

Wcellience 2017

University Magazine



HINDUSTAN
INSTITUTE OF TECHNOLOGY & SCIENCE

FOUNDER CHAIRMAN



“TO MAKE EVERY MAN A SUCCESS & NO MAN A FAILURE.”

Dr. K. C. G. VERGHESE
(1940-2006)



EDITOR'S DESK

Release of Hcellence 2017 Magazine coincides with the Golden Jubilee Celebrations of Hindustan Group of Institutions (HGI). This year is important in the annals of Hindustan Institute of Technology & Science, as we witnessed the Inauguration of Golden Jubilee Celebrations and several mega events were conducted in all its grandeur during the entire academic year (2016-17), commemorating the 50th year Celebrations of HGI. Annual Magazine has captured and recorded the milestone events. This magazine is a unique compilation of innumerable activities conducted by all the Departments of the institution and also the accolades and glorious achievements of staff and students .

Editorial team devoted their time and effort to compile and record the events in a meticulous manner. We appreciate the Management, Heads of the Department , Staff and Students for their immense contribution.

Happy Reading!

“A book is a dream that you hold in your hand”.

–Neil Gaiman

EDITORIAL TEAM

- Dr. Akkara Sherine, HOD, Languages & Editor
- Mr. Robert Divine, Assistant Prof. Dept. of Languages
- Ms. S.K. Indumathi, Assistant Prof. EIE Dept.
- Ms. Joyce John, Assistant Prof. CSE Dept.
- Ms. Sherin Raheman, Assistant Prof. Civil Dept.
- Mr. Sheismon Francis, Designer, Editor Office
- Mr. L. Chandru, Manager, Editor Office
- Mr. Yogesh, Photographer

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MESSAGES



I am extremely happy to communicate with you through Hcellence 2017, the annual magazine of Hindustan Institute of Technology & Science especially this year as the year marks the Golden Jubilee of Hindustan Group of Institutions and the Group strives to uphold its glorious legacy as a premier educational hub.

This academic year has been quite eventful for Hindustan Institute of Technology & Science, a unit of HGI has been rated 3 stars by world-renowned QS organization. QS stars' ratings have given a great impetus to the institution and it strives to secure a place in the world rankings in the near future.

University has shown tremendous growth this year and many new Centers of Excellence have been inaugurated with focus on excellence in research. I am also proud to note that the staff members have strived hard to publish papers in Scopus indexed journals and also filed patents. This tempo in achieving laurels in research will further help the institution to take a step towards establishing itself as a World Class Research University.

I am extremely happy to mention at this juncture that in commemoration with the 50 glorious years of HGI, Dr.K.C.G Vergheze Excellence Awards were given to

eminent people for their exceptional contributions in the respective fields.

I understand that this year there were many accomplishments by staff and students across all disciplines. University had hosted several National, International Conferences, Seminars, Workshops and also inaugurated Centres of Excellence.

I congratulate all the staff and students who attained global recognition participating in events overseas. Congratulations to team LAKSHYA, students of Aeronautical Sciences for participating in NASA Human Exploration Rover Challenge, USA held at the US Space and Rocket Centre in Huntsville, Alabama, USA and achieving 1st position in India and 33rd position in the World.

I also wish all the best for the final year students who will be graduating this year, they should take a pledge to serve the society and nation and be instrumental in fluttering the flag of Alma Mater high. I sincerely wish that the Hindustan Alumni contribute their might and be a part of the Hindustan Institute of Technology and Science, Alumni Association (HITSAA).

I congratulate the entire Hindustan Institute of Technology & Science staff and students who have toiled hard to bring success to our institution. I hope this HCELLENCE'17 magazine will unfurl the entire events, achievements, accolades of the institution, staff and students.

Dr. Mrs. ELIZABETH VERGHESE

Chancellor, Hindustan Institute of Technology & Science



The year 2016-17 is indeed a milestone in the history of Hindustan Institute of Technology & Science, there are plethora of achievements by the institution, staff and students. It is a moment of pride for the institution since NAAC has accredited “A” grade. Additional matter of pride is that Hindustan Institute of Technology & Science achieved QS 3 Stars Ratings recently after a rigorous process of survey and ranking procedures. This is an achievement for the institution and it helps in global exposure we are also looking forward to obtain world rankings in the future.

Fifty years of Success and Glory of Hindustan Group of Institutions is a matter of pride. The achievements from a humble beginning to glorious heights indeed gives me immense joy. However as Ben Sweetland says “Happiness is a Journey and not a Destination” so the path is laid to achieve many more laurels for Hindustan Group of Institutions.

Proud to note that Hindustan Institute of Technology & Science received the prestigious award of Best University for

Promoting Research from ASSOCHAM during 10th ASSOCHAM Higher Education Summit this year. School of Architecture received the Award for Educational Excellence from Indus Foundation during the Indo-American Education Summit in 2016.

Several new initiatives were taken this year strengthening the institutional infrastructure and also expanding the research facilities. Few of the centres inaugurated were Programming Lab Coder’s Hub I & II, Matlab Advanced Mathematics & Analytic Centre, Honda Fujishima Renewable Energy lab, Centre for Networking and Cyber Defence, Centre for Sensors and Process Control and Structural Impact and Crash Simulation Centre (SIMCRASH). I am also happy that prestigious events and competitions such as ACM ICPC Contest 2016, Indian Robot Premier League, 13th National Competition for Young India was hosted by Hindustan Institute of Technology & Science. I congratulate the staff and students for their achievements this academic year. I appreciate the efforts of the editorial team for the compilation of Hcellence Magazine 2017

Dr. ANAND JACOB VERGHESE

Pro Chancellor

Hindustan Institute of Technology & Science



University Magazine is an excellent record of the entire gamut of events, achievements, accolades of the institution, management, staff and students of this institution during the academic year 2016-17. It is noteworthy that Hindustan Institute of Technology & Science commenced the golden jubilee celebrations earlier this year, and several events were conducted to commemorate the golden jubilee year of Hindustan Group of institutions. Many mega events comprising competitions, conferences, workshops, sports and extra-curricular activities were held. The academic year was hectic and the institution earned reputation in the national and international fronts. NAAC accredited “A” grade to Hindustan Institute of Technology and Science. QS ranking organization rated QS 3stars and it has catapulted our institution to achieve global recognition as an institute of repute. On the research front institution has made significant progress.

It is heartening to note that the Research Department has won several accolades and recognition this year. 18 projects worth 420 Lakhs are ongoing. Publications in Scopus indexed journals have increased and more than 32 projects are submitted to various funding agencies for approval. School of Management, Hindustan Institute of Technology & Science has been ranked 4th in Metro Ranking and 85th in Overall National Ranking in Business Today’s India Best B-School issue.

Many new initiatives were taken this year and Centres of Excellence were established to strengthen the research area. Several international and national MOU’s were signed with organizations, institutions and industries. Students have won several achievement in academics and extra curricular activities. Team Taiyozen clinched the overall championship in Electric Solar Vehicle Championship held at Andhra Pradesh. Students have earned accolades by participating in NASA competitions in U.S.

Green initiatives have been propagated and for the fourth time Hindustan Institute of Technology & Science received the Good Green Governance Awards. Several initiatives were taken by staff and students to plant saplings within the campus and this was encouraged by the management after the Vardah cyclone. To ensure that greenery should be restored and realizing the importance of green campus, planting of saplings in huge numbers were done on war footing pace.

To know more about the events and happenings at Hindustan Institute of Technology & Science, you must flip the pages of HCELLENCE magazine, a meticulous work done by editorial team compiling, drafting and editing the reports received from all the departments of Hindustan Institute of Technology & Science.

Congratulations Editorial team!

Dr. S. RAMACHANDRAN

Vice-Chancellor

Hindustan Institute of Technology & Science



Hindustan Group turns 50.

At a time when many Organisations are struggling to cross a decade of existence, Hindustan has completed five decades of exemplary service to the Nation & beyond. Commitment and Excellence have been the forte of the Management & Faculty of the Hindustan Family.

Hindustan Alumni across Nations stand testimony to this fact and today we strive to enhance our relationships with the past through our vast Alumni network.

The first 5 decades have paved the way for the future and we have our values deep rooted. Our achievements over the past year have been tremendous and are trend setters for the rest. I request you to be path makers and path breakers and not just followers on a path. Do share your knowledge and wisdom with the rest of the World.

“The woods are lovely, deep & dark, but I have promises to keep, and
Miles to go before I sleep” - Robert Frost

Mr. ASHOK VERGHESE,

Director

Hindustan Institute of Technology & Science



50 glorious years of Hindustan Group of Institution is a matter of pride, and as we celebrate the Golden Jubilee year it is befitting that several programmes were conducted this academic year. I am extremely delighted to realize that several Centres of Excellence were established towards enhancing research and dealing with current advancements in technology and the possibilities of meeting the challenges in all perspectives.

An added feature during this golden jubilee year is the mammoth task initiated by our institution to establish international partnership with many organizations and institutions this year and it is indeed a boon to our research scholars and faculty.

I would like to mention that the National Knowledge Commission (NKC), India states, 'there is a quiet crisis in Higher Education in India that runs deep, and that it has to do with both the quantity and the quality of Higher education in India.' Since this is a stark reality it is high time that we explore the possibilities of revamping our Higher Education system with appropriate guidance and efficient management so that Indian Universities compete with global institutions and obtain World premier Rankings. It is indeed a matter of pride that Hindustan Institute of Technology & Science has been awarded QS 3 Stars Ratings this year and has been accredited 'A' grade by NAAC.

Hindustan Institute of Technology and Science always tread on a path of success with vivid visions about the future of Higher Education and contribution to society.

I congratulate the editorial team for compiling the annual magazine.

DR. ABY SAM

Director

Hindustan Institute of Technology & Science



It is my pleasure to state that this year the University has been Accredited by NAAC with “A” Grade. It also has earned reputation globally with QS 3 Stars Ratings. The academic year also witnessed several important events. The Golden Jubilee Celebrations commenced in September 2016 in a grand manner. A galaxy of golden jubilee events was conducted by various departments .

Few of the prestigious events hosted by HITS are Volkswagen VENTO Cup 2016 – Promo Event, Science Meet, Mega Go Green Drive, National Builder Award Event, ACM ICPC contest, World Literacy Day Celebrations, Indian Robot Premier League, 13th National Competition for Young India, First Lego League – Regionals 2017 etc.

In addition to it International and National Conferences were also held to name a few, International Conference on Sustainable Environment and Energy (ICSEE2017) & National Conference on New Perspectives in English Language Teaching (NPELT’17), the conferences witnessed participation of research scholars from India and abroad.

The 7th Convocation of HITS was held on 8th October 2016. Dr. Sekhar Basu, Chairman, Atomic Energy Commission & Secretary, Department of Atomic Energy, Govt. of India was the Chief Guest.

I am happy that this magazine is a record of the Milestone Events of Hindustan Institute of Technology & Science and it will be cherished forever.

Congratulations Editorial Team!

Dr. PON. RAMALINGAM

Registrar

Hindustan Institute of Technology & Science



India is amongst top 5 countries globally in 'cited research output', with 23 universities in the global top 200! Hindustan Institute of Technology & Science is one of the premier institutions in India with tremendous potential working towards excellence in Higher Education for more than 30 years.

Our institution has been working towards expanding its horizons at both National and International events. The focus this year has been on the education and pedagogy with stress on transition to a learner-centered paradigm of education and intensive use of technology with Outcome Based Education as a base.

For the past few years the foundation of success and the path of achievement has been on the seven aspects namely curricula and pedagogy, faculty, research, partnerships, infrastructure, funding, governance and leadership.

It is a matter of pride that Hindustan Institute of Technology & Science with its well-planned expansion and student-centric learning driven model of education has bettered its enrollment numbers and has dramatically enhanced its learning outcomes. The partnership with foreign institutions and expansion in research areas has been the forte of success this academic year.

The annual magazine is a record of the achievements of the University throughout its academic year. This would give a glimpse of the phenomenal achievements, accolades of the institution, staff and students.

Congratulations Editorial Team!

Dr. N. VASUDEVAN

Dean (Academic)

Hindustan Institute of Technology & Science



The Department of Administration experienced challenging tasks in maintaining high standards in the vast and fast expanding campus in the aftermath of devastating floods in December 2015 & Cyclone Vardah in December 2016. However, the liberal support from the Management, commitment of the staff and team work by the entire administrative fraternity made it possible to repair & renovate the damages and restore the ambience of our Campus. The Green initiative by the staff and students enabled us to compensate for the hundreds of trees lost by planting fresh saplings. In recognition to our contributions towards creating environmental awareness, the University was conferred 'Shrishti Good Green Governance Award - 2017', at New Delhi, the only educational institution to have won this coveted award for the fourth time.

Some salient features, accomplished this year are as follows:

- Construction of Jupiter Hostel for boys in Bay Range Campus with modern amenities.
- Construction of 'Extension Blocks' for Civil & Architecture Departments and also the innovative 'Parabola' in the School of Building Sciences.
- Modernization of laboratories, workshops and class rooms etc. to promote research, projects & learning with focus on state of the art technology.
- Whole hearted involvement by all in promoting and adopting Prime Minister's 'SWATCHH BHARAT' Initiative along with 5S + Safety clean workplace organization in the Campus. Hindustan Institute of Technology & Science has successfully implemented 5S Workplace Management System in the campus.
- Creation of aesthetic landscape to match the eco-friendly environment in campus.
- Up-gradation of HT Electrical Supply System as per the new regulations & doing away with overhead power lines in the Campus.
- Attaining self-sufficiency in stand-by power supply with the acquisition of the 4th DG set having 500 KVA capacity.
- Provision of RO water plants to all the hostels.

Efficient & effective administration is indeed the backbone of any successful establishment / institution. In keeping with this fact, the administrative machinery at Hindustan Institute of Technology & Science is well poised to provide logistic support to the staff & students in their quest for knowledge. Furthermore, an acquisition of resources & creation of infrastructure are dynamic in nature and will continue to evolve in many dimensions from time to time and the Department of Administration is all set to deliver the best it can.

Brig. Dr. RAVI VARMAN

Dean - Administration

Hindustan Institute of Technology & Science



“An investment in knowledge pays the best interest” said Benjamin Franklin. Hindustan Institute of Technology & Science is one among the few places where that investment is made right. I am very pleased to extend my warm wishes to this institution for bringing out the Annual Magazine Hcellence 2017 in a successful manner. I am happy to have been invited as a Guest for several academic meetings and lectures on several occasion and it was indeed a great experience to be amongst the younger generation and enthusiastic staff members. I especially need to mention that the School of Electrical Sciences are working on the future of the students by providing such informative seminar & sessions. I am really grateful to the management for giving me such a wonderful opportunity. I wish the Institution good fortune in the years to come.

Dr.KALLOL ROY

Chairman and Managing Director,
Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI), Kalpakkam.



English is a global language, that has helped in binding nations and delve deep into cultures across the globe. As the American writer Walt Whitman aptly said, “The English Language is the accretion and growth of every dialect, race and time”, English language has the power to break boundaries and barriers of culture and race. It was a pleasure to participate in the National Conference on New Perspectives of English Language Teaching. It was a great experience meeting stalwarts in ELT and I am astounded with the meticulous conduct of the conference and I congratulate the organizers and management for giving me this opportunity to be a part of this prestigious conference (NPELT’17). This has been a great platform and opportunity to bring a confluence of brilliant research scholars and aspirants who do research in English. It is very important to cater to the needs of the students based on the demand from prospective recruiters, as communication skills plays an important role in recruitment process.

Extend my wishes to the editorial team for bringing out the Annual Magazine, Hcellence 2017. I am glad to record my message in this prestigious magazine.

