



HINDUSTAN

INSTITUTE OF TECHNOLOGY & SCIENCE
(DEEMED TO BE UNIVERSITY)

INFORMATION ON WEBSITE

HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE, CHENNAI

General Information

CAMPUS

HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE

Padur,
Rajiv Gandhi Salai, Old Mahabalipuram Road
Padur (via) Kelambakkam
Kancheepuram Dist - 603 103
Tamil Nadu

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E. mail: hetc@vsnl.com

Fax: 044 - 27474208

website: www.hindustanuniv.ac.in

ADMIN. OFFICE :

Dr. Kuncheria P Isaac, Vice-Chancellor

mail : vc@hindustanuniv.ac.in

Dr. Pon Ramalingam, Registrar

mail : registrar@hindustanuniv.ac.in

HINDUSTAN HEAD OFFICE

Administrative office,
40 GST Road,
St. Thomas Mount, Chennai - 600 016.

Phone: 044-2234 2155 / 09080 / 1389 / 2508

mail: info@hindustanuniv.ac.in

- (i) **All relevant information regarding admission procedure, availability of seat etc. in various courses.**

Regular Degree Students

Hindustan Institute of Technology & Science takes into consideration students who have passed their Higher Secondary Examination with commendable marks for admission. The Institution strictly follows the eligibility criteria of the State Government norms. The Admissions for P.G. and PhD Programmes are made through entrance test, group discussions and personal interview.

Hindustan Institute of Technology and Science Engineering Entrance Examination (HITSEEE)

An online Entrance Examination (HITSEEE) is conducted every year at various cities across India. Students seeking admission for undergraduate programmes have to register online to appear for the Entrance Examination on dates specified in the media advertisements. The time duration of the entrance examination is 2 hours. Students are required to answer 120 questions covering Mathematics, Physics and Chemistry. Based on the entrance examination score and marks in the qualifying examination, a rank list is prepared for admission into U.G (Engineering & Technology) Programmes.

How to Apply

Students, having the qualifying marks, can apply to any one of the undergraduate programmes offered by the HITS. The applications should be submitted at the admission office before the deadline mentioned in the advertisement. This does not apply for those who apply for non-professional programmes and research related programmes.

Special Admission Programmes

The Hindustan Institute of Technology & Science recognizes the need for providing educational opportunities for people of widely varying ages and backgrounds. Therefore, special admission programmes are available for potentially successful students from disadvantaged, culturally deprived, or economically impoverished segments of the society. For further details, the Head Office can be contacted. Admission to Hindustan Institute of Technology & Science thus, is purely non-discriminatory.

Re-admission

Students who are initially enrolled at Hindustan Institute of Technology & Science but did not attend the particular semester/term can re-register, provided they left with good conduct and have not enrolled in any other institution after leaving Hindustan Institute of Technology & Science. Such students may be readmitted by submitting a Readmission Form. Students who have been dismissed either from Hindustan Institute of Technology & Science or any other institution will not be readmitted under any circumstances.

Admission of International Students

Prior to admission, an International student must:

- Obtain an application form and brochure from the HITS Office and submit the filled application form with.
- Copy of educational records documenting all previous secondary and post-secondary schooling / college.

- A financial statement that has been signed and returned from a sponsor showing that adequate funds will be available to cover the student's educational and living expenses for the duration of the anticipated enrolment.
- Proof of proficiency in English language
- A certificate showing no criminal record
- Copy of the passport with minimum one year validity
- Medical certificate from a registered physician
- The certificate of eligibility for visa is issued on fulfilment of all the above mentioned procedures

Orientation

All fresh students must attend an Orientation session conducted by the Hindustan Institute of Technology & Science to get acquainted with the facilities available on campus. Orientation session is normally held before the commencement of classes.

Bridge courses will be conducted for a period of minimum 2 weeks for all I year students.

U.G. Programmes :

S.No.	DEPT.	Programme
1.	AERO	B.Tech. (AERO)
2.		B.Tech. (AEROSPACE)
3.	MECH	B.Tech. (MECH)
4.		B.Tech. (MECHATONICS)
5.	AUTO	B.Tech. (AUTO)
6.	CHEMICAL	B.Tech. (CHEMICAL)
7.		B.Tech. (BIOTECH)
8.	CIVIL	B.Tech. (CIVIL)
9.	CSE	B.Tech. (CSE)
10.	IT	B.Tech. (IT)
11.	EEE	B.Tech. (EEE)
12.	ECE	B.Tech. (ECE)

13.	ARCH	B.Arch.
		B.Des. (INTERIOR DESIGN)
14.	FDA	B.Des. (FASHION DESIGN)
15.		B.Sc. (FASHION DESIGN)
16.	CA	BCA
17.	SOM	B.B.A
18.		B.COM
19.		B.Sc. (VISUAL COMMUNICATION)
20.	SSH	B.Sc. (FOOD TECHNOLOGY)

P.G. Programmes :

S.No.	DEPT.	Programme
1.	AERO	M.Tech. (AERO)
2.	MECH	M.Tech. (MECH)
3.	AUTO	M.Tech. (AUTO)
4.	CIVIL	M.Tech. (CIVIL)
5.	CSE	M.Tech. (CSE)
6.	IT	M.Tech. (IT)
7.	EEE	M.Tech. (EEE)
8.	ECE	M.Tech. (ECE)
9.	SOM	MBA
10.	ARCH	3 year - M.Arch. (EXECUTIVE)
11.		3 year - M.Arch. (HOUSING) (EXECUTIVE)
12.		M.PLAN.
13.	CA	MCA

14.	S&H	M.A. (ENGLISH LANGUAGE AND COMMUNICATION)
15.		M.Sc. (CHEMISTRY)

CENTERS

SCHOOL OF MECHANICAL SCIENCES

- 1 CENCON
- 2 AUTOTRONICS
- 3 ROBOTICS AND AUTOMATION
- 4 SIMULATION AND ENGINEERING DESIGN

SCHOOL OF COMPUTING SCIENCES

- 1 MACHINE INTELLIGENCE AND DATA ANALYSIS
- 2 NETWORKING AND CYBER DEFENSE

SCHOOL OF MANAGEMENT STUDIES

- 1 CENTRE FOR DEFENCE TECHNOLOGY STUDIES
- 2 HIGHER EDUCATION, LEADERSHIP & MANAGEMENT

SCHOOL OF AERONAUTICAL SCIENCES

- 1 TIFAC CORE IN AIRCRAFT MAINTENANCE
- 2 AUTONOMOUS SYSTEMS
- 3 STRUCTURAL IMPACT AND CRASH SIMULATION CENTRE (SIMCRASH)

SCHOOL OF ELECTRICAL SCIENCES

- 1 PHOTONICS AND LIDAR RESEARCH
- 2 CENTER FOR SENSORS AND PROCESS CONTROL

SCHOOL OF BUILDING SCIENCES

- 1 SUSTAINABLE TECHNOLOGIES

ELIGIBILITY CRITERIA FOR ADMITTING STUDENTS FOR 2018-2019 BATCH U.G. /P. G. / M.Phil.

B. TECH. COURSES (ALL DISCIPLINES)

Admission to B.Tech. courses will be based on merit, considering the Entrance exam marks along with +2/HSC marks etc. as per university norms.

- A Pass in (10+2) or equivalent examination with a minimum aggregate of 50% marks in Maths, Physics, & Chemistry.
- Any other examination of any university or authority accepted by this University as equivalent of plus two.

Vocational Stream

HSC - Vocational Candidates:

Candidates who have qualified with HSC (vocational stream) with engineering / technical vocational subjects and any one or two of the related subjects like Mathematics, Physics or Chemistry are eligible provided they have passed their qualifying examinations and obtained minimum aggregate of 50% marks in the vocational & related subjects.

Eligibility to Register for Online Entrance Examination - B. Arch.

- A Pass in plus two with an aggregate of not less than 50% in (10+2) level or its Equivalent examination with Mathematics / Business Mathematics as one of the subjects.
- JEE - Paper - II (Aptitude Test in Architecture) is considered to be equivalent to NATA.
- Any other examination of any university or authority accepted by this university as equivalent of plus two.
- All applicants for B.Arch. course including NRI / Foreign Nationals should pass the **Aptitude test conducted by Council of Architecture (NATA).**

Online Examination :

- **Students awaiting for Higher Secondary / +2 Examinations results are eligible to register for online Entrance Exam.**
- Only Indian Nationals and those who have done their Plus two / HSC in Schools in India are eligible to apply for Online Entrance Exam Registration.
- Foreign Nationals / NRIs are exempted from Online Entrance Examination.

Age Limit: Upper age limit will be 19 years of age as on first of July of the year of application.

ELIGIBILITY FOR LATERAL ENTRY - II YR B.TECH. PROGRAMMES

- Diploma in the appropriate branch of Engg./ Tech / B.Sc. (with Mathematics as a subject). Average 50% in final year of study. The candidate shall have not completed 21 years of age as on first of July of the year of application.

ELIGIBILITY FOR LATERAL ENTRY - II YR M.C.A. PROGRAMMES

- A pass in a recognized Bachelor's degree of minimum 3 years duration in B.C.A., B.Sc. (Information Technology / Computer Science), B.I.S.M. with mathematics as a course at 10+2 level or at Graduate level and obtained at least 50% in the qualifying degree examination (10+2+3 year pattern).

ELIGIBILITY- B.B.A / B.Com / B.C.A / B.Sc.

Course	Minimum Qualification for Admission
B.B.A. (Bachelor of Business Administration)	A Pass in plus two or equivalent as approved by the Government of Tamil Nadu
B.Com. (Bachelor of Commerce)	
B.C.A. (Bachelor of Computer Applications)	
B.Sc. (Fashion Design & Arts)	
B.Sc. (Visual Communication)	
B.Des.(Interior Design)	
B.Des.(Fashion Design)	

PG Programmes

Course	Minimum Qualification for Admission
M.Tech. (Aeronautical Engineering)	A Pass in B.E. / B.Tech. (Aero. / Aerospace / Civil / Mech. / Mechatronics)/ AMIE / AMAeSI (Aero)

M.Tech. (Mechanical Engineering)	A Pass in B.E. / B.Tech. (Aero. / Aerospace / Civil / Mech. / Mechatronics)/ AMIE / AMAeSI (Aero)
M.Tech. (Automobile Engineering)	A Pass in B.E. / B.Tech. (Mech. / Auto / EEE / Chemical / Marine / Mechatronics/ Production) / AMIE
M.Tech. (Civil Engineering)	A Pass in B.E. / B.Tech. (Civil) / Infrastructure Engg./ B.Arch./ AMIE
M.Tech. (Computer Science & Engg.)	A Pass in B.E. / B.Tech. (EEE / ECE / Electronics / CSE / E&I / I&C / IT)/ M.S./ MCA (10+2+3+3) years pattern/ AMIE / B.Sc. (3 years) in IT related major courses & M.Sc. (2 years) in CSE/IT related major courses, Computer Science. M.Sc. Computer Science / IT (5 year integrated course)
M.Tech. (Information Technology)	A Pass in B.E /B.Tech.(IT / EEE/ CSE / ECE / Electronics / Instrumentation /E&I / I&C/ M.Sc. IT / CSE / M.C.A.) / AMIE
M.Tech. (Electrical and Electronics Engineering)	A Pass in B.E /B.Tech.(EEE/ ECE / Electronics / Instrumentation /E&I / I&C) / AMIE / M.Sc. Applied Electronics
M.Tech. (Electronics and Communication Engineering)	A Pass in B.E. / B.Tech. (ECE / Electronics / E&I) / AMIE/ M.Sc. Applied Electronics
M.Tech. (Electronics and Instrumentation Engineering)	A Pass in B.E. / B.Tech. (EIE / ECE / EEE / E&I / E&C/ Electronics / Instrumentation) / AMIE / M.Sc. Applied Electronics
M.B.A.	A Pass in B.Com., BBA, B.Com.(Corporate), BISM, BBM, B.Sc.(Maths), B.Sc.(Physics), B.Sc. (Chemistry), B.Sc. (IT), B.Sc. (Computer Science), B.A. (Economics), B.E & B.Tech, AMIE, AMAeSI, BCA.
M. Arch (General)	A Pass in B.Arch. Degree with minimum 55% in aggregate marks (Approved By Council of Architecture)

M. Arch (Housing)	A Pass in B.Arch. Degree with minimum 55% in aggregate marks (Approved By Council Of Architecture)
M. Plan.	A pass in B.Arch. / A.I.I.A. / BE / B. Tech. (Civil) / B. Plan. / M.A. / M. Sc. in Geography, Economics & Sociology, Social work with Community development specialization and Rural Development.
M.C.A.	A Pass in any Degree of 10+2+3 Stream. The candidate should have studied core Mathematics either at +2 level or Mathematics/Statistics as one of the subjects at the degree level / B.C.A / B.Sc. (Computer Science).
M.A. English Language Communication	A Pass in three years B.A. English Literature / B. Litt. English / Any Degree with 50% marks in English as the first language / equivalent as approved by the Govt. of Tamil Nadu.

