

INSTITUTE OF TECHNOLOGY AND SCIENCE

(DEEMED TO BE UNIVERSITY)
(A CHRISTIAN MINORITY INSTITUTION)

MAKE THE RIGHT MOVE WITH **INDUSTRY 4.0** READY COURSES



Dr. Mrs. Elizabeth Verghese
Chancellor

“A journey of thousand miles start with a single step.”

Hindustan Institute of Technology and Science (HITS) came a long way to be in where it is today. True to the guiding principle of the Founder, Dr. K.C.G. Verghese's vision, "To Make Every man a Success and No Man a Failure" and the institution's unrelenting pursuit of excellence have helped HITS to progress into the behemoth it is today. The institution has been steadfastly forging ahead its excellence both in the fields of research-oriented education as well as commitment to various social services.

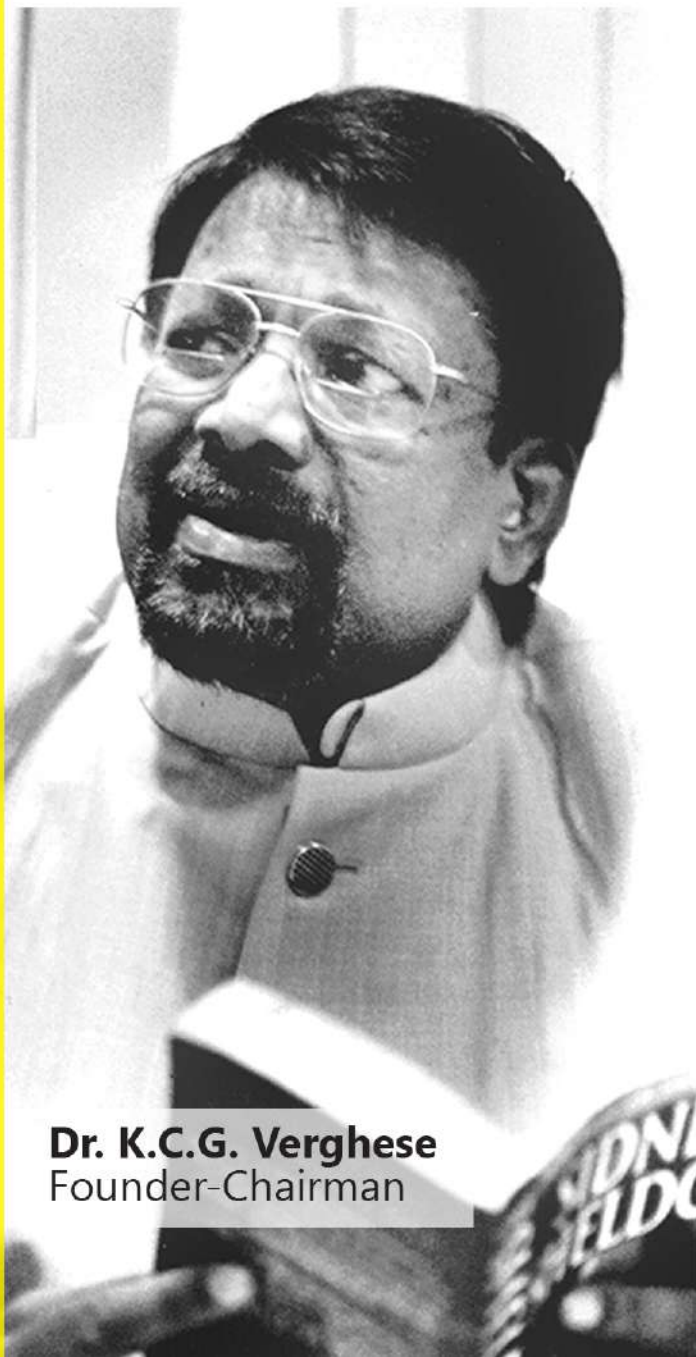
Along with our core mission, HITS actively undertake socially empowering schemes such as imparting informal technical education and training especially in the domains of Engineering, Aviation, Management and Applied Science to the lesser privileged members of society. Today with the vision of our founding father as the linchpin of HITS' success coupled with our enviable faculty, state-of-the-art infrastructure and enthusiastic students, the institution has reached the forefront in providing quality education. As a result, over the years, the students from HITS managed to attain many lucrative positions across the global competitive job markets from the disciplines such as Aviation, Automobile, IT, Infrastructure etc. Nothing brings us more sense of fulfillment and contentment than the success our students are achieving year after year. I sincerely wish and pray that we could serve the society with same fortitude and commitment in many more years to come.