Dr. ERIC LUND

Cultural Affairs Officer, US Consulate



When I learned to run I told myself to run faster. When I ran faster I told myself to leap. It is that leap which taught me to go beyond the boundaries in order to know who I am. After two decades of my constant leap I could see myself in a state of believing that everything in life is possible if we could make that extra leap than doing the mundane. I strongly believe that all of us are gifted to excel in our chosen fields, if we invest extra effort in achieving our goal.

I am delighted to know that Hindustan Institute of Technology & Science has achieved great heights in sports. What makes me feel even happier are the dedication, involvement and hard work of the staff and students who have taken part in the events. This achievement will not be a reality without constant support from the management; I take this moment to thank the management for encouraging and supporting students to take part in events. Training youngsters is a task; once they are properly trained they will become invincible. This is how my mind thinks after reading their achievements this

year. It also shows that students did not stop with one success alone. This is the quintessential attitude of every successful sports person. As a sports person I always tell my trainees to give their 100% in the field, now I can proudly display this year's achievements to my trainees to motivate them and to make them believe nothing is impossible. Mission of the University, 'To make every man a success and no man a failure' is a suitable sentence to highlight achievements of students this year. Once again I thank the management for the support you've shown to encourage sports activities. This encouragement is the leading light for the students to know and believe that in sports there is life, not 'life is a sport.'

Congratulations editorial team of University Magazine 2017.

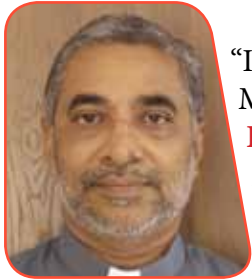
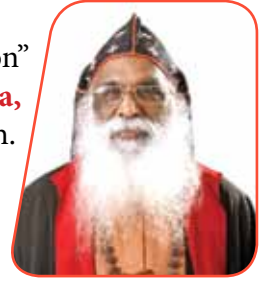
PADMASHRI ANJU BOBBY GEORGE

World Athlete

GUEST BOOK

. “Delighted to be here for the Golden Jubilee Celebrations. My wishes to the institution”

Rev. Dr. Joseph Mar Thoma,
Metropolitan of Malankara Mar Thoma Syrian Church.



“It was indeed a blessed occasion for me visiting Hindustan Institute of Technology & Science. Many wishes for the university to grow in all spheres.”

Rev. Dr. John M. Prasad,

Director of Peace Studies & Co-ordinator for Post Graduate Studies, MCC, Chennai.

“The institution’s service to the society is very much appreciable. Your university acts as a guiding light. As long as the sun and moon remain, let your name continue to sparkle.”

Dr. R. Elangovan,

Prof. & Head, Dept. of Yoga, Tamil Nadu Physical Education and Sports University.



“Extremely happy to be at Hindustan Institute of Technology & Science as a Guest for the Olympic Quiz 2016 organised by the institution. Lots of talent here and I love the way management supports its student community not only in academics but also in extra-curricular activities.”

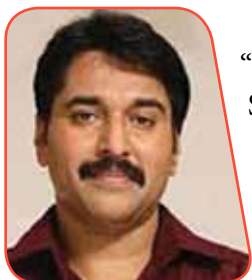
Ms. Sakshi Agarwal

Cine Actress

“Brilliant campus and a very vibrant place for research and knowledge to be shaped every day. Happy to deliver a lecture organised by the School of Management. The presence of very dynamic teachers certainly would make the learning process meaningful”

Gautam Prillore

Professor, School of Management, Linnaeus University, Sweden.



“Happy to attend Onam programme as the Chief Guest at Hindustan Institute of Technology & Science. I am amazed at the festive fervour and traditional spirit exhibited by the management, staff and students. It was such a well-organized event with a splendid cultural show.”

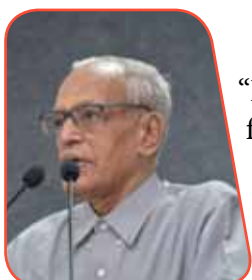
Mr. Rahman

Cine Actor.

“ I appreciate Hindustan Institute of Technology & Science for conducting Dr. KCG Verghese Memorial All India Basket Ball Tournament, in a unique manner, involving participants from institution and corporate. It’s a very impressive attempt made by the institution. Keep up the good work!

Appoorva Muralinath

International Basketball Player.



“I enjoyed my interaction with the staff and students of this institution during the Teacher’s day function and I wish all the very best to everybody.”

Dr. P.V. Vaidyanathan

Former Vice-Chancellor, Annamalai University.



“It is always a pleasure to be in an educational institution contributing to the growth of our Nation. It was a pleasure to be the Chief Guest at the Convocation and I enjoyed my interaction here , I wish to congratulate all the graduates”

Dr. Sekhar Basu

Chairman Atomic Energy Commission & Secretary,
Department of Atomic Energy, Government of India.

“I’m very happy and proud to be here and witness the great enthusiasm of the staff and students of this institution. My best wishes for the higher success of the institution in times to come.”

Dr. R.K. Tyagi

President, Aeronautical Society of India.



Enjoyed shooting in this aesthetic campus and amazed at the plush green environment.

The ambience is exemplary.

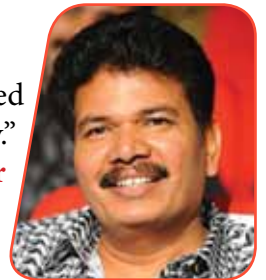
Mr. Akshay Kumar

Cine Actor

“Wonderful shoot at the sprawling green campus an ideal location for film shoot. Overwhelmed by the hospitality.”

Mr. Shankar

Film Director



“ It was a good interaction with students and faculty. Institution aims in promoting Clean and Green India.”

Prof. G. Janardhanan

Head i/c. Centre for Environmental Management
National Institute of Technical Teachers Training Institute, Chennai

“Happy to participate in “Engineer’s Day. Hindustan Institute of Technology & Science remains to be an institute of excellence. Wish all a very happy and bright future.

Dr. P. Sivakumar

Director Combat Vehicles Research & Development Establishment (CVRDE), Defence Research and Development Organisation (DRDO)



“It was a fantastic and remarkable opening for Artificial Intelligence –the Future. I am happy to note that Robert Premier League was conducted at Hindustan Institute of Technology & Science”

Dr.S.Vijayadharini

MLA, Whip, CLP, TN Assembly

“It was a wonderful conference (ICSEE’17) that is expected to provide solutions for Sustainable Environment and Energy. I wish the University success in all their endeavours.”

Dr. Ajayan Vinu

Professor, Nanomaterials, Future Materials Industries,
University of South Australia



“Excellent arrangements and ambience to interact and discuss multidisciplinary technological aspects of importance. Wish all the success to this great institute.”

Dr. R.N. Das, General Manager
Corp-R&D, Bharat Heavy Electricals.



Nice University to visit and truly honoured by the excellent hospitality.”

Dr. Hoe Tan Wang

HOD, Department of Electronic Materials Engineering, Australian National University

I sincerely applaud the efforts taken by Hindustan Institute of Technology & Science in organising the International Conference on Sustainable Environment and Energy (ICSEE2017). I extend my gratitude to the management and organizing committee for inviting me as the Chief Guest for the event.

Dr. Vallerie Keller, Senior Scientist
University of Strasbourg, France



“Very happy to be part of the Indian Robot Premier League organized by Centre for Automation and Robotics (ANRO). The infrastructure is great for the students to pursue robotics.”

Mr. Andy Bell

Global Academic Program Director National Instruments, Texas, US.

“Appreciate the efforts of Hindustan Institute of Technology & Science in promoting green culture amongst the students. Happy to note that environmental awareness programs are conducted regularly in the university. promoting Green Environment”

Mr. Varun Sridharan,

Founder Director- Greenenvironment Innovation & Marketing, Chennai.



“ Appreciate the efforts taken by Hindustan Institute of Technology & Science for identifying the need for research in Renewable Energy and for establishing Honda Fujishima Renewable Energy Lab.”

Dr. Ligy Philip

Professor, Environmental and Water Resources Engineering, IIT Madras.

ANNUAL REPORT

ANNUAL REPORT

Hindustan Group of Institutions is celebrating its Golden Jubilee year and Hindustan Institute of Technology & Science (HITS) is treading the path successfully carving a niche in the educational arena for 33 years amongst the cluster of other educational institutions across the nation. This great institution will continue to spread its wings far and wide to achieve world recognition.

This year we have achieved global recognition, the world ranking QS organization has awarded QS 3 Stars Ratings to Hindustan University. As our journey continues, we take on new challenges, new demands and scale further heights. We always strive hard to succeed and to triumph. Today, it has been a well-recognized fact that hard work combined with efficiency is the key to success.

ACCREDITATION

Hindustan Institute of Technology & Science has secured 'A' Grade in NAAC Accreditation with a significant score of 3.3 out of 4 CGPA.

AWARDS/RECOGNITION

- Dr. Mrs. Elizabeth Verghese, Chancellor of Hindustan Institute of Technology & Science received the Life Time Achievement Award from Customer Service Institute of Australia for her outstanding lifetime contribution and her distinction in public service, service to the University and in recognition of distinguished contribution in the field of academics in January 2017.
- Dr. Anand Jacob Verghese, Pro Chancellor was honoured with the 'Fellowship' of The Aeronautical Society of India on 14th October 2016.

INSTITUTION AWARDS

Hindustan Institute of Technology & Science has been awarded QS 3 Stars Ratings by QS Quaquarelli Symmonds, World Ranking Organisation.

Hindustan Institute of Technology & Science achieved QS Stars Ratings as follows:

Teaching: 5 Stars

Employability: 5 Stars

Facilities: 5 Stars

Innovation: 5 Stars

Inclusiveness: 5 Stars

- NIRE, an initiative of Ministry of Human Resource Development (MHRD), Govt. of India in its All India Ranking 2017, ranked Hindustan Institute of Technology & Science among the top Engineering Institutions in the private category.
- Education Excellence Award for Best University Promoting Research from ASSOCHAM on 23rd Feb 2017.
- IET has recognized Hindustan Institute of Technology & Science among India's Top Private Universities in i3RC Times Ranking.
- Edu DESTINATIONS Awards 2016 for immense contribution to make Chennai, Tamil Nadu a pre-eminent eduDESTINATION of India by ReThink India.
- 'Best University for Promoting Research' from ASSOCHAM during 10th ASSOCHAM Higher Education Summit held during March 2017.
- School of Management, Hindustan Institute of Technology & 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.

NEW INITIATIVES

Inauguration of

- Programming Lab Coder's Hub I & II on 15th July 2016.
- Mathlab Advanced Mathematics & Analytic Centre (AMAC) on 29th July 2016.
- Honda Fujishima Renewable Energy Lab on 4th August 2016.
- Centre for Networking and Cyber Defence on 12th August 2016.
- Centre for Sensors and Process Control on 8th October 2016.
- ACM ICP on 19th December 2016.
- Structural Impact and Crash Simulation Centre (SIMCRASH) on 12th January 2017.
- Hindustan Toastmasters Club on 17th March 2017.
- INTERNATIONAL MOU's - 13 International MOU's were signed with International Universities

RESEARCH PUBLICATIONS:

- 333 papers were published by the faculty members and students. 224 were published in Journals and 109 were at various Conferences.
- 5 Research Projects to the tune of Rs. 141 lakhs are sponsored and projects worth Rs. 1457 lakhs have been submitted to various funding agencies for approval.

PROGRAMMES ORGANISED

123 Programmes were organized it includes International and National Conferences, Seminars, Workshops, Guest Lectures, Faculty Development Programmes, Training Programmes, Webinars etc.

To list a few,

International Conference

International Conference on Sustainable Environment and Energy on 6th & 7th April 2017.

International Symposium

Recent Advances in Nanomaterials & Workshop on Modeling and Simulations of Nanomaterials using VASP and Synthesis and Characterization of Nanomaterials on 20th February 2017.

International Seminar

- Renewable Energy Systems from 26th to 28th July 2016.
- Portfolio Presentation on 27th October 2016
- Space Odyssey – International Seminar – “Experience Space Through Experts” on 8th February 2017.

National Conference

- Current Trends in Advance Materials on 23rd & 24th February 2017.
- Architectural Conclave on “Eco Architecture” on 1st March 2017.
- National Conference on New Perspectives in English Language Teaching on 30th & 31st March 2017.

OTHER IMPORTANT EVENTS CONDUCTED

- Volkswagen VENTO Cup 2016 – Promo Event on 13th July 2016.
- Science Meet on 20th September 2016.
- Mega Go Green Drive 1000 Saplings on 21st September 2016.
- National Builder Award Function, World Literacy Day Celebrations on 27th September 2016.
- Indian Robot Premier League on 15th October 2016.
- 13th National Competition for Young India “Breaking through: Making India a Creative Supporter on 3rd December 2016.
- ACM ICPC Asia Chennai Regional Contest 2016 on 19th December 2016.
- First Lego League – Regionals 2017 on 28th & 29th January 2017.
- Aero Talntz 16 Final Event on 18th February 2017.
- Tamil Nadu State Inter University Basket Ball Tournament from 5th to 7th November 2016.
- South Zone Inter University Cricket Men Tournament 2016-17 from 2nd January to 11th January 2017.

CONVOCAATION

The 7th Convocation of HITS was held on 8th October 2016. Dr. Sekhar Basu, Chairman, Atomic Energy Commission & Secretary, Department of Atomic Energy, Govt. of India was the Chief Guest, and delivered the convocation address. Chief Guest, Dr. Sekhar Basu and Guest of Honours were Dr. R.K. Tyagi, President-Elect, Aeronautical Society of India and Dr. Amitabh Mattoo, Former Vice-Chancellor, University of Jammu, Professor in Disarmament Studies, Centre for International Politics, Organisation and Disarmament (CIPOD), School of International Studies Jawaharlal Nehru University. They were also presented with Honoris Causa during the Convocation. Dr. Mrs. Elizabeth Verghese, Chancellor and Guests awarded Degrees to 1018 graduates it includes 22 Ph.D scholars, 3 M.Phil scholars, 347 post graduates and 646 undergraduates.

OVERSEAS VISITS

S.No	Period	Name & Designation	Place Visited	Purpose
JUNE 2016 – MARCH 2017				
1	15th May to 2nd June 2016	Mr. Milton Huggins Deputy Director Corporate Affairs and Training	Bahrain	Visited Aluminium Bahrain (ALBA)
2	30th May to 8th June 2016	Mr. Ashok Verghese Director	USA	Participated in NAFSA conference and Expo in Denver. Visited University of Colorado, Alamo Colleges, Stevens Institute of Technology and Carnegie Mellon University, for exploring collaboration for mutual tie-up. Memorandum of Understanding was signed by Director, Mr. Ashok Verghese with Alamo Colleges, USA
3		Dr. V. Ravi Kumar Professor & HOD - Chemical		
4	23rd June to 26th July 2016	Mr. K. Kamalakannan HOD – AUTO	Germany	Participated in STiAE 2016 Program organized by Esslingen University, Germany along with the U.G. Program second year and third year students and M.Tech. First year students of Automobile Engineering.
5	2nd to 7th July 2016	Dr. Anand Jacob Verghese Pro Chancellor	France	For collaboration - ENAC & IPSA , and Business – ALSIM Simulator
6		Dr. Ashok Babu Professor – MBA		
7		Mr. Milton Huggins Deputy Director Corporate Affairs and Training		
	11th to 15th July 2016	Dr. A.K. Parvathy Professor – EEE	Bradford University, U.K.	Presented Invited Talk in 2nd U.K India Workshop on Sustainable Energy and Smart Grids on 15th July 2016 at Hilton Hotel, U.K.

