foundation and hands-on experience for solving real world problems. At the post-graduate level, more emphasis is given to honing a student's research skill for practical applications.

Our research interests span Fuel Cell Technology, Catalysis and Reaction Engineering, Computational Fluid Dynamics, Nanotechnology, Mineral Processing, Drug Delivery, Polymers, Haemodynamics and Haemostasis, Process Control and Molecular and Cellular Bioengineering.

http://che.iith.ac.in

Chemistry

The Department of Chemistry, since its inception in 2008, has been actively engaged in research activities in frontier areas of Organic, Inorganic and Physical Chemistry, as well as catering to the needs of the undergraduate programme of IIT Hyderabad. At present, there are 50 research scholars in the department pursuing PhD and 38 students in the two year M. Sc. programme who are mentored by ten faculty members. The first batch of M.Sc. students graduated in 2012. The department also has several sponsored projects in diverse areas of Chemistry. Fifteen PhD scholars have been graduated in 2014-15.

The department, has over the period, established state of the art research facilities that include 400 MHz NMR, BET Analyser, GC, Raman Spectrometer, Glove Boxes, TOC-, CHN- Analysers, XRD, ICP, HRMS, CD, ESR, GC-MS, HPLC, TGA and many more sophisticated set-ups. The department is also equipped with necessary infrastructure for carrying out wet chemical syntheses or related experimentation, at undergraduate and postgraduate level. The curriculum for the undergraduate and postgraduate students is comprehensive and it ensures that the students gain a deeper understanding of the fundamentals in core areas of Chemistry. The post graduate students, in particular, undergo a rigorous training as they are exposed to latest instrumentation techniques and synthetic methodologies. As part of the curriculum, M.Sc students undertake a research project during the last two semesters, which enables them to adapt to any advanced research or educational programme with considerable ease and dexterity. Our aim is to produce highly sought after and knowledgeable graduates for pursuing careers with academia, industry and government.

Website: http://chemistry.iith.ac.in/

Civil Engineering

The Department of Civil Engineering offers B.Tech. and M. Tech. degrees. M. Tech. covers infrastructure systems with a specialization in structural and soil systems. The curriculum for the programme ensures proficiency in classical areas of Structural and Geotechnical Engineering with sufficient depth of coverage within each area. Students graduating from the programme are provided exposure to the latest analysis and design softwares such as ABAQUS, STAAD Pro, ANSYS, ZenCrack, FLAC 3D, PLAXIS 2D/3D and GeoStudio Professional, in a state-of-the-art computational facility. Students are also required to do a research-based Master's thesis on a topic of current relevance to development of physical infrastructure in India. The Civil Engineering Department has a world-class faculty with education and training from the best Universities in India and abroad. Active research is currently on-going in the areas of structural Strengthening, Improved Road and Rail Performance, Ground Improvement, Soil-Structure Interaction, Recycled Material for Construction and Development of Advanced Computational Techniques.

http://civil.iith.ac.in/

Computer Science and Engineering

The Department of Computer Science and Engineering (CSE) at the Indian Institute of Technology, Hyderabad (IITH) offers B.Tech, M.Tech (including a specialization in Information Security and Data Sciences) and Ph.D. programs. The CSE Department at IITH comprises 12 young faculty members (with several adjunct faculties from reputed academic and industry backgrounds), who are actively engaged in research areas, including theoretical computer science, algorithms, graph theory, networking, distributed systems, compilers, machine learning, image/video processing and big data analytics. The faculty also have large sponsored research projects in the application domains of cyber-physical systems, disaster management and big data analytics. The department has risen in stature over its short existence. It also has a sound placement record with top hiring companies in recent years including Google, Amazon, Microsoft, IBM, etc.
To know more about the department and research interests of the faculty,please visit

