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Message from Director :

To Prospective Students and Parents of IIIT-H

Congratulations on your academic achievements and thank you for your interest in International Institute of Information Technology Hyderabad. IIIT-H is a different institution; I want to briefly explain our core philosophy as you prepare to fill your choices for different programs.

The primary objective of education at IIIT Hyderabad is to impart a mature world-view and a long-term vision to the students. We do not strive to merely transmit technical skills or scientific knowledge that can fetch you an attractive job. We want each of our students to be a leader in his or her chosen area of work. The education here is designed to encourage students, including the bachelors students, to ask deeper questions about the subject, career, family, life, and society. Let us consider the skill of driving a car. Efficient driving that spends less fuel and reduces wear-and-tear needs a deep understanding of the scientific and engineering principles that govern automobiles. Such understanding will, however, not help you choose the right destination for your journey using the car. We want you as a student of IIIT-H to acquire the attitude that helps you choose the destination that is most fulfilling to you and keep that in mind during your studies at the institute and your career beyond it.

IIIT Hyderabad is a research university. We measure our success in terms of the research done at the institute and take pride in the impact we have on the society. Faculty and students at the institute work on several innovative technologies with large potential. These include language translation, speech recognition and synthesis, robotics, data mining, computer vision, VLSI, communications, information security, structural safety, energy-efficient buildings, computer-aided drug-design, etc. We believe that research can be done by the B.Tech students also. Those trained in research ask the harder and deeper questions about the subject area, well beyond what is needed for grades. B.Tech students can opt for strong research involvement and get an honours degree. UG research is an integral element of our design and the secret behind our success. Students keen to be researchers and product designers should consider our dual-Degree programmes. We also have dual degree programmes that link Computer Science with domains like Natural Sciences, Linguistics, and Humanities.

We have a friendly and conducive atmosphere at the institute that promotes extra-curricular activities and deep introspection besides academics. We want each student to think about your own mission and long-term impact in the world. We want you to find your own way, without any pressure from outside. We want everyone to feel welcome here. Financial assistance is given to those in need at IIIT-H. We are offering enhanced finance support from 2018 onwards, supported by the institute as well as the alumni. Bank loans are also available easily to those enrolled at IIIT-H.

If you long for a significant impact on the world through technology, then IIIT-H is the right institute for you. You will be expected to work hard here. If a deep commitment towards creating new ideas is your cup of tea, stride confidently through our portals for an exciting and fruitful journey. Don't choose your institution of study based on peripheral factors like percentage of placements or average starting salary!

P J Narayanan
Professor & Director
Message from Dean (Academics)

Dear applicant and parents,

We thank you for your interest in our academic programs. In a short span of 20 years our Institute has made its mark in the academic space with several innovations in curriculum across all of our programmes. These innovations will be felt by a fresh entrant at our Institute from day one be it in the types of courses on offer, the way they are taught or the freedom we offer for you to pursue your interests.

The Institute undertakes a major curriculum revision exercise every 10 years. The aim of this exercise is to keep abreast of the developments in the broad areas of Information Technology by introducing new courses and restructuring the whole framework that will enable not only mastery of what we know so far but enable a student to discover what is to come in the future. The incoming students will be the first batch that will be taught using the new curriculum framework.

Under the New Curriculum Framework, students have to earn 160 credits for a BTech degree, with the credits evenly spread out over 8 semesters. By doing additional 4 credits and with focused pursuit by way of projects and electives one can earn a BTech with Honours degree. In recognition of the fact that the boundaries between disciplines are fluid and students can have diverse interests, a vast majority of the credits to be earned have been designed to be via electives in the New Curriculum Framework. Thus, a CSE student can pursue robotics or modeling molecular dynamics while an ECE student can learn to design complex mechanisms, new sensors to design a connected world using IoT.

Our New Curriculum Framework has enough room for a student to understand the wider world via Humanities and Social Science courses and pursue questions about how technology and society interact and bring the insights to bear on the design and development new technologies.

We are excited to welcome young minds that can take themselves and our Institute to new heights. Hope to see you here soon.

Jayanthi Sivaswamy
Professor & Dean (Academics)
About Us:

Foundation:

The International Institute of Information Technology, Hyderabad (IIIT-H) is an autonomous university founded in 1998. It was set up as a not-for-profit public private partnership (N-PPP) and is the first IIIT to be set up under this model in India. The Government of Andhra Pradesh lent support to the institute by grant of land and buildings. A Governing Council consisting of eminent people from academia, industry and government presides over the governance of the institution.

Research

IIIT-H was set up as a research university focused on the core areas of Information Technology, such as Computer Science, Electronics and Communications, and their applications in other domains. The institute evolved strong research programmes in a host of areas, with computation or IT providing the connecting thread, and with an emphasis on the development of technology and applications, which can be transferred for use to industry and society. This required carrying out basic research that can be used to solve real life problems. As a result, a synergistic relationship has come to exist at the institute between basic and applied research. Faculty carries out a number of academic industrial projects, and a few companies have been incubated based on the research done at the Institute. A technology incubation centre, located at IIIT Hyderabad campus. T-Hub is a novel intervention of the government of Telangana to promote entrepreneurship in the state.

The two decade long work at IIIT-H has shown how an academic institute can build large research groups to carry out cutting edge research, and use it to solve real-life industrial and societal problems.

IIIT-H is organized as research centres and labs, instead of the conventional departments, to facilitate inter-disciplinary research and a seamless flow of knowledge within the Institute. Faculty assigned to the centers and labs conduct research, as well as teaching academic programs, which are owned by the Institute, and not by individual research centers.

Infrastructure:

The Campus
Our 66 acres campus, located on the main Gachibowli road (also called Prof. C.R. Rao Road) is well connected by public transport and is on the route for the proposed metro rail. We are surrounded by many academic and research institutions like the University of Hyderabad, Indian School of Business (ISB), TCS-CMC, Indian Immunologicals and Jawaharlal Nehru Institute of Banking & Finance (JNIBF), and is minutes away from the bustling HiTech City Center and Lingampally, which are major shopping areas. Lingampally is also the nearest railway station.