(ii) Profile of teachers faculty-wise

[Click here for Profile of teachers faculty-wise](#)

(iii) Calendar of activities & (iv) Academic Calendar

[Click here for Calendar of activities & Academic Calendar](#)

ACADEMIC SCHEDULE FOR ACADEMIC YEAR 2017 - 18

ODD SEMESTER					
SL. NO.	ACADEMIC ACTIVITY	UG & PG HIGHER SEMESTER	Arts & Science	I YEAR UG	I YEAR PG PROGRAMMES
1	Commencement of Regular Classes	10.07.2017	19.06.2017	24.7.2017	21.08.2017
2	I periodical test	21.08.2017	24.07.2017	21.08.2017	25.09.2017
3	II periodical test	25.09.2017	21.08.2017	25.09.2017	23.10.2017
4	Model Exam	23.10.2017	18.09.2017	30.10.2017	27.11.2017
5	University Practical Exams	01.11.2017	25.09.2017	06.11.2017	04.12.2017
6	Completion of Practical Exams	26.11.2017	30.09.2017	05.12.2017	06.12.2017
7	University Theory Exam commencement	28.11.2017	06.10.2017	16.12.2017	13.12.2017
8	University Theory Exam Completion	20.12.2017	28.10.2017	20.12.2017	20.12.2017
9	Christmas Recess	21.12.2017 to 01.01.2018			
10	Faculty Reporting	02.01.2018			
EVEN SEMESTER					
SL. NO.	ACADEMIC ACTIVITY	FINAL YEAR UG / PG	OTHER SEMESTERS UG & PG	ARTS AND SCIENCE	
1	Reopening for the Even semester	03.01.2018	17.01.2018	20.11.2017	
2	I periodical Test	19.02.2018	19.02.2018	03.01.2018	
3	II periodical Test	19.03.2018	19.03.2018	05.02.2018	
4	Model Exam	23.04.2018	01.05.2015	05.03.2018	
5	University Practical Exams	01.05.2018	08.05.2018	19.03.2018	
6	University Theory Exam commencement	15.05.2018	22.05.2018	02.04.2018	
7	University Theory Exam Completion	20.05.2018	23.06.2018	27.04.2018	

8	Publication of results for final year	05.06.2018	24.07.2018	05.06.2018
9	Faculty reporting date	27.06.2018		28.05.2018
10	Reopening for 2017 - 18 for all higher semesters	04.07.2018		04.06.2018

Note : 90 Working days are mandatory in a semester. Saturdays will be made as working days, in case if there are less than 90 days.

(v) All student centric facilities available in the institution especially hostels, transport etc.

I. GENERAL AMENITIES AVAILABLE IN THE CAMPUS

TRANSPORTATION

The University is well connected to the city by public transport buses. Apart from this, the University has a fleet of **61** buses for the convenience of the staff and students who come daily to the campus from various parts of the city. The buses are also used for industrial visits, excursions and arranged for hostel residents to visit the city on Sundays and other holidays. The institution also offers cars and mini buses for senior faculty members.

ACCOMMODATION

The University has a fully furnished air-conditioned guest house which can accommodate 20 guests at a time.

The hostels have well furnished Air-Conditioned and non-air-conditioned rooms with bath attached providing the right ambience for studies.

Each and every hostel is provided with dining hall, uninterrupted water supply, reading hall, round the clock STD, ISD service, internet connection, indoor recreation facilities, continuous medical and transport facilities. Canteen and fast food centers are open from 7.00 a.m. to 10.00 p.m.

BANKING FACILITIES

A Nationalized bank and ATM facilities are available within the campus.

CAMPUS CLINIC

The University has a full-fledged Clinic in the campus with a Doctors and supporting staff available for 24 hours. Free treatment and checkup is provided. Vaccination camps are arranged periodically. Ambulance Facility in the University Campus

AUDITORIUMS

The university has 10 auditoriums equipped with a public address system, LCD and projector facilities, where Conferences, Seminars, Workshops and University functions are conducted.

OPEN AIR THEATRE

There is also an open-air theatre which is used for celebrations like the convocation and functions.

INSURANCE

Mutually beneficial insurance schemes covering both parents and students have been taken up by the University. All students and their immediate family members are covered by insurance. In case of sudden death of the parent, the student will be provided an amount of Rs. 1 lakh to support his continued education. In the unfortunate instance of the student's demise, the parent will receive an amount of Rs. 1 lakh.

CASH AWARD AND PRIZES

Cash awards and prizes are given for academic excellence, proficiency in sports and athletics and cultural competitions.

DIGITAL LIBRARY

The Hindustan Institute of Technology and Science have a modern, air-conditioned and computerized digital resource center spread over 1, 08,708 sq ft. The resource center has 1,76,600 volumes of technical books, National and International journals, management books and periodicals. There is also an excellent collection of light reading materials. An array of audio, video CDs / DVDs / VHS and training films are stocked in the library for students and staff. The online access system keeps them within easy reach of students.

INTERNET POLICY

- Usage of Wireless infrastructure in hostels and common places is to enhance the accessibility of internet for academic purposes and to browse exclusive online resource for students/faculty members and staffs.
- Wi-Fi internet availability in Hostels and Common areas timings 6 AM to 11 PM. Availability of the Wi-Fi signal will vary from place to place. The signal strength also may vary from location to location.

- As per University IT data policy the free Wi-Fi usage quota is limited per Year to prevent misuse.UG students are provided 12GB, PG students are provided 16GB and Research Scholars/ Staffs 20GB per year. Extra data usage will be charged. Yearly/ Semester data quota policy may vary as per University directions.
- During University working hours mobile/smartphone Wi-Fi usage is prohibited for students.
- The access points provided in hostels and common areas are the property of University and any damage or loss of the equipment will be considered as a serious breach of University's code of conduct and disciplinary action will be initiated on the students who are found guilty for the loss or damage of the Wireless Infrastructure or the corresponding equipment's in the hostels and buildings. In the incident of any loss or damage to the wireless infrastructure, it will be assessed and the same will be recovered from all the students who are residing in that floor/building/hostel.

Wi-Fi Access Guidelines:-

Telecom Regulatory Authority of India (TRAI), statutory body that controls the Internet Service Providers (ISPs.) in India directed all Universities to take strong steps in strengthening the security of Wi- Fi networks and the users with Wi-Fi device should be registered with authorities and ensure that no other mobile clients, other than registered one, is allowed in Wi-Fi network access. University has rights to do lawful monitoring/logging of all internet user's activity and share it with statutory bodies, if warranted.

Any user or device that accesses Wi-Fi network shall:-

- Protect the user account from unauthorized use by not sharing the credentials to others for any reasons/mean. You will be held responsible for any misuse of your account. Maximum Number of Concurrent (simultaneous) logins for a user account is ONE device either laptop/tablet/smartphone.
- Use the Internet Judiciously and adhere to University/hostel policies.
- Incidences of actual or suspected

SUPER MARKET

Thottam Super Market is located inside the campus of the University. It caters to the daily needs of the staff & students of the institution at an affordable price. The super market is accessed by the local public too.

YOUTH RED CROSS

The Youth Red Cross Movement is one of the social services units of Hindustan Institute of Technology and Science. The motto of YRC is 'We Serve All'. Hindustan Institute of Technology and Science YRC follows the Principles of the International Humanitarian Law and conducts various social activities based on the Principles of Humanity, Distinction, Military Necessity, Prevention of Unnecessary Suffering and Proportionality.

NATIONAL SERVICE SCHEME

The N.S.S. Unit has been functioning in Hindustan Institute of Technology and Science since 1990. This is a Central Government approved programme. The students actively participate in many social activities apart from their academics. The unit had done many commendable social service activities in various nearby villages to improve their socio-economic status. The NSS unit aims to mould the students as better citizens of tomorrow. The unit also gives importance to the personality development, creating social awareness and makes to build a better environment.

NATIONAL CADET CORPS

The National Cadet Corps (Air Wing) of Hindustan Institute of Technology and Science has an enrollment of 100 cadets both boys and girls. The cadets attend various camps. Every year they participate in the Republic Day Parade at New Delhi and also at Marina Beach, Chennai. The cadets are trained to be an active team member. NCC helps the students to lead a disciplined life.

CULTURALS

The Cultural Activities at Hindustan Institute of Technology and Science provides a varied exposure to the outside world. There is a separate cultural team that trains the students in various activities. The Spring Boots Academy of Dance in Hindustan Institute of Technology and Science teaches various dance forms and also helps students to participate in National and International Dance Competitions. The students also have access to musical instruments like guitar, drums, flute, tabla, tambourine, etc. There I also a well-qualified and experienced voice trainer to train the students in singing.

REPROGRAPHIC FACILITIES

There are more than 10 photocopying machines available at various places on campus. This helps the staff & students to photocopy materials essential for academic purposes. Printers are also provided for each department for the academic use.

CANTEEN & FAST FOOD

The Archana Canteen on campus is a cafeteria and provides Indian, Chinese and Continental recipes for staff and students. The Orient Food Bakery and Spicy Fast Food, sells snacks, coffee, milk shakes, etc. There is also an ice-cream parlour on campus. All these eateries are near main building and are used not only by staff & students but also by visitors. Venue canteen named Garage Café is available in the campus

GYMNASIUM

The University has a state-of-the-art gymnasium on campus. Both staff and students use the fitness equipments in the gym to maintain their physical fitness. The gym is open in the morning from 6 a.m. to 8.a.m. and in the evening from 4.30 p. m. to 7.30 p.m.

OTHER ACTIVITIES

Apart from the above mentioned facilities, the University provides training for students in Boxing, Kung Fu, Parkour, Gymnastics and Horse Riding. The training is given by professionals and the classes are conducted after 4.30 p.m.

(vi) Research output of the institution

1.0 Eligibility

1.1 Minimum Educational Qualifications for Regular Full Time / Part Time Research

The minimum educational qualifications for admission to the Ph.D. program of the Institute are as follows:

➤ Ph.D. IN ENGINEERING

- (a) Master's degree in Engineering/Technology in relevant branch with a good academic record and having a valid GATE score or equivalent qualification tenable for the current year in the relevant area.
- (b) Master's degree in Engineering/Technology in relevant branch with second class.
- (c) In those cases in which class is not awarded in the qualifying examination but only marks, the candidate should have obtained a minimum of 55 % mark.
- (d) In those cases in which class is not awarded in the qualifying examination but only grades, the candidate should have obtained a CGPA 6.1 on a seven point scale.
- (e) Master's degree by Research in Engineering/ Technology disciplines, with a good academic record.
- (f) A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/differently-abled and other categories of candidates as per the decision of the Commission from time to time.

➤ **Ph.D. IN HUMANITIES AND SCIENCES INCLUDING PHYSICAL EDUCATION**

- a) Master's degree in an eligible discipline/MCA with a good academic record and having a valid GATE score or UGC/CSIRNET/NBHM or equivalent qualification tenable for the current year in the relevant area.
- b) Master's degree in an eligible discipline/MCA with **second class**.
- c) In those cases in which class is not awarded in the qualifying examination but only marks, the candidate should have obtained **a minimum of 55 % mark**.
- d) In those cases in which class is not awarded in the qualifying examination but only grades, the candidate should have obtained a **CGPA 6.1 on a seven point scale**.
- e) Master's degree by Research in eligible discipline, with a good academic record.
- f) For M.A. (English) Degree holders, the minimum marks is 55 percent.
- g) Candidates who get more than 8.0 CGPA in M.Sc. in Science Departments from any other University can be admitted directly to their Ph.D. programme in Sciences with interview at departmental level.
- h) For S.C. / S.T. candidates: second class with a minimum of 55 percent marks is permissible. However for M.A. in English, a minimum of 50% is permissible.
- (i) A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/differently-abled and other categories of candidates as per the decision of the Commission from time to time.