HINDUSTAN GROUP OF INSTITUTIONS

The Hindustan Group of Institutions (HGI) was founded in 1966 by the Late Dr. K.C.G. Verghese, when he realized the need for an institution that offers non-formal technical education. Hence, he established the Hindustan Engineering Training Centre (HETC). Today, the Hindustan Group includes several institutions unified by the Founder's vision of imparting quality education in the fields of Engineering, Aviation, Applied Science and Management.

HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE

Established in 1985, Hindustan was conferred "Deemed to be University" by the UGC, Govt. of India Under Section 3 of the UGC Act 1956 with the name "Hindustan Institute of Technology and Science" (HITS) from 2008. HITS as it's popularly referred to, is one of the most sought after engineering institutions in Tamil Nadu. It is reputed for its qualified and experienced faculty, excellent infrastructure, curricular and co-curricular activities as well as its sports and recreation facilities.



Dr. K.C.G. Verghese
Founder-Chairman

ACCREDITATION, AWARDS & RANKINGS 2019-2020

Government of India Accolades



MHRD
Ministry of Human
Resource Development
Government of India

AWARDED CATEGORY II IN ALL INDIA RANKINGS BY MHRD



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



Departments of Aeronautical Engineering, Automobile Engineering, Civil Engineering, Computer Science & Engineering, and Mechanical Engineering has been accredited by NBA



HITS was Ranked 95th in All India Engineering category by NIRF



- QS World Asia Pacific Ranking 501-550
- QS BRICS Ranking 301-350
- QS India Ranking 81-85



INDIAN EXPRESS



HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE was awarded with TNIE's ThinkEdu Award 2020 to MR. ASHOK VERGHESE, Director, for consistent efforts in providing quality education. The Award was presented by Honorable Chief Minister of Tamilnadu Dr. Edappadi K Palaniswami in the presence of Honorable Union Minister Smt. Smriti Irani



Ranked 2 among the Top Private Engineering Institutions in Chennai rated AAA

CAREERS360

HITS

SCHOOL OF MANAGEMENT

- Rated AAAA in Tamil Nadu
- 4th in Engineering colleges
- Rated AAA in India's B-School
- Graded A at the National Level
- Graded AA+ in Tamil Nadu
- Ranked 11 in Tamil Nadu
- Ranked 3 in Chennai



BEST PRIVATE UNIVERSITIES IN INDIA

- 9th Place in India
- 5th Place in South India
- 4th Place in Chennai



Education World ranked HITS

- 49th in the Private Universities in India
- 8th in the Private Universities in Tamil Nadu
- 5th in the Private Universities in Chennai



TIMES OF INDIA

TIMES ENGINEERING Institute's Ranked

- 24th Top Engineering Institute in India
- 15th Top Private Engineering Institute in India
- 21st Top Private Engineering Institute in Placement



HITS

SCHOOL OF MANAGEMENT

- Ranked 1st in Institution of Super Excellence
- Ranked 3rd in Institution in Tamilnadu
- 11th in Top outstanding B-School of Excellence
- 3rd in Top private B-School in Tamil Nadu

BusinessLine

HITS School of Management ranking in Private Category

- 79 in All India
- 30 in South India
- 8 in Tamilnadu
- 4 in Chennai



HITS rank among top 200 best private colleges in India

- 41st in India
- 13th in South India
- 7th in TamilNadu
- 4th in Chennai



BW Business world Educational Institutional Ranking 2019 ranked HITS

- 68th Top Institutes in India
- 31st Top Private Institute in India
- 19th Top Institute South India



5S Certification: TUV Rheinland Certified HITS for successfully implementing 5S Work Place Management System. HITS is the first Institution in India to receive this certification

* All Engineering Courses are Approved by AICTE.