Within-campus facilities include a bank extension counter, ATM machines, stationary shop, photocopy, printing facilities and laundry services. The campus has been developed quite a bit since the institute was started in 1998. Presently the academic, administration & research labs are in four large 3-floor buildings and construction will be completed soon of a new 5-storey academic block, which will house more classrooms, labs, student workplaces and a bigger library.

**Labs**

The Institute has well-equipped, air-conditioned computer laboratories and common use workspace for the students. They contain the latest hardware and software. The average PC-to-student ratio is 1:2. All computers are part of an intranet (1Gbps Backbone), which connects all buildings, including the hostels; and a high-bandwidth internet via NKN is available round the clock. Researchers have 24 hours access to the computational facilities. The students administer their own computer systems. Research centers provide specialized, high-end equipment, as needed in research and
development projects. A common computational facility called Ada is also available for LAN facility is available in the hostels and wi-fi facility in the common areas of the campus.

The institute has two HPC (high performance compute) clusters, namely Abacus and Ada for running large-scale computations. These facilities provide the researchers with the cutting edge, stage of the art computational infrastructure enabling them to solve scientific and engineering problems in the areas of signal processing and communications, data engineering, computational chemistry and bioinformatics, natural language processing, image processing, computer vision and machine learning.

Abacus HPC cluster consists of 59 HP SL230s nodes and has a Rpeak of 14.1 TFLOPS. The nodes equipped with dual Intel E5-2640 processors are connected through Mellanox QDR Infiniband and Gigabit Ethernet. The cluster has a 40 TB Lustre file system and has a 44 TB RAID6 storage. Each compute node has 1.8 TB local scratch.

Ada HPC cluster consists of 42 Boston SYS-7048GR-TR nodes each with two Intel Xeon E5-2640 v4 processors, 128 GB of DDR4 RAM and four Nvidia GTX 1080 Ti GPUs. The nodes are connected through Gigabit Ethernet. The theoretical peak performance of Ada is 32.26 TFLOPS (CPU) + 1848 TFLOPS (FP32 GPU). The total storage available is 43 TB. Each compute nodes has a 1.8 TB local scratch and a 960 GB local SSD scratch.
The library has a large collection of reference books, text books, technical reports, standards, literature books and CDROMS. We subscribe over 80 Journals/ Magazines and e-Journals (≈ 1800). The library is being managed with fully integrated multi-user Library Management Software. Using this software, cataloguing and circulation services are being automated along with Online Public Access Catalogue (OPAC) facility.

**Digital Library**

A digital library is also maintained. It is an online archive of useful software, books and tutorials. Students can download any permitted software from this resource. There are many textbooks and reference books available in the digital format as well. Many lectures have also been recorded and are available online for students use. Most courses maintain an intranet site containing lecture slides and other course material. Recordings of important events and distinguished lectures are also kept available.

**Hostels**

IIIT-H is a residential institute and it is compulsory for all students to stay on-campus. Separate hostels for boys and girls are available on-campus with basic facilities. All the hostel rooms are networked and internet enabled.
Dining Facilities

Spacious and modern kitchens with steam cooking cater to healthy and nutritious food. Hygienic conditions are maintained. Campus has 5 vegetarian messes (North Mess, South Mess, Mixed Mess and Yuktahar Mess). The students are free to choose any mess of their choice. There is also a canteen which serves snacks, non-veg food and general fast foods. A three of cafeteria serve juices, milk products and snacks.

Sports and Recreation

A wide variety of sports and recreation facilities are also available in the campus. A strong culture of student participation in various sports is encouraged. The institute gives sufficient incentive for everyone to excel in any of the plethora of activities and skills available. Facilities are provided for cricket, volley ball, soccer, basket ball, table tennis, etc. We also have understanding with nearby stadiums for other sports facilities such as badminton, hockey, swimming, etc. Gymnasium facilities are available in hostel with a physical trainer. Apart from the common gym which is open for all residents, a separate mini gym is also provided for girls in the girls hostel.

Programmes and Opportunities

The Institute combines pioneering research with top class education. An innovative curriculum allows the student flexibility in selecting courses and projects. Students, even at the undergraduate level, get to participate in ongoing research and technology development - an opportunity unprecedented in India. As a result, a vibrant undergraduate programme co-exists with a strong postgraduate programme.

Recognizing that the goal of education is to develop a broad and humanistic outlook among students (and beyond), the Institute runs a unique human values programme at the undergraduate level. Regular faculty conducts the programme. Also, elements of the programme are made available to IIIT-H's postgraduate students, faculty and students at other universities and colleges, and any interested individual or organization.

In sum, the Institute offers students a unique environment that promotes culture, sports, societal contributions, art, self-governance and human values. It is also at the forefront of research that has the potential to make a major social impact.
Achievement and Awards:

2018

Faculty

- Prof. Vishal Garg received the Arthur H Rosenfeld Urban Cooling Award from the Global Cool Cities Alliance in California, USA. The Global Cool Cities Alliance (GCCA) has established an award to honor the legacy and impact of Dr. Arthur Rosenfeld's advocacy for cooler buildings, cooler cities, and a cooler planet. Dr. Rosenfeld was a founder of GCCA and a tireless advocate for building materials that improve thermal comfort and make a positive impact on global climate change.

- Dr. K S Rajan has been invited to be the Associate Editor of Journal of Indian Society of Remote Sensing (JISRS). It is the premier publication of the Society and has been in publication since 1973. Over the last decade, it became an international journal with Springer publishing and distributing it world over.

- Dr. K S Rajan, Lab for Spatial Informatics (LSI), Earthquake Engineering Research Center (EERC), Center for Open Software (COS) has been invited to be the Associate Editor of Journal of Indian Society of Remote Sensing (JISRS).

- Dr. Ashok Kumar Das, center for Security, Theory & Algorithmic Research (CSTAR) was promoted to Institute of Electrical and Electronics Engineers (IEEE) Senior Member. IEEE is the world’s largest technical professional organization dedicated to advancing technology for the benefit of humanity. As the world’s largest technical professional organization, IEEE offers a number of ways to get involved with technical and local communities. These communities are active participants in research and authorship, conferences, and important conversations about today's most relevant technical topics locally and globally.