➤ **Ph.D. IN ARCHITECTURE AND PLANNING**

- a) Master's degree in an eligible discipline with a good academic record or equivalent and having a valid GATE score or UGC/CSIRNET/ NBHM or equivalent qualification tenable for the current year in the relevant area.
- b) Master's degree in an eligible discipline with **second class**.
- c) In those cases in which class is not awarded in the qualifying examination but only marks, the candidate should have obtained **a minimum of 55 % mark**.
- d) in those cases in which class is not awarded in the qualifying examination but only grades, the candidate should have obtained a **CGPA 6.1 on a seven point scale**.
- e) Master's degree by Research in eligible discipline, with a good academic record.
- f) For S.C./ S.T. candidates: second class with a minimum of 55 percent marks is permissible
- g) A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/differently-abled and other categories of candidates as per the decision of the Commission from time to time.

➤ **Ph.D. IN MANAGEMENT**

- a) Master's degree or equivalent PG Diploma or Associateship (CA/ICWA etc.) in any discipline, and a Bachelor's degree with a minimum of 60 percent marks OR Qualifying in national level examinations such as JMET /CAT /XAT /MAT /ATMA /GATE /UGC or CSIR / NET / JRF or Lectureship or equivalent or international level post graduate admission examination such as GMAT / GRE or equivalent. (a minimum of 55 % mark / CGPA 6.1 on a seven point scale)
- b) Five year integrated master's degree / dual degree or equivalent in any discipline with a minimum of 55 percent marks OR Qualifying in national level examinations such as JMET /CAT /XAT /MAT /ATMA /GATE /UGC or CSIR/NET / JRF or Lectureship or equivalent or international level post graduate admission examination such as GMAT / GRE or equivalent.
- c) Master's degree in Engineering / Technology with a good academic record (mentioned in para 3.1.1) or a Master's degree by Research in Engineering / Technology in a relevant discipline are exempted from qualifying in National level examinations.
- d) A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/differently-abled and other categories of candidates as per the decision of the Commission from time to time.

➤ **INSTITUTE STAFF MEMBERS / RESEARCH SCHOLARS UNDER EXTERNAL REGISTRATION/RESEARCH SCHOLARS WORKING ON PART TIME BASIS.**

- For Research Scholars in the above categories, the minimum educational qualifications are the same as prescribed for full time research Scholars in 3.1.1, 3.1.2, 3.1.3 and 3.1.4 for admission to the Ph.D. programme in the respective categories. However, valid GATE score or CSIR / UGCJRF or Lectureship / NBHM / JMET / CAT / AIMA or equivalent qualification as applicable for regular full time research scholars may not be required in these cases.
- The research scholars may be admitted to the Ph.D. programme under the part time Category from a reputed University/ Institution/ Organization and they must have a minimum of two years' experience for Ph.D. in the case of registration in Engineering / Science / Social Sciences / Management Studies.
- HITS/HU will not conduct Ph.D. Programmes through distance education mode.

- The candidates studied their PG or M.Phil. Degree courses in foreign Universities should produce equivalency certificate from recognized Indian universities.

Publication Trend



CURRENT YEAR (2016) IN STATS:

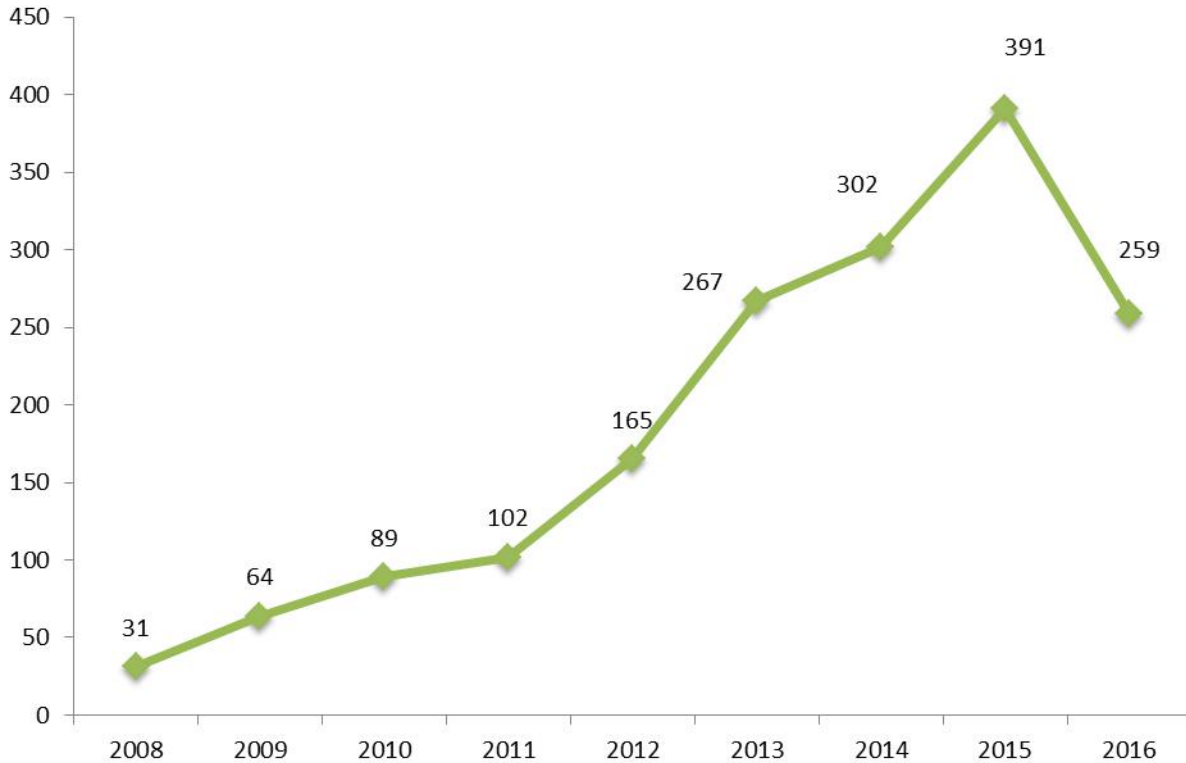
The current year 2016 have 221 Publications and this count will increase by the end of the year.

Current year (2016) numbers are not shown in the chart above, as it does not reflect the full year's performance.

JOURNAL PUBLICATION TREND

The research identified a total of **1,744** Journal Publications by authors affiliated to the 'Hindustan Institute of Technology and Science' from the period from 01-Jan-2008 to 25-Jul-2017.

FIGURE 3: JOURNAL PUBLICATION TREND ANALYSIS



CURRENT YEAR (2017) IN STATS:

The current year 2017 have 74 Journal publications and this count will increase by the end of the year.

Current year (2017) numbers are not shown in the chart above, as it does not reflect the full year's performance.

TABLE 3: JOURNAL INDEXING TABLE

YEAR	INDEXED PUBLICATIONS	NON-INDEXED PUBLICATIONS	TOTAL PUBLICATIONS
2008	13	18	31
2009	42	22	64
2010	41	48	89
2011	59	43	102
2012	105	60	165
2013	141	127	267
2014	236	66	302
2015	256	135	391
2016	200	60	259
2017*	69	5	74
TOTAL	1,160	584	1,744

TABLE 4: JOURNALS DATABASE SPREAD

YEAR	INDEXED DATABASE		TOTAL INDEXED	TOTAL PUBLICATIONS
	SCOPUS	WOS		
2008	12	7	13	31
2009	31	15	42	64
2010	29	18	41	89
2011	38	12	59	102
2012	64	11	105	165
2013	51	23	140	267
2014	83	19	236	302
2015	142	47	256	391
2016	101	48	199	259
2017*	38	14	69	74
Total	589	214	1,160	1,744

The Summation of the individual database count will not equal the total publications as the total publications include both Indexed and Non-Indexed and one publication can be indexed in more than one database.

JOURNAL QUALITY METRICS

TABLE 7: JOURNAL QUALITY METRICS			
YEAR	AVERAGE Source Normalized Impact Factor (SNIP)	AVERAGE SCImago Journal & Country Rank (SJR)	AVERAGE Impact Factor (IF)
2008	0.775	0.521	1.415
2009	0.831	0.556	1.544
2010	0.667	0.466	1.030
2011	0.517	0.314	1.027
2012	0.494	0.286	0.937
2013	0.612	0.489	1.811
2014	0.548	0.396	2.517
2015	0.540	0.390	2.517
2016	0.871	0.511	1.902
2017*	0.618	0.405	1.694
AVERAGE (CONSOLIDATED)	0.647	0.433	1.622

TABLE 8: JOURNAL QUALITY RANGE (2008-2017)		
QUALITY METRIC	LOWEST RANGE	HIGHEST RANGE
SOURCE NORMALIZED IMPACT FACTOR (SNIP)	0.023	3.315
SCImago JOURNAL RANK (SJR)	0.100	5.290
IMPACT FACTOR (IF)	0.044	8.299

h- Index = 19

(Of the 769 documents identified and considered for the h-Index, 19 have been cited at least 19 times.)



HINDUSTAN

INSTITUTE OF TECHNOLOGY & SCIENCE
(DEEMED TO BE UNIVERSITY)

Centre for Research & Consultancy Ongoing Funded Projects

S.No.	Title	Investigator(s) & Department	Amount (Rs.in lakhs)	Date of Sanction & Duration	Funding Agency
1	Coupled fluid structure interaction studies due to underwater explosion around submerged composite pressure hull	Dr. K. Ramajeyathilagam, Senior Professor - Aero. and Mr. C. Suresh, Assistant Professor - Aero.	39.6	22.08.2017 3 Years	NRB (HAD)
2	Intelligent Systems for adaptive enhancement of Images of Underwater Images for Accurate objects Recognition.	Dr.M.M.Ramya ANRO	20.01	28.02.2013 3 Years	NRB (DRDO)
3	Enhancement of photovoltaic efficiency by down conversion phosphors for Underwater solar panels towards Naval applications.	Dr.Pushpamithira Panghiri CENCON	24.46	03.06.2013 2 Years	NRB (DRDO)
4	Development of CO ₂ Absorbant as IS-5321 Standard using Indigenous Raw Materials.	Dr.PS. Raghavan, Chemistry	18.84	05.05.2014 2 Years	NRB (DRDO)
5	Nanoparticles of TPA and CsTPA as catalysts for Biodiesel Production from used cooking Oils with High Acid Value.	Dr.A.Anitha Chemical	24.31	19.08.2014 3 Years	DST (Alternate Fuel)

6	Hybrid Energy Management System using Cyber – Physical Controller for Real time EMS of Micro-grid Applications.	Dr.AK.Parvathy EEE	35.95	22.12.2014 2 Years	MNRE
7	Design & Development of 1 KW Hybrid Vertical Axis Wind Turbine System for Low wind Speed Regimes.	Dr.M.Premkumar Mechanical	28.61	30.12.2014 2 Years	MNRE
8	Development of Multi-functional Nano carriers for Cancer Theranostics.	Dr.M.Prabaharan Chemistry	55.56	31.10.2014 3 Years	DST (Nano-mission)
9	Trainer for Tactical Warfare	Dr.M.M.Ramya ANRO	9.63	22.04.2015 Years	CVRDE (DRDO)
10	Numerical Bird Material Model Parameters through Dynamic Test of Brid Projectile	Dr.K.Rama jeyathilagam Aero	9.66	08.09.2015	GTRE (DRDO)
11	Recovery of hydrogen from sulphide waste streams	Dr.V.Preethi Civil	10.50	22.03.2016 3 Years	SERB
12	Adaptive Controlled Non-contact Suction Chamber and Cup based Wall Climbing Robot	Dr.UppuRamachandraiah& G.Muthukumaran EIE	23.80	15.04.2016 3 Years	BRNS (DAE)
13	Development of Austempered Ductile Iron for Automotive Casting	Dr.HarrisSamuael& Dr. Dinakaran Mech	49.26	06.01.2016 2 Years	Newton Bhaba Fund (India – UK project)
14	Development of Multichannel Adaptive Active Noise Control System adjacent to Noisy Equipment	Dr.UppuRamachandraiah& G.Muthukumaran EIE	24.31	18.04.2016 3 Years	BRNS (DAE)