PROGRAMMES OFFERED

UNDER GRADUATE

DEPARTMENT	PROGRAMME	DEGREE	SPECIALIZATIONS
1 SCHOOL OF AERONAUTICAL SCIENCES			
AERONAUTICAL	B.Tech	Aeronautical Engineering	Aerodynamics / Aircraft Structures / Aircraft Maintenance / Avionics
		Aerospace Engineering	Computational Fluid Dynamics / Propulsion
	B.Sc	Aircraft Maintenance Engineering	
		Avionics	
2 SCHOOL OF BUILDING SCIENCES			
ARCH	B.Arch	Architecture	
CIVIL	B.Tech	Civil Engineering	Construction Engineering Management / Structural Engineering
3 SCHOOL OF COMPUTING SCIENCES			
CSE	B.Tech	Artificial Intelligence and Machine Learning	AI and Machine Learning (IBM)
		Computer Science and Engineering	Cloud Computing and Virtualization (IBM) / Cyber Security / Data Analytics / IoT Systems
		Data Science	Data Science
	B.C.A	Computer Applications	Data Base Systems / Industry Integrated (HTC Global) / Multimedia and Animation
IT	B.Tech (IT)	Cloud Computing	Cloud Computing and Virtualization (IBM)
		Cyber Security	
		Information Technology	AI and Machine Learning (IBM) / Data Analytics
4 SCHOOL OF ELECTRICAL SCIENCES			
ECE	B.Tech	Electronics and Communication Engineering	Digital Image Processing
EEE		Electrical and Electronics Engineering	IoT and Embedded Systems / Renewable Energy Systems
5 SCHOOL OF MECHANICAL SCIENCES			
AUTOMOBILE	B.Tech	Automobile Engineering	Autotronics / Electric Vehicles and Mobility / Motorsport Engineering
	B.B.A	Automobile Management	
	B.Sc	Automobile Maintenance	
CHEMICAL	B.Tech	Bio-Technology	Genetic Engineering
MECHANICAL	B.Tech	Chemical Engineering	Process Engineering / Safety Engineering
		Mechanical Engineering	Additive Manufacturing / Engineering Design
	B.B.A	Mechatronics	AI and Robotics
		Engineering Management (Mech)	
6 SCHOOL OF DESIGN			
DESIGN	B.Des	Communication Design	User Experience Design
		Fashion and Apparel Design	Fashion Marketing / Ux Design
		Interior Design	Accessories and Furniture Design / Ux Design
7 SCHOOL OF LIBERAL ARTS AND APPLIED SCIENCES			
APPLIED SCIENCES	B.Sc	Fashion Design	
		Food Technology	
		Visual Communication	
LIBERAL ARTS	B.A	English	ELT and Literature
		Economics	
		Political Science	
		Psychology	
		Sociology	
	B.A - Triple Major	Political Science, Psychology, Economics	
		Law, Economics, Political Science	
	B.Com	Commerce	Banking Management
B.M.S	Air Cargo	In Collaboration with Logistics Skill Council	
	Aviation Services		
8 SCHOOL OF PHYSICAL EDUCATION			
PHYSICAL EDUCATION	B.Sc	Physical Education, Health Education and Sports	
9 SCHOOL OF ALLIED HEALTH SCIENCES			
ALLIED HEALTH SCIENCE	B.Sc	Anesthesia Technology	In Colloboration with Frontier Life Line Hospital
		Cardiovascular Technology	
		Perfusion Technology	
		Optometry	In Colloboration with Smart Vision
		Physician Assistant	
10 SCHOOL OF MANAGEMENT			
MANAGEMENT STUDIES	B.B.A	Aviation Management	
		Banking and Finance	
		Business Administration	
		Logistics	In Collaboration with Logistics Skill Council
11 SCHOOL OF LAW			
LAW	B.B.A., LL.B (HONS)	Law	
	B.A., LL.B (HONS)	Law	
	LL.B	Law	