- Prof. Vasudeva Varma, Dean RnD, Software Engineering Research Center (SERC), Language Technologies Research Center (LTRC) and Center for Innovation and Entrepreneurship (CIE) has been elected for the Association for Computing Machinery (ACM) India council. He will be its Executive Council Member from 1 July 2018 - 30 June 2022.

- Samyak Datta, Gaurav Sharma and Prof. C V Jawahar, Centre for Visual Information Technology (CVIT) were conferred Best Paper Award for their paper Unsupervised Learning of Face Representations at 13th IEEE International Conference on Automated Face and Gesture Recognition (FG 2018), Xi'an, China during 15 - 19 May.

- Dr. Jolly Thomas, Center for Exact Humanities (CEH) won the BM Matilal Logic prize for the year 2018. This prize is awarded biennially.

- Dr. Anoop Namboodiri, Centre for Visual Information Technology (CVIT) won the Best Paper Award (Silver) for his work on Semi-Adversarial Networks: Convolutional Autoencoders for Imparting Privacy to Face Images at the 11th IAPR International Conference on Biometrics (ICB 2018), Gold Coast, Queensland, Australia.

- Dr. Shatrunjay Rawat, Center for Security, Theory and Algorithmic Research (CSTAR):
  - chaired the combined committee for curriculum for Polytechnic (Diploma) in
- renominated for CAG’s Audit Advisory Board for the state of Telangana for the period 2017-19.

- Prof. P J Narayanan appointed institute’s Director for a second term for a period of another five years by the Governing Council of IIIT-Hyderabad. He will be heading the institute till April 2023.

Students

- Team VidyutVanika, a collaborative team between TCS and IIITH came second in the PowerTac 2018 competition. The team consisted of Susobhan Ghosh (student), Dr. Sujit Gujar, Dr. Praveen Paruchuri from IIIT-Hyderabad and Dr. Easwar Subramanian, Dr. Sanjay Bhat from TCS.

- Salghuna Nair, Ph.D student working under the supervision of Dr. Ramachandra Prasad P. Earthquake Engineering Research Center (EERC), Lab for Spatial Informatics (LSI) won the best paper and best contribution among young researchers for their paper A surrogate approach of identifying Artocarpus heterophyllus species of Attappadi forest, India at the AIT2018 - the IX Conference of the Italian Society of Remote Sensing, Florence, Italy during 4 - 6 July. Salghuna received 300 Euros as prize money.

- Mayank Agrawal’s research under the supervision of Dr. Kavita Vemuri, Cognitive Science Lab (CogSci) and Center for Innovation and Entrepreneurship (CIE) was awarded the Best Poster Award for his work on A Heterogeneous traffic virtual-reality simulator to study irritation/anger and driving behaviour under adverse conditions at the 32nd British Human Computer Interaction (HCI) Conference from 2 - 6 July at Belfast, Northern Ireland, UK.

- Sreeja Kamishetty, M.S student in Computer Science working under the supervision of Dr. Praveen Paruchuri, Data Sciences and Analytics Center (DSAC), Machine Learning Lab (MLL) has been selected for the Google student retreat in London. Google Students Retreat is a three day event for students to connect with each other, develop their skill set and gain unique insights at Google. Google Students Retreat is from 7 - 9 August at Google London Office.

- IIIT-H Team TooWeakTooSlow - Tanuj Khattar (4th year B.Tech - CSE), C. G. Vedant (4th year B.Tech - CSE) and Rajas Vanjape (4th year CSD-Dual Degree) - have qualified for the World Finals of the ACM-ICPC programming competition to be held in Beijing, China on 19 April 2018.

- Avijit Dasgupta, a second year Ph.D student won the Google India Ph.D. Fellowship for Machine Perception, Speech Technology and Computer Vision. Avijit is pursuing his research in computer vision and machine learning under the joint supervision of Prof. C V Jawahar, IIIT-Hyderabad and Dr. Karteek Alahari, INRIA, France.

International

- Praveen Krishnan, Katrik Dutta and C. V. Jawahar won the Nakano best paper award for their paper Word spotting and recognition using deep embedding at DAS. This was the 13th edition of the IAPR International workshop focusing on system-level issues and approaches in document analysis and recognition held at Vienna from 24-27 April.
Faculty

- Prof. Ramesh Loganathan, Software Engineering Research Center (SERC) received the Telangana State Award for championing the cause of start-ups.
- Prof. C. V. Jawahar, Center for Visual Information Technology (CVIT)
  - received the IAPR Fellowship in December 2016 at the International Conference on Pattern Recognition (ICPR) Conference, Cancun, Mexico.
  - Amazon Chair Professor for a period of five years starting from July 2016.
  - Outstanding Reviewer of CVPR 2017.
- Prof. Vishal Garg, Center for IT in Building Science (CBS) was elected as a Fellow of Indian Green Building Council (IGBC).
- Prof. P. J. Narayanan, Centre for Visual Information Technology (CVIT) received the INAE Fellowship in December 2016.
- Dr. U. Deva Priyakumar’s INSA Young Scientist grant got renewed for second year.
- Prof. Pradeep Kumar Ramamcharla, Earthquake Engineering Research Center (EERC) has been appointed as Chairman of IAStructE "Indian Association of Structural Engineers", Telangana State Centre.
- Prof. Nand Kishore Acharya was awarded the "Mahatma Gandhi Sahitya Samman" for 2016 by the Uttar Pradesh Hindi Sansthan in recognition of his writings on Mahatma Gandhi. The award consists of a citation and a cash reward of Rs. 4 lakhs.

Students

- G. Ramya, Center for Computational Natural Sciences and Bioinformatics (CCNSB) was awarded DST Women Scientist Fellowship.