15	Embedding Problems in Networks and Applications	Dr. R. SundaraRajan Maths	15.00	21.04.2016 3 Years	NBHM
16	Enhancement of heat transfer using silicon carbide nanoparticles and whiskers based Nano fluids	Dr.N.Kavitha Chemical	27.37	04.07.2016 3 Years	DST
17	Distance based topological indices problems in cheminformatics and its applications	Dr. R. SundaraRajan Maths	15.00	29.12.2016 3 Years	DST (SERB)
18	Development of microwave assisted lead-free high performance piezoelectric materials	Dr. Rajim Ali Mondal Physics	35.23	10.01.2017 3 Years	DST (SERB)
19	Application of NDT for Foundry Products and improving skill of Indian Foundry Men	Dr.D.Dinakaran ANRO	42.00	23.02.2017 3 Years	Newton Bhaba fund
20	Composites Fuel Tanks for MBT	Dr.Ramakrishnan Mechanical	21.50	08.05.2017	CVRDE (DRDO)
Total			530.60		

Hindustan Institute of Technology and Science (HITS)

Chennai - 603 103

Centre for Research & Consultancy

PROPOSALS SUBMITTED

S.No	Title of the Project	Dept.	Amount (in Lakhs)	Funding Agency
1	Enhancing Power System reliability using Multiple FACTS Devices	Dr.A.K.Parvathy Dept. of EEE	25.00	CPRI
2	Development of Economical and Efficient Solar cells towards "Clean Energy" Solutions	Dr.R.Sudarkodi CENCON	400.00	MHRD (FAST)
3	Establishment of Centre for Integrated Solid Waste & Water Management Environment	Dr.V.Subbiah Civil Engg.	352.00	MHRD (FAST)
4	3-Way Catalytic Converter for Automobile- Phase-1: Development of Non -Noble Metal Oxide Catalyst	Dr.Induja Dept. of Chemistry	23.70	Ministry of Environment & Forests
5	"Suraksha Chudi" Design & Development of Warning and Protecting System for Women	Dr.G.Ilavazhagan Director (Research)	25	Ministry of Home Affairs
6	Design And Development of Intelligent Controller For a Wind - Solar Hybrid System.	Dr.Uppu Ramachandriah Dept. of EIE	24.03	DST (SERI)
7	"Development of Remote Monitoring System for performance evaluation of small wind energy Hybrid systems / aero generators including assessment of wind potential and its analysis"	Dr.Uppu Ramachandriah Dept. of EIE	45	DST (SERI)

8	Development of Eco-Friendly , Slow Release Phosphate Based Material Incorporated With Essential Micro And Macronutrients For Efficient Plant Growth	Dr.P.S.Raghavan Dept. of Chemistry	65.02	DST (Nano mission)
9	Centre of excellence for technolical developments and cultural studies	Dr.S.Ramachandran Vice - Chancellor	118.4	Ministry of Tribal Affairs
10	Green Synthesis of quinolones and naphthyridines and their biological studies as anti-bacterial agents	Dr.P.V.Rajeev Dept. of Chemistry	24.7	CSIR
11	Development of Software for propulsion shaft alignment of ships and submarines	Dr.K.Ramajeyathilagam Dept. of Aero	41.14	NSTL
12	Manufacturing of Low Cost Magneto Rheological Fluid	K.Kamalakkannan Dept of Auto	39.38	DST
13	Development Of An Equipment To Study The Effect Of Temperature And Pressures On Corrosion Of A Dynamic System	Dr. S. Ravindran Dr.A.Saravanan	50.54	DST
14	Contemporary Attribute Based Access Control through Encrypted SAML Tokens for Big Data Security.	Dr.Rubesh Anand Dr. Ramesh Kumar	40.15	DST (Big Data)
15	IOT based Systems for Naval Vessels	Dr.Venkata Subramanian School of Computing Science	18.40	NRB
16	Design and Development of Patient Assistive Robot.	Dr.Dinakaran ANRO	33.95	Deity
17	Facility Locations in City Networks and Communication Networks using Monophonic Distance in Graphs	Dr. A.P. Santhakumaran Prof.(Maths)	17.89	DST (SERB)

18	Pilot- Scale Studies on Hydrogen Recovery Using Solar Energy	Dr.V.Preethi Dept. of Civil	57.95	DST (SERB)
19	Multifunctional Underwater Inspection Robot enabled with water free zone NDE and service facility.	Dr.Uppu Ramachandriah Dept. of EIE	50.00	NP- UMV
20	Condition Monitoring Of Gun Barrel for the Correction Of Muzzle Velocity And Reducing Instability	Dr.Dinakaran ANRO	39.68	CVRDE (DRDO)
21	Siesmic Performance of High Vol. Fly Ash Concrete	Dr. Joanna & Dr. Jessy Ruby	35.00	BRNS
22	Optimisation of growth parameters to synthesize highly ordered titanium dioxide nanotubular arrays for achieving improved efficiency in perovskite solar cells	Dr.Suganrhi Devadason Dept of Physics	46.75	DST SERB
23	Study and analysis of optically encoded multiplexing for parallel multipoint sensing	Dr.Uppu Ramachandriah Dept. of EIE	50.55	DST SERB
24	Metaheuristics for Scalable Routing in MANET	Dr. Jinil Persis Devarajan Dept of CSE	21.31	Eppms
25	Marine Boundary patrolling in a pursuer Evader frame work	Dr.R.Devanathan Dept of EEE	250.00	NDRE
26	Design , Analysis and Testing of composite hull for ROV	Dr.K.Asokan Dept of Aeronautical	48.00	DRF
27	Photocatalytic Reduction of air pollutant using quantum dot – Sensitized titanium dioxide nanotubes	Dr.Suganrhi Devadason Dept of Physics	35.84	DST NANOMISSION
28	Multilingual Nativity Recognition System	Dr.M.Rajeshwari Dept of CSE	11.83	DRDO (EMR)

29	Characterization of Brake pad of Landing Gear of UAV	Dr.Darius Gnanaraj Dept of Mechanical	9.85	DRDO CVRDE
30	Distance based topological indices problems in cheminformatics and its applications	Dr. Sundararajan Dept of Mathematics	14.95	DST-SERB (YSS)
31	Development of an improved automated breast cancer diagnosis system using infrared imaging and analysis	Dr.Prabha Srinivasagam Dept of ECE	18.5	DST-SERB (YSS)
32	IoT based Mobile App for livestock farming in India	Dr. Jinil Persis Devarajan Dept of CSE	22.5	DST-SERB (YSS)
33	Development of microwave assisted lead -free high performance piezoelectric materials	Dr. Rajim Ali Mondal Dept of Physics	35.23	DST-SERB (YSS)
34	Development of an Automated method to Differentiate Mild Cognitive Impairment and Alzheimer in MR images for Early Diagnosis using Adaptive Level set.	Dr.Prabha Srinivasagam Dept of ECE	24.09	DST-SERB (YSS)
35	“Disclosing ideas of how to appropriately share the burdens resulting from natural and manmade disasters; assembling a methodology on how to minimize and disperse the risks associated with future disasters”	Dr.S.Ravindran Dept of Automobile	15.62	The Toyota Foundation Research Grant Program 2016
36	Low Voltage Ride Through Improvement of DFIG Based Wind Turbine Generators With Grid Integration.	Dr.A.K.Parvathy Dept of EEE	35.78	NIWE
37	“Development of Performance Prediction model for Electrostatic Precipitator”	Dr.Sekhar Dept.of EEE	30.65	CPRI

38	Preparation of Highly Active and Inexpensive Iron Phosphide Nano Electro catalyst on Carbon Cloth for Hydrogen Evolution Reaction	Dr.Sendhil.J Dept. of Chemical Engg.	34.82	DST (SERB)
39	An Experimental and Numerical Investigation into the maneuvering performance of an AUV equipped with Predictive Controller	Dr.Vasudevan Dept.of Mechanical	34.41	NRB
40	An Experimental and Numerical Investigation into the maneuvering performance of an AUV	Dr.Vasudevan Dept.of Mechanical	25.79	NRB
41	Development of a small Plant for Biodiesel production and Investigation on using Biodiesel in Variable Compression Ratio(VCR) Engine	Dr.Jaikumar Dept.of Automobile	38.1	SERB
42	To Develop a Low Cost System for Testing the Tribological Behaviour of Diesel Engines using Vegetable Oil (Waste Cooking Oil-WCO) as Fuel	Dr.Jaikumar Dept.of Automobile	48.70	SERB
43	Development of Composite Fuel Tanks for MBT	Dr. Ramakrishnan Dept.of Mechanical	23.95	CVRDE
44	Utilization and Development of Low Calcium, High Calcium Fly Ash Based Geo Polymer Building Blocks and Precast Components	Dr. Jessy Rooby & Mr.P.Ravikumar Dept.of Civil	45.21	DST
45	Dispersal of Crude Oil spill using biosurfactant producing microorganism	Dr.Samuel Devadoss Dept.of Civil	42.83	DST
46	Analysis and modeling of release Kinetics in Hyaluronic acid crosslinked gels of varying network structure	Dr.K.Jagadeeshwar Dept.of Chemical	30.00	DST

47	Application of NDT for Foundry Products and improving skill of Indian Foundry Men	Dr.D.Dinakaran ANRO	42.00	Newton Bhaba fund
48	Satellite Frequency supported and WiFi Enabled Balloons to support Cell Phone Towers for Providing broadband access in disaster - Phone areas	Dr. Ceronmani Sharmila Dept of IT	28.24	DST
49	Performance Evaluation of Antioxidant Stabilized Biodiesel and Blends from Waste Cooking Oil using Heteropolyacid	Dr.A.Anitha	39.48	DST
Total			2631.91	

(vii) The placement profile of the pass-outs of the institution



Welcome to Department of Placement, Hindustan Institute of Technology and Science

Hindustan Institute of Technology and Science provide an environment that fosters not only the intellectual but also the overall personality development to its students. Personality Development Workshops are organized in the University for all enrolled students with a view to equip them with the necessary soft skills required to beat the stringent selection process and emerge successfully in today's competitive world. The students are exposed to intensive training for acquiring Communication, Motivation and Leadership Skills. They gain essential inputs in goal setting and team building. They also undergo Case Study Analysis, Extempore, Group Discussion and Personal Interview Session. More than two thousand students of pre-final and final year undergraduate and postgraduate programs are benefited from these workshops every year. The University considers training and placement as its key duties to every student who enrolls with the University.

The Placement Office of the University provides equal opportunity to all enrolled students to:

- *Attend campus interviews conducted for leading companies.*
- *Do In-Plant Training*
- *Prepare the students to excel in Aptitude Test, Group Discussions and Interviews.*

HINDUSTAN CAMPUS RECRUITMENT DRIVE 2017 (HCRD'17)

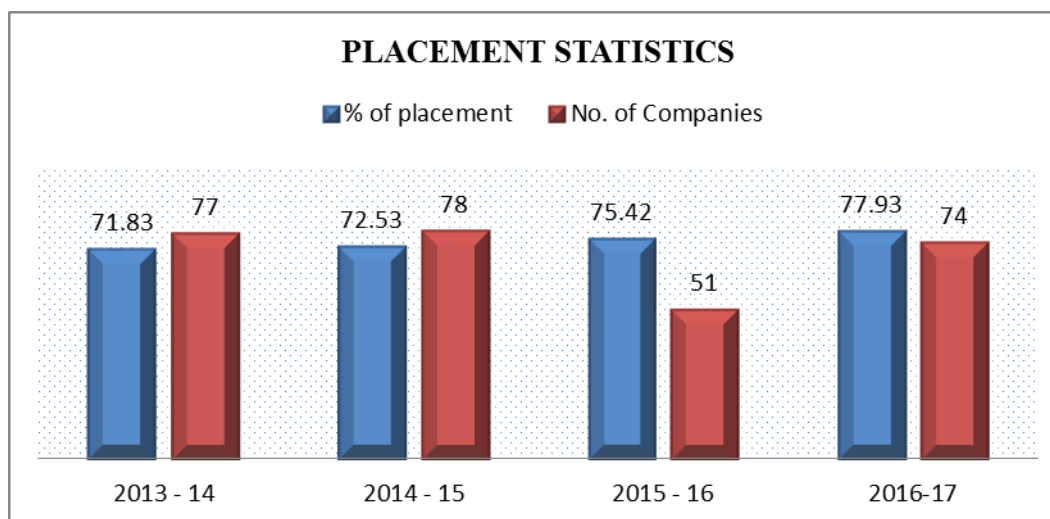
This year, **74** multi-national and national companies hosted their Campus Recruitment drive in our University. Indian Navy, Amazon, Juspay, DBS Bank, Mahindra & Mahindra, Protechsoft, EmberUR Systems, Kaar Technologies are the few recruiters given dream status and **M/s Amazon** was the major International recruiter. Also, it is worth mentioning that they have offered the highest CTC of **INR 15 Lakhs Per Annum**. Among the **580** eligible students **452** students got placed with average salary of **4.8** lakhs per annum and we attain **77.93** percentage of Placement.