Integrated Syrs Programme Available for M.Tech (Aero) & M.B.A

Duration: B.Tech / B.Des - 4yrs | B.Sc / B.B.A / B.C.A / B.Com / B.A / LL.B / B.S.W - 3yrs | B.Arch. / B.B.A,LL.B (HONS) / B.A., LL.B (HONS) - 5yrs

PROGRAMMES OFFERED

POST GRADUATE

DEPARTMENT	PROGRAMME	DEGREE / SPECIALIZATIONS
1 SCHOOL OF AERONAUTICAL SCIENCES		
AERONAUTICAL	M.Tech (AERONAUTICAL ENGINEERING)	Avionics Aircraft Maintenance Engineering
2 SCHOOL OF BUILDING SCIENCES		
CIVIL	M.Tech (CIVIL ENGINEERING)	Structural and Construction Engineering Management Sustainable Environmental Engineering
ARCH	M.Arch (EXECUTIVE)	General Housing
PLAN	M.Plan	Urban Planning
3 SCHOOL OF COMPUTING SCIENCES		
CSE	M.Tech (COMPUTER SCIENCE AND ENGINEERING)	Artificial Intelligence
		Big Data Analytics
		Cyber Security
		Data Science and Engineering
	M.C.A	Big Data Analytics
4 SCHOOL OF ELECTRICAL SCIENCES		
ECE	M.Tech (ELECTRICAL AND COMMUNICATION ENGINEERING)	Digital Image Processing Embedded and Real Time Systems
EEE	M.Tech (ELECTRICAL AND ELECTRONICS ENGINEERING)	Smart Grid & Electric Vehicle Technology IoT and Embedded Systems
5 SCHOOL OF MECHANICAL SCIENCES		
AUTO	M.Tech (AUTOMOBILE ENGINEERING)	Automotive Technology
MECH	M.Tech (MECHANICAL ENGINEERING)	Design of Mechanical Systems
	M.Tech (MECHATRONICS)	Robotics and Mechatronics
6 SCHOOL OF DESIGN		
DESIGN	M.Sc	Ux (User Experience) Design
7 SCHOOL OF LIBERAL ARTS AND APPLIED SCIENCES		
APPLIED SCIENCE	M.Sc	Chemistry
	M.A	English Language & Literature
8 SCHOOL OF MANAGEMENT		
MANAGEMENT STUDIES	M.B.A (AVIATION)	Aviation Management
	M.B.A	Specialization:
		→ Business Analytics (IBM)
		→ Finance
		→ Green Business
		→ Hospital Management
		→ Tourism Management
		→ Human Resources
		→ Logistics Management
		→ Marketing
→ Media and Entertainment		
→ Sports Management		
9 SCHOOL OF LAW		
LAW	LL.M	International Law (Chicago-Kent College of Law, Illinois Institute of Technology, USA)
10 CENTER FOR ONLINE AND DISTANCE LEARNING		
M.B.A	Business Analytics / Finance / HR / Marketing	
M.C.A	Data Science	
PG Diploma	Travel and Tourism	
Doctoral Programme (Ph.D.) in all Disciplines (Full Time / Part Time)		

DIPLOMA

DEPARTMENT	PROGRAMME	DIPLOMA	SPECIALIZATIONS
CENTER FOR PROFESSIONAL AND CAREER DEVELOPMENT			
CPCD	Advanced Diploma	Autotronics	In Collaboration with Volkswagen
	Advanced Diploma	Photography	
	Professional Diploma	Cyber Investigation and Laws	In Collaboration with HTC Global
	Professional Diploma	Cyber Security Management	
	PG Diploma	Sports Management	