9	July 2016	Mr. Rajkumar Asst. Professor – MBA	Latvia	Participated in the Summer Program along with MBA students at Riga Technical University, Latvia.
10	13th to 15th July 2016	Dr. D. Venkata Subramanian Professor – CS	U.K.	Presented research paper titled Fuzzy Based Modeling for an Effective IT Security Policy Management, Science and Information Conference 2016 held at London.
11	29th Aug to 1 Sept 2016	Mr. Milton Huggins Deputy Director Corporate Affairs and Training	Singapore	APATS - Singapore, Airline Training Conference.
12	21st to 29th Sept 2016	Mr. Milton Huggins Deputy Director Corporate Affairs and Training	Bahrain	Visited ALBA
13	Aug 2016	Mr. Mahesh Kumar Reddy Asst. Professor – EEE	Naresuan University Thailand	Pursuing Ph.D Program under Scholarship offered by Thailand Government.
14	3rd Aug 2016	Dr. Anand Jacob Verghese Pro Chancellor	Taiwan	Memorandum of Understanding was signed with Shih Chien University, Taiwan.
15		Mr. Tony, Joseph Associate Professor – MBA		
16		Mr. Sameer Bharat Ram		
17		Mr. Basheer – Advisor		
18		Ms. Sukhee Lee Advisor – IA		
19		Dr. David Easow DD – SOM & IA		
20	4th Aug 2016	Dr. David Easow DD – SOM & IA		Visited Chang Jung Christian University, Taiwan for exploring mutual collaboration
21		Mr. Tony Joseph Associate Professor – MBA		

22	1st to 5th Aug 2016	Dr. Sree Devi Asst. Professor – MBA	Singapore	Participated in Immersion Program at Management Development Institute of Singapore along with the MBA students.
23	7th to 12th Sep 2016	Dr. Anand Jacob Verghese Chancellor	U.K	Participated in World Technology Universities Congress and participated in the World Technology Universities Network. . The Vice Chancellor gave a presentation on Learning Outcomes of Higher Education in a Global Economic Scenario. Visited University of Northampton for exploring collaborations on Fashion Design, Condition Monitoring and E-Waste Recycling.
24		Dr.S. Ramachandran Vice Chancellor		
25		Mr. Salim Mahmood Deputy Director – Admissions		
26	14th October 2016	Mr. Ashok Verghese Director	Dubai	Participated in GCC Alumni Meet (Bahrain, Kuwait, Oman, Qatar, Saudi Arabia and UAE) organized at Dubai.
27		Dr. Aby Sam Director		
28		Dr. S. Ramachandran Vice Chancellor		
29	15th October 2016	Mr. Ashok Verghese Director	Dubai	Visited University of Dubai for exploring mutual collaboration
30		Dr. Aby Sam Director		
31		Dr. S. Ramachandran Vice Chancellor		
32	15th to 23d October 2016	Dr.Vasudevan Dean – Academics	Australia	Participated the IACC Business Delegation held at Australia. He also visited the Australia universities for exploring mutual collaborations – Macquire University, Deakin University, Western Sydney University and Swinburne University of Technology.
33	22nd to 24th November 2016	Dr. Aby Sam Director	Malaysia	Participated and presented the paper titled : Partnership Strategies – A Case Study at Hindustan Institute of Technology & Science, Chennai, India” at the 12th QS APPLE Education Conference and Exhibition, Malaysia
34		Dr. Sherine Professor & HOD – Languages		
35		Dr. David Easow DD – SOM & IA		

36	26th Nov to 7 Dec 2016	Dr. Anand Jacob Verghese Chancellor	UK - South Hampton/ London/Dublin	Royal Aeronautical Society 150 year Conference / South Hampton University
37		Milton Huggins – Deputy Director Corporate Affairs and Training		
38	18th Nov to 2nd Dec 2016	Dr. Dinakaran Professor & Group Lead, Centre Automation and Robotics	U.K	Visited University of Warwick, U.K. for exploring the Joint projects on Austempered Ductile Iron (ADI), and other possible collaborative projects in NDE. Visited Northampton University for academic collaborations in field of NDT. Visited the University of Leeds, U.K. for exploring the research and academic collaborations in the field of robotics.
39		Dr. D. G. Harris Samuel, Professor, School of Mechanical Engineering		
40	7th to 11th Nov 2016	Dr. S. Darius Gnanaraj Professor – MECH	Malaysia	Visited Universiti Tenaga Nasional. Research Centre, Malaysian Nuclear Agency and REMACO (Repair and Maintenance of Power plants attached to Electricity Board) for exploring collaboration for research proposals.
41	18th to 23rd Dec 2016	Milton Huggins – Deputy Director Corporate Affairs and Training	Bahrain	ALBA Training
42	16th to 21 Jan 2017	Dr. David Easow DD – SOM & IA	Muscat, Dubai and Abu Dhabi	Participated in Indus Education Exhibition 2017. Platform for Indian educational institutions to provide information about the courses, options and admission process to local and NRI parents & students.
43		Dr. Rajeev Asst. Professor		
44	4th to 6th April 2017	Dr. Jai Kumar, Asst. Professor – AUTO	USA	SAE World Congress Experience organized by SAE International held at Detroit, Michigan, USA and presented the paper titled “Alternative and Advanced Fuels”

- Mr. Mahesh Rane, Head, Volkswagen Group Academy.
- Ar. Binumol Tom, Member, Council of Architecture, New Delhi.
- Dr. Paul Inman, Pro Vice Chancellor, Oxford Brookes University, U.K.
- Prof. K.V. Thomas, Former Minister, Govt. of India & Member of Parliament.
- Mr. Cherian Thomas, Director, World Vision India.
- Dr. Chandan Kumar Mukhopadhyay, Scientist ‘G’ IGCAR, Kalpakkam.
- Dr. O.R. Nandagopan, Director NSTL, DRDO, Visakhapatnam.
- Dr. Ana Hol, Director of Academic Programme, Western Sydney University.
- Dr. Ken Johnston Sr. Astronaut, NASA Whistle Blower, USA.
- Shri. Sivarama Krishnan, Group Head- Aerodynamics, VSSC, ISRO.
- Dr. Sergei V Avdeykev, Russian Engineer & Cosmonaut.
- Mr. Shaun Moss, International TEDX Speaker Mars Research Station Australia.
- Prof. Rajeev Ahuja, Uppsala University, Sweden.

- Prof. Tae Won Kang, QSRC, Dongguk University, South Korea.
- Mr. Shekar Viswanathan, Vice Chairman & Whole time Director, Toyota Kirloskar Motors Pvt. Ltd.
- Ms. Rhea Chery Shivan, Manager – Campus France Consulate General of France, Chennai.
- Mr. Takashi Miyachi, Director & Vice President, Isuzu Motors India Pvt. Ltd.
- Mr. Eric Lund, Cultural Affairs Officer, US Consulate, Chennai.

STAFF ACHIEVEMENTS:

- Dr. D. Dinakaran, HOD ANRO was elected as Executive Member of Condition Monitoring Society of India which is one of the renowned professional organizations in the field of NDT and Condition Monitoring.
- Dr. D.G. Harris Samuel Prof. Mech had received IET-CLN Men Engineer Award for the year 2015-16 from IET-CLN.
- Dr. Pon Ramalingam, Registrar received the Award for Eminent Educationist from The Indus Foundation during Indo – American Education Summit 2016 in September 2016.
- Dr. Uppu Ramachandriah, HOD (EIE) received the Award for Research Excellence from The Indus Foundation during Indo – American Education Summit 2016 in September 2016.
- Dr. Sheeba Chander, HOD (Arch) received the Award for Teaching Excellence from The Indus Foundation during Indo – American Education Summit in September 2016.

STUDENT ACHIEVEMENTS

- The Team Taiyozen clinched the overall championship in Electric Solar Vehicle Championship held at Bhimavaram, Andhra Pradesh on 2nd April 2017. The Team Taiyozen won the endurance, acceleration, appreciation, green mobility, cross pad runner up and overall championship.
- The Team LAKSHYA under the guidance of Mr. Dinesh Kumar, Asst. Prof. Aero participated in NASA Human Exploration Rover Challenge, USA held at the US Space and Rocket Centre in Huntsville, Alabama, USA and ranked 1st position in India and 33rd position in the World.
- Mr. Shiva Kumar A and Ms. Gayathri B of 1st year B. Tech. Aero Space students won the 7th and 8th rank respectively in National Mathematics Talent Contest conducted by the Association of Mathematics Teachers of India on 22nd October 2016.
- Mr. K. Arjun, 2nd year B. Tech. Auto, won the 1st prize in Photography event organized by Shri Dharmasthala Manjunatheshwara Institute of Management Development, Mysore in Feb 2017.
- Mr. D.K. Makeash Kumar and Mr. M. Kaushik Kannan of 3rd year CSE students had received IET-CLN YP Leadership Award 2015-16 and IET-CLN YP Academic Performance Award respectively on 25th September 2016.
- Mr. Palla Lokesh, Mr. Ajeesh Varghese, Mr. Arijeet Kumar and Mr. Ashok Kumar final year students of B. Tech Auto had been recognised by the Indus Foundation for “Awards for Academic Excellence”. The students received certificate and Memento during Indo-American Education Summit 2016.

SPORTS ACHIEVEMENTS

- Hindustan Institute of Technology & Science won the South Zone Women’s Inter University Basketball Championship on 15th December 2016.
- Mr. Riswat of 2nd Auto won the 2nd Prize out of 154 contestants in the VITC Cyclothon for cycling for 30 kms on 7th March 2017. He received a silver medal and cash award.
- Hindustan Institute of Technology & Science had won the South Zone Inter University Cricket Men Tournament 2016-17 on 11th January 2017 against Madras University.

PLACEMENT

The Placement team strives to achieve the objective of placing all eligible students by interacting with Corporate World. The department enhances the employability and soft skills that are required by the recruiters by conducting Pre-Placement Training programmes.

Companies that visited the campus this academic year are as follows:

Amazon, Juspay, DBS Bank, Kaar Technologies, embedUR Technologies to name a few. Indian Navy visited the campus for recruitment from Govt. Sector. Some of the other leading recruiters were Capgemini, CGI India, SANMAR Group, Godrej Infra, Data Patterns, Gamesa, Aithent, TATA AIG, etc. Accenture, Bank, CSS Corp, Sutherland to name a few for Science & Humanities Streams.

ALUMNI ACTIVITIES

Two Alumni Reunions were organised by the University during the academic year from 2016-2017

- Third batch graduates (1987-1991) celebrated their 25th Year Re-union on 9th July 2016 at the University campus. 71 Alumni from India, USA, Singapore, Malaysia, Dubai, Kuwait and Saudi Arabia participated in the event. "HCE '91 meets HITS 2016" - an informal Panel Discussion was held during the event wherein pre-final and final year students interacted with their Seniors on current job scenarios and career opportunities.
- In commemoration of the Golden Jubilee Year of Hindustan Group of Institutions (HGI), a GCC Alumni Re-union was organised in Dubai, UAE, on 14th October 2016, at Hotel Holiday Inn, Bur Dubai. The event was sponsored by HGI Management and was organised by the Core Committee of UAE Alumni Chapter. 109 Alumni attended the event with their families. Dr. S. Ramachandran- Vice-Chancellor, Directors- Mr. Ashok Verghese, Dr. Aby Sam, Mr. Prasad Mathew, Director International Affairs, Sports Advisor - Mr. Abraham Verghese, Hindustan Alumni Association (HITSAA) Coordinator and Ms. Madhuri Yatham, Deputy Registrar, attended the event.

CELEBRATIONS

Engineers Day, Republic Day, Independence Day, Teachers Day, International Yoga Day, Education Day, National Unity Day, International Women's Day and National Science Day were celebrated.

CULTURALS

- Fiesta 2016 the Freshers' Meet was conducted on 23rd September 2016.
- Inter-Department Cultural Festival, YARONA 2017 was conducted on 1st April 2017. Ms. Varalaxmi Sarathkumar, Film Actor was the Chief Guest and Mr. Takashi Miyachi, Director & Vice President, Isuzu Motors India Pvt. Ltd. was the Guest of Honour for the inaugural function. Mr. Shashikantha Jayaraman, CEO & Principal Advisor, Hex Advisory (P) Ltd was Chief Guest of Valedictory function.

SOCIAL OUTREACH ACTIVITIES

- OMR RUN. Rotary club of Chennai upscale organised "OMR RUN" a fund raising programme for Charity on 5th February 2017. 650 volunteers from the Hindustan Group of Institutions participated in the event.
- Appreciation Award was received from the Rotary Club of Chennai Upscale. NSS cell and Rotaract club of Hindustan Institute of Technology & Science received the appreciation award for the valuable support in OMR RUN.
- Swachh Bharath Kashmir To Kanyakumari Rotary Cycle Rally 20 Rotaracters from RCHU club participated in Swachh Bharath Kashmir to Kanyakumari. Rotary Foundation Centennial Cycle Rally on 4th December 2016 at Besant Nagar Beach, organised by Rotary club of Madras Midtown, Greater Chennai Corporation and Ministry of Urban Development, Govt. of India.
- 50 Computers distributed to Govt. Schools. Ford, Perungudi donated 50 computers to the 6 Govt. schools at the vicinity of University.
- Christmas Celebration at CSI higher Secondary School for Deaf & Dumb. On the Eve of Christmas 20 rotaracters from the Rotaract Club of HIET & Hindustan Institute of Technology & Science jointly celebrated Christmas at CSI Higher Secondary School for the Specially Challenged children, Mylapore on 24th December 2016.

IMPORTANT VISITORS TO HINDUSTAN

About 200 dignitaries have visited HITS during this year. To name a few,

- Dr. Haile Selassie Rajamani, Senior Lecturer, School of Electrical Engineering & Computing Sciences, Bradford University
- Dr. Graeme Salter, Director, Western Sydney University, Australia.
- Dr. Brittany G. Wright, Director, George Washington University.
- Dr. P. Sivakumar, Distinguished Scientist, Director, CVRDE, Avadi.
- Dr. V. Kannan, Scientific Consultant, National Centre for Sustainable Coastal Management, Chennai.
- Dr. P. V. Vaidyanathan, Former Vice Chancellor, Annamalai University.
- Most Rev. Dr. Joseph Mar Thoma, Metropolitan of Malankara Mar Thoma Syrian Church..
- Dr. Sekhar Basu, Chairman Atomic Energy Commission & Secretary, Dept. of Atomic Energy, Govt of India.
- Dr. R.K. Tyagi, President-Elect, Aeronautical Society of India.
- Dr. Amitabh Mattoo, Former Vice Chancellor, University of Jammu, Prof. in Disarmament Studies, Jawaharlal Nehru University.
- Mr. Andy Bell, Global Academic Program, Director National Instruments- Austin, Texas, USA
- Dr. U. KamachiMudali, Outstanding Scientist and Group Director, IGCAR Kalpakkam.

CONVOCAATION 2016





In recognition of the Outstanding Life Time Contributions of Dr. Mrs. Elizabeth Verghese, Chancellor of Hindustan Institute of Technology & Science, the Indo Australian Organisation bestowed her with the Life Time Achievement Award for Public Service in January 2017.



Mr. Ashwin Fernandes, Regional Director – Middle East, North Africa & India, QS presenting QS 3 Stars Ratings Certificate to the Hindustan Institute of Technology & Science (HITS) and it is received by Dr. Elizabeth Verghese, Chancellor in the presence of Dr. Aby Sam and Mr. Ashok Verghese, Directors and Dr. Ilavazhagan, Director Research, HITS



Dr. Anand Jacob Verghese, Pro Chancellor was honoured with the 'Fellowship' of The Aeronautical Society of India on 14th October 2016.



Coffee Table Book "Jewels of South India - Leading & Emerging Global Personalities" was released on 6th January, 2017 at Bengaluru. The Jewel of South India award was bestowed on Dr. Anand Jacob Verghese, Pro Chancellor and an article of the CEO of Hindustan Group of Institutions, featured in the Coffee table book was released. The award was received by Mr. Ashok Verghese, Director, Hindustan Institute of Technology & Science on behalf of the Pro Chancellor.