http://cse.iith.ac.in/

Department of Design

Design is the youngest of academic disciplines to be hosted by IIT Hyderabad. It comes into being through post-graduate studies in the form of Master of Design (M.Des. in visual design) and PhD in Visual Design. The M.Des is a two year full-time program aiming to provide broad-based understanding of design along with student-driven specialization in varied domains. Beginning with a M.Des in Visual Design (began in July 2014) focusing on experiencing the world based on what and how our eyes see, the post-graduate studies intend to diversify into other domains like user-interface design, moving images, contemporary photography, design education, design for well-being, collaborative design, urban environments, managing creative industries, and mobility design. PhD in Design (began in July 2014), provides a platform to pursue practice based and practice led research in art, design, culture, creative practices and related areas. The doctoral program aims to retain and bring the practice-oriented spirit into research in/through/on design, beside other more traditional modes of doing research in design. The department envisions to creatively engage in the space between technologies and people. This involves engaging in the key

emergent areas such as: enabling of rights-based and equitable development work, user operated technologies, participatory and collaborative design, professional ethics/sustainability, product systems and services, design and education, wellness and crowd sourced design.

visit http://design.iith.ac.in/

Electrical Engineering

The department of Electrical Engineering at IIT Hyderabad offers programs in B.Tech, M.Tech and Ph.D. The department consists of 18 faculty members, 165 B.Tech, 75 M.Tech, and 35 Ph.D students. The department comprises of a diverse group of faculty members with varied research interests and has produced more than 150 research publications in internationally reputed journals, and conference.

The department has sponsored research worth more than 35 Crores. Most of the faculty research areas are a healthy mix of traditional Electrical Engineering and interdisciplinary research. Major areas of faculty expertize will include Microelectronics and VLSI, Communications and Signal Processing, Power Electronics and Power Systems, Systems and Control. Some of the most emerging research fields will include 3-D IC's, 3-D MEMS, Micro/Nano electronics and fluidics, Cooperative Communication, Speech and Multi-media Signal Processing, Source Coding, Space-Time Coding, Information Theory, Cognitive Radio/Radar, Cyber Physical Systems, Image and Video quality Assessment, Green ICT(micro grids, sensor networks), Power Systems and Electronics, Identification and Estimation, Fault Diagnosis, Micro Grid/ Smart Grid, Advanced Control Applications, Statistical Process monitoring and Control. The department has risen in stature over its short existence.

visit http://ee.iith.ac.in/
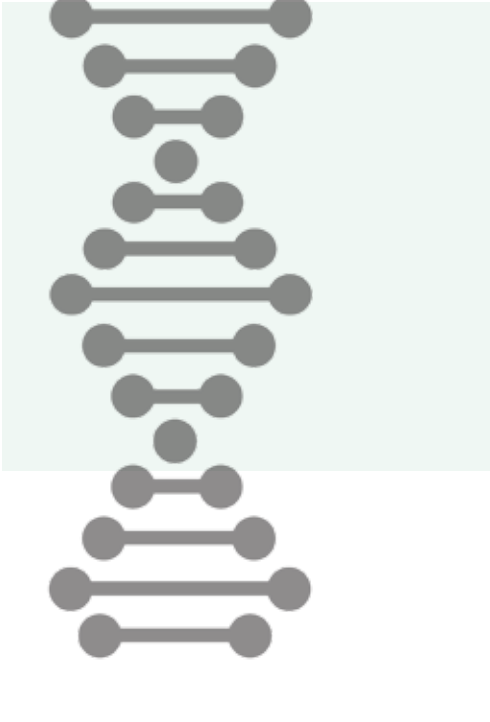
Engineering Science

Engineering Science is a unique interdisciplinary B. Tech. program started at IIT Hyderabad for the first time in 2012. It focuses on the 'T-EDUCATION' model where the horizontal line in T corresponds to breadth while the vertical line corresponds to the depth. We take 25 students per annum for this program. For the first two years of this program students take courses from different departments such as Computer Science, Electrical, Mechanical, Chemical, Civil, Material Science, Maths, Physics and Chemistry. They select their core branch in their 3rd year as per their preference and continue to specialize. This 'T' based model gives a holistic perspective in engineering education. We believe that the graduates from this program will excel in any organization because of their strong multidisciplinary background.