International

- Harish Yenala and Dr. ManojChinnakotla, Adjunct Faculty and Applied Scientist, Microsoft were conferred Best Paper Award at The Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD)2017 Jeju, South Korea for their paper Convolutional Bi-Directional LSTM for Detecting Inappropriate Query Suggestions in Web Search.
- Srishti Srivastava, Team Lahoo was chosen as a participant of the delegation to Isreal for Innovation Competition for Indian start-ups.
- G. Drushti Apoorva and Prof. Radhika Mamidi, Natural Language Processing – Machine Translation (NLP-MT) won the best student paper award for their paper - BolLy: Annotation of Sentiment Polarity in Bollywood Lyrics Dataset at the 15th International Conference of the Pacific Association for Computational Linguistics (PACLING), in Myanmar during 16 – 18 August.
**National**

- Sneha Jain, MS by Research student from Building Science Research Centre (BSRC) received a Building Energy Efficiency Higher & Advanced Network (BHAVAN) Award 2018 from the Department of Science and Technology (DST), Government of India and the Indo-US Science and Technology Forum (IUSSTF).

- Charudatt Pachorkar, Meher Chaitanya, Dr. Kishore Kothapalli, Center for Security, Theory & Algorithmic Research (CSTAR) and Debajyoti Bera won Best Paper Award for their paper "Efficient Parallel Ear Decomposition of Graphs with Application to Betweenness-Centrality" at the 23rd Annual International Conference on High Performance Computing (HiPC), 2016.

### UG Admission Modes

<table>
<thead>
<tr>
<th>Name of Mode of Entry</th>
<th>JEE</th>
<th>DASA</th>
<th>UGEE</th>
<th>LEE</th>
<th>SPEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requirement</td>
<td>Joint entrance exam (JEE)</td>
<td>SAT, SAT (subject)</td>
<td>Under Graduate Entrance Examination (UGEE)</td>
<td>Olympiad</td>
<td>Lateral entry exam (LEE)</td>
</tr>
<tr>
<td>Degree Program Eligibility</td>
<td>BTech (single degree)</td>
<td>Single and Dual degree</td>
<td>BTech and MS by Research (Dual degree)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Disciplines</td>
<td>CSE, ECE</td>
<td>CSE, ECE, CSD, CND, CLD</td>
<td>CSD, ECD, CND, CLD</td>
<td>CSD, CND, CLD</td>
<td>CSD, ECD</td>
</tr>
</tbody>
</table>
Admission Modes:

Undergraduate Admissions:

There are 6 modes of admissions. They are:

1. Special Channel of Admission (SPEC)
2. Under Graduate Entrance Exam conducts by IIIT-H (UGEE)
3. JEE (Main) score
4. Olympiad
5. Direct Admission for Students Abroad (DASA) based on SAT & SAT subject test scores
6. Lateral Entry to Five Year Dual Degree Research Programmes in CSD/ECD

1. Special Channel of Admission (SPEC) : A Special Channel of Admission is being introduced from this academic year for single degree B.Tech (ECE/CSE) programs. This channel is aimed at identifying students with extraordinary talent or background.

There are 20 seats sanctioned (ten each) for the following :

[CSE] Bachelor of Technology in Computer Science And Engineering

[ECE] Bachelor of Technology in Electronics and Communication Engineering

Eligibility :

1. 12th class or equivalent with Maths, Physics and Chemistry. and any one of the following :
2. Students who qualified for the UDAAN scheme of CBSE
3. Students in integrated six-year 12th + B.Tech program after 10th class

Selection Criteria :

1. Shortlisted candidates will be called for the online written test (Fully computer-based)
2. Shortlisted candidates based on the performance in written test will be called for interview.
3. The final selection is based on the overall performance of the applicant.
2. Under Graduate Entrance Exam conducts by IIIT-H (UGEE):

Admissions will be based on performance in an entrance examination and an interview, both conducted by IIIT-H. The exam is to be held in the month of April every year across multiple cities. Shortlisted candidates from this exam will have to clear an interview to get admitted. Normally, online application portal open’s in the month of February every year.

Dual Degree Programmes

1. [CSD] Bachelor of Technology in Computer Science and Engineering and Master of Science in Computer Science and Engineering by Research
2. [ECD] Bachelor of Technology in Electronics and Communication Engineering and Master of Science in Electronics and Communication Engineering by Research
3. [CND] Bachelor of Technology in Computer Science and Master of Science in Computational Natural Sciences by Research
4. [CLD] Bachelor of Technology in Computer Science and Master of Science in Computational Linguistics by Research

Eligibility for CSD, ECD, CND and CLD programmes:

- Class 12 or equivalent qualifying Examination with an aggregate of 60% marks in Maths, Physics and Chemistry.

Sanctioned Number of Seats:

- CSD : 35, ECD : 25, CND : 15, CLD : 15

3. JEE (Main) Score:

Admission Criteria: Admission into Undergraduate Engineering Programs at IIIT-H will be based on the performance in the Joint Entrance Examination (JEE) Main and with class 12 or equivalent qualifying Examination with an aggregate of 60% marks in Maths, Physics and Chemistry. The selection will be based on the JEE (Main) score by online round-wise counseling process. Normally, online application portal open’s around March/April every year.

Programmes Offered

Four Year Programmes

1. [CSE] Bachelor of Technology in Computer Science And Engineering
2. [ECE] Bachelor of Technology in Electronics and Communication Engineering
Criteria of selection:

- JEE (Mains): Total Marks
- First tiebreaker: Mathematics marks
- Second tiebreaker: Physics marks

Sanctioned Number of Seats:

- Computer Science Programs (CSE): 90
- Electronics and Communications Programs (ECE): 60

4. Olympiad:

Students who have been selected for training in Informatics, Science, Mathematics and Linguistics to represent India in the International Olympiads during class XI and XII are eligible under this mode.

The eligible candidates can apply through online portal to appear directly for interview (without an entrance examination) for admission into one of the Dual Degree programmes. The interview schedule would be sent to the corresponding candidate(s) on their registered Email ID(s). The interviews would be held in June at IIIT, Hyderabad.

Certified Olympiads

(i). International Olympiad on Informatics (IOI)

- The Indian National Computing Olympiad is a nationwide competition organized annually by IARCS. No other certificate will be considered.