Dr. Ilavazhagan, Director - Research, Hindustan Institute of Technology & Science receiving "Best University Promoting Research" award from ASSOCHAM during the Higher Education Summit on 23rd February 2017.



Indo Global Architecture Education Excellence Award during International Research Conference by the Indo Agriculture (IGCCIA) in December 2015, Dr. Sheeba Chander, HoD, Department of Architecture received the award from At. Shaikh Zuber Rashid, Eminent Architect



Inauguration of Structural Impact and Crash Simulation Centre (SIMCRASH) was inaugurated by Dr O.R Nandagopan, Director, Naval Science and Technological Laboratory (NSTL), DRDO on 12th January 2017.

MOU'S



MOU Signing at Shih Chien University, Taiwan on 8th August 2016 by Dr. Anand Jacob Verghese, Pro Chancellor and Dr. Michael J.K.Chen, President, Shih Chien University



MOU Signing with Institute Polytechnique des Sciences Avancees, France on 18th July 2016 by Dr. Anand Jacob Verghese and Dr. Herve Renaudeau, General Director, IPSA, Sienne, France



Mr. Ashok Verghese, Director, HITS and Dr. S. Ramachandran, Vice Chancellor, HITS with Dr. Roderick Nairn, Provost and Executive Vice Chancellor for Academic and Student Affairs, University of Colorado, USA during the signing of MOU on 27th September 2016



Memorandum was signed by Mr. Ashok Verghese, Director HITS and Dr. Jo-Carol Fabianke, Vice-Chancellor for Academic Success, Alamo College, Texas, USA. on 14th June 2016.



Dr. Pon Ramalingam exchanged MoU signed by Dr. Liz Barnes, Vice-Chancellor, Staffordshire University, UK with Prof. Martin Fiddler, Staffordshire University, UK on 28th September 2016.



Delegation headed by Ms. Stéphanie Loup- Caestecker, Director-International Relations, IPSA, France visited University in July '16 based on the MoU signed with IPSA through Exchange Programmes and Joint Research Activities

CELEBRATIONS



Hindustan Group of Institutions celebrated its Golden Jubilee on 26th September 2016. His Grace The Most Rev. Dr. Joseph Mar Thoma, Metropolitan of Malankara Mar Thoma Syrian Church led the event.



Onam celebrations was held on 3rd September 2016. Renowned Cine Actor, Mr. R. Rahman was the Chief Guest .



Carol the King competition was held on the occasion of Christmas Celebration for Colleges, Schools and Churches in 3 categories. 35 teams participated.



The MTV & Maruti Suzuki – Colors of Youth Season – 6 in collaboration with Hindustan Institute of Technology & Science conducted the auditions on 15th February 2017 Mr. Benny Dayal, the renowned Bollywood Singer and Miss. Lauren Gottlieb, the Actress and versatile dancer were the judges of the event.



The State's Coolest Talent Hunt Mirchi Kalloori Stars – Season 6 organized by Radio Mirchi 98.3FM in association with Hindustan Institute of Technology & Science, was held on 30th September 2016. The winners were Ms. Mehar Dewan, 1st year Aerospace and Ms. Irene Babu, 1st year Fashion Design.



Fiesta 2016, the Annual Freshers Talent Hunt was held on 23 Sept. 2016.



Hindustan Team participated in Ponthiruvathira Season 2 competition organised by Malayala Manorama held at SMVR Auditorium, Lady Andal School, Chetpet on 23rd November 2016



The Tamil Festival Pongal was celebrated in a traditional manner with preparation of Pongal at the Open Air Theatre on 14 Jan. 2017. Competitions such as Sack Race, Uriyadi were conducted as a part of this celebration; and prizes were distributed.



Christmas was celebrated in unison by the entire Hindustan Group of Institutions on 22nd December 2016 The Chief Guest was Prof. K. V. Thomas, Former Minister, Govt. of India, MP, Lok Sabha



Inter-Department Cultural Festival, YARONA 2017 was conducted on 1st April, 2017. Ms. Varalaxmi Sarathkumar, Film Actor was the Chief Guest

SCHOOL REPORT



DR. G. ILVAZHAGAN
DIRECTOR

The University's Centre for Research and Consultancy (CRC) is a service unit under the Office of the Director (Research). It provides valuable support in fulfilling the University's Vision-Mission through its programs and services.

RESEARCH SCHOLARS:

- 369 candidates registered for PhD and 55 enrolled into the PhD courses. Currently the university has 46 full time PhD research scholars.

HITS TEACHING RESEARCH ASSOCIATE:

- Hindustan Institute of Technology & Science offers HITS Teaching Research Fellowship (HTRF) for full time research scholars. Presently, there are 22 PhD scholars who received HTRF fellowships.

AWARD OF PH.D. & M. PHIL:

- 22 candidates were awarded Ph.D Degree, 7 PhD candidates have completed viva-voce examination and 3 candidates received M.Phil Degree at the convocation held in October 2016.

SPONSORED RESEARCH PROJECTS:

Projects Sanctioned during 2016-17				
S.No	Project Title	Project Investigator	Amount (Rs.in Lakhs)	Funding Agench
1	Enhancement of heat transfer using silicon carbide nanoparticles and whiskers based Nano fluids	Dr. N. Kavitha Dept. of Chemical Engineering	27.37	DST
2	Distance based topological indices problems in cheminformatics and its applications	Dr. R. SundaraRajan Maths	15.00	DST (SERB)
3	Development of microwave assisted lead-free high performance piezoelectric materials	Dr. Rajim Ali Mondal Physics	35.23	DST (SERB)
4	Application of NDT for Foundry Products and improving skill of Indian Foundry Men	Dr. D. Dinakaran ANRO	42.00	Newton Bhaba fund
5	Composites Fuel Tanks for MBT	Dr. Ramakrishnan Mechanical	21.50	CVRDE(DRDO)
Total				141.04

CONSULTANCY PROJECTS:

- Computerized Thickness Gauging of Casting Components - 8.25 Lakhs.

SEMINARS ORGANISED:

- Material Science for Clean Energy Application by Dr. Rajeev Ahuja, Professor, Condensed Matter Theory Group, Materials Theory Division, Department of Physics and Astronomy, Uppsala University, Sweden on 21st January 2016.
- Technologies for Safety Management by Dr. Chitra Rajagopal, Outstanding Scientist and Director, CFEES on 12th August 2016.
- How to Self-Publish Books by Naveen Valsakumar Co-founder Notion Press on 28th September 2016.

WORKSHOPS ORGANISED:

- Writing Report by Dr. Bhaskaran Nair , Prof (English) from September 2015 to October 2015.
- Latex by Dr. Satheesh Kumar , AP (EIE), from October 2015 to November 2015.
- Statistical Analysis for Researchers by Dr. D. Sampangi Raman, Indian Statistical Institute, Taramani, Madras from 6th -7th October 2016.
- Editing Ph.D. Thesis using Latex / End note – Database/Information Management by Dr M.M. Ramya, Prof. (Robotics), HITS on 18th November 2016.

GENERIC TRAINING PROGRAM:

S.NO	DATE	TITLE OF THE SEMINAR	NAME OF THE RESOURCE PERSON
1	02.09.16	Importance of Literature Review	Dr. R.Srikanth Prof. & HOD (SOM)
2	04.11.2016	Plagiarism and how to avoid it	Dr. Richa Tripathi Resource Information Officer
3	09.01.2017	Research Methodology	Dr. L.S. Ganasean, Prof. Dept. of Management , IIT(M)
4	27.01.2017	Research Presentation Skills	Dr. M. K. Badri Narayanan, Professor – School of Management & Coordinator- HTBI & HEIC
5	25.02.2017	Time Management & Planning	Dr. David T. Easow, Deputy Director – SOM & IAC
6	30.03.2017	How to Write Research Papers	Dr. M. K. Badri Narayanan, Professor – SOM & Coordinator- HTBI & HEIC

INTERACTION WITH R&D ORGANISATIONS:

Visit to CVRDE:

- Visit of Faculty of Aeronautical Engineering was arranged during December 2016.
- Director (Research) visited Dongguk University to discuss about MOCVD and participated in the 110th Anniversary of Dongguk University from 5th -8th May 2016.

RESEARCH PUBLICATIONS:

- 333 papers were published by the Faculty members and Students in 2016 out of which 224 were published in Journals and 109 were at various Conferences.



DR. DILIP SHAH
HEAD

AERONAUTICAL ENGINEERING

(Established 1985)

GRADUATING BATCH	
UG	175
PG	39

ACHIEVEMENTS OF THE DEPARTMENT: (FACULTY ACHIEVEMENTS)

- Dr. Anand Jacob Verghese, Pro-Chancellor, Hindustan Institute of Technology & Science was re-elected as Chairman for Aeronautical Society of India (AeSI), Chennai Branch on the occasion of AeSI Chennai Branch General Body Meeting held during the month of October 2016.
- Dr. Anand Jacob Verghese, Pro-Chancellor, Hindustan Institute of Technology & Science and Chairman for Aeronautical Society of India (AeSI), Chennai Branch was awarded as Fellow during the AeSI AGM held from 14th to 15th October 2016.
- Dr. J. Ashok Babu, Dean (Admissions), Hindustan Institute of Technology & Science was reelected as Honorary Secretary of Aeronautical Society of India (AeSI), Chennai branch, October 2016.
- Dr. Dilip A Shah serving as:
 - Editorial Board member of Journal of Aerospace Engineering and Technology.
 - Editorial Board Member (Advisory Committee member) of ISRASE.
 - Chairman Awarding Committee and Special lectures of Aeronautical Society of India, Chennai Branch.
- Mr. C. S. Karunakaran serving as:
 - Champion, Club Officer Leadership Training, SAE ISS
 - Convenor "AERO TALNTZ 16" Aeronautical Society of India, Chennai Branch.
 - Member of Aerospace Development Council SAE ISS.
- In commemoration of the birth anniversary of Late Dr. A. P. J. Abdul Kalam, a signature campaign and student's oath-taking was conducted by AeSI, Chennai branch at HITS on 15th October 2016. Intra-collegiate students quiz named "WINGS" was conducted by School of Aeronautical Sciences in association with AeSI, Chennai Branch at HITS on 27th July 2016.
- International Seminar on Space Odyssey was conducted by School of Aeronautical Sciences from 7th to 9th February 2017. Dr. Ken Johnston. Sr (Civilian Astronaut), Mr. A. E. Sivaramakrishnan (Group Head, VSSC, ISRO) and Mr. Shaun Moss (International TEDx speaker) gave lectures at the seminar.
- School of Aeronautical Sciences hosted the AeSI, Chennai Branch event named as AERO TALNTZ 16 on 18th February 2017 for school students in Chennai.
- School of Aeronautical Sciences participated as an Exhibitor in Aero India 2017 Bangalore Airshow from 14th to 18th February 2017.
- Dr. J. Dilip A Shah, Head, Dr. J. Ashok Babu (Dean-Admissions) and Mr. C.S. Karunakaran, Asst. Prof presided as Chief Guest at the AeSI, Chennai Branch AERO TALNTZ 16 zonal event at Coimbatore and Thanjavur from 1st to 3rd December 2016.
- Mr. G. Dinesh Kumar, Assistant Professor, and his team of ten students achieved 2nd Position in NASA Tech Brief Contest 2016 in the most popular category for the Project, Slosh reduction using Linear Actuator in liquid propulsion system.
- Dr. Dalbir Singh, Associate Professor and Mr. C. S. Karunakaran Assistant Professor, presided as zonal judges in the TV Channel Puthia Thalaimurai's Veetirku oru Vingani student programme held at HIET, Padappai on 3rd September 2016.

STUDENT ACHIEVEMENTS

- Team ASTRA won the 5th place in SAE Aero Design International West 2017 at Fort-Worth, Dallas, Texas, USA from 10th to 12th March 2017 mentored by Dr. Dalbir Singh, Professor, Aero. Dept.
- Team FALCON participated in the world's Premier CANSAT competition and won 8th position globally, organized jointly by American Astronautical Society (AAS) and American Institute of Aeronautics & Astronautics (AIAA) for college students, held at Stephenville, Texas, US. The team was mentored by Mr. Kirubakaran, Assistant Professor.
- Mr. Dinesh Kumar and Mr. C. S. Karunakaran Assistant Professors along with students from School of Aeronautical Sciences participated in Hands Across the Sands event conducted by M/S Vestas on 15th June 2016.
- Team STARK from Hindustan Institute of Technology & Science participated in Boeing National Aeromodelling Competition (South Zone) at IIT MADRAS SHAASTRA 2017 and won 3rd position among the 65 teams from all over India in April 2017. The team members were students of 3rd Aero, Shreeram, Akshaya, Shyam, Amaresh and Mr. Dinesh Kumar, Faculty Advisor.
- The team STARK from Hindustan Institute of Technology & Science participated in Technoxian 2017 World Robotics Championship Indoor RC Craft Championship and won 3rd Place with cash prize Rs. 25000 amongst 50 teams from all over India, at Indira Gandhi Indoor Stadium, New Delhi in April 2017. The team members are Sai Shreeram, Akshaya Varnikha, Amaresh, 3rd Aero and Mr. Dinesh Kumar G, Faculty Advisor.
- A team of 6 students from The School of Aeronautical Sciences participated at NASA Human Exploration Rover Challenge 2017 held at U.S Space and Rocket Centre in Huntsville, Alabama, United States. The team LAKSHYA bagged the 1st position in India. The team members were Sidharth, Parvesh, Saroj, Sachin, Sumanvitha and Sheebha, Mr.G. Dinesh Kumar, Assistant Professor, Faculty Advisor.

INTERNATIONAL CONFERENCES:

PAPERS PRESENTED

- Development of Nano Sensor for Damage Monitoring in Aerospace Structure by M S Nisha, Sasirekha and Dr. Dalbir Singh at International Conference on Materials, Design and Manufacturing process - ICMDM2016 at Anna University, Chennai from 17th to 19th February 2016.
- Computational Analysis of Cavity Effect Over Aircraft Wing by Dr. Dilip A Shah, Professor & HOD, at second International Conference on Science Technology Engineering and Management at Jeppiaar Engineering College, Chennai, 2016.
- Application of Tubercles in Wind Turbine Blades: A Review by Dr. Dilip A Shah, Professor & HOD, at International Conference on Technological Advancements in Materials and Manufacturing for Industrial Environment (TAMMIE'16) held at KPR Institute of Engineering and Technology, Coimbatore, from 4th and 5th March 2016
- Effect of Graphene Platelets/Fiber on Plastics Nano Composites Under Low-Velocity Impact Response by Dr. Dalbir Singh at International Conference on "Mechanical Engineering Design" at SSN College of Engineering, Chennai, from 25th to 26th April 2016.
- Design and Manufacture of Nanofibers Using Electrospinning Technique for Aerospace Application by Nisha, Assistant Professor and Dalbir Singh, at International Conference on Mechanical Engineering Design, SSN College of Engineering, Chennai, from 25th to 26th April 2016.
- Propellant-Less Thrust Generation-A Review by Assistant Professors, Umang Singhal, Yash Pal and S. Murugesan, at International Conference on "Mechanical Engineering Design", SSN College of Engineering, Chennai, from 25th-26th April 2016.
- Numerical Investigation of Bird Strike Effect on a Rigid Plate by E S Elumalai, Prof. K.Ramajeyathilagam and Stanley Samlal, Assistant Professor, at International Conference on Current Trends in Engineering and Technology, Chennai on 15th May 2016.