visit http://es.iith.ac.in/

Liberal Arts

The Department of Liberal Arts at IIT Hyderabad is a leading center for the study of a highly diverse range of subjects, including Anthropology, Cultural Studies, Economics, English, Sociology and Fine Arts. Unique in its constitution and vision, the department of Liberal Arts at IIT Hyderabad strives to pursue excellence in teaching and research to benefit students, academics and the wider society. The primary focus of the Department of Liberal Arts at IIT Hyderabad is to produce world-class research in the broad fields of humanities, social sciences. The broad areas of ongoing research in the department are Economic growth, Macroeconomics, Monetary economics, International finance, Gender studies, Cultural studies, Clinical Psychology, Positive Psychology, Literary Theory, Rhetoric and Composition, Modernist Fiction, Literature and the Visual Arts, Health Psychology, Psycho-oncology, Cultural Psychology, Indigenous Healing, Medical Anthropology, Anthropology of the Media, Sculpture, Painting, and New Media Art. With a congregation of excellent faculty having expertise on a diverse range of subjects, Liberal Arts at IIT Hyderabad is devoted toward the development of teaching and research that has both academic and practical relevance. The department of Liberal Arts offers academic programs for PhD, M.Phil. and Minor Economics. It also offers LA elective to B.Tech program.

Materials Science and Metallurgical Engineering
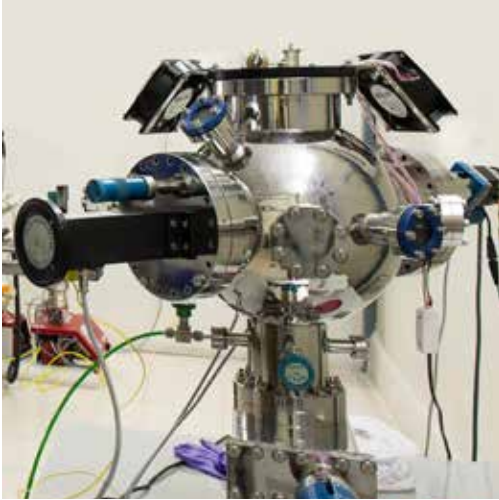
The teaching and research philosophy of the department is to impart the students with the understanding of the interplay between the major aspects of materials science, namely, composition, structure, processing, characterization and properties and equip them to develop innovative technologies based on sound fundamental principles. At present, the Department of Materials Science and Metallurgical Engineering offers B. Tech., M. Tech. and PhD programmes having courses in areas of physical and mechanical metallurgy, thermo-mechanical processing, powder metallurgy, electron microscopy, computational materials science, nanomaterials synthesis and characterization, thin films and devices, polymers and soft materials, bio and energy materials. The theoretical courses are supplemented by carefully designed laboratory courses which introduce the students to the various experimental nuances of processing and synthesis of materials, characterization and properties evaluation. The department has several state of the art laboratories such as X-materials Innovation Hub, Advanced Structural and Functional Materials research laboratories equipped with advanced and state of the art equipment suitable for teaching, research and innovation. The department regularly organises invited lectures, delivered by scientists and researchers of global repute from academia and industry, to expose the students to the cutting-edge R&D activities.

Website: http://msme.iith.ac.in/

Mechanical and Aerospace Engineering

The Department of Mechanical Engineering offers an undergraduate (B. Tech.) and two post-graduate (M. Tech. and PhD) programmes. The department has a dynamic undergraduate curriculum which integrates the teaching of engineering science fundamentals along with modern industrial practices. At the post-graduate level, the emphasis is on developing research skills for industrial applications (M. Tech.) and in fundamental areas (PhD), after giving students a strong foundation of course-work. From its inception, the department has attracted a rich and diverse set of talented faculty. Major areas of faculty expertise include Acoustics, Dynamics and controls, Mechatronics, MEMS, NEMS, Linear and Nonlinear Vibrations, FEM, Fracture Mechanics, Contact Mechanics, Bio Mechanics, Composites, Impact Mechanics, Process Modeling and Optimization, Manufacturing, Rapid Prototyping, CNC Machining, Fluid Mechanics, Computational Fluid Dynamics (CFD), Thermodynamics, Combustion, and Multiphase flows.