- Programme offered for admission through IOI : [CSD] Bachelor Of Technology in Computer Science and Engineering and Master Of Science in Computer Science and Engineering by Research

(ii) Science Olympiad (Physics, Chemistry, Biology and Astronomy)

- The Olympiad is conducted by Homi Bhabha Center for Science Education (HBCSE) under the control of Department of Atomic Energy (DAE), Govt. of India. No other certificate will be considered. Olympiad's official website

- Programme offered for admission through Science Olympiad : [CND] Bachelor Of Technology in Computer Science and Master Of Science in Computational Natural Sciences by Research

(iii) Mathematics Olympiad

- The Olympiad is conducted by Homi Bhabha Center for Science Education (HBCSE) on behalf of National Board for Higher Mathematics (NBHM) of the Department of Atomic Energy (DAE), Govt. of India. No other certificate will be considered. Olympiad's official website
Programme offered for admission through this mode are as follows:

[CND] Bachelor of Technology in Computer Science and Master of Science in Computational Natural Sciences by Research

[CSD] Bachelor of Technology in Computer Science and Engineering and Master of Science in Computer Science and Engineering by Research

[CLD] Bachelor of Technology in Computer Science and Master of Science in Computational Linguistics by Research

(iv). International Linguistics Olympiad (IOL) / Paninian Linguistics Olympiad (PLO)

- The International Linguistics Olympiad (IOL) is one of the 12 International Science Olympiads and has been held annually since 2003.
- The Paninian Linguistics Olympiad (PLO) is conducted by Faculty from India's premier Educational Institutes and some of India's top Computational Linguists.
- No other certificate will be considered.

Programme eligible for admission through Linguistics Olympiad:

[CLD] Bachelor of Technology in Computer Science and Master of Science in Computational Linguistics by Research

5. Direct Admission for Students Abroad (DASA) based on SAT & SAT Subject Test Scores:

Admissions under Direct Admissions for Students Abroad (DASA) mode for Undergraduate students for the academic year 2018-19 at International Institute of Information Technology, Hyderabad, India is open to candidates who have:

- Studied XI and XII, or equivalent outside India, or
- Hold a foreign passport

Applicants seeking admission through this mode have to follow a separate online process for IIIT, Hyderabad.

Eligibility criteria

Both SAT and SAT Subject Test scores are mandatory for application; the essay part of SAT is not required. The test scores should be reported directly to IIIT-H by the college board before the last date of submission of online application form.
Eligibility:

- Applicants should have completed 12th class or equivalent by May 2018 or earlier. Candidate should have scored at least 60% marks (or 6.0 grade on 10 point scale) in each of Physics, Chemistry, and Mathematics.

- Applicants should have a minimum aggregate score of 1070 (out of a maximum of 1600) in SAT, and also a minimum aggregate score of 2000 (out of a maximum of 2400) in SAT Subject Tests in Physics, Chemistry and Mathematics level 2. Both scores are mandatory.

Selection Criteria:

Admissions through DASA for 2018-19 will be through the SAT and SAT Subject Scores. The primary ranking criterion is the total marks obtained in 3 SAT Subject tests: Maths level 2, Physics, and Chemistry. All applicants will be ranked based on this total marks first. In the case of a tie in total marks, the following marks (in the given order) will be used to resolve the same.

1. Maths level 2 (SAT Subject)
2. Physics (SAT Subject)
3. Chemistry (SAT Subject)
4. Total SAT score
5. Evidence based Reading and writing (SAT)
6. Maths (SAT)

Students tied even after the above is applied will be interviewed in person or over Skype to break the tie.

Programmes Offered:

Four year single degree programmes

- [CSE] B.Tech in Computer Science and Engineering
- [ECE] B.Tech in Electronics and Communication and Engineering

Five year dual degree programmes

- [CSD] B.Tech in Computer Science and Engineering and Master of Science in Computer Science and Engineering by Research
- [ECD] B.Tech in Electronics and Communication Engineering and Master of Science in Electronics and Communication Engineering by Research
[CLD] B.Tech in Computer Science and Master of Science in Computational Linguistics by Research

[CND] B.Tech in Computer Science and Master of Science in Computational Natural Sciences by Research

Sanctioned Number of Seats:

- Computer Science Programs (CSE + CSD): 25
- Electronics and Communications Programs (ECE + ECD): 10
- Other Programmes (CND + CLD): 5

Applicants have to indicate their preferences for the above programmes on the application portal. **No change of preferences will be allowed after the submission deadline of the application.**

While applying, you are advised to choose only the programmes you are willing to join, if allotted, in the branch preference list. A program should not be in your preference list as a placeholder for another one. If you do not take up an allotted seat, you are denying that seat to another student!

If you are interested in only one programme, say, ECE (B.Tech in Electronics and Communication Engineering) and no other programme of the institute, you should give ECE as your first preference on the application portal and nil for others. If you are keen only on a few programmes of the institute, give the preference order only among those.

If none of your preferences are allotted during a particular round, you can exercise the option of continuing into the further rounds.

**Note:** No sliding is permitted after the last round of announcements.

Application Process:

1. Online application should be submitted by candidates on our website.
2. Online application will be accepted from March every year
3. Last date for submission of online application is **5 PM IST on April 25**. (Applications will not be accepted after the last date under any circumstances).

Application Fee:

A fee of INR 6000 is to be paid online, while submitting the online application form.

Application Link

SAT Score Time Line to Reach IIIT-H from College Board:

SAT & SAT Subject Test Scores have to be sent directly through College Board to IIIT, Hyderabad (Institute Code: 6997). The scores should reach IIIT-H on or before the
submission of online application deadline. An applicant whose scores are not received by the said deadline will be disqualified and not considered for admission.

All the dates are as per Indian Standard Time (IST).

Announcement of Seat Allocation Rounds, Seat Acceptance and Cancellation Policy for DASA will be updated every year.

Tuition Fee:

- Tuition fee: USD 12,000 for the academic year 2018-19.
- Hostel and Mess fees extra; these charges will be on par with the other students at the institute.
- Payment of Initial Fee:
  - Candidates who have been allotted a seat should confirm the acceptance of the seat by paying the tuition fee for one semester, on or before the acceptance dates which will be announced with the seat allotment.
  - The first semester tuition fee of USD 6,000 or equivalent in INR (will be specified on website later) should be paid online through the payment portal. Instructions for payment will be emailed to you.

After admission, candidates will need to pay caution deposit, hostel fees, mess deposit, etc. (about Rs. 50,000) at the time of registration. Details will be sent later.