Duration: M.Tech / M.Plan / M.Sc / M.A / M.B.A - 2yrs | M.Arch(Executive) - 3yrs | M.C.A - 3yrs / M.C.A Lateral - 2yrs | LL.M / MLIS - 1yr | M.B.A & M.C.A (Online) - 2 yrs | PG Diploma (online) - 1 yr

GENERAL INFORMATION

HITS as a portal for learning is set in an Arcadian frame of 100 acres of plush greenery with its magnificent buildings. The institution is aesthetically landscaped with academic blocks, state-of-the-art workshops, laboratories, simulation centres, makers' spaces and more.

CHOICE BASED CREDIT SYSTEM (CBCS)

The students are provided with an academically rich, highly flexible learning system blended with abundant provisions for skill practice facilitating learning in-depth and exploring one's creativity. Project-Based Learning is one of our unique systems where students get involved in Project Works from their second year. The students are given an opportunity to earn additional credits under various specialisations and qualify for Honours and Minors.

INTERNATIONAL COMMUNITY

The Institution lives up to International standards in education attracting learners from all over the globe. Students from different states of India and overseas like China, Bhutan, Korea, Indonesia, Nigeria, Rwanda, U.A.E., Oman and South Africa form the Hindustan fraternity.

GLOBAL PARTNERS

HITS has partnerships and collaborations with various foreign governments and organizations for training, technical collaboration and consultancy. Some include City University, London, UK; Cranfield University, UK; Deakin University, Australia; Dongguk University, South Korea; Korean Aerospace University, South Korea; Moscow Aviation Institute, Russia; Texas Tech University, USA; Illinois Institute of Technology, USA; University of Politecnico Di Milano, Italy; etc.



Andromeda Lecture Theatre with Ultra-modern air-conditioned theatre



MBA Student Participated in the Study Abroad Program at Singapore



Summer Programme at Ben Gurion University



Collaborative Research at UMP - Malaysia



Aeronautical and Aerospace semester exchange students at IPSA - France



3rd World Technology Universities Congress



7000+ Students

Accredited by NAAC, NBA, NIRF, MHRD, QS Stars & 5S Certification



Global Learning Platform
Over 100+ MoUs



460+ Faculty
40% Women



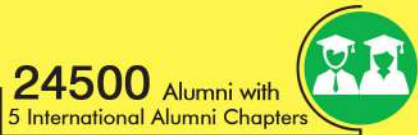
5 Hostels in Campus
3 Girls & 2 Boys



14 Research Centres of Excellence &
450 Research Scholars



78% Annual Placement Conversion



24500 Alumni with
5 International Alumni Chapters



81 Patents Filed and 4 Sanctioned
Above 40 Consultancy Projects &
30+ Funded Projects

INDUSTRY-INSTITUTE PARTNERSHIPS

The Industry-Institute Partnership has carved a niche for itself by strengthening the qualitative output of students by providing Internships programmes during summer breaks. Some distinguished institution associations comprise, Bosch Training Centre, Daimler India Commercial Vehicles, Enhelion Knowledge Ventures, IBM India, Infosys, SMC Pneumatics, ALBA, Volkswagen Group Sales India, Yaskawa India.

EXCHANGE PROGRAMMES

The Student Exchange Program (SEP) of Hindustan Institute of Technology & Science reveals commitment to global education, allowing our undergraduates and postgraduates to spend a semester or two at our partner university in a foreign country, earning credits towards their degree and learn to be a global citizen. The overseas partners include over 100 leading universities from around the world.