R&D PROJECTS

S. No.	Project Title	Investigator	Amount (Rs.)	Remarks
1	Evaluation of Numerical Bird Material Model Parameters Through the Dynamic Test Of Bird Projectile	Dr. K. Ramajeyathilagam Mr. Stanley Samlal	9,66,820	Gas Turbine Research Establishment (GTRE,DRDO)
2	Simulation of Traumatic Brain Injury Using Finite Element Method	Dr. K. Ramajeyathilagam Mr. Stanley Samlal	5,60,000	Hindustan Institute Of Technology & Science (HITS)



Dr. Anand Jacob Verghese received the Fellowship Award during AeSI AGM at IIT, Mumbai on 15th October 2016.



Mr. Michael Wasserblat, Director, Israel Aerospace Industries inaugurated the Hindustan Group of Institutions stall at Aero India 2017



Aerospace and Aviation Excellence awardees during the International Seminar on Space Odyssey held at HITS.



Mr. T. K. Sundaramurthy, (Retd.) Mission Director ISRO delivered a lecture on 27th July 2016 during Intra Collegiate Quiz that was conducted commemorating the Memorial Day of Late Dr. APJ Abdul Kalam, Former President of India.



Hindustan Institute of Technology & Science team with Central Aviation Minister Mr. Ashok Gajapathi Raju .



DR. SHEEBA CHANDER
HEAD

ARCHITECTURE

(Established 1993)

GRADUATING BATCH	
UG	75
PG	3

ACHIEVEMENTS OF THE DEPARTMENT

- School of Architecture received the Award for Educational Excellence at the Indo- American Education Summit 2016 at Chennai from The Indus Foundation.
- The Shrishti Good Green Governance Award -2016 was awarded to Hindustan Institute of Technology & Science for spearheading India's Green University Revolution. Dr. Ravi Kumar Bhargava, Dean, Building Sciences, received the award.

STAFF ACHIEVEMENTS

- Dr. Sheeba Chander received the Netherland Fellowship (NFP) and attended the Refresher Course on Urban Space and Disaster: Building Resilience with Communities from 22nd May to 2nd June 2017. The Institute for Housing and Urban Development Studies (IHS), part of the Erasmus University in Rotterdam, Netherlands, coordinated the course in association with Khwopa Engineering College (KhEC) and IHS Alumni Nepal (IHSAN) at Khwopa Engineering College, Nepal.
- Dr. Sheeba Chander received the Award for Teaching Excellence-2016 during the Indo- American Education Summit 2016 at Chennai from The Indus Foundation.

STUDENT ACHIEVEMENTS

- Reciprocity Fest - Art and Architecture Exhibition organized by Shilpa Architects, Mr. Jeyakumar 4th Arch won the 1st prize for Art installation.
- 3rd year students won 1st prize for Pavillion Design in "HASTAG -Architectural Fest"organized by SRM University.
- Two 3rd year students won 2nd prize in "Jamai'Vu Design" Competition organized by Bharat University, Chennai.

INTERNATIONAL VISITS BY STUDENTS

Semester Exchange Programmes

- Preethi, D.Pradeeb Kumar, 3rd B.Arch completed the course at Politecnico Di Milano , Italy.
- B.Varsha and Krishna Sruthi A.S of 3rd B.Arch completed the course at University of Applied Sciences, Detmold, Germany.
- R. Vignesh and Mahesh of 3rd B.Arch completed the course at Dongguk University, Korea.

SYMPOSIUMS

- Chiarascuro 2016 – a National Level Symposium focusing on "Heritage Architecture and Media – Screening the Past" was conducted on 22nd October 2016. Ar. Binumol Tom, Member COA, Ar. ZoyabKadi, Principal Architect, Triple O Studio and Mr. Thangavel Ramalingam, Art Director of movies Kabali and Pizza , were the resource persons.
- Architectural Conclave –Eco Architecture was conducted on 1st March 2017 in association with IGBC-Indian Green Building Council and IIA -Indian Institute of Architects. Renowned Architects Dr. Ranee Vedamuthu, Chairman, Faculty of Architecture, SAP, Anna University, Ar. W.B.Anand, Chairman, IIA, Chennai Chapter; Ar. Sheila. Shilpa Architects; Ar. Dharmesh Jadeja, Dustudio, Aurovilole ;S. Karthikeyan,CII-IGBC were present.

CONFERENCE/PROGRAMME ATTENDED

Faculty and Students of Architecture attended many conferences and programmes, a few of them are listed below:

- Chennai Water Forum workshop organized by Goethe Institute in Kalakshetra, 32 students participated.
- Faculty from School of Architecture attended National Conference on Environmental Consciousness in Current Indian Art organized by Dakshinachitra.
- Ar.Reshmi B.Panicker attended X International Geographical Union, Thematic Conference and Presented paper on “An Approach to Social Sustainability in Chennai –Understanding The Dynamics Of Public Places” in March 2017.
- A Critical Study on impact of Developments along Old Mahabalipuram Road and its immediate surroundings in Chennai Metropolitan Area (CMA) by Ar. D. Karthikeyan at International Conference on Sustainable Build Environment held at IIT, Rourkee in February 2017.
- Dr. Sheeba Chander attended the Conference on ‘PERI –Urban Development’ by IGCS,IIT Madras in January 2017.



Dr. Sheeba Chander received the Award for Teaching Excellence 2016 The Indo-American Education Summit 2016 from Indus Foundations



Award for Education Excellence 2016' received by SOA, HU during the Indo-American Education Summit 2016 from Indus Foundation



Chief Guest, Dr. Ranee Vedamuthu, SAP, Ar. Sheila Sriprakash at the Architectural Conclave



Interaction by Ar. Pramod Balakrishnan, Chennai Architect Foundation with students of B.Arch during the Vertical Studio Workshop.



Refresher Course on Urban Space and Disaster: Building Resilience with Communities from 22nd May to 2nd June 2017 held at Nepal.



Ms. B.Varsha, Ms.Krishna Sruthi A.S of 3rd B.Arch at University of Applied Sciences Detmold , Germany under Semester Exchange program 2017.



Mr. R Vignesh Mr. R.P Mahesh of 3rd B.Arch at Dongguk University, South Korea under Semester Exchange program 2017



Mr. R Vignesh, Mr. R. Mahesh of 3rd year B.Arch at Dongguk University, Korea under Semester Exchange program 2017

DEPARTMENT OF CIVIL ENGINEERING

(Established 1985)



Dr. JESSY ROOBY
HEAD

GRADUATING BATCH	
UG	79
PG	24

DEPARTMENT ACHIEVEMENTS

- DST sponsorship of Rs. 2 Lakhs received for International Conference on Sustainable Environment and Energy (ICSEE'17). One research scholar was awarded Ph.D.

STAFF ACHIEVEMENTS

- Mr. Ravikumar.P, Associate Professor received the Best Teacher Award.

INTERNATIONAL CONFERENCES

The Department of Civil Engineering and the Department of Electrical & Electronics Engineering, Hindustan Institute of Technology & Science organized an International Conference on Sustainable Environment and Energy (ICSEE) on 6th - 7th April 2017. 350 participants across the country participated in the event. Dr. Valerie Keller, Senior Scientist, University of Strasbourg, France was the Chief Guest and Dr. Ajayan Vinu, Professor on Nanomaterials, University of South Australia, Adelaide were the Guests of Honour. Department of Science & Technology (DST-SERB) collaborated for the Conference.

NATIONAL SEMINARS

- Advanced Wastewater Treatment by Dr. Ligy Phillip, EWRE, IIT Madras was conducted on 4th August 2016.
- Alumni Seminar Series celebrating 50 years of HGI was conducted on 6th August 2016 and Mr. Arunachallam, Project Manager, Reliance India limited was the Resource person.
- Prefabricated Structures was conducted on 17th February 2017 and Mr.K.Kamalakaran, General Manager-Ultracon Structural System, Chennai was the resource person.

NATIONAL WORKSHOP

Ocean Technology & Oil spill Modeling was held on 6th January 2017. Chief Guest was Dr. Raju Abraham, Scientist-F, National Institute of Ocean Technology, Chennai.

National Symposium Shrishti'16 was held on 10th September 2016. Mr. Suresh Krishn, Managing Director, Isha Homes was the Chief Guest.

SYMPOSIUM

SHRISHTI'16 National Symposium was conducted on 10th September 2016 at Department of Civil Engineering. Mr. Suresh Krishn, Managing Director, Isha Homes was the Chief Guest.



The Department of Civil Engineering and the Department of Electrical & Electronics Engineering, organized two days International Conference. Dr. Vallerie Keller, Senior Scientist, University of Strasbourg, France was the Chief Guest.



National Symposium Shrishti'16 was held on 10th September 2016. Mr. Suresh Krishn, Managing Director, Isha Homes was the Chief Guest.



FDP on Solid Waste Management was held from 22nd to 23rd July 2016. Dr. Janardhanan, Prof & Head for Environmental Management, NITTTR, Chennai inaugurated the program.



'Honda Fujishima Renewable Energy Laboratory', a Research Laboratory was inaugurated on 4th August 2016. Dr. Ligy Philip, Professor, Environment and Water Resources Engineering, IIT Madras and Prof. R. Nagendran, Anna University.

COMPUTER SCIENCE & ENGINEERING

(Established 1993)



Dr. RAJESWARI MUKESH
HEAD

GRADUATING BATCH	
UG	70
PG	1

STAFF ACHIEVEMENTS

- Dr. J. Thangakumar, Mr. K. Dwarakanath, and Mr. M. Sambath, Assistant Professors were awarded Inspire Faculty Award by Infosys in June 2016.
- Ms. K. Padmaveni, Ms. Gino Sophia, Dr. J. Thangakumar and Mr. M. Sambath won 2nd prize in ICT Quiz orals organised by IEEE(CS) & CSI Chennai Chapter in August 2016.
- Dr. J. Thangakumar received the Best Teacher Award in the Junior category in December 2016 organised by Nehru Group of Institutions.
- Mr. S.K. Shankar received the Best Achiever Award at Top Engineers Student and Faculty Award TESFA 2017 on 26th March 2017.

STUDENTS' ACHIEVEMENTS

- Makesh Kumar, Kaushik Kannan and Abhishek Jaiswal, 3rd CSE, won the 1st prize in the Hackathon organised by Venturesity at Bangalore from 14th to 15th August 2016.
- Rithvik Krishnan of 2nd CSE won 2nd prize in the debate organised by British Council on 13th August 2016.
- Trivikram, Haneef of 2nd and final year won 3rd prize in the "Hackathon" organised by CII with Tech Mahindra in September 2016.
- Makesh Kumar of 3rd CSE won third prize in International Robot Contest, R-Biz Challenge, South Korea on 16th October 2016.
- Sathyavathy and Naveena Shikaholi of 3rd year won the second prize in the paper contest in CSI Student Convention on 25th October 2016.
- Aditya Narayan, Yogeshwar, Sajal and Ashish Cherian of 2nd CSE received funding for their Apps Wikibot and Grammarbot from iMorph Inc during the project design contest held on 28th April 2017.

CONFERENCE

- Intelligent Information System was hosted by School of Computing Sciences, HITS, in association with Centre for Networking and Cyber Defense (CNCD). The Conference was sponsored by Department of Research and Development Organization (DRDO) and GUVI, a business incubator company under Indian Institute of Technology, Madras. The Conference was inaugurated on 27th February 2017 by Dr. Ajith Abraham, Machine Intelligence Research Laboratory, USA along with Dr. S Selvakumar, Dean, Indian Institute of Information Technology, Srirangam.
- Cyber Security Conclave was held on 12th August 2016 with the resource persons Dr. Nishanth Chandran, Microsoft Research, and Dr. Bhavana Kanukurthi, IISc, Alumni HITS.
- National Seminar IoT and Big Data Analytics by Dr. Anirben Basu, President Computer Society of India on 8th September 2016.
- IoT & Xcelerator by Mr. Anirudha Kannal, CEO, hed-X on 30th March 2017.

SYMPOSIUM

E-REVELATION 16 a National Symposium was organized by School of Computing Sciences, Hindustan Institute of Technology & Science on 17th September 2016. Chief Guest was Mrs. Shyamala Jayaraman, Senior Vice President-ERP, Ramco Systems, Chennai.

DEPARTMENT ACHIEVEMENTS

- Dr.K. Ramesh Kumar received Rs. 6 Lakhs for conducting 10-day Training Programme on Big Data Analytics from Big Data Initiative Division, Department of Science and Technology, Government of India. The event was conducted from 14th to 24th March 2016.

STUDENT ACHIEVEMENTS

- Rakshita and Raveendra Ishwarya, 2nd IT received 3rd Prize for presenting a paper titled “Extraction of Data from Images” at the National Technical Symposium organized by United Institute of Technology on 19th March 2016.
- M. Parudhiraj, 3rd IT, Unit 1(TN) Air SQN NCC won 1st place in the Line Area Team Event and participated in the Firing Competition held at the Kannammal National School, Palladam, Tirupur, Tamil Nadu.
- Vardhini.R, 3rd IT, presented a Web Application titled Public Distribution System, and also received the appreciation from the Computer Society of India, Taramani Chennai on 6th March 2016.

SEMINARS

- CyberWarfare by Dr. Haris Ramani Technical Advisor, Internet Hecchies Solution held on 25th September 2015.
- Ethical Hacking by Mr. K. Sridhar, Group Project Manager, Infosys and Mr. Srivathsa, Senior, Project Manager, Infosys on 25th September 2015.
- IoT for Connected Health in association with IET was delivered by Dr.K. Ganapathy, President, Apollo Telemedicine Networking Foundation (ATNF) & Senior Consultant Neurosurgeon, Apollo Hospitals, Chennai, Mr.Vinod Venkateswaran, Assistant Vice President-Engineering, Aricent, Dr.M.Saravanan, Solution Integrator, Ericsson on 25th January 2016.

INTERNATIONAL CONFERENCE

- Disaster Prediction Using Wireless Sensor Network –A Survey by N. Meenakshi at the International Conference on Science, Technology, Engineering and Management, Jeppiaar Engineering College, March 2016.
- Hybrid method for Cluster Head Selection in WSN by N. Anbazhagan at the International Conference on Science, Technology, Engineering and Management, Jeppiaar Engineering College, March 2016.
- Strategic Connected Dominating Sets for Mobile Ad Hoc Networks by V. Ceronmani Sharmilahas at the Inter-Research Institute Student Seminar in Computer Science, IITM and ACM, Kerala, January 2016.



The National Technical Symposium “E-REVELATION ‘16” was organized by School of Computing Sciences on 17th September 2016. Mrs. Shyamala Jayaraman, Senior Vice President–ERP, RamcoSystems, Chennai was the Chief Guest.



Release of Conference proceedings during the National Conference on Intelligent Information Systems hosted by School of Computing Sciences on 27th and 28th February 2017



Graduation Ceremony of Professional Diploma in Cyber Investigation and Laws in July 2016.



Cyber Security Conclave was held on 12th August 2016 and the resource persons were Dr. Nishanth Chandran, Microsoft Research, and Dr. Bhavana Kanukurthi, IISc, Alumni HITS



DST Sponsored Big Data Analytics, Training Program



Lecture on Re-Imagining Society Through the Internet of Everything, by Dr. Robert Pepper, Vice President, Global Technology Policy–CISCO



Lecture on IoT – Impact in India for Business Opportunities, Ms. Alefiya Bhagat, Academic Program Manager – South India, PTC, Bangalore.



ELECTRICAL & ELECTRONICS ENGINEERING

(Established 1992)

GRADUATING BATCH	
UG	51

Dr. A. K. PARVATHY
HEAD

STAFF ACHIEVEMENTS

Dr. A. K. Parvathy, Professor and HOD

- Received Outstanding Faculty Award in Electrical Engineering -2016 from Venus International Foundation during VICAM 2016 held at Chennai.
- Invited as a Speaker at 2nd UK- India Bilateral Workshop on Sustainable Energy and Smart Grid, from 14th to 15th July 2016, at Double Tree by Hilton, Leeds, UK.