Note:

1. Payments have to reach us by 5 PM IST on the deadline dates.

2. The institute reserves the right to conduct different rounds of seat allocation based on the available seats and the number of acceptances after a round.

3. A candidate should have written the SAT and SAT subject tests not earlier than June, 2016.

4. If a candidate fails to furnish any of these by the specified date or fails to meet the eligibility criteria by securing less than specified minimum in Class 12 (only) and/or SAT test becomes ineligible and his/her admission will be cancelled. Please read our Refund Policy carefully.

5. Deadlines for online application process:
   - Online application portal opens on: **March 2**
   - Online application portal closes on: **April 25**
6. Lateral Entry to Four Year Dual Degree Research Programmes in CSD/ECD:

This is specialized mode of Admissions for students who have finished their B.E. / B.Tech. II year in other Engineering colleges and have a strong desire to work on research problems. Admissions are restricted to:

- [CSD] Bachelor Of Technology in Computer Science and Engineering and Master Of Science in Computer Science and Engineering by Research
- [ECD] Bachelor Of Technology in Electronics and Communication Engineering and Master Of Science in Electronics and Communication Engineering by Research

Students are required to spend a minimum of 4 years to complete the course credits and thesis work. The programme is based on successful completion of a research thesis.

Admission is based on performance in an Entrance Examination and an interview. The examination is to be held in the month of April every year across multiple cities. Only candidates shortlisted through this exam will be called for an interview.

Eligibility:

Applicant should have an aggregate of 80% marks (or 8/10 cumulative grade point average) at the end of their 3rd semester.

- CSD : Applicants completing their II year of B.E. / B.Tech. in CSE / IT by July every year.
- ECD : Applicants completing their II year of B.E. / B.Tech. in ECE / ETE / EIE / EEE by July every year.
Admissions Mode Wise Fee Details FY 2018-19

The following is the tuition fee for the batch of 2018. Tuition fee, Hostel fee and Mess fee has to be paid in semester wise

<table>
<thead>
<tr>
<th>Admission Mode</th>
<th>Admission fee</th>
<th>Tuition fee</th>
<th>Caution Deposit (Refundable)</th>
<th>Boarding Expenses</th>
<th>Total Fee per semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Hostel</td>
<td>Boys</td>
</tr>
<tr>
<td>SPEC</td>
<td>-</td>
<td>130000</td>
<td>10000</td>
<td>13713 14500 17500</td>
<td>171213 172000</td>
</tr>
<tr>
<td>JEE</td>
<td>10000</td>
<td>130000</td>
<td>10000</td>
<td>13713 14500 17500</td>
<td>181213 182000</td>
</tr>
<tr>
<td>UGEE</td>
<td></td>
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<td></td>
<td>13713 14500 17500</td>
<td>181213 182000</td>
</tr>
<tr>
<td>LEEE</td>
<td></td>
<td></td>
<td></td>
<td>14250 16000 17500</td>
<td>181750 183500</td>
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<tr>
<td>OLYMPIAD</td>
<td></td>
<td></td>
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<td>13713 14500 17500</td>
<td>181213 182000</td>
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<tr>
<td>AICTE</td>
<td></td>
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<td></td>
<td>13713 14500 17500</td>
<td>181213 182000</td>
</tr>
<tr>
<td>DASA</td>
<td>396000*</td>
<td>(USD 6000)</td>
<td></td>
<td>13713 14500 17500</td>
<td>447213 448000</td>
</tr>
</tbody>
</table>

*Rate used is at 1 USD = 66 INR for illustration only. Conversion rate at the time of admission will apply.

The tuition and hostel fees for the next academic year can be higher than those stated above. Electricity and water charges will be adjusted as per actual annually in later semesters based on consumption. Mess charges will also be adjusted based on actual expenses.

Note: IIIT Hyderabad provides a safe and supportive environment to enable All students (boys and girls) to realise their full potential. We are seeking to improve the gender balance among our students and hence particularly encourage female applicants. Financial assistance will be available in the form of repayable loan. For more details, please visit the URL below.

https://www.iiit.ac.in/admissions/undergraduate/assistance/
A. IIIT-H special financial assistance scheme (ISFAS): Financial support is provided on a need-basis, to students through this scheme on a payback (after graduation) basis. The funds for this support is contributed by the Institute as well as alumni who, despite being young, have contributed generously. The Institute has earmarked an enhanced contribution to this pool for this year.

B. IIIT-H special financial assistance scheme (ISFAS) is available for needy students. Please note this fund is made possible due to the generosity of our alumni which is still very young and hence is NOT to be viewed as an easier option (than a bank loan) for meeting your financial needs. This scheme has been made possible by the IIIT alumni and is available in the following form:

1. Scholarships in the form of repayable loan for one semester. The loans are extendable to students to cover a maximum of 4 years of study, provided they maintain good academic status.

Details of eligibility and application procedure can be found at ISFAS page

IIIT Special Financial Assistance Scheme (ISFAS)

The application procedure for IIIT Special Financial Assistance Scheme (ISFAS) is as follows.

o Fill and submit the Form B.

Documents to attach with application:

1. Resume (stating past academic record)
2. Parents' combined annual income certificate
3. Description of any collateral property

The application form along with original support documents should be submitted in person (or posted)to the following address:

Alumni Affairs coordinator
Room No: B2-201, Vindhya A2
IIIT-H Gachibowli
Hyderabad 500 032

A soft copy of the application should also be emailed to alumnifund@iiit.ac.in with the subject "application for scholarship".
Photo Gallery
Important Dates for the Academic Year 2018-19:

UGEE:
- Portal Opens: 5th Feb. 2018 (Monday)
- Application Due: 15th March 2018 (Thursday)
- Documents upload: 15th March 2018 (Thursday)
- UGEE Exam Hall tickets: 10 days before the exam
- Exam Date: 18th April, 2018 (Wednesday)
- UGEE Interview: 1st week of June, 2018

SPEC:
- Portal Opens: 5th Feb. 2018 (Monday)
- Application Due: 15th March 2018 (Thursday)
- Documents upload: 15th March 2018 (Thursday)
- SPEC Exam Hall tickets: 10 days before the exam
- Exam Date: 18th April, 2018 (Wednesday)
- UGEE Interview: 1st week of June, 2018

UG:
- JEE Application Portal Opens: 1st week of April, 2018
- DASA Application Portal Opens: 1st week of March, 2018

Contact Details:

Admissions Office
International Institute of Information Technology
Gachibowli, Hyderabad 500 032
Telangana, INDIA
Phone: +91-40-6653 1250/1337
Fax: +91-40-6653 1413
Email: Under Graduate Queries: ugadmissions@iiit.ac.in
FAQ:

Q1: I have received admission in IITs. Why should I consider joining IIIT Hyderabad?