Dr. K.C.G. VERGHESE RESEARCH AND RESOURCE CENTRE

The Central Library of the Institution is situated in the Founder's Block with a total area of 65,000 sq. ft. spread over 3 floors. With a huge collection of over 2,10,000 volumes of Books, 389 International/National Periodicals in print, the library houses more than 42,000 e-journals and 35,000 e-books with online databases viz. IEEE, AIAA, EMERALD, SPINGER LINK, SCIENCE DIRECT, PROQUEST, EBSCO etc. The Digital Library is automated with ERP software and contains 60 Apple i-Mac Systems and 10 i-pads, Laptops and Kindle with internet access.

HINDUSTAN TECHNOLOGY BUSINESS INCUBATOR (HTBI) & HINDUSTAN ENTREPRENEURSHIP AND INNOVATION CENTRE (HEIC)

HTBI and HEIC is dedicated to the development and growth of innovation and entrepreneurial culture of the students in the campus through several internal and external programmes inviting students to ideate and develop a business plan of their ideas. Emphasizing on three thrust areas: Innovation, Entrepreneurship, and Outreach Programmes, the centre determines to reach out to students of all disciplines right from the first year, so as to provide ample time to discover themselves; and thereby get a chance to be innovative and tactical to pursue their dreams and gain economic, technical and entrepreneurial expertise in their chosen field. Established in collaboration with National Entrepreneurship Network (NEN), the centre has been shortlisted as a "National E-Hub" under the PM YUVA YOJANA project and has bagged NEN "E-Week Honour Roll" Award.

MAJOR ACHIEVEMENTS

- Flytta – a student startup incubated at HTBI, has been selected as a Nasscom 10K startup and has been provided incubation at T-Hub, Hyderabad
- Students trained in Python Programming and students trained in Dotnet & Mobile APP Development through HTBI
- Facilitated conduct of webinars hosted by NEN
- HTBI & HEIC was represented in prestigious external programs including TiECON, CII Startuppreneurs, etc.



ALSIM AL250 Multi-Engine Aircraft Simulator



Chetak Helicopter



Semester Exchange Programme at Moscow Aviation Institute



Semester Exchange Programme at Yildiz Technical University



SAE AERO DESIGN EAST-2019 Team "KRATOS" at Thunderbird Airfield



Dr. K.C.G. Verghese Research & Resource Centre (Central Library)

CAMPUS LIFE

SCHOLARSHIPS

- Dr. K. C. G. Verghese Memorial Foundation Scholarship
- Merit Scholarship
- Merit cum Means Scholarship
- Sports Scholarship
- Hindustan Teaching Research Fellowship

AWARDS

- University Examination Rank Holders
- Achievement in Sports and Cultural
- Overall Excellence in Academic Performance
- Co-Curricular and Extracurricular Activities
- Founder’s Awards for Best Research Scholar
- Chancellor’s Award for the Best Women Research Scholar



MIG-23 Aircraft



Campus Life



Robotics Lab



Fashion and Apparel Design



Golden Jubilee Celebration

Left to Right: Mr.Ashok Verghese, Director, HGI, His Grace The Most Rev Dr. Joseph Mar Thoma, Dr. Mrs. Elizabeth Verghese, Chairperson, HGI, Shri. Banwarilal Purohit, Hon'ble Governor of Tamil Nadu, Shri. M. Venkaiah Naidu, Hon'ble Vice-President of India, Shri. D. Jayakumar, Hon'ble Minister for Fisheries, Personnel and Administrative Reforms, Govt. of Tamil Nadu, Shri. Bharat Joshi, Deputy High Commissioner, British Deputy High Commission, Chennai, Dr. Anand Jacob Verghese, Director & CEO, HGI, Dr. Aby Sam, Director, HGI



SPORTS FACILITIES

A 15-acre well-maintained playground caters to the sports facilities and recreational requirements.

Outdoor Games:

Cricket, Tennis, Football, Volleyball, Basketball, Throwball, Athletics, Cycling, Karate, Horse Riding and Martial Arts.

Indoor Games:

Badminton, Table Tennis, Chess, Billiards, and Snooker.