STUDENT ACHIEVEMENTS

- Gaghavendra, Kumar, Tamanna, Kumar Sivam, Raj Mohan, 3rd year won the 3rd place in E-Bike Racing Challenge 2016, at Lovely Professional University, Jalandhar, Punjab.

INTERNATIONAL CONFERENCE

Sustainable Environment and Energy (ICSEE'17) was jointly organized by The Department of Civil Engineering and the Department of Electrical and Electronics Engineering, Hindustan Institute of Technology & Science from 6th and 7th April 2017. The Conference was conducted in Association with IEEE (PES), Indian Concrete Institute (ICI) and was sponsored by the Department of Science and Technology (SERB). The Inaugural Function was presided over by Dr. Mrs. Elizabeth Verghese, Chancellor, Hindustan Institute of Technology & Science on 6th April 2017. Dr. Jessy Rooby, Convener of the conference presented an Overview of the Conference. Dr. Valerie Keller, Senior Scientist, University of Strasbourg, France was the Chief Guest. Dr. Ajayan Vinu, Professor on Nanomaterials, University of South Australia, Adelaide was the Guest of Honour. The conference comprised four plenary talks by renowned experts in the area of Sustainable Environment, Nanoporous materials and Renewable Energy. 260 delegates registered for the conference. Dr. B. Vishwanathan, Professor Emeritus, IIT Madras was the Chief Guest for the Valedictory Function.

INTERNATIONAL SEMINAR

- International Seminar on Renewable Energy Systems (ISRES) 2016 was held from 26th -28th July 2016. Dr. S. Gomathinayagam, Director General, National Institute of Wind Energy was the Chief Guest and Dr. Sahataya Thongsan, Naresuan University, Thailand was the Guest of Honour for the Inaugural function.

NATIONAL WORKSHOPS

- Renewable Energy and Power Electronics using Matlab by Mr. Gokul Kumar, resource person from Pantech Pro Ed was held from 5th to 6th January 2017.
- Solar PV System Design by Mr. S. Selva Kumar from ABB Global Industries was held from 3rd to 4th March 2017.



Release of Seminar Proceedings by the Chief Guest Dr. S. Gomathinayagam, Director General, National Institute of Wind Energy, Dr. Sahataya Thongsan, Naresuan University, Thailand during the International Conference ISRES 2016 held from 26th-28th July 2016.

Dr. A. K. Parvathy, Professor and HOD, was the invited speaker at the 2nd UK India Bilateral Workshop on Sustainable Energy and Smart Grid held on 14th and 15th July 2016, Double Tree by Hilton, Leeds, UK conducted by Bradford University, UK



Dr. A. K. Parvathy, Professor and HOD received the Outstanding Faculty Award in Electrical Engineering -2016 from Venus International Foundation during VICAM 2016 held at Chennai.

ELECTRICAL & COMMUNICATION ENGINEERING

(Established 1985)



Dr. ABY K THOMAS
HEAD

GRADUATING BATCH	
UG	76
PG	6

STAFF ACHIEVEMENTS

- Dr. Aby K.Thomas, Professor and HOD received Encouragement Award for successful completion of Ph.D during the Annual Day celebrations.
- Dr. Vallikannu.A L, Associate Professor received Encouragement Award for successful completion of Ph.D during the Annual Day celebrations.

STUDENT ACHIEVEMENTS

- Charan Kumar, Payal Biswas & Induja of 4th ECE, participated in poster presentation titled, Hidden Active Cell Phone Detector in the National Conference on Intelligent Information Systems (NCIIS'17), conducted by School of Computing Sciences Hindustan Institute of Technology & Science, February 2017.
- Chaitanya, Lohith & Sheethal of 4th ECE, participated in poster presentation titled, IoT Based Wireless Display in the National Conference on Intelligent Information Systems (NCIIS'17), conducted by School of Computing Sciences, Hindustan Institute of Technology & Science, February 2017.
- Mithilesh of 4th ECE, won third prize for paper titled, Advancement in Bio-Metric, in the National Conference on Recent Advancement in Biomedical Engineering, Bharath University, Chennai, March 2017.
- Parameshwar, 2nd M.Tech (VLSI & ES) published a paper titled, An Efficient Design of Digital Down Converter for Software Defined Radio Application in the International Journal of Advanced Research, March 2017.

PAPER PRESENTATIONS

- Aby K. Thomas, HOD presented a paper at International Conference titled, Detection and Analysis of Biomedical Teeth Image Processing Using MATLAB, in the International Intellectual Convergence on Advances in Science and Technology (IIASE-2017) Aalim Muhammed Salegh College of Engineering, Avadi, Chennai, March 2017.
- Dr. Rubesh Anand, Professor presented a A Secure and Reputation Based Recommendation Framework for Cloud Services in IEEE International Conference on Computational Intelligence and Computing Research, Agni College of Technology, Chennai, December 2016. Presented a paper titled DRS Tunable Monopole Antenna for Dual Band Wireless LAN Applications in IEEE International Conference on Computational Intelligence and Computing Research, Agni College of Technology, Chennai, December 2016. Presented a paper titled An Empirical Analysis and Classification of Crisis Related Tweets in IEEE International Conference on Computational Intelligence and Computing Research, Agni College of Technology, Chennai, December 2016.
- Dr. MJS. Rangachar, Senior Professor & M. Saravanan, Research Scholar presented a paper titled Design of Wide Beam Hexagonal Shape CP Patch Antenna at 8th International conference on soft computing and pattern recognition, VIT, Vellore, December 2016.
- M.E. Sundaravel, Assistant Professor presented a paper titled Circularly Polarized CADM Slot Loaded Koch fractal square patch antenna at the International Symposium on Antennas Propagation, CUSAT, Cochin, December 2016.

ELECTRONICS AND INSTRUMENTATION ENGINEERING

(Established 1995)



DR. UPPU RAMACHANDRAIAH
HEAD

GRADUATING BATCH	
UG	12
PG	5

DEPARTMENT ACHIEVEMENT

- Established Centre for Sensors and Process Control (CENSE) on 8th October 2016. The Centre was inaugurated by Dr. Sekhar Basu, Chairman, Department of Atomic Energy Commission, Government of India, Mumbai.

STAFF ACHIEVEMENTS

- Mr. K. Nageswara Rao, Assistant Professor, is pursuing Ph.D. in Naresuan University, Thailand under the Faculty Exchange Programme.
- Dr. Uppu Ramachandraiah, Prof & HOD was selected as the Committee member for the International Conference on Energy Engineering and Environmental Protection (EEEEP) 2017 organized by EEEP from 20th to 22nd November 2017, Sanya, China. He was appointed as the Executive Committee member by The Institution of Engineers (India), Chennai in November 2016 from 2016-2018. He won Award for Research Excellence from Indus Foundation during the Indo-American Education Summit 2016 organised by Indo-American Education Summit, USA on 21st September, 2016. He was also honoured with Professional Achievement Award by IEEE, Madras Section on 15th October, 2016. He was elected as Senior Member of the IEEE Advancing Technology for Humanity in May 2016 from IEEE, USA(International).
- Mr. G. Muthukumar, Professor, was awarded cash prize for filing 3 patents during the Independence Day celebration at Hindustan Institute of Technology & Science on 14th August, 2016

STUDENTS ACHIEVEMENTS

- Lykha, 2nd EIE was selected for the Study Abroad Programme at Western Sydney University, Australia for a period of five months (Feb-June 2017).
- Arun and Akhilesh, 3rd EIE and Mr. Jayavishnu Vardhan, 2nd ECE, participated in PALS Innovation Stage 2 Competition organised by IIT, Madras, February, 2017.
- Kevin, Abinaya, Lykha, Prasath and Vijayan, 2nd year, attended a Seminar on Material Properties without Material Testing held at IIT, Madras on 7th September, 2016. Resource persons were Dr. Ailloor Subramani (Deputy General Manager), Renault- Nissan R&D and Dr. Prabhu Rajagopal, Associate Professor, IIT Madras.
- Lykha, 2nd year, won the award Honourable Mention as the Representative of Algeria in KCG Model United Nations 2016 organised by KCG College of Technology held from 26th to 27th August 2016.
- Abinaya B and Kevin, 2nd year, participated as the representative of Czechoslovakia & Burma in KCG Model United Nations 2016 organised by KCG College of Technology held from 26th to 27th August 2016.
- Abinaya B from 2nd year won the 3rd prize in Hindustan Battle of Bands for the team 'Hindustanic Frequency' organised by Hindustan Institute of Technology & Science, Padur in August, 2016.
- Lykha, 2nd EIE participated in the Regional Pre-finals of ICTACT Youth talk organized by ICTACT on 18th August, 2016.
- Lydia and Theresa, 2nd M.Tech, won the first prize in All India Level Basket Ball Tournament organised by Nagercoil Basketball Club, Nagercoil from 28th July to 3rd August 2016.
- Shashikant Singh and Santhosh Kr. Mehta from 4th year attended a Course on 'Bio-Medical Engineering System' organized by IIT Madras from 25th July 2016 to 5th August 2016.
- Lydia and Theresa 2nd M. Tech won the first prize in Raghavendra Trophy, a Basketball competition organised by Rising Star Club, Chennai from 9th - 14th July 2016.

- Abinaya B, 2nd year participated and won Certificate in Intra Collegiate Quiz Competition for Hindustan Group of Institutions held on 27th July 2016 at Hindustan Institute of Technology & Science, Padur.
- Lydia and Theresa, 2nd M. Tech won the 1st prize in All India Inter College Basketball Tournament organised by Tuticorin Basketball Club held at Tuticorin from 26th September to 2nd October, 2016.
- Lydia and Theresa 2nd M.Tech, won the second prize in the State Level Inter College Tournament organised by Basket Ball club, Madurai from 21st to 25th September, 2016.

INTERNATIONAL CONFERENCES

6th International Conference on Computing, Engineering and Information Technology (ICCEIT) 2017 held at The Vijay Park, Chennai on 4th March 2017. Staff members attended and presented the following papers:

- Design and Development of Sliding Suction Cup Based Wall Climbing Robotics by Mr. G. Muthukumar, Associate Professor and Dr. Uppu Ramachandraiah.
- Implementation of Embedded Wireless Security system for Process Industry Application by Mr. J.S. Prasath, Assistant Professor and Dr. Uppu Ramachandraiah.
- Recent Trends in the Field of Brain Computer Interface Systems in Enhancing their Benefits”, a paper presented jointly by Mr. S. Sridhar, Research scholar and Dr. Uppu Ramachandraiah, Professor and Head.
- Energy Conservation with Fuzzy Logic Controller Towards Green Telecommunication by Mr. K. Venkatesan, Research scholar and Dr. Uppu Ramachandraiah.
- Assessment of the Real Time Scheduling Algorithms, a joint paper presentation by Mr. P. Ramesh, Assistant Professor, ECE and Dr. Uppu Ramachandraiah.
- Dr. Uppu Ramachandraiah, Prof & HOD, participated in the 7th International Conference on “Transforming Healthcare with Information Technology” 2016 organized by Apollo Hospitals at ITC Grand Chola, Chennai from 21st to 22nd October, 2016. He also received the Certificate of participation in the Master Class on EHR/EMR Standards Session.

NATIONAL CONFERENCES

- Dr. Uppu Ramachandraiah, Prof & Head, participated in India`s First Mts Tech Surge Conference on Search & Rescue at Sea Organized by Marine Technology Society - India Section on 30th June, 2016 at Hotel Westin, Chennai.
- Mr. G. Muthukumar, Associate Professor participated in Embedded Safety & Security Summit (ESSS) 2016 held at NIMHANS Convention Centre, Bengaluru on 8th & 9th June 2016.

NATIONAL SEMINARS

- Technical Seminar on Safety Instrumentation by Dr. Kallol Roy, Chairman & Managing Director, Bharatiya Nabhikiya Vidyut Nigam (BHAVINI), Kalpakkam and Mr. V. Balasubramanian, Director, NSARG & SRI, Atomic Energy Regulatory Board (AERB), Kalpakkam on 13th March 2017.



Dr. Uppu Ramachandriah, Professor & Head received the Award for Research Excellence from Indus Foundation during the Indo-American Education Summit 2016



Dr. Kallol Roy, Chairman and Managing Director, BHAVINI, Kalpakkam, Mr. V. Balasubramanian, Director, NSARG & SRI, AERB, Kalpakkam were the Guests during the Technical Seminar on Safety Instrumentation.



EIE Students and Faculty members visited the 6th International Engineering Sourcing Show (IESS VI), the largest Engineering Sourcing Show in India held at Chennai Trade Centre on 18th March 2017.



Mr. K.Nageswara Rao, Assistant Professor at Naresuan University, Thailand for his Ph.D. Programme under Faculty Exchange Programme.



Dr. G. RAVIKUMAR SOLOMON
HEAD

MECHANICAL ENGINEERING

(Established 1985)

GRADUATING BATCH	
UG	135
PG	19

STAFF ACHIEVEMENTS

- Dr. Vasudev, Assistant Professor, Mechanical Engineering received the Young Faculty Award from Hon'ble Justice of Tamil Nadu Mr. T. N.Vallinayagam on 9th July 2016 for his contributions in the field of Marine Robotics.
- Dr. M. Vinoth Kumar, Associate Professor of Mechanical Engineering received his Doctorate Degree (Ph.D) on 14th Nov 2016 from Annamalai University.

STUDENT ACHIEVEMENTS

- Syed Rizvi, Pritam Saha, Abhik Roy and Sourav Poudyal , 3rd Mech received Project Grant of Rs. 50,000 from ISHRAE, India on 21st September 2016.
- B. Kanani, 3rd Mech, secured 2nd Position in the event 'My Idea' Social Convivial 16, organized by CSRD & RS, VIT University, Chennai on 3rd Sep 2016.
- Yeswath, 3rd Mech, secured 1st Position for Poster presentation on 'Scram Jet, A Step to Revolutionize Space Travel' in National level Techno-Cultural Fest "Mohana Mantra" Organized by Sree Vidyanikethan Educational Institutions on 8th Oct 2016.
- A. Vikranth, 1st M. Tech participated in National level Hi-Tech workshop on 'IC Engines Assembling and Dismantling' held during 5th National level technical symposium MEQNZO at Vallaiammai Engineering College, Chennai, on 3rd Sep 2016.

NATIONAL SEMINARS

- Manufacturing Technology seminar was organized on 26th October 2016. Over 300 Students of Mechanical Engineering participated in the seminar. Dr. Darius Gnanaraj, Professor, was the coordinator for the seminar. Dr. Darius Gnanaraj, Mr. Satish Babu, Mr. Vivekanandan, Mr. Sethuraman, of Mechanical Engineering of HITS, were the Resource Persons.



Dr. Kondeti Lakshmi Vasudev, Assistant Professor Mech received the Young Faculty Award on 9th July 2016 from Venus International Faculty Awards 2016 for his contribution in the field of Marine Robotics from Hon'ble Mr Justice T.N. Vallinayagam of Tamilnadu, at the Vijaya Hall, Hotel Green Park, Chennai.



Dr. U. Kamachi Mudali, Group Head, IGCAR, Kalpakkam, delivered a Guest Lecture on Advanced Materials & Coatings for AERO Engine Applications on 21st October 2016.



Mr. Fermo Susai, Executive, Air Design Engineered Solution, delivered a Guest Lecture on Indoor Air Quality and Job opportunities for Mechanical Engineers in R & AC Industry on 4th August 2016.



Dr. P. V. Manivannan, Assistant Professor, Indian Institute of Technology, Madras, delivered a lecture on Design Inspiration from Nature-Bio inspired Robotics on 27th October 2016.