CAREER GUIDANCE SESSIONS

To explore the career opportunities for Engineers in other Sectors like Atomic Energy and Banking, Placement Department arranged Career Awareness Programme for all final year students by Professionals from State Bank of India and Bhabha Atomic Research Centre, Govt. of India.

PLACEMENT STATISTICS

<i>Academic Year</i>	<i>% of placement</i>	<i>No. of Companies</i>
2013 - 14	71.83	77
2014 - 15	72.53	78
2015 - 16	75.42	51
2016-17	77.93	74



This is an improved score card which gives an insight to the improving education system of Hindustan Institute of Technology and Science.

HCRD'17 LIST OF ESTEEMED RECRUITERS WHERE HINDUSTAN STUDENTS ARE PLACED

<i>Sl. No.</i>	<i>Name of the Company</i>	<i>Sl. No.</i>	<i>Name of the Company</i>
1	Infosys	38	Kaar Technologies.
2	Indian Navy	39	Juspay
3	Capgemini	40	Accenture
4	Tech Mahindra	41	DBS Bank
5	Volante Technologies	42	Zoho Corporation
6	CGI	43	HCL
7	Amazon	44	Polaris
8	SANMAR Group	45	Oracle
9	Audi	46	TAFE
10	PORCSH	47	Bosch
11	Volkswagon	48	Makerdemy
12	EmbeddedUR Systems	49	Yaskawa
13	IBM	50	Captronics,
14	SYSVEDA Information Technology	51	Valued Epistemics
15	Sutherland Global Services	52	Godrej Infra
16	Data Patterns	53	Nippon Paint
17	CSS Corp	54	SMART
18	TATA AIG	55	Country Garden Group
19	Avasoft	56	TATA Advanced Materials
20	FACE	57	Pratian Technologies
21	Wipro	58	Aithent Technologies
22	GAMESA	59	Fisher,Chennai, Unit of Emerson
23	Mphasis	60	SQS India BFSI,
24	Vestas Wind Technology	61	Newgen
25	Bigfday	62	TATA Communications,
26	Think 42 Labs	63	HTC Global
27	Jasmin Infotech	64	Integra Software Services
28	Scriplogix	65	Whirldata Labs
29	Satyam Venture	66	ATOS
30	Qspiders	67	Intellect Design Arena
31	Neeyamo	68	Bhawar Group
32	HDFC	69	IDBI Federal
33	Mahindra & Mahindra	70	Marwadi University

34	Aegis	71	VVDN Technologies
35	First Source Solutions	72	Ideas2IT
36	iOPEX Technologies	73	Mckinsey & Co
37	L&T	74	Muthoot Finance

HCRD'17 LOGO OF ESTEEMED RECRUITERS



Get the Hindustan Campus Recruitment Drive (HCRD) advantage!

- Visit of Top IT Services Companies
- Dream Offers

- Visit of Top IT product companies
- Visit of Top Core Engineering Companies
- Internships
- Training

Placement Process

- Placement Registration
- Training
- Eligibility Criteria- 60% in X, XII, UG and PG as applicable - No Current Arrears/ No History of arrears - Academic gap

(viii) All relevant approvals from statutory bodies.

1. (a) MHRD - Notification

This Institution is awarded 'B' category in the Review by Task Force Committee constituted by the Ministry of Human Resource Development (MHRD) to review the functioning of Deemed to be Universities during March 2013.

(b) NAAC

This University has been Accredited by National Assessment and Accreditation Council (NAAC) an Autonomous Institution of the University Grants Commission with 'A' Grade.

(c) COA - Approvals

The Architecture programmes (both UG & PG) offered by this University is also duly approved by Council of Architecture, an Autonomous statutory body of Government of India, under the Architecture Act, 1972.

(d) IAO

This University is accredited by IAO (International Accreditation / Quality Assurance Organization) is an international quality assurance agency, working to improve quality assurance standards of organizations all over the world.

(e) NBA

B.Tech. Aeronautical Engineering programme is accredited by National Board of Accreditation (NBA), a New Delhi.

(f) AIU

The University is a Member of Association of Indian Universities (AIU) which is a registered society under the Society Registration Act, 1860 with membership of Indian Universities.

(g) Association of Commonwealth University

The Association of Commonwealth Universities (ACU) is the world's first international university network, established in 1913.

A UK-registered charity, the ACU has more than 500 member institutions in over 50 countries. ACU brings together many of the most prestigious and well-funded universities internationally with relatively new institutions in some of the world's least developed countries.

HITS are an active member of ACU and have been participating in several activities of ACU.

(f) QS Star

QS Stars rated for excellence 2017

Overall 3 star 5 Stars Teaching, Employability, Facilities, Innovation and Inclusiveness



Hindustan University

The QS Intelligence Unit has, through rigorous and independent data collection and analysis of performance metrics as set out in the QS Stars™ methodology, rated Hindustan University as a Three Stars institution.



The QS Stars™ rating system is operated by the QS Intelligence Unit, the independent compiler of the QS World University Rankings® since 2004. The system evaluates universities across a wide range of important performance indicators as set against pre-established international standards. By covering a broader range of criteria than any world ranking exercise, QS Stars™ shines a light on both the excellence and the diversity of the rated institution.

CATEGORY	STAR RATING
Teaching	★ ★ ★ ★ ★
Employability	★ ★ ★ ★ ★
Internationalization	★ ★
Facilities	★ ★ ★ ★ ★
Innovation	★ ★ ★ ★ ★
Inclusiveness	★ ★ ★ ★ ★
Overall	★ ★ ★



Ben Sowter - Head of QS Intelligence Unit

(ix) The structure of the fee charged for each course along-with other funds like institutions development etc.

U.G. PROGRAMMES

Fee Structure

LATERAL ENTRY SCHEME (LES)

B.TECH. AERO (AEROSPACE) / (AVIONICS)

Particulars	2nd Year (Rs.)	3rd Year (Rs.)	4th Year (Rs.)
Tuition fee (includes Flight Orientation Programme)	2,20,000	1,92,500	1,92,500
Provisions & Utilities	57,500	26,000	26,000
Total	2,77,500	2,18,500	2,18,500

LATERAL ENTRY SCHEME (LES)

**B.TECH - AUTO/MOTOR SPORTS/AUTOTRONICS/ECE/
BIO-MEDICAL /MECH / MECHATRONICS**

Particulars	2nd Year (Rs.)	3rd Year (Rs.)	4th Year (Rs.)
Tuition fee	1,48,500	1,48,500	1,48,500
Provisions & Utilities	52,500	26,000	26,000
Total	2,01,000	1,74,500	1,74,500

LATERAL ENTRY SCHEME (LES)

**B.TECH.- BIO-TECH/CHEMICAL /CIVIL/CONS.ENGG. & MGT/
STRUCTURAL ENGG. /ENVIRONMENTAL ENGG. & WATER
RESOURCES/CSE/INFORMATION SECURITY/DISTBD.
ENTERPRISE SYSTEM/EEE/ENERGY ENGG. /EIE/
ROBOTICS & CONTROL/IT/CLOUD COMPUTING/
CYBER SECURITY**

Particulars	2 nd Year (Rs.)	3 rd Year (Rs.)	4 th Year (Rs.)
Tuition fee	1,32,000	1,32,000	1,32,000
Provisions & Utilities	52,500	26,000	26,000
Total	1,84,500	1,58,000	1,58,000

Fee Structure for 2018-19

B.TECH. AERONAUTICAL ENGG. / AEROSPACE ENGG.

Particulars	1 st Year (Rs.)	2 nd Year (Rs.)	3 rd Year (Rs.)	4 th Year (Rs.)
Tuition fee (includes Flight Orientation Programme)	2,52,500	2,21,500	2,21,500	2,21,500
Provisions & Utilities	57,500	26,000	26,000	26,000
Total	3,10,000	2,47,500	2,47,500	2,47,500

B.TECH. - AUTO/ECE/ BIO-MEDICAL / MECH / MECHATRONICS

Particulars	1 st Year (Rs.)	2 nd Year (Rs.)	3 rd Year (Rs.)	4 th Year (Rs.)
Tuition fee	1,71,000	1,71,000	1,71,000	1,71,000
Provisions & Utilities	52,500	26,000	26,000	26,000
Total	2,23,500	1,97,000	1,97,000	1,97,000

B.TECH. - BIO-TECH / CHEMICAL / CIVIL / CSE / EEE / IT / IT (CYBER SECURITY)

Particulars	1st Year (Rs.)	2nd Year (Rs.)	3rd Year (Rs.)	4th Year (Rs.)
Tuition fee	1,52,000	1,52,000	1,52,000	1,52,000
Provisions & Utilities	52,500	26,000	26,000	26,000
Total	2,04,500	1,78,000	1,78,000	1,78,000

**B.ARCH. (5 yrs.) / B.Des. FASHION DESIGN (4 yrs.) /
B.Des. INTERIOR ARCHITECTURE (4 yrs.)**

Particulars	1st Year (Rs.)	2nd Year (Rs.)	3rd Year (Rs.)	4th Year (Rs.)	5th Year (Rs.)
Tuition fee	1,99,500	1,99,500	1,99,500	1,99,500	1,99,500
Provisions & Utilities	43,500	19,000	19,000	19,000	19,000
Total	2,43,000	2,18,500	2,18,500	2,18,500	2,18,500

EVENING COURSES

CIVIL / CSE / IT / ECE / MECH

Particulars	1st Year (Rs.)	2nd Year (Rs.)	3rd Year (Rs.)	4th Year (One semester only) (Rs.)
Tuition fee	40,000	40,000	40,000	20,000
Provisions & Utilities	20,500	9,000	9,000	9,000
Total	60,500	49,000	49,000	29,000

B.Sc. (FOOD TECHNOLOGY)

Particulars	1st Year (Rs.)	2nd Year (Rs.)	3rd Year (Rs.)
Tuition fee	35,000	35,000	35,000
Provisions & Utilities	17,500	8,000	8,000
Total	52,500	43,000	43,000

B.Sc. (FASHION DESIGN)

Particulars	1st Year (Rs.)	2nd Year (Rs.)	3rd Year (Rs.)
Tuition fee	55,000	55,000	55,000
Provisions & Utilities	17,500	8,000	8,000
Total	72,500	63,000	63,000

B.Sc. AIRCRAFT MAINTENANCE ENGG. / AVIONICS

Particulars	1st Year (Rs.)	2nd Year (Rs.)	3rd Year (Rs.)
Tuition fee	40,000	40,000	40,000
Provisions & Utilities	17,500	8,000	8,000
Total	57,500	48,000	48,000

B.Sc. (VISUAL COMMUNICATION)

Particulars	1st Year (Rs.)	2nd Year (Rs.)	3rd Year (Rs.)
Tuition fee	76,500	76,500	76,500
Provisions & Utilities	17,500	8,000	8,000
Total	94,000	84,500	84,500

B.Com. (General) / B.Com. (Banking Mgt.) / BBA (General) /**BBA (Travel & Tourism Mgt.) / B.A. Economics**

Particulars	1st Year (Rs.)	2nd Year (Rs.)	3rd Year (Rs.)
Tuition fee	75,000	75,000	75,000
Provisions & Utilities	17,500	8,000	8,000
Total	92,500	83,000	83,000

B.C.A (General) / BCA (Database Systems) / BCA (Multi Media & Animation)

Particulars	1st Year (Rs.)	2nd Year (Rs.)	3rd Year (Rs.)
Tuition fee	45,000	45,000	45,000
Provisions & Utilities	17,500	8,000	8,000
Total	62,500	53,000	53,000

P.G. PROGRAMMES

MBA FOR ALL PROGRAMMES (EXCEPT MBA - AVIATION MANAGEMENT)

Particulars	I Year (Rs.)	II Year (Rs.)
Tuition fee (incl. Laptop and International Study Tour)	1,95,000	1,65,000
Provisions & Utilities	58,000	40,500
Total	2,53,000	2,05,500

MBA (Aviation Management)

Particulars	I Year (Rs.)	II Year (Rs.)
Tuition fee (including Laptop and Foreign Trip)	2,58,500	2,31,000
Provisions & Utilities	50,500	28,000
Total	3,09,000	2,59,000

MCA - Regular / Big Data Analytics / Cloud Computing

Particulars	1st Year (Rs.)	2nd Year (Rs.)	3rd Year (Rs.)
Tuition fee (Inclusive of Books for Rs.10,000/- each year)	65,000	54,000	54,000
Provisions & Utilities	38,000	20,500	20,500
Total	1,03,000	74,500	74,500

M.Sc. Chemistry / Material Science**M.A. English Language and Communication**

Particulars	1st Year (Rs.)	2nd Year (Rs.)
Tuition fee	15,000	15,000
Provisions & Utilities	28,500	17,000
Total	43,500	32,000

M.Tech. All Programs

Particulars	1st Year (Rs.)	2nd Year (Rs.)
Tuition fee (incl. Kit)	87,500	87,500
Provisions & Utilities	38,000	25,500
Total	1,25,500	1,13,000

M.Plan.