CLUB ACTIVITIES

Students have a wide range of options to choose from

- Advertising Club Madras
- Aero Club
- Blue Screens (Programming & Testing Club)
- Cycling Club
- Driving Club
- Heritage Club
- Hindustan Mathematics Club
- Hindustan Toast Masters Club
- Horse Riding Club
- Kruptos Security Club
- Literary Club – Athena
- Masquerade Theatre
- Music & Dance Club
- National Association of Students of Architecture
- Nebula Astro Club
- SAE Collegiate Club of HITS
- SHRISHTI Club
- Yoga Club
- Yuvatharang & Rotoract Club

EXTRA CURRICULAR ACTIVITIES

- National Cadet Corps (NCC)
- National Service Scheme (NSS)
- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)
- Sports & Games Center
- Cultural Activities Council



Horse Riding Club



Football Team



All India Intra University Women’s Basketball Tournament Winners



Sports Activities in the Campus



National Cadet Corps (NCC)



State of Art Gym Facility



Co-Curricular Activities in the Campus

ACCOMMODATION

Seven hostels for men and women students, offer boarding and lodging facilities.

EATERIES

Well-furnished Cafeteria serving Continental and Indian cuisines is located centrally in the Institution. ‘Garage Café’ is another food court with a rugged appearance catering to the needs of the food lovers on campus. Students can choose from a wide range of both Continental and Indian cuisines served.

PLACEMENTS

The Department of Placement works professionally with reputed national and international organizations to explore job opportunities for the graduates. To aid students explore career opportunities, the department arranges Career Awareness Programme for all final year students.

SUCCESS DAY

Success Day is celebrated every year honouring students of final year UG and PG students who are placed in firms, chooses career in different services, options for higher studies, or prefers family business with a Certificate of Recognition.

HITS ALUMNI ASSOCIATION (HITSAA)

Hindustan Alumni Association functioning from 1993, provides platform to strengthen Alumni connections with their Alma Mater and each other through several Alumni events. HITSAA's International Chapters are running actively in East Africa, Sultanate of Oman and Bhutan.



Men's Hostel



Women's Hostel



Dining Hall

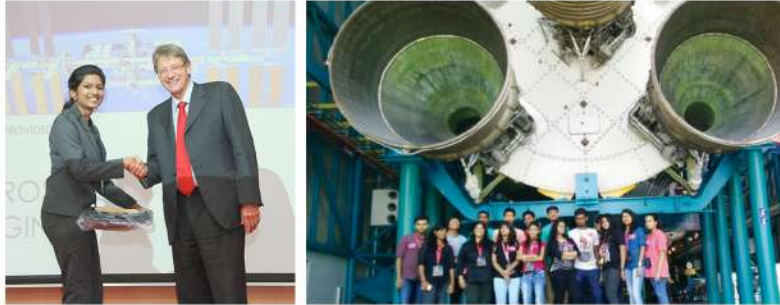


Alumni Reunion





Glimpses of **Kalai Koodam**: 33rd Inter-University South Zone Youth Festival hosted by HITS.



Left : Ms. Nishita Vegi bagged the 1st prize worth 1.5 crores at the National level KTH Master's Challenge conducted by KTH Royal Institute of Technology, Sweden. **Right** : A-12 member student team in an academic tour to Kennedy Space Centre, USA.



Left : Hindustan Mars Rover Team placed 2nd in India and 18th among 200 international teams in the University Rover Challenge. **Right** : Team "KRATOS" bagged 2nd in both Design Report and Presentation in Asia Pacific Region in SAE International-Aero Design Competition in Florida, USA.



Left : Mr. Washington Sundar represents India in Cricket. **Right** : Ms. Dharshini.T represented India in FIBA Under-18 Women's Asian Championship.



Left : India Book of Records certified **JAIHIND-1S**, a satellite designed by the Aeronautical Engineering students, as the "**Lightest Micro Satellite**." **Right** : Asia's First "**Flying Bike**" designed by students.