IIIT Hyderabad UG programme is unique in the country.

1. It provides research opportunities, even to a UG student, not available anywhere else in the country. Many UG students are able to publish papers in international conferences. Some even visit abroad for working with partner research groups while still a UG student.

2. It has a modern and flexible curriculum which allows a student to tailor it to his/her requirements.

3. Infrastructure is extremely good in academics as well as in hostels and student life.

So, if you want to achieve your dreams, of creating new technologies or do cutting edge research, come to IIIT Hyderabad.

Q2: Why should I join the dual degree programme? In the 4-year programme, I finish one year early.

The dual degree programme prepares you for research and jobs in your area of interest are likely to come up in large numbers as more R&D companies start their operations. It also prepares you for higher studies, if you wish to pursue PhD in India or abroad.

The programme takes one extra year, but then you get two degrees B.Tech. and Masters. Normally, M.Tech. requires two years beyond B.Tech. The fifth year is expected to be fully supported, if your academic performance been satisfactory and availability of funded projects in your area of research. You are also likely to get financial support in the form of teaching assistantships in the earlier years when you assist in teaching or work in funded research projects.

Q3: What are some of the areas in which UG students can do research?

Robotics, wireless communication, speech processing, machine translation, search engines, computer vision, pattern recognition, databases, data mining, VLSI, embedded systems, bio-informatics. More information [here](#).

Q4: Is branch change allowed?

Branch change is allowed between CSE and ECE after 1st year, subject to the condition that the total numbers in each branch are within 10% (plus or minus) of sanctioned strength.

Change between 4-year and dual degree is not permitted.
Q5: IIIT-H fee is higher than the fee at IITs or NITs. Why?

IIIT-H offers high quality infra-structure. It has modern well-kept living facilities. It also has one of the highest bandwidth availability per student. It has a highly qualified research oriented faculty with research centres. All this costs money. Most importantly IIIT does not run on annual Government grants. This allows complete autonomy and high academic standards, but does result in a slightly higher fee. However, financial assistance is available.

Q6: I am not able to pay the fee. Is any financial assistance available?

IIIT-H special financial assistance scheme (ISFAS): Financial support is provided on a need-basis, to students through this scheme on a payback (after graduation) basis. The funds for this support is contributed by the Institute as well as alumni who, despite being young, have contributed generously. The Institute has earmarked an enhanced contribution to this pool for this year.

Q7: How are the on campus placement opportunities?

A detailed report on placements can be found here.

Q8: Is there a hostel facility on campus? What about the other facilities?

Yes,IIIT-H is a residential Institute and it is compulsory for all students to stay on-campus. Separate hostels for boys and girls are available on-campus with basic facilities. Hostels are completely networked with Internet facility. UG1 students are not provided network facility in their hostel rooms. However, they have access to internet in common labs during day time.

You can read about the institute's infrastructure here.

Q9: How is Hyderabad climate?

Hyderabad has a pleasant salubrious climate. It is dry, so even when it is hot under the sun, it is pleasant under the shade. It has two hot months (April and May) and even in those months there is no loo (hot wind), and evenings become pleasant. As soon as the monsoons arrive (approximately 7th June) Hyderabad becomes like an "air conditioned" city and not hot and muggy like other cities. Winters are mild with temperature rarely going below 12 degrees Centigrade at night. (Hyderabad is at an attitude of 500 m so its climate is different from rest of the Andhra climate.)

Q10: What kind of city is Hyderabad? What does it have to offer?

Hyderabad is a large metropolis (5th largest city of India) with the old world charm. It is a favoured destination of software industry in India and a large cosmopolitan city with interesting eating places, shopping areas, theatres, visibly present film industries, etc. However, it retains a personal touch of a small town. People are helpful and laid back, and surprisingly autorickshaw drivers do not "take you for a ride" unnecessarily. Culturally
it is active with heritage walks, monuments that invite you, painting exhibitions, Hindustani and Carnatic music.

Q11: Where is IIIT-H located in Hyderabad? What facilities are available in its vicinity?

IIIT is located in Gachibowli with a largely self contained campus. Most of your needs will be satisfied with in the campus: hostel, mess, canteen, stationery shop, weekly film shows, etc. There is a nearby market within a kilo metre from campus where items of personal need are available. IIIT is about 15 km from centre of the city but well connected with buses and shared minitaxies (tempoes). Gachibowli is a fast developing area in which several new software companies are building their campuses including Infosys, Wipro, Microsoft and others. As a result, many new facilities are coming up in the area. However, you will be busy with academic activities, and will go out relatively infrequently.

Q12: Do I have to fill or buy IIIT Hyderabad form for admission?

The admission to IIIT is through institute portals. Kindly check here for the details of filling application form and paying the application fees.

Q13: Is IIIT, Hyderabad participating in JEE (Main) -2015?

International Institute of Information Technology, Hyderabad is not participating in CSAB counseling (JEE (Main) -2015). IIIT, Hyderabad offers B.Tech. admissions through Institute portal using JEE(Main) 2015 Marks.

Q14: I have heard all the students in the first year will be required to purchase laptop in the first year. Should I purchase now?

No, you do not need any Laptop in your first year. You will get access to workspace equipped with computers.

Q15: Is there a Dual Degree Program for ECE students?

Yes, there is. It has the same characteristics as Dual Degree Program for ECE students in terms of requirements and objectives.

Q16: How is the Dual Degree Program different from the B.Tech one?

Refer to Q2

Q17: What is it in there for me in the Dual Degree Program?