Particulars	1st Year (Rs.)	2nd Year (Rs.)
Tuition fee	62,000	45,000
Provisions & Utilities	33,000	25,500
Total	95,000	70,500

M.Arch. - (General / Housing) (3-Year Evening Course)

Particulars	1st Year (Rs.)	2nd Year (Rs.)	3rd Year (Rs.)
Tuition fee	42,500	42,500	42,500
Provisions & Utilities	33,000	20,500	20,500
Total	75,500	63,000	63,000

FEE STRUCTURE FOR FOREIGN NATIONALS/NRI_s FOR THE YEAR 2018 - 19

UNDERGRADUATE COURSES	2018-19 (1st year)	2019-20 (2nd Year)	2020-21 (3rd Year)	2021-22 (4th Year)	2022-23 (5th Year)
Aeronautical Engg. Aerospace Engg. Automobile Engg Mechanical Engg. Mechatronics Engg. B.Arch. (Architecture) B.Des. Fashion Design B.Des. Interior Architecture	US \$8000	US \$6000	US \$6000	US \$6000	US \$6000 (B.Arch.)
Electronics & Commn. Engg. Bio-Medical Engg. Chemical Engg. Computer Science & Engg. Civil Engineering Electrical & Electronics Engg. IT/ IT (Cyber Security) Bio-Technology					

Note: TF includes:

- a) Medical Insurance (for first year only)
- b) Book Kit
- c) One Study tour within India

Hostel Fees:

(i) Air-conditioned Twin sharing / Bath attached fully furnished rooms (including Boarding, Lodging, Laundry & Water Charges)	US \$4000 Per Year
(ii) Non air-conditioned (Double seated rooms) (including Boarding, Lodging, Laundry & Water Charges)	US \$2500 Per Year

FEE STRUCTURE FOR FOREIGN NATIONALS/NRI_s FOR THE YEAR 2018 -19

Courses	2018-19 (1 st year)	2019-20 (2 nd Year)	2020-21 (3 rd Year)
UNDERGRADUATE COURSES			
B.Com./B.Com. (Banking Mgt.) B.B.A./BBA (Travel & Tourism Mgt.) B.C.A./BCA (Multi Media Animation)/ BCA (Database Systems) B.Sc. (Aircraft Maintenance Engg.) B.Sc. (Avionics) B.Sc. Food Technology B.Sc. Visual Communication B.Sc. Fashion Design B.A. Economics	US \$5000	US \$2000	US \$2000

Note: TF includes:

- a) Book kit will be issued to all the 1st year students only
- b) Medical Insurance (for 1st year only)

Hostel Fees:

(i) Air-conditioned Twin sharing / Bath attached fully furnished rooms (including Boarding, Lodging, Laundry & Water Charges)	US \$4000 Per Year
(ii) Non air-conditioned (Double seated rooms) (including Boarding, Lodging, Laundry & Water Charges)	US \$2500 Per Year

**FEE STRUCTURE FOR FOREIGN NATIONALS/NRI's FOR THE YEAR
2018 - 2019**

POSTGRADUATE COURSES	2018-19 (1 st year)	2019-20 (2 nd Year)	2020- 21 (3 rd Year)
<p><u>School of Aeronautical Sciences:</u> M.Tech. Aero: Aeronautical Engineering/Air craft Maintenance Engg/Avionics/Avionics(UAV)</p> <p><u>School of Mechanical Sciences:</u> M.Tech. Automobile Engineering. M.Tech. Mechanical: Refrigeration & Air Conditioning / Engineering Design / Computer Aided Design / Thermal Engineering</p> <p><u>School of Building Sciences:</u> M.Tech. Civil: Construction Engg & Mgt. / Environmental Engg. / Structural Engg. M.Arch. General / Housing M.Plan.</p> <p><u>School of Computing Sciences:</u> M.Tech. C.S.E.: Internet / Data Science / Collaboration with IBM: Business Analytic & Optimization, Banking, Financial Services and Insurance. M.Tech. I.T. (Ethical Hacking) MCA: Regular / Big Data Analytics / Cloud Computing</p> <p><u>School of Electrical Sciences:</u> M.Tech. EEE: Power Electronics and Drives / Robotics & Control</p> <p><u>School of Management Studies:</u> MBA General: Aviation Management / Hospital and Health Care / Hospitality Management / Logistics and Supply Chain Management / Media and Entertainment Management / Defense Technology Mgt / Sports Mgt.</p>	<p>US \$6,000 (includes Intl. study tour & Laptop)</p>	<p>US \$5,000</p>	<p>US \$5,000</p>

School of Science & Humanities: M.A. English Language Communication M.Sc. Chemistry / Material Science.			
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Note: TF includes:

- a) Medical Insurance (for 1st year only)
- b) Books & Courseware (for MBA Programme only)
- c) Executive Kit-M.Tech/M.Arch Programmes (for first year only)
- d) Training / Conference fee to be paid to KCG infotech (20k)
- e) Residential compulsory for All

Hostel Fees:

(i) Air-conditioned Twin sharing / Bath attached fully furnished rooms (including Boarding, Lodging, Laundry & Water Charges	US \$4000 Per Year
(ii) Non air-conditioned (Double seated rooms) (including Boarding, Lodging, Laundry & Water Charges)	US \$2500 Per Year

FEE STRUCTURE FOR INDIAN NATIONALS FOR THE YEAR 2018-19
Ph.D. PROGRAMME

Category - I

External

Engineering /Management

DURATION: Ph.D.: 3 YEARS (6 SEMESTER-FT & PT)

Description	I Year (Rs.)	II Year (Rs.)	III Year (Rs.)
Tuition fee	46,000	46,000	46,000
Provisions & Utilities	34,000	23,000	23,000
TOTAL	80,000	69,000	69,000

- Note:**
- 1. If the course period extends more than 3 years, the scholar has to pay the yearly fees as applicable.**
 - 2. All library Photostat, computer print charges will be extra.**
 - 3. Rs.15,000/- will be charged as synopsis fee at the time of submitting the Synopsis.**
 - 4. Additional Fee of Rs. 20,000/- per year will be charged if required to extend the period beyond five years based on the requisite approvals.**

FEE STRUCTURE FOR INDIAN NATIONALS FOR THE YEAR 2018-19
Ph.D. PROGRAMME

Category-I

External

Science / Humanities

DURATION: Ph.D.: 3 YEARS (6 SEMESTER-FT & PT)

Description	I Year (Rs.)	II Year (Rs.)	III Year (Rs.)
Tuition fee	26,000	26,000	26,000
Provisions & Utilities	34,000	23,000	23,000
TOTAL	60,000	49,000	49,000

- Note:**
- 1. If the course period extends more than 3 years, the scholar has to pay the yearly fees as applicable.**
 - 2. All library Photostat, computer print charges will be extra.**
 - 3. Rs. 15,000/- will be charged as synopsis fee at the time of submitting the Synopsis.**
 - 4. Additional Fee of Rs. 10,000/- per year will be charged if required to extend the period beyond five years based on the requisite approvals.**

FEE STRUCTURE FOR INDIAN NATIONALS FOR THE YEAR 2018-19

Ph.D. PROGRAMME

Category-II

Internal

Engineering/Management

DURATION: Ph.D. : 3 YEARS (6 SEMESTER-FT & PT)

Description	I Year (Rs.)	II Year (Rs.)	III Year (Rs.)
Tuition fee	30,000	30,000	30,000
Provisions & Utilities	34,000	23,000	23,000
TOTAL	64,000	53,000	53,000

- Note:**
- 1. If the course period extends more than 3 years, the scholar has to pay the yearly fees as applicable.**
 - 2. All library Photostat, computer print charges will be extra.**
 - 3. Rs. 15,000/- will be charged as synopsis fee at the time of submitting the Synopsis.**
 - 4. Additional Fee of Rs. 20,000/- per year will be charged if required to extend the period beyond five years based on the requisite approvals.**

**FEE STRUCTURE FOR INDIAN NATIONALS FOR THE YEAR
2018-19**

Ph.D. PROGRAMME

Category-II: Internal

Science / Humanities

DURATION: Ph.D. : 3 YEARS (6 SEMESTER-FT & PT)

Description	I Year (Rs.)	II Year (Rs.)	III Year (Rs.)
Tuition fee	14,000	14,000	14,000
Provisions & Utilities	34,000	23,000	23,000
TOTAL	48,000	37,000	37,000

- Note:** 1. If the course period extends more than 3 years, the scholar has to pay the yearly fees as applicable.
2. All library Photostat, computer print charges will be extra.
3. Rs. 15,000/- will be charged as synopsis fee at the time of submitting the Synopsis.
4. Additional Fee of Rs. 10,000/- per year will be charged if required to extend the period beyond five years based on the requisite approvals.

FEE STRUCTURE FOR INDIAN NATIONALS FOR THE YEAR 2018-19

M.Phil. PROGRAMME

Category-I: External

DURATION: M.Phil.: 1 YEAR (2 SEMESTER-FT & PT)

Description	I Year (Rs.)
Tuition fee	20,000
Provisions & Utilities	24,000
TOTAL	44,000

- Note:**
- 1. If the course period extends more than 1 year, the scholar has to pay the yearly fees as applicable.**
 - 2. All library Photostat, computer print charges will be extra.**
 - 3. Rs. 15,000/- will be charged as synopsis fee at the time of submitting the Synopsis.**

FEE STRUCTURE FOR INDIAN NATIONALS FOR THE YEAR 2018-19

M.Phil. PROGRAMME

Category-II: Internal

DURATION: M.Phil. : 1 YEAR (2 SEMESTER - FT & PT)

Description	I Year (Rs.)
Tuition fee	10,000
Provisions & Utilities	24,000
TOTAL	34,000

- Note:**
- 1. If the course period extends more than 1 year, the scholar has to pay the yearly fees as applicable.**
 - 2. All library Photostat, computer print charges will be extra.**
 - 3. Rs. 15,000/- will be charged as synopsis fee at the time of submitting the Synopsis.**

**FEE STRUCTURE FOR NRIs/FOREIGN NATIONALS
FOR THE YEAR 2018 -19**

Ph.D./M.Phil. PROGRAMME

DURATION: Ph.D.: 3 YEARS (6 SEMESTER-FT & PT)

M.Phil: 1 YEAR (2 SEMESTER-FT & PT)

Description	I Year US \$	II Year US \$	III Year US \$
Admission Fees (one time fee - including Regulation book)	100	----	----
Caution Deposit	100	----	----
Tuition fee	2000	2000	2000
University Library fee	100	100	100
Departmental Development fee	100	100	100
Research Co-ordination fee	400	400	400
TOTAL	\$2800	\$2600	\$2600

Extension for every year beyond the prescribed period if required, the candidates will have to pay an extension fee of **US \$ 2000** over and above the tuition fee and the co-ordination fee for the period of extension which will be limited to a period of one year at a time.

The candidates will have to attend the Doctoral Committee Meeting once in every year at the HITS Campus.

M.TECH. - 3-Years Evening Courses - 2018-2019

**M.TECH. AERO/AVIONICS/AUTO/THERMAL/ POWER SYSTEM
ENGG./CONSTRUCTION ENGG & MGT./CSE/IT**

Particulars	1st Year (Rs.)	2nd Year (Rs.)	3rd Year (Rs.)
Tuition fee	30,000	30,000	30,000
Provisions & Utilities	27,500	15,000	15,000
Total	57,500	45,000	45,000

B.A. L.L.B. (Honours) / B.B.A. L.L.B. (Honours) - 2018-2019

Particulars	1st Year (Rs.)	2nd Year (Rs.)	3rd Year (Rs.)	4th Year (Rs.)	5th Year (Rs.)
Tuition fee	96,000	96,000	96,000	96,000	96,000
Provisions & Utilities	19,500	10,000	10,000	10,000	10,000
Total	1,15,500	1,06,000	1,06,000	1,06,000	1,06,000

**ADVANCE DIPLOMA IN AUTOTRONICS in Collaboration with Volkswagen –
2018-2019**

(One Year Programme)

Particulars	1st Year (Rs.)
Tuition fee	35,000
Provisions & Utilities	20,000
Total	55,000

(x) Details of students grievance redressal mechanism.