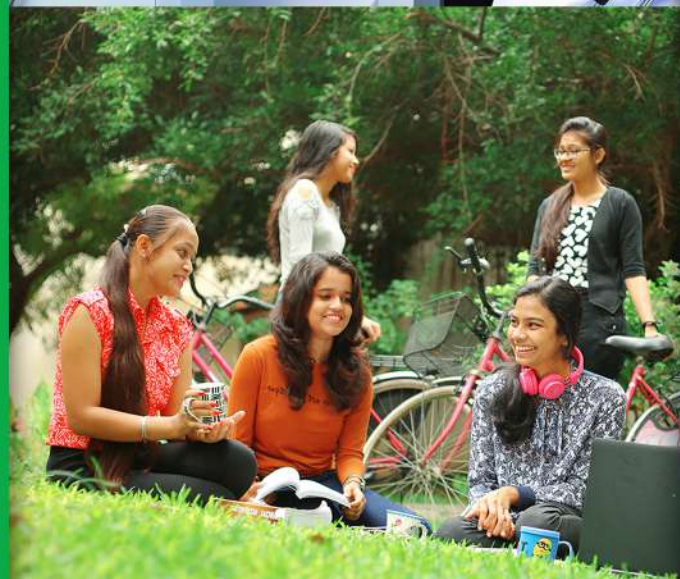
HITS TOP RECRUITERS



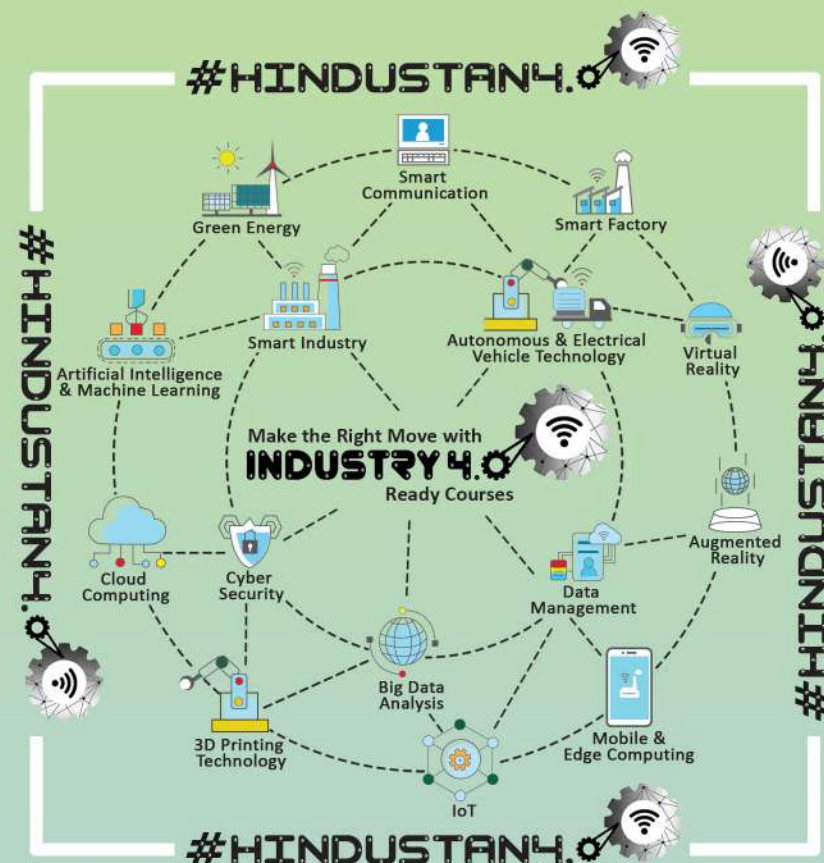
SUCCESS DAY 2019



TO MAKE EVERY MAN A SUCCESS AND NO MAN A FAILURE



Join the
FAMILY



Contact Us

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