Lot of fun in doing cutting edge research in a specific stream. Opportunities to do internships in best of places. Ability to join Research Exchange Program. A detailed information can be found here.
Q18: When does one have to choose the field of specialisation for the Dual Degree Program?

At the end of second year.

Q19: What are Trans-disciplinary dual-degree programmes? Should I join them?

Institute offers trans-disciplinary programmes leading to dual-degrees:

B.Tech in Computer Science and MS in ‘X’, where ‘X’ stands for one of the following:

Computational Natural Science

Computational Linguistics

This will allow students to pursue new areas along with a strong computational background. Major breakthroughs in research are likely to come from such trans-disciplinary research.

Q20: I have paid on-line through debit/credit card. How do I verify if payment was successful?

Please ask your bank if amount is deducted from your credit card / debit card account. If amount is deducted then payment was successful. If you do not click anywhere on the screen while the bank website is redirecting to IIIT website after successful on-line payment, then you will see confirmation message on screen and you would also receive email with payment successful message. In case you have not received an email but the amount is deducted from your account, please send an email to 'ugadmissions@iiit.ac.in' with transaction ID, Bank account no., Date/Time of trasaction, Transaction amount, your name, email address, etc. details. We will try to confirm within 7 working days whether we have received the payment.

Q21: Will I receive confirmation if I send form by post / courier?

If you have specified correct email address in application form for phase-I then you should receive email confirmation about registration. We also send postal confirmation to all applicants who have filled application phase-I form through post.

Q22: 12th marks have not been announced for my board. What should I do?

Please leave the fields blank where 12th marks details are asked in phase I form if your results are not yet announced. You can fill these details in phase II form.

Q23: I have not received any confirmation email after completing phase I. What should I do?

Please check SPAM folder or bulk email folder for the confirmation email. Since such emails are generated automatically they very often go to SPAM or bulk mail folders. In
case you can't find the email and the amount got deducted from your debit/credit card account then please send an email to ugadmissions@iiit.ac.in with transaction ID, Bank account no., Date/Time of transaction, Transaction amount, your name, email address, etc. details and we will reply to you within 7 working days.

Q24: Is there any SC/ST/BC, women, physically challenged etc. quota for IIIT admissions?

No, there is no SC/ST/BC, women, physically challenged etc. quota or reservation of any kind for IIIT admissions. All admissions are strictly merit based and in open category.

Q25: Will IIT JEE rank be considered along with JEE(Main) rank for admission?

No, we only consider JEE(Main) Marks for regular admissions. There is however a provision for admissions based on Olympiads, NTSE or KVPY etc. Further, for students from Arts, Social Sciences and Humanities with Mathematics there are opportunities to pursue Dual Degree Computational Linguistics or Exact Humanities. Please read here for more information on admissions based on these criteria.

Q26. If I apply for admission, does that guarantee that a seat is reserved for me?

No, Completing application phases does not guarantee that a seat is reserved for you. Allocation of seat will depend on number of people who have better JEE(Main) Marks than yours.

Q27. If I have paid application fee (or any other fee) more than once, what should I do? Is refund applicable on the full amount?

In case you have paid application fee (or any other fee) more than once by mistake or for any other reason (you find the amount has been debited from you more than once), please immediately send a mail to ugadmissions@iiit.ac.in. The admissions office will cross-check the same and inform you of the refund possibility. As regards the refund amount, please note that the refund for the additional payments, if any, will be only for the fee amount that was charged by the Institute and will not include the Transaction and/or Bank charges paid as part of the online payment process.

Q28: Is there any internal sliding possible once we join the institute?

There will be no internal sliding after you join the institute. For four year/five year B.Tech/Dual degree programs in CSE and ECE, a branch change is possible according to institute rules after first year.

For other five year dual degree programs in Computational Natural Sciences, Computational Linguistics, Exact Humanities, and Building Science & Engineering as they are special programs, no branch change is allowed. So you should opt for these programs only if you are really interested in them. Your opting for programs without a serious intent to join deprives another candidate of the seat, as there would be no more rounds.
Q29. There seem to be lot more seats vacant in dual degree programs. Why is it so?

Dual degree research program is for 5-years. Students who would like to do research would generally prefer this program. However, some students whose first preference is 4 year program may also opt for 5-year dual degree program and gets the seat. In further rounds, he/she may slide to 4-year based on the vacancy which will create a vacant seat in dual degree program.

Q30. What are opening and closing JEE (Main) Marks in last 5 years (branch wise)?

<table>
<thead>
<tr>
<th>JEE Cut Off Marks Statement from 2014 to 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Programmes</strong></td>
</tr>
<tr>
<td>-------------------------------------------</td>
</tr>
<tr>
<td>CSE Opening Marks</td>
</tr>
<tr>
<td>CSE Closing Marks</td>
</tr>
<tr>
<td>ECE Opening Marks</td>
</tr>
<tr>
<td>ECE Closing Marks</td>
</tr>
</tbody>
</table>

Q31. What are the stipulated number of seats offered under each mode of admissions?

- UG Admissions through JEE (Main) Marks
  - CSE : 90  ECE : 60
- UG Admissions through UGEE and Interview
  - CSD : 35,  ECD : 25,  CND : 15,  CLD : 15
- UG Direct Admissions for Students of Abroad (DASA)
  - CSE : 25,  ECE : 10,  CND : 5
- UG Admissions through Olympiad
  - CSE/CLD/CND : 15
- UG Admissions through Lateral Entry
  - CSD : 15,  ECD : 15
- UG Admissions through Special Channel of Admissions (SPEC)
  - CSE : 10,  ECE : 10
Q32. What are placement details for the year 2018?

The UG graduates achieved 100% placements for several years. The average and median annual salaries for 2017-18 of ECE graduates were Rs 17 lakhs and 16 lakhs respectively. The figures for CSE graduates were Rs 23 lakhs and 24 lakhs, for ECD graduates Rs 22.5 lakhs and Rs 24 lakhs, and for CSD graduates Rs 23 lakhs and Rs 22.5 lakhs in the same period. However, the institute believes in promoting the wholesome progression of each student as true leaders in their chosen career area. The statistics on the student's first jobs do not truly reflect the institute's vision about their career.