Dr. K. KAMALAKANNAN
HEAD

AUTOMOBILE ENGINEERING

(Established 1997)

GRADUATING BATCH	
UG	58
PG	26

DEPARTMENT ACHIEVEMENTS

- Pre Event Promotion for Volkswagen Vento Cup 2016 at HITS on 13th July 2016.
- Volkswagen Ameo (Diesel) launching ceremony was held on 21st October 2016.
- First Batch of Advanced Diploma in Autotronics, graduated on 21st October 2016., and they also achieved 100% placement in reputed Automotive industries.
- Automobile Dept. secured Runner up position at Inter-department Foot Ball Tournament 2016 organized HITS on 19th April 2016

STAFF ACHIEVEMENTS

- Mr. K. Kamalakkannan, Associate Professor received cash award for filing Patent in August 2016.
- Mr. B. Prabakaran & Mr. E. Sangeethkumar, Assistant Professors received cash awards for Best Attendance for the year 2016

STUDENT ACHIEVEMENTS

- Two Teams from STALWARTZ Racing participated in BAJA & eBAJA competitions conducted by SAE INDIA at Pithampur, Madhya Pradesh from 14th to 19th February 2017.
- Lokesh, Ajeesh Varghese, Arijeet Kumar and Ashok Kumar, students of Final Year Automobile Engineering got educational excellence award at Indo-American Education Summit 2016.
- 10 students along with Mr. K. Kamalakkannan, participated in conference on Selected Topics in Automotive Engineering (STiAE) Esslingen University, Germany from 26th June to 13th July 2016.
- Team Yodha Racing participated SUPRA SAE INDIA 2016 at BIC, Greater Noida, U.P. from 4th to 9th July 2016.
- Team Taiyozen Racing represented Hindustan Institute of Technology & Science at Global Exhibition on Service 2016 from 20th to 23rd April 2016 organized by CII and Ministry of Commerce and Industry Development at Gr. Noida
- Adjudged National Champions consecutively from 2014 to 2016 in Indo-Asian Solar Challenge and Electric Solar Vehicle Championships.
- Students participated in National Go Kart Championship 2017, conducted by Indian Society of New Era Engineers, at Kari Motor Speedway, Coimbatore from 14th to 16th January 2017.
- Manavalan C., Buvan Kumar, Selva Pandi, Dinesh Kumar, Gowtham, final year students Muthukumar, Chandran, Aravind Kumar, Michael, Karthik, 2nd Auto secured 3rd place in Chancellor's Trophy 2016, Inter Department Sports Fest Volley Ball in September 2016.
- Manikandan, Vigneshwar, Ijaz Ahamed from 3rd Auto, Mr. Muthukumar from 2nd Auto, Rakesh Kumar, 2nd M.Tech secured 3rd place in Chancellor's Trophy 2016, Inter Department Sports Fest(Badminton) in September 2016.
- Dinesh Kumar, Rajaganapathy, Selvapandi, Manavalan, Anandraja, Buvankumar, Ardawan, Ashif, .Gowtham, 4th Auto, Aliosgar, Ajay kumar, Roshan, Suraj, Raikan and Yakob, 2nd Auto secured the 3rd Place in Chancellor's Trophy 2016 – Inter Department Sports Fest Football in September 2016.

INTERNATIONAL CONFERENCES

- Mr. V. R. Prakash, Mr. S.Nagarajan presented a paper on Proficiency in Video Compression and its Statistical Analysis using Wilcoxon Signed Rank Test' at International Conference on Innovative systems (ICIS 2016) 16-17, Dec, 2016, Bangalore, India.
- Survey on Optimization of Vehicle Electronic Networks Using Network on Chip Architecture by Mr.T. Shanmuganathan and Dr. U. Ramachandraiah presented at International Conference at KCG College of Technology, Karapakkam, Chennai.



The Centre for Automotive Electronics organized its First Graduation Day ceremony at HITS. 14 students completed Advanced Diploma in Autotronics Program. Mr. Mahesh Rane, Head of Group Training, Volkswagen Group Academy, Pune was the Chief Guest.

Mr. Ashok Verghese, Director, HITS launched the Volkswagen's first diesel Ameo Sub-compact sedan version in Southern India on 21st October 2016 at HITS. It is the first car to be launched in a University in India.



The Centre for Automotive Electronics organized Volkswagen Expo'16. Volkswagen cars, Beetle, Ameo, Vento, Passat and Polo cars were displayed on 21st October 2016. Mr. Palani Vice President Kun Motors Pvt. Ltd and Mr. Abdul, Director Abra Motors were present.

Mr. Kamalakannan, HOD along with students during the Workshop on Selected Topics in Automotive Engineering (STiAE) held from 26th June to 13th July 2016, Esslingen University, Germany.





Dr. A. ANITHA
HEAD

GRADUATING BATCH	
UG	12

STAFF ACHIEVEMENTS

- Dr. A. Anitha, Professor & Head, was the Guest Speaker for the Workshop on Biofuels and Combustion Research at NIT, Trichy on 29th September 2016. She delivered a talk on HeteropolyAcids - An alternative route to produce eco friendly biodiesel.
- Dr. V. Ravikumar, Professor qualified for the National finals after winning the Southern Regional Round of the National Human Resources Department (NHRD) Quiz in December 2016.

STUDENT ACHIEVEMENTS

- Aby Sebastian, 1st Chem. underwent the prestigious summer Fellowship Programme at IIT Madras in June 2016.
- Mohammed Fazil Razak, 3rd Chem. was selected for the Summer Fellowship programme offered by the Indian Academy of Sciences.
- Prathiksha, 3rd Chem. underwent implant training on Quality Control by X-Ray and Computer Systems in Flsmidth India, Chennai for 2 weeks in January 2017.
- Karan Jayaraj, 3rd Chem. participated in industrial training program at AES Arabia, Saudi Arabia during Dec'16.
- Aby, Gokul, Vaisakh, Mahalakshmi, 4th Chem. presented a paper on Enhancement of plant growth using nano particles at the National Conference on Chemical Engineering for Sustainable Development at Sathyabama University, Chennai from 22nd and 23rd September 2016 and won Best Paper Award.
- Fakhruddin, 3rd Biotech. visited Romania under the GROW project for an Internship offered by AISEC, Chennai in January 2017.
- Parakh S Jain, 2nd Chem. visited Egypt for a Travel internship program during December '16 offered by AISEC, Chennai.
- Mohammed Fazil Razak, 3rd Chem. bagged various recognitions like Special Mentions and High Commendations by participating in the MUNs like KCGMUN, SSNMUN, SRMMUN, IITMUN, HYLIC and Worldview MUN.
- Akshay Jyoti 2nd Chem. is the Flag bearer for AISEC, Chennai at Hindustan Institute of Technology & Science.

INTERNATIONAL CONFERENCE

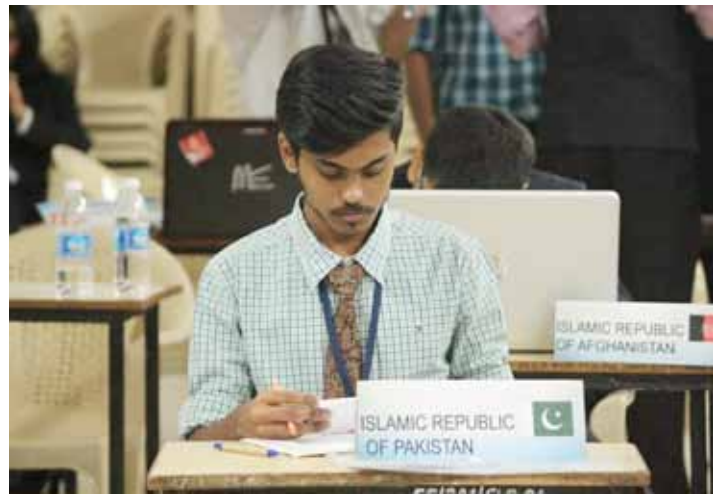
- Dr. V. Ravikumar, Professor participated in the NAFSA, Conference held at DENVER, USA in June 2016.

NATIONAL CONFERENCE

- Dr. V. Ravikumar attended World Summit on Accreditation (WOSA) – 2016, a conference conducted by NBA on analyzing Best Practices followed across the globe in Technical Education at New Delhi.



Dr. V. Ravi Kumar, Professor, Mr. Akshay Jyoti and Mr. Parakh S Jain 2nd Year, Chemical Engg. at the Signing of MoU with AISEC Chennai.



Mr. Mohammed Fazil Razak, 3rd Year Chemical Engg. participated in the Worldview MUN and received a Special Mention Award



Industrial Visit To CIBA, Chennai



Technical Seminar on Safety Instrumentation by Dr. V. Ravikumar along with Director, Hindustan Institute of Technology & Science at the International Conference NAFSA at Denver, USA.



Dr. AFROSE FATHIMA
HEAD

FASHION, DESIGN AND ARTS

(Established 2011)

GRADUATING BATCH	
UG	18

DEPARTMENT ACHIEVEMENT

- The second Batch of students graduated in August 2016 with 100% pass percentage and placement.

STAFF ACHIEVEMENT

- Dr. Afrose Fathima F., Professor & Head of Department, published a paper titled Awareness and Popularity of Handloom Sarees Amongst Saree Shoppers in Chennai City in International Conference on Textile and Clothing Present and Future Trends organised by Department of Jute and Fiber Technology, University of Calcutta.
- Mr. BalaKumar, Associate Professor published a book on Children's Garments Patternmaking in Tamil under Manimeghalai Press and 3 articles on pattern making and fashion designing in Thanga Mangai Tamil monthly magazine.
- Ms. A. Yaamini, Assistant Professor published an article in Fiber2Fashion on History of Women's apparel in the sports of tennis in October 2016.
- Rasheed Hussain, Lab Assistant helped Prof. Ravindran, Mechanical Department, in constructing a safety garment for people who inspect underground sewage and septic tank. The article about the same was published in Times of India, Chennai edition on August 6th 2016.

STUDENT ACHIEVEMENT

- Mahalakshmi 1st B.Sc. Fashion Design won Chennai Times Fresh Face 2016 for dance in the College category. She was shortlisted for the final round in Chennai.

NATIONAL SEMINAR

- Jesica Roshima, Assistant Professor attended one day National Seminar on Research Publication on Evaluation, organised by Chikkanna Govt. Arts College, Tirupur on 7th October 2016.

NATIONAL WORKSHOPS

- An interactive session on Fabric Dyeing and Printing was organised for the 3rd Semester students of Fashion Design on 26th October 2016. Techniques such as Block printing, Batik printing and Tie and Dye patterns were demonstrated. Mr. Krishna Murthi retired Processing Assistant from Weavers Service Center was the Resource Person.
- Two-days workshop on Fashion Sketching and Illustration was organised for external participants from 6th to 7th January 2017. 16 participants from Fashion Designing Colleges and Institutes in and around Chennai participated in the workshop. Mr. Ben Philip, Visiting Faculty from the Department of Fashion, Design and Arts, Hindustan Institute of Technology & Science was the trainer.



Fashion Illustration Workshop attended by participants from Fashion Design Colleges and Institutes in and around Chennai.



Fashion Illustration Workshop participants with Dean Academics Dr. N. Vasudevan, Programme Facilitator Mr. Ben Philip and Dr. Afrose Fathima, HOD, Fashion Design



Faculty Development Programme on Grooming and Image Building organized for the faculty members of Hindustan Institute of Technology & Science facilitated by Ms. Swapna Jose.



Students Industrial Visit to Anna Co-Op Society, Kancheepuram.



Faculty Industrial Visit to Central Cottage Industries Emporium and Boutiques in Chennai



Dr. R.SRIKANTH
HEAD

GRADUATING BATCH	
UG	77
PG	74

STAFF ACHIEVEMENTS

Dr. J. Ashok Babu, Prof. School of Management won the Runner up prize and Dr. M.K. Badrinarayanan won the Second Runner up Prize in the Business Leadership Quiz 2016 organised by MHRD on 17th December 2016.

STUDENTS ACHIEVEMENTS

- Pradeep, Praveen, Simhan A and Rincy Samuvel, final year, MBA, won 3rd prize for National Level Business Plan Competition – Nueva Empressa 2016 conducted at Berchmans Institute of Management Studies, Chengannasserry, Kerala on 27th September 2016.
- Pradeep, Praveen, Simhan A and Rincy Samuvel, final year MBA, won 2nd prize for Business Plan Competition Synergy'16 conducted at University of Madras on 3rd November 2016.
- Pradeep, Praveen, Simhan A and Rincy Samuvel, final year MBA, won 2nd prize for Business Plan Competition conducted at Vivekananda Institute of Management studies, Coimbatore on 7th February 2017.
- Arul Naveen, 2nd MBA Media, won 2nd Prize in IPL Biting and Connection – Synergy'16 conducted at University of Madras on 1st October 2016.
- Arul Naveen, 2nd MBA Media, won 2nd Prize in IPL Biting conducted at AMET University from 2nd- 3rd Mrch, 2017.
- Subash, 2nd B. Com, had won 1st Place in State Level Karate Championship conducted by All India Kenwa Shito – Ryu – Karate Association held on 2nd August, 2017 at Chennai, he won 1st place in YMCA Madras State Level Open Karate Championship held on 20th August, 2017 at Chennai. He won 3rd Place in Wisdom Karate 1st State Level Championship organized by Wisdom Karate 1st state level championship & Yoga for Life held on 16th October, 2017 at Chennai.
- D. Dass, U. Ushanthan and R. Raghunath, won 3rd Place in Clinch the Deal in Meetrons – 2017 conducted by School of Management, held on 23rd March, 2017 at Vels University, Chennai.
- D. Kumar, D. Aruvin, Tharkees, Vijaya, Vignesh and Bharat, won the 1st prize in code cracking in CONZCAP 2017 conducted by Department of Civil Engineering, held on 27th March, 2017 at Dhanalakshmi Srinivasan College of Engineering & Technology, Chennai.
- Prashanth, won 3rd Place in Clinch the deal in Meetrons – 2017 conducted by School of Management, held on 23rd March, 2017 at Vels University, Chennai.
- Prashanth & Kanniyappan of School of Management won the 1st prize in code cracking in CONZCAP 2017 conducted by Department of Civil Engineering, held on 27th March, 2017 at Dhanalakshmi Srinivasan College of Engineering & Technology, Chennai.
- Mitashree Chauhan, won 1st Place in Horse Riding Competition held in March 2017 organized by Hindustan Institute of Technology & Science, Chennai.
- Treesa Sebastian, Anu Menon, Hemanth, Praveen Gunasekar and Thilagavathi, participated in Entrepreneurship Week held in February 2016 Organized by HTBI, Hindustan Institute of Technology & Science, Chennai.
- Suraj Menon of School of Management won 2nd Place in fresh face held in April, 2016 organized by Hindustan Institute of Technology & Science, Chennai.

EVENTS ORGANIZED

- Mock Interview Session held at Taj Gateway Hotel for MBA – AM students on 29th February 2017.
- MBA (GM) students Visited to Toyota Kirloskar Motors, Bangalore, on 24th March 2017.
- 'Lake Safari'- Ecological Awareness Trip for BBA & B.Com students in subject activity of Environmental Studies on 17th March 2017.



Mr. Shekar Viswanathan, Vice-Chairman and Whole-time Director, Toyota-Kirloskar Motors Pvt. Ltd., Bengaluru on Global Impact on Indian Automobile Industry organized by SOM at Hindustan Institute of Technology & Science on 1st March 2017



13th AIMA-NCYI hosted by SOM at Hindustan Institute of Technology & Science on 3rd Dec 2016



Mr. Balasubramanian Pradeep, Mr. Praveen Kumar K, Mr. Abi Simhan A and Ms. Rincy Samuel of School of Management won several prizes in National Level Business Plan Competitions conducted by Madras Management Association (MMA)



Dr. J. Ashok Babu won the Runner up prize and Dr. M.K. Badrinarayanan won the Second Runner up Prize in the Business Leadership Quiz 2016



MBA MEDIA AND ENTERTAINMENT STUDENTS With Mr_Christian Richter_Director Sales & Marketing EMEA Asia Pacific Region Motion Picture and Entertainment Eastman Kodak Company on 24th - 27th September 2016.