Report of the Counselling Cell (HUCS) from January 2017 to December 2017.

Hindustan Institute of Technology and Science Counselling Services (HUCS) performed well in advance and as per the need of the hour during the year 2017. In addition to individual counselling, group counselling sessions, Counselling training for the faculty (the mentors), measures to tackle various social issues etc. have done under the leadership of counselling cell.

Individual Counselling.

About 281 students attended counselling sessions through the counselling cell by the University Counsellor. The students who are in the level of dis-continuing also have been provided personal counselling. In addition to it, mentoring sessions are done through the department level. Each student is assigned to a staff mentor and the student is under the constant watch of that mentor, especially on absenteeism and non-performance in tests. A student who absents himself / herself for 3 continuous days will be identified by the faculty mentor, who will inform the parents. High intensity problems are referred to University Counsellor for further follow up sessions.

Group Counselling.

Group Counselling has been done among the first year UG students by the University Counsellor. About 1640 students (Engineering, Architecture, BBA and B.Com) of 25 batches have been benefitted through these sessions.

Seminars

Three major seminars – Awareness about ‘Blue Whale Game’ – its challenges and consequences, Feminist Art Installations, Motivational Seminar, Larva to Butterfly have been organized. About 1450 students from the ladies hostel and UG first year have been benefitted through these seminars.

Postures

Postures about the availability of counselling cell in the campus, anti-ragging specifics, awareness about the killer-game Blue Whale Challenges and its consequences have been displayed in the notice boards placed in gathering areas.

Training Workshop

Counselling Training Workshops have been organized to equip the faculty mentors with counselling skills and techniques. A two day workshop for 40 faculty mentors was a training oriented session by Talkitover Counselling Services. Orientation to the workshop also has been done to brief the importance of such trainings.

COUNSELING SERVICE & STUDENTS SUPPORT SERVICES

This is a forum that enables the students to voice their views and grievances. The counseling cell addresses both personal and academic problems. Competent and trained counselors handle grievances, ensuring strict confidentiality. To ensure that the campus does not have any incidence of ragging, an anti-ragging committee has been constituted as per the guidelines of UGC.

(xi) Name of the nodal officer for students' facilitation services.

Career Services

Hindustan Institute of Technology and Science offers career planning and job search assistance to its students. These services include career counseling, on-campus interviewing schedules, employment opportunities, job vacancy postings, and assistance with career search correspondence such as resumes, career workshops, and seminars, annual career fairs and referral to other campus agencies.

Hindustan Institute of Technology and Science Counselling Service (HUCS)

Counselling and faculty mentoring are given prime importance at Hindustan Institute of Technology and Science. Counselling is not about providing a solution to the problems; rather it is providing a direction towards a solution. Counselling involves providing free and confidential services to members of the University community. The staff and counsellors of Hindustan Institute of Technology and Science provide students the support and assistance they require to function effectively as learners, as members of the university community, and as individuals. Hindustan Institute of Technology and Science Counselling Services (HUCS) are designed to assist students to strive towards achievement and to utilize their potential. The University Counsellors are professionally trained and share their experience and knowledge in academic advising, career counselling and mental health issues. The Counselling Centre is thoroughly committed to the need for confidentiality in student/client/ counsellor communications.

Therefore, confidentiality of student information is maintained with professional standards of ethical practice and conduct.

The Counselling services include :

- Personal Counseling
- Educational Counseling
- Career Development Programme
- Training and Internship Programme

Faculty and student ratio is maintained as 1:20 for all counselling and mentoring activities. Student details and counselling activities are maintained by each faculty mentor. All students will be assigned a counsellor within 15 days of joining their course. A staff counsellor will be provided to the student by the parent department and the same staff counselor would provide counseling services for the student during his/her entire period of study at Hindustan Institute of Technology and Science. Faculty counsellors would keep a constant watch on absenteeism and non-performance of the students in the internal tests which are major reasons for student problems. High intensity problems which cannot be solved by the faculty counsellors will be referred to HUCS for further follow-up counselling sessions. A student who absents himself/herself for 3 continuous days will be identified by the faculty advisor, who will inform the parents. HUCS will also be organizing regular workshops and seminars to benefit the student community.

The Equal Opportunity cell

The Equal Opportunity Cell was established in the University to address the issues related to SC/ST, OBC and Minorities and the differently-abled on a continual basis.

The Cell takes effort : To conduct short term courses for imparting employable skills for the students from the disadvantaged community.

- To ensure that there is no discrimination on the grounds of disability or minority status.
- To redress grievances of differently-abled and students belonging to the weaker section of society and suggest amicable solutions to their problems.
- Co-ordinator:
Dr. P. Manivannan, Professor,
School of Aeronautical Sciences & Convenor, NSS, Hindustan Institute of Technology and Science.

Facilities for differently-abled students

- Admission is facilitated in various courses under separate priority basis.
- Guidance and counseling to individuals.

- Ramps are provided within the campus for smooth mobility to enable them to easily access classrooms, laboratories and various venues within the campus.
- Separate rest rooms are provided.
- Permission is granted to take exams on computers. A scribe will be provided during the examinations based on the request from the students.
- Based on the requirements, continuous staff assistance is provided in the library.

GRIEVANCE REDRESSAL COMMITTEE

- As per AICTE regulations (Clause 3 of the AICTE regulations, 2012), an Ombudsman has been appointed and a Grievance Redressal Committee is formed in the University in order to address the grievances of the students and parents.
- Ombudsman: Prof. K.K.Janardhanan, Retired Principal, Government Law College, Chengalpet.
- Grievance Redressal Committee
 - i. Dr. N. Vasudevan, Dean (Academics) - Convenor
 - ii. Dr. P. Manivannan, Prof.(Aero) & NSS Convenor - Member
 - iii. Dr. D. Piriadarshani, Prof. (Mathematics) - Member
- A register is available at the Office of Dean (Academics) to record the complaints of the aggrieved students or parents. The students or parents seeking redressal of their grievance can approach Mrs. S. Sharmila, Secretary to Dean (Academics) and record the same in the register.
- On receipt of the complaint, the Dean (Academics) shall convene the Grievance Redressal Committee within two days.
- After conducting a detailed enquiry, the Convenor of the Grievance Committee shall communicate its decisions within 10 days of receipt of the complaint to the aggrieved students or parents.
- The students and their parents if not satisfied with the decision of the Committee, can make an application through the register in the Dean (Academics) office for redressal of the grievance by the Ombudsman.
- On receipt of the appeal for redressal by the Ombudsman, the Dean (Academics) shall forward the same within five days of receipt of the appeal to the Ombudsman for his perusal and necessary actions.
- For speedy redressal of grievances, the Ombudsman shall exercise the powers vested on him to hear those grievances and will ensure the disposal of the grievances within one month.

- The students and their parents can utilize the grievance redressal mechanism available in the University to seek relief for their grievances.

Staff Grievance Cell

Any staff having any specific grievance concerned with their academic activity can address his/her problem to the Department of HR in writing. Their grievances are routed through the Registrar to the Vice-Chancellor/Management. Genuine grievances of the staff are considered and remedial measures will be instituted by the authorities.

General Grievance Cell

Grievances of students related to academics and personal grievances of students within campus and hostel may be addressed to Head, Student Affairs.

Email id : studentaffairs@hindustanuniv.ac.in

Women's Grievance Cell / Cell for Prevention of Sexual Harassment

The grievances of the women staff and girl students of the institution may be brought to the notice of the Co-ordinator.

- 1 Dr. R. Angeline Prabhavathy, Professor Co-ordinator
- 2 Dr. Akkara Sherine Joy, HOD. & Editor (Language) Member
- 3 Dr. Rajeshwari Mukesh, Prof. & HOD, CSE Member
- 4 Dr. S. Sumathi, Prof. & HOD, Chemistry Member

Email id: wgc@hindustanuniv.ac.in

Exam Grievance Cell

Grievance regarding the conduct of examinations and issues related to exams may be addressed to the exam grievance cell by the staff members and students.

- 1 Dr. A. Udhayakumar, Controller of Exams i/c Admin. Chairman
- 2 Dr. N. Vasudevan, Dean (Academics) Admin. Vice-Chairman
- 3 Ms. Beena James, Assoc. Prof. & Dy.C.O.E Maths Asst. Coordinator

Email id : acoe@hindustanuniv.ac.in

Attendance Grievance Cell

The Attendance Grievance Cell redresses the grievances / complaints of students regarding attendance related issues. The committee comprises of:

- 1 Dr. N. Vasudevan, Dean (Academics) Convenor
- 2 Head (Student Affairs) Member

The students are requested to submit the grievances / complaints regarding the attendance to Head (Student Affairs) along with the remarks of concerned HOD for a fair redressal of the attendance related issues.

(xii) Scholarships / free-ships available in the institution.

Dr. K. C. G. Verghese Memorial Foundation Scholarship/Aid

In fond memory of our Founder & Chairman, Late Dr. K. C. G. Verghese and for the yeomen services he had rendered to the society, a Public Charitable Foundation has been established in his name. This Foundation proposes to offer assistance to meritorious and deserving students towards their education and medical relief for the poor. For details on the services extended by this Foundation, the Head Office of the University may be contacted.

Merit Scholarship

Merit Scholarships are awarded to toppers in the Higher Secondary Examination at the time of admission by the management.

Merit cum Means Scholarship

The university offers scholarships under merit cum means categories every year. Special financial assistance is given to differently abled and economically weaker sections of the society to enable them to pursue education.

Sports Scholarship

The institution has given prime importance to the enrollment of students under the Sports Quota who have excelled in sports over the years. Failure to perform/comply with such schemes will result in entire amount being claimed from the individual.

Criteria for sports selection Student who has performed & achieved accolades at the National, Inter- University and State Levels in any sports discipline can apply in the month of April every year along with his/her Merit Certificates.

Awards for Rank Holders

Cash awards are given to meritorious students from each branch of B.Tech. and M.Tech. First rank holders of each branch (B.Tech and M.Tech.) will be given Rs. 25,000/- and a medal; and the second rank holders of each branch (B.Tech and M.Tech) will be given Rs. 15,000/- and a medal. **71 UNIVERSITY HAND BOOK 2017 - 2018**

Founder's Award for Best Research Scholar

Founder's Best Research Scholar Award carries a cash prize and a certificate. The awardees are eligible to be considered for financial assistance from the University to attend International/National conferences.

Eligibility Criteria:

1. The scholar would be eligible after one year of registration.
2. Scholar should be GATE/NET qualified or should have secured more than 8.0 CGPA in UG and PG Engineering Courses or 75% marks in UG & PG courses in Science, Management or Humanities.
3. Supervisor's Recommendation for award is mandatory.
4. Short listed candidates shall make a presentation before a panel of experts.

Selection will be based on the following criteria

Chancellor's Award for the Best Women Research Scholars

The Chancellor's Award is being instituted to encourage and motivate Women Research Scholars. The award will be given to the best Women Research Scholars. The eligibility will be same as Founder's Award for Best Research Scholar.

Hindustan Teaching Research Fellowship (HTRF)

To promote research and encourage full time Research Scholars, Hindustan Institute of Technology and Science has instituted Hindustan Teaching Research Fellowships (HTRF) for eligible candidates. Fellowships are available for Full time Research Scholars registered for Ph.D., M.Phil. and M.S. by Research. GATE/NET qualified Candidates are provided a fellowship of Rs. 25,000/ per month. Other candidates having 8.0 CGPA or 75 % both in UG & PG receive a fellowship ranging between Rs. 15,000/ & Rs. 18,000/ per month.

- Subject knowledge
- Innovative idea in research
- Grades in course work

- Paper publication
 - Presentation skills
 - Communication skills
 - Analytical skills

For Scholarship details Contact Dr. V. Ceronmani Sharmila, Scholarship Officer,
Email Id : scholarship@hindustanuniv.ac.in

(xiii) Accreditation ranking of the institution.

Accreditation status of NAAC / NBA.

University has been awarded ‘A’ grade by the National Assessment and Accreditation Council recently with CGPA of 3.30 out of 4.

NBA

B. Tech – Aeronautical Engineering program has been Accredited by National Board of Accreditation (NBA), AICTE, Govt. of India.