Website: http://me.iith.ac.in/

Mathematics

The Department of Mathematics envisions fostering in mathematical education and research, eclectic and excellence, well poised between abstraction and application. The Department wants to evolve into an internationally acclaimed center for interdisciplinary, and applicable mathematical research, supporting and complementing expertise extant in and around Hyderabad. Currently, the Department has nine faculty members pursuing active research in areas of Functional Analysis, Harmonic Analysis, Wavelets, Tomography, Compressive sampling theory, Fuzzy logic connectives, Approximate Reasoning, Machine Learning, Computational fluid dynamics, Functional approximation. The Department offers programs in M. Sc. ('Mathematics' and 'Mathematics and Computing') and PhD.

Physics

The Department of Physics is one of the most vibrant centers of learning in the campus. The theme of the department is to focus research at smaller scales and become an outstanding center for Physics in the next decade. At present the department has 13 faculty members in the areas of High Energy Physics, Condensed Matter Physics, Micro-Electro-Mechanical Systems (MEMS), Ultra fast laser spectroscopy, Statistical and Biological Physics. The department offers PhD, M. Sc. and B.Tech. (Engineering Physics) programs. It has already established several research labs (Advanced Functional Materials Lab, MEMS Lab, Magnetic Material and Device Lab, Nanomagnetism and Microscopy Lab, Advanced Detector Lab, Materials Design and Simulations Lab) apart from the B. Tech. and M.Sc. labs, and plans to establish a Computational Nano-Science Lab, a Physics –at-Small- Scales Lab and a Laser & Photonics Lab. It plans to offer an integrated PhD program in Physics and an interdisciplinary M. Tech. program in Nano-Science & Technology.

Research and Development

Patents and Publications

The very foundation of IIT Hyderabad is based on research and innovation. The culture of research is inculcated in the undergraduate students in the first semester itself by introducing a one credit independent project, where the students execute a project of their choice in small groups irrespective of their branch. Heavy emphasis is given to the thesis component of the post-graduate programs. The vibrant research culture is evident from the number of patents and publications IITH has. Till date IITH has 910 peer-reviewed publications and 14 patent applications. Considering that institute is very young and has only 143 faculty members, these numbers speak volumes about the quality of academics and research at IITH.

Research Endeavor

Every research endeavor is a voyage to discover truth and IITH is committed to promote this voyage in India. It aims at learning through practice and research. The Institute is on its way in creating the infrastructure, ambiance and culture necessary for the pursuit of creative ideas.

Innovative Initiatives

The conventional engineering skills are no more sufficient to address the problems of today's fast changing society. At IITH students are given with a plethora of choices, which they diligently choose with the help of a faculty advisor. Courses that last for a semester are almost a foregone story at IITH. From last academic year onwards all undergraduate programs started offering courses that are of smaller credits; called the fractal academics; very carefully designed to keep the enthusiasm of the students and to keep them in pace with the state of the art from 1st semester till 8th semester.

Another academic initiative at IITH is the double major. In addition to the requirements from the parent branch, a student can get a major from another department by successfully completing 24 core credits. The options for a minor and honour's degree also exist on top of double major. Moreover, the flexibility of the curriculum at IITH allows an enthusiastic student to credit any number of courses from the spectrum of lectures offered at IITH.

Student Life

A healthy campus life plays a pivotal role in the all-round development of the students. Along with the intense academic schedule and brain-storming class hours, the students of IIT Hyderabad indulge in extensive sporting action.

Elan

The Technical-cum-Cultural Festival of IIT Hyderabad is the best exhibition of the management and organizational skills of the students. The event is very popular among the students all over the state, whose active participation in cultural, technical and literary competitions and also international recognition has made it a grand success.