Dr. A. RAMESH BABU
HEAD

SCIENCE AND HUMANITIES

School of Science and Humanities comprises Mathematics, Physics, Chemistry and English Departments.

ACHIEVEMENT OF THE DEPARTMENT

1230 students were inducted in the first year programme.

Science and Humanities Department received the Best Department Award for the Year 2016-17 during the University Day Celebrations.

DEPARTMENT ACTIVITIES

4 Workshops were conducted, 5 Seminars, 5 Guest Lectures, 2 National Conferences, 1 National Seminar, 9 competitions were conducted for the students on various occasions this academic year. Staff members of all departments have published in 21 Scopus Indexed journals. Staff have presented papers in more than 30 institutions this academic year. 6 Industrial visits were arranged for students. There are 22 Internal Research Supervisors, 6 Full Time Scholars, 25 Part Time Scholars in the SH Dept.

Dr. P.S. Raghavan, Prof. Chemistry Dept. has obtained Rs.18.84 lakhs (Naval Research Board), Project.

OTHER PROJECTS ARE AS FOLLOWS:

1. Dr. M.Prabaharan - 48.67 lakhs
2. Dr. S. Sundar Rajan - 15 lakhs
3. Dr. S. Sundar Rajan - 15 lakhs (NBHM)
4. Dr. Rajim Ali Mondel - 35 lakhs (SERB)



Dr. VELMURUGAN
HEAD

DEPARTMENT ACHIEVEMENTS

- DST - NBHM sponsored funds for the Mathematics Department. Rs. 30 Lakhs for three years by the Department of Science and Technology and the Department of Atomic Energy.
- Advanced Mathematics & Analytics Centre (AMAC) was established in June 2016.
- Hindustan Mathematics Club (HMC) was inaugurated on 4th November 2016 for the academic year 2016-2017 with an enrollment of 56 students from B. Tech 1st Year.
- 2 ongoing funded research projects, 8 papers published in International journals, 7 Papers presented in International and National conferences, 1 seminar, 2 workshops, 1 guest lecture was organized in Department of Mathematics.
- The Association of Mathematics Teachers of India (AMTI) conducts National Mathematics Talent Contest (NMTC) every year. For the academic year 2015-2016, the NMTC was conducted on 22nd October 2016. 1st Aerospace students, Shivakumar and Gayathri won the seventh and eighth rank respectively in NMTC for the year 2016.

STAFF ACHIEVEMENTS

- Dr. D. Piriadarshani, Associate Professor, received the Appreciation Award from Management for coordination and compiling National Institutional Ranking Framework(NIRF) for Hindustan Institute of Technology & Science along with team members on Teachers Day , 5th September 2016.
- Dr. D. Piriadarshani and Ms. G. Kavitha organized a Seminar on Applications of Differential Equations in Association with the professional body, Association of Mathematics Teachers of India on 23rd September 2016.
- Dr. R. Sundara Rajan, Associate Professor, obtained a sanctioned Project worth Rs. 14,95,200/- from SERB, DST, Government of India, for a period of 3 years .
- Ms. G. Kavitha , Dr. R. Sundara Rajan, Mr. K. Jagadeesh Kumar, Mr. R. D. Solomon Raju were the resource persons for the MATLAB Winter Course Workshop on Basic and Advanced Level in Applied Mathematics, held on 4th and 5th January 2017 in Hindustan Institute of Technology & Science.
- Dr. F. Simon Raj was awarded Doctoral Degree from Hindustan Institute of Technology & Science in October 2016.

NATIONAL SEMINAR

- Applications of Differential Equations was organized on 23rd September 2016 in Association with The Association of Mathematics Teachers of India (AMTI).
- NATIONAL WORKSHOPS
- Numerical Computations, Optimization of functions and Differential Equations were organized on 29th and 30th July, 2016. The workshop began by inaugurating the MATHLAB, Advanced Mathematics and Analytics Centre (AMAC).
- MATLAB winter course workshop on Basic and Advanced Level in Applied Mathematics was organized from 4th to 5th January 2017 in MATHLAB – AMAC.

**Dr. AKKARA SHERINE**

HEAD

DEPARTMENT ACHIEVEMENTS

- Ms. Gowsalya Chandrasekharan, an external M.Phil Scholar, received her Degree on 8th October 2016. Dr. Akkara Sherine, HOD was her supervisor.
- Literary Club, Dramatics Club and Masquerade Theatre staged a spoof on Shakespeare's play on 9th November 2016. The Literary club also conducted a debate on Demonetisation Drive by India on 11th November 2016 at Freedom i zone.
- English Language Teachers Association of India (ELTAI) Hindustan Institute of Technology & Science-Kancheepuram Chapter was reconstituted with 26 staff members in the Chapter. Chapter Recognition Certificate was awarded by ELTAI.
- More than 400 students of higher semester of all Engineering departments opted for Open Electives offered by the Department of Languages in five courses namely Introduction to Media Studies, Communicative Writing, French, German and Japanese languages.
- In-house Communication Skills workshop for teaching and non teaching staff was conducted from 9th – 11th January 2017 for staff members from various departments, by the staff members of Dept. of Languages.

The following Short-term courses were conducted:

- SECIS (Special English Course for International Students) : A 4-months course for students from Iran and South Korea was conducted from May to August 2016.
- From February to June 2017, students from Oman and South Korea joined the course.
- EIBIS (English Language, Indian Culture & Business Studies for International Students): A 4 months course for students from Dongguk University, South Korea, from February to May 2016 and four students of Dongguk University, South Korea from January to May 2017.

STAFF ACHIEVEMENTS

Dr. Akkara Sherine, HOD

- Encouragement Award by the Management during the Teachers Day celebration held on 2nd September 2016 for her contribution towards NIRF compilation.
- Coordinated QS Star Ratings and contributed for the institution achieving QS 3 Stars Ratings. She also attended QS stars certification ceremony at the 12th QS MAPLE International conference at Dubai from 1st to 2nd May 2017.
- Best Teacher Award in an event conducted by Indian Express Edex sponsored by Hindustan Institute of Technology & Science.
- Best Paper Award for the co-authored paper during the International Conference at Anna University in March 2017.
- Published three papers in scopus indexed journals. A co authored paper was published in web of science and scopus indexed Indian Journal of Science and Technology, Vol 10(11), DOI: 10.17485/ijst/2017/v10i11/109092, March 2017.

Mr. Robert Divine

- Encouragement Award during the Toastmasters introductory session held at University for his table topic presentation on 26th November, 2016.
- He received the Best Paper award for the paper presented at the NPELT '17 Conference held at Hindustan Institute of Technology & Science on 30th and 31st March, 2017 in the staff category.

INTERNATIONAL CONFERENCES

Dr. Akkara Sherine

- Presented a paper Partnership Strategies-A Case Study at Hindustan Institute of Technology & Science, Chennai, India coauthored by Dr. Aby Sam, Director at the 12th QSAPPLE conference held at Malaysia between 22nd and 24th November 2016.
- Presented a paper at the Pitch Event during the QS Summer School Summit/ Presented on 5th December 2016, at ITC Grand Chola Hotel, Chennai, the presentation was about Hindustan Institute of Technology & Science Summer School and Short Term Programme.
- Invited to Chair the session at the International Conference, Empowering Language Learners, conducted by Department of English at Anna University on 23rd March 2017.

NATIONAL CONFERENCE

- The Department of Languages in collaboration with ELTAI, Kancheepuram (Hindustan Institute of Technology & Science) Chapter hosted Two days National Conference on 30th and 31st March 2017, on the theme New Perspectives in English Language Teaching (NPELT'17). Mr. Eric Lund, Cultural Affairs Officer, US Consulate was the Chief Guest, he delivered the Keynote Address. Prof. Paul Gunashekar, former Dean ELT, Dean Publications, Dept. of Materials Development, Testing and Evaluation, English Foreign Languages University, Hyderabad was the Guest of Honour. 120 participants presented papers.



Release of Proceedings during the NPELT'17 conference held in March 2017 by Chief Guest, Mr Eric Lund, Cultural Affairs Officer, US Consulate.



Staff members of Dept. of Languages with Mr. Vannadasan, Sahitya Academy Winner 2016, who was the Chief Guest during the NPELT'17 Conference, Valedictory Function.



Staging of a spoof on Shakespeare Romeo & Juliet by students organised by the Masquerade Theatre and Literary Club. Dept. of Languages on 22nd November 2016



Dr. Akkara Sherine, presented a coauthored paper, Partnership Strategies – A Case Study at Hindustan Institute of Technology & Science, India” at the 12th QS APPLE conference on 24th November 2016, at Malaysia.



One Day Workshop on Communication Skills was conducted on 9th January 2017 by Dr. Samuel Rufus, Professor, Dept of English, Madras Christian College, Chennai.



Dr. S. INDUJA
HEAD

STAFF ACHIEVEMENTS

- Dr. S. Sumathi and Dr. P. S. Raghavan received Appreciation Award for Best Attendance -2016 during the Republic Day celebrations at HITS.
- Best Teacher Award Ms. M. Chandrakala on 26th April 2017 during Teacher's Day Celebration.

NATIONAL SEMINAR

Advanced Biomaterials and Applications, a National Seminar was organized by the Department on 15th February 2017. Dr. T. S. Sampath Kumar, Professor, Department of Metallurgical and Materials Engineering, IITM, Chennai delivered the Inaugural Address on the recent developments of naturally derived bio-ceramics as biomaterials for tissue engineering and regenerative medicine. Following the session, lectures were delivered by Dr.T.M.Sridhar (Department of Analytical Chemistry, University of Madras, Chennai) and Prof. Dr. E. Murugan (Department of Physical Chemistry, University of Madras, Chennai).

INTERNATIONAL CONFERENCES

- Multi-Functional Iron Oxide-Based Nanocarriers as Theranostics for Cancer Therapy by Ms. Sivasankari (Research Scholar), Dr. M. Prabaharan and S. Rajkumar (Research Scholar), International conference on Advances in Functional Materials (ICAFM2017) from 6th to 8th January 2017.
- β -Cyclodextrin conjugated guar gum-graft-poly(methacrylic acid) hydrogel as a pH sensitive carrier for colon targeted drug delivery by D. Sathya Seeli, M. Prabaharan, International conference on Advances in Functional Materials (ICAFM2017) from 6th-8th January 2017.
- Nickel oxide as an efficient catalytic system for the reduction of NO_x by B. Gajalakshmi, S. Induja and P.S. Raghavan, International conference on Advances in Functional Materials (ICAFM2017) from 6th to 8th January 2017.



Department of Chemistry, HITS organized a National Seminar on "Advanced Biomaterials and Applications" on 15th February 2017 at HITS. The National Seminar was chaired by Chief Guest Dr. T. S. Sampath Kumar, Professor, Department of Metallurgical and Materials Engineering, IITM, Chennai.



Dr. V. PARTHASARATHY
HEAD

NATIONAL LEVEL CONFERENCE

- Current Trends in Advanced Materials (NCCTAM -17) which was partially funded by Council of Scientific and Industrial Research (CSIR), organized by the Department of Physics, Hindustan Institute of Technology and Science from 23rd to 24th February 2017. Dr. S. Moorthy Babu, Professor & Director, Centre for Nanoscience and Technology, Anna University, Chennai gave the inaugural address. Dr. V. Subramanian, Senior Principal Scientist, Central Leather Research Institute, Chennai, Dr. John Philip from IGCAR, Dr. P.Saravanan, Scientist from DMRL Hyderabad and Dr. R. Nirmala from IIT Chennai all delivered on the wide ranging topics. There were 33 oral presentations and 10 poster presentations by the participants who enthusiastically shared their research findings with the fellow researchers at the conference.

ONE-DAY SEMINAR ON ASTRO PHYSICS

- Astro Physics was organized by the Department of Physics on 10th January 2017 as a part of the winter faculty development programme of Hindustan Institute of Technology & Science. The morning session was graced by Dr. L. Sriramkumar, Professor, Department of Physics, Indian Institute of Technology, Chennai. About 40 participants from various departments of Hindustan Institute of Technology & Science participated. The afternoon session had two presentations on the same topic of Astro Physics. Dr. Suganthi Devadason, Professor, and Ms. Annie Aureen Albert, Asst. Professor delivered lectures.



National Conference on Current Trends in Advanced Materials (NCCTAM -17) which was partially funded by Council of Scientific and Industrial Research (IR) was organized by the Department of Physics, Hindustan Institute of Technology and Science during 23rd and 24th February 2017



Prof. Sriramkumar, IITM explaining the sequence of Big Bang Theory during a session at the National Conference



Dr. M. VEERACHAMY
HEAD

CENTRAL LIBRARY

(Established 1985)

ABOUT THE CENTRAL LIBRARY

The Central Library of the University is situated in the Founder's Block with a total carpet area of 65,000sq.ft. spread over three floors with excellent seating arrangements, centralized air-conditioned facility with a perfect eco-friendly environment. It is one of the best-equipped libraries with a huge collection of over 2,00,000 volumes of books, 389 International/National Periodicals in print format, Back volumes and over 3000 CDs/DVDs. It also has more than 42, 000 e-journals and 35,000 e-books with online databases viz. Science Direct, IEEE, Springer, Emerald, EBSCO-HOST, Proquest, EBSCO etc. Digital Library contains 55 Apple iMac systems and 10 i-pads, Laptops and Kindle with internet access. The library is fully automated with LIBSYS software.

INFORMATICS AWARENESS

- Digital Pathway of E-Resource Digital Pathway of E-Resources was organized on 5th August 2016. Mr. Ravishankar, Resource Expert, Informatics, Bangalore was the Chief Guest and he delivered a lecture.

WORLD BOOK DAY

- World Book Day was celebrated on 25th April 2017. Mr. Karthick Pugazhendhi, Author & Journalist, Chennai was the Chief Guest and he gave a lecture on Reading Changes Lives.

EBSCO DATABASE WORKSHOP

- Digital Walk Emerald User Orientation Programmed was organized on 8th September 2016. Mr. Nanda Lal, Training Specialist, South India was the Chief Guest and he explained on EBSCO Database.

EMERALD DATABASE WORKSHOP

- Emerald User Orientation Programme was organized on 7th April 2017. Mr. Nelvin John, Business Manager, South India was the Chief Guest delivered a lecture on Emerald Database.

NATIONAL WORKSHOP

- Workshop on Emerald User Orientation Programme was organized on 25th September 2016 and Mr. Nelvin John, Marketing Manager, South India was the Chief Guest and he highlighted on Emerald Database. About 80 Library Professionals took part in this workshop.

OTHERS

- Book Exhibition was organized by Central Library on 2nd & 3rd February 2017 by Metro Books & Sky Books-Delhi for the Council of Architecture (COA).
- Build your Resource was organized on 30th September 2016.

CENTRES

CENTRE FOR AUTOMATION & ROBOTICS (ANRO)

(Established 2014)



Dr. DINAKARAN
HEAD, ANRO

DEPARTMENT ACHIEVEMENTS

- First Lego League 2017 Regionals was organized on 28th January 2017.
- Indian Robot Football League was held from 14th -15th October 2016.
- Organized “Faculty Development Program”.
- Artificial Neural Network & Fuzzy Logic for Engineering Applications, from 10th -13th January 2017.

STAFF ACHIEVEMENTS

- Dr. D. Dinakaran was elected as Executive Member of Condition Monitoring Society of India (CMSI).
- Visited Leeds University, University of Northampton, Warwick University, UK for international collaborations.

STUDENT ACHIEVEMENTS

- SATBOT team participated in World Robot Olympiad Nationals 2017 at Kolkata from 22nd to 23rd October 2016.
- After qualifying in nationals, SATBOT team represented in “Internationals - World