NIRF

This year has been eventful with innumerable accolades for the institution, staff and students. It is heartening to note that This institution has been ranked by MHRD, Government of India, NIRF, among private institutions as No: 10 in Chennai, No: 19 in Tamil Nadu, No: 49 in India. All India level as tabulated below.

Private University

India	Tamilnadu	Chennai
49	19	10

Customer Service Institute of Australia recognized the outstanding lifetime contribution of Dr. Elizabeth Verghese, Chancellor of Hindustan Institute of Technology and Science and awarded her the lifetime achievement award for her distinction in public service, service to the University and in recognition of distinguished contribution in the field of academics in January 2017.

- Hindustan Institute of Technology and Science has received the prestigious award of ‘Best University for Promoting Research’ from ASSOCHAM during 10th ASSOCHAM Higher Education Summit held during March 2017.
- The University won the SRISHTI’s Award for Good Green Governance on the Earth Day at New Delhi on April 2017.

- The WEEK - Hansa Research Seminar(2016-2017)
All India Private - 10th Rank.
All India South zone Private - 5th Rank
- TIME I3 Research (2016-2017)
All India Private Engineering Institute Ranking - 26th Rank
- Dr. Anand Jacob Verghese, Pro Chancellor was honoured with the ‘Fellowship’ of The Aeronautical Society of India on 14th October 2016.
- IET has recognized Hindustan Institute of Technology and Science among India’s Top Private Universities in i3RC Times Ranking.
- Hindustan Institute of Technology and Science has been awarded Edu DESTINATIONS Awards 2016 for immense contribution to make Chennai, Tamil Nadu a pre-eminent eduDESTINATION of India by ReThink India.
- School of Management, Hindustan Institute of Technology and Science has been ranked 4th in Metro Ranking and 85th in Overall National Ranking in Business Today’s India Best B-School issue.
- School of Architecture has received Award for Educational Excellence from Indus Foundation during the Indo-American Education Summit 2016 in September 2016.
- Hindustan Institute of Technology and Science has been ranked No.3 in Tamil Nadu in Top Engineering Colleges by Competition Success Review (CSR-GHRDC) Survey.
- Hindustan Institute of Technology and Science has been ranked No. 1 in Tamil Nadu in Top Engineering Colleges of Eminence by Competition Success Review (CSR-GHRDC) Survey in 2016.
- MHRD, GOI, India Rankings, rated HITS as the No.2 Private Engineering Institute in Chennai in 2016.
- Hindustan Institute of Technology And Science (HITS) has been awarded the “Best Private University for Research and Innovation of the year” by Worldwide Achievers during Asia Education Summit and Excellence Award, 2016.

- Higher Education Review recognized Hindustan Institute of Technology and Science as Research Repository for the positive impact the institute has made on the Society and Education Fraternity.
- The Week - Hansa Research has ranked School of Management in 4th Place in Chennai, 37th Place in South Zone and 99th Place in All India Private Category.
- Business Today has ranked School of Management as No.3 in Chennai, No.9 in Tamilnadu, No.21 in South Zone and No.68 in All India Level Private Category.
- The Hindu – Business Line has ranked School of Management as No.4 in Chennai, No.8 in Tamilnadu, No.30 in South India and No.79 in All India Level Private Category.
- Ranked by the Educational World India Pvt. Ltd. University Ranking 2016, 47th position among India's top 100 private universities, 45th among India's top 100 private engineering colleges and 11th place among private engineering colleges in Tamilnadu.
- Received CSR Excellence in Education Award from Competition Success Review, New Delhi.
- Hindustan Institute of Technology and Science won the NEN E-Week 2016 Honor Roll award in the South Zone.
- Ranked 20th in India and Engineering Institutions in terms of Placements / Industry Interface / USP. Ranked 13 in Top Engineering Colleges of Excellence. Ranked 13 in Top Private Engineering Colleges. Ranked 3 in Tamil Nadu. (GHRDC & CSR).
- Ranked 32 in All India Level. Ranked 22 in South India. Ranked 10 in Tamil Nadu. Ranked 4 in Chennai. (WAY 2 College)

ACCOLADES

- Graded A at the National Level. Graded AA+ in Tamil Nadu. Ranked 11 in Tamil Nadu. Ranked 3 in Chennai. (Careers 360)
- School of Management Ranked 28 in South India. Ranked 8 in Tamil Nadu. Ranked 3 in Chennai. (IPSOS BW | Business World)
- Received the Great Patron of Sports and Games Award for the Vision, Infrastructure, appropriate process and personnel to promote Sports and Games among the youth in India. (FICCI CASCADE)
- Received the Award of Excellence for promoting Excellence in Engineering Analysis and Simulation Practices in the institute by National Agency for Finite Element Methods and Standard (NAFEMS), 2015.

- Hindustan Institute of Technology and Science have been awarded for Best Private sector initiatives in education for the project, titled “Skilling for Employability” from ELETS Knowledge Exchange 2015.
- Awarded the Best Private University in India for Quality Education & Employability by The Peacock feather Awards for Excellence in Education in India for the year 2015.16 UNIVERSITY HAND BOOK 2017 - 2018
- Ranked 11 in Tamil Nadu. Ranked 3 in Chennai. (C FORE)
- Ranked 27 in South India, 9 in Tamil Nadu and 4 in Chennai (Outlook India.com)
- Dr. (Mrs.) Elizabeth Verghese, Chancellor, Hindustan Institute of Technology and Science, received the Indo-Australian Award for Meritorious Service from His Excellency Mr. Patrick Suckling, Australian High Commissioner to India.
- Dr. (Mrs.) Elizabeth Verghese, Chairperson of Hindustan Group of Institution (HGI) and Chancellor, has been awarded ‘The Most Enterprising Chancellor of the Year’ during the Rajiv Gandhi Excellence Awards 2014 Programme held on 29th August 2014 at New Delhi.
- Dr. (Mrs.) Elizabeth Verghese, Chairperson of Hindustan Group of Institutions (HGI) and Chancellor, Hindustan Institute of Technology and Science received the Glimpses of Engineering Personalities Award during the 28th Indian Engineering Congress held in Chennai from 20th to 22 December 2013.
- Star News, Visionary Leader Award to Dr. Anand Jacob Verghese, Pro Chancellor, Hindustan Institute of Technology and Science for constant leadership, innovative thoughts and for his developmental concepts which steered the Business School at Hindustan Institute of Technology and Science to gain a competitive edge over the rest.
- Dr. Anand Jacob Verghese, Pro Chancellor has been honoured with “IET Ratna Award”, the highest award from IET, Chennai Local Network, for his commendable contributions in the field of Engineering Education.
- Hon’ble Chief Minister of Kerala Mr. Oomen Chandy presented the Excellence Award to Mr. Ashok Verghese, Director, Hindustan Institute of Technology and Science for offering over Rs. 2 Crore worth of scholarships for sports persons.
- The Hindustan Institute of Technology and Science was awarded the best Multi-Disciplinary Private University in South India and it was received by Mr. Ashok Verghese, Director, Hindustan Institute of Technology and Science.

- School of Architecture Hindustan Institute of Technology and Science received Indo Global Architecture, Education Excellence Award 2015 during the International Research Conference.

(xiv) Details of the departments which have been recognized as Centre of excellence by the statutory and funding bodies.

CENTRES OF EXCELLENCE

Hindustan Innovation Factory

Hindustan Innovation Factory is set up to encourage innovative projects of both staff and student. There are many projects that have won laurels at international and national levels.

The projects are :

- Solar Powered Road Cleaning Robot - Dr. D. Dinakaran, Professor, School of Mechanical Sciences
- Tsunami Coastal Communication & Warning System (TuCoWaS) - Mr. SudalaiMuthu T, Asst. Professor, School of Computing Sciences
- A Night Safety Alert Messaging System for Vehicles Using Vehicular Adhoc Networks (NSAMSV) - Mr. Thangakumar J, Asst. Professor, School of Computing Sciences
- D. Multifunctional Bed for Quadriplegia Patients - Mr. G. Muthukumaran, Associate Professor, School of Electrical Sciences
- A Novel Counting Device for Domestic Pressure Cooker for Hearing Impaired (CoDePec) - Mr. G. Muthukumaran, Associate Professor, School of Electrical Sciences

Centre for Automation and Robotics

The main objective of the Centre is to promote educational and research activities in the field of robotics, automation and computer vision. The centre bridges the gap between industries and the University It functions as an interdisciplinary centre for the Schools of Mechanical, Electronics, Electrical, Aeronautical and Computer Sciences.

- The Centre also offers M.Tech Robotics and Control & M.Tech Industrial Automation.

TIFAC-CORE

TECHNOLOGY INFORMATION, FORECASTING AND ASSESSMENT COUNCIL (TIFAC) CENTRE OF RELEVANCE AND EXCELLENCE (CORE)

TIFAC-CORE in Aircraft Maintenance is a world class facility and caters to the growth and sustainability of the aviation sector. The areas of Aircraft Maintenance, Avionics, Aircraft Instrumentation and Aircraft Management are explored with emphasis on training in live aircrafts.

TIFAC-CORE offers Post Graduate Diploma in Aircraft Maintenance for engineering graduates and short term courses for employees of Industry.

Certificate Programmes offered by TIFAC-CORE :

- Aircraft Maintenance Engineering. (Airframe & Engine).
- Aircraft Maintenance Engineering. (Avionics)
- Advanced Non Destructive Testing (NDT) Methods.

CLEAN ENERGY AND NANO CONVERGENCE CENTRE, (CENCON)

The Centre for Clean Energy and Nano Convergence Centre, Hindustan Institute of Technology and Science started in collaboration with QSRC, Dongguk University, Korea with a vision to work towards clean energy solutions incorporating the quintessence of Nanotechnology. The Centre is a member of the International Consortium on Nanotechnology. An environmental friendly green technology has been developed by the centre for the fabrication of nanomaterials and being explored for its various energy applications.

A Team of well qualified research scholars in guidance with International and National expertise from Institutes like Uppsala University, KTH, Sweden, University of Nottingham, Dongguk University, IIT Bombay, IIT Chennai, Anna University are working in the following. The thrust areas of the centre are: Solar cells, Lithium ion Batteries, Bio medical applications, Luminescent devices, Sensors, Photocatalytic applications etc.

The Centre provides M.Tech (Nanotechnology)

CENTRE OF EXCELLENCE IN PHOTONICS AND LIDAR RESEARCH (CEPLAR)

Centre of Excellence in Photonics and LIDAR Research (CEPLAR) has been established through a MoU signed between Hindustan Institute of Technology and Science and IISc, Bangalore with a focus to carry out investigations on atmospheric aerosols especially, the elementary carbon or black carbon in the atmosphere. Investigations carried out by the Centre provide valuable information for Optical Remote Sensing, Free Space Optical Communication, Atmospheric Correction, etc.

CENTRE OF EXCELLENCE IN “CYBER SECURITY”

The Centre on “Cyber Security” has been proposed to be formed with the domain expertise from Hindustan Institute of Technology and Science, HTC global Services and Cyber Security Privacy Foundation (CSPF) and Cyber Security Unit of Warwick Manufacturing Group (WMG). U.K. The functions of this capability centre is to

- Train and develop “Cyber Security” skills for the academic fraternity
- Establish technology infrastructure and specialised laboratory for cyber security
- Consultancy and R&D projects in Cyber Security

INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CELL (IEDC)

The Innovation and Entrepreneurship Development Cell (IEDC) is committed to the cause of nurturing the creativity, innovation and entrepreneurial skills in students. A Non-Profit Organization, in collaboration with pioneering institutions such as MSME (Micro, Small and Medium Enterprises Development Institute of India), NEN (National Entrepreneurship Network), etc., it aims at training students in steering their innovative ideas to a level of economic feasibility and industrial viability.

CENTRE OF EXCELLENCE IN DATA MINING (C-DAM)

Centre of Excellence in Data Mining has been established in collaboration with Accenture, Industry partner and AU-KBC, Academic partner. The aim of the centre is to expose the students to real time projects of industry and research centres. The Department has already initiated efforts to jointly collaborate with them in organizing seminars and undertake research projects together. As a part of this initiative various activities were held to emphasize the significance of incubating a Centre of excellence in this direction.

OBJECTIVES

- To pursue joint research on Data Mining
- Conduct workshops and guest lectures in the area of Data Mining
- Conduct faculty development programmes and conferences
- Conduct certificate programmes
- This centre also promotes an avenue for the research aspirants from industry and other universities to pursue their doctoral degree
- Consultancy services