Gymkhana

The Student Executive body called the 'Gymkhana' is a student governed body headed by a President, who along with the council, ensures smooth functioning of all the student affairs.

Entrepreneur-Cell

E-Cell is a group of entrepreneurs and seeks to solve real life problems and come up with really innovate and cool designs as a solution for the same.

ηvision

Started in 2011, ηvision is the techno-management fest organised by the students of IIT Hyderabad with a motto of providing a platform to the technical enthusiasts of our country to explore, innovate and showcase their technical and engineering prowess. Over the past 3 years , ηvision has gradually evolved from an inter college festival to one of the recognised techno-management fests of our country.

CLUBS

National Service Scheme (NSS)

National Service Scheme (NSS) at IITH is aimed at providing each student with a significant context in which he/she can reach a deeper understanding of social reality in India today. As a part of this, the students visit nearby schools and hospitals to assist the government authorities in their leisure.

Sports

IIT-Hyderabad provides full-fledged facilities for all outdoor sports. A well-equipped Gymnasium and regular practice has shown great results at Inter-IIT sports meets.

Clubs Activities

Clubs are the integral part of any college. The radical students of IIT Hyderabad have also formed many significant clubs like Sci-tech. Clubs which include Kludge, Infero, Electronica, Cepheid, Endeavour, Torque, Robotics along with the colorful Cultural Clubs enlisting Gesture, Movie Club, Photography Club, Rang de manch,Vibes. Regular cultural rendezvous have transformed the student community into a happy family where all major festivals are celebrated with pomp and gaiety. The Night-Life revolves around the various workshops and competitions conducted by numerous student-managed clubs. To sum it up, life at Indian Institute of Technology Hyderabad is the IIT experience lived king size.

Our Collaborations

Indo-Japan Collaboration

IIT Hyderabad has active collaboration with Japan. This involves joint research projects, exchange of faculty and students with premier Japanese institutions like University of Tokyo, Keio University, Osaka University for joint PhD and Master's guidance, establishment of innovation hubs, collaborations with globally respected Japanese companies, Todai-IIT & JENESYS Scholarship Programme, Hitachi-IITH Lecture Series and in future, some infrastructure development on the main campus.

Other Collaborations

In today's global economy, all leading academic institutions strive on international collaborations. With more and more inter and multi-disciplinary research that is required to solve today's socio economic problems, collaborations that cut across conventional research paradigm is indispensable.

IITH in the past couple of years has been highly successful in building tie ups with leading academic institutions around the globe. IITH enjoys a very special relationship with Japanese Universities and Industries that goes beyond academic and research collaborations. In fact some of the ionic buildings in IITH campus will carry the signature of Japanese architecture. Till today, IITH has signed a good number of MoUs between various Japanese Universities and Industrial R&D units.

The activities range from student and faculty exchange to research collaborations. Similar agreements have been signed Australian (two), European (two) and Scandinavian (one) Universities. In addition to the research and academic collaborations with leading US (11 Nos.), Japanese (11 Nos.) and Indian (13 Nos.) universities and industries, IITH is also host to many study abroad programs, where students from abroad universities spend anywhere between 2 weeks to 2 months at IITH participating in various activities involving lectures, workshops and site visits. This relationship aims at enhancing the technological, social and cultural relations of both the countries. The study abroad internship promotes the learning and training of future graduates mainly in Asian countries and prepares them to become leaders or inspiring researchers in the international society.

Our Major Recruiters

1) ADAP
2) Akash Institute
3) Amazon
4) Aurobindo Pharma
5) Bank of America
6) Capgemini
7) CH2M Hill
8) Cummins
9) CWEIT
10) Cyient
11) Dell
12) Deloitte
13) DRDO
14) EATON
15) eDreams Edusoft
16) Flipkart
17) GGK Tech
18) HCL Technologies
19) HeroMotoCorp
20) Honeywell
21) HP
22) iMomentous
23) Informatica
24) KIIT
25) Kirby
26) L&T ECC
27) Mahindra & Mahindra
28) Mathworks
29) Mercedes Benz
30) Motivity Labs
31) MuSigma
32) Net Cracker
33) NFTDC
34) Paypal
35) Pega Systems
36) Polycom
37) Riktam Technologies
38) Snapdeal
39) Strands Life Science
40) Suresh Gyan Vihar University
41) Tata Motors
42) TCS
43) Teckzenith
44) UHG
45) Uurmi
46) Virtusa
47) Yahoo Japan
48) Zuti Engineering

Summer Internships

On an average more than 70% students have shown a keen interest in the internships which indicates their inclination to obtain a practical experience of the subject in the real time industry setting. We have some of the reputed companies and universities for the year's interns such as:

1) 3DPLM
2) ADP
3) Amazon
4) ANCONS
5) ARCL
6) Arizona State University
7) BHEL
8) Boeing Cyient
9) CD Adapco
10) Deloitte
11) DRDO
12) DRDL
13) Eicher
14) Frankly
15) Function Space
16) Goose Technologies
17) Hero MotoCorp
18) HSR Ventures
19) Innovaccer
20) JSW Steel
21) L&T Metro
22) Mercedes Benz
23) Microsoft
24) Osaka University
25) Philips
26) Purdue University
27) Salesforce
28) SiliconMentor
29) Smartron
30) Strand Life Sciences
31) Tata Consultants
32) Uurmi

Placement
2014-15

The placements of Indian Institute of Technology Hyderabad for the academic year 2014 – 2015 have yielded 156 offers for 315 registered students. A total of 110 companies had registered for the placement process. Out of them 49 have made it to the campus and interacted with the students of B.Tech, M.Tech. and M.Sc. across 14 departments. This year 60 new companies have made their entry to IITH. Reputed core companies like Yahoo Japan, Tata Motors, Cummins, CH2M Hill, Snapdeal, UHG were the names among the new comers. Companies like Yahoo Japan, Amazon, Paypal, Eaton were the top paying companies. The highest salary offered this year is 29 LPA and the average salary is 10 LPA. There were three international offers from Yahoo Japan. A good number of students from UG, PG and M.Sc. have opted for higher education in India & abroad.

A few major universities where our students have taken admissions:

Universities

1)   Columbia University
2)   ETH Zurich
3)   Georgia Institute of Technology
4)   Johns Hopkins University
5)   King Abdullah University of Science and Technology
6)   Kyoto University
7)   National University of Singapore
8)   New York Film Academy
9)   North Carolina State University
10) Purdue University
11) Rutgers University
12) University of California
13) University of Cincinnati
14) University of Cologne
15) University of Leeds
16) University of Michigan
17) University of Texas
18) University of Tokyo
19) University of Waterloo
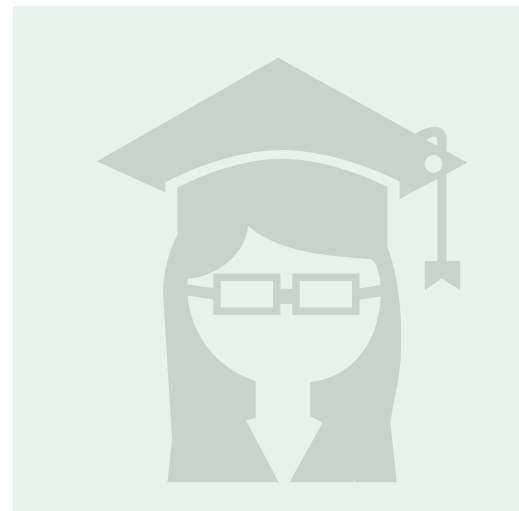
Campus Recruitment Process

1. Contacting Companies

2. Company Confirmations via ERF

Placement Presentation IITHyderabad
1.

3. Pre placement talks

4. Dates Confirmation for Final Hiring

2015

		Dec	

2016

Jan	Feb	Mar	Apr
May			

5. Campus Interviews

6. Job Offer

Map

The venue for the interview process would be intimated to the company as the schedule is finalized. The institute is currently in the process of shifting to its permanent campus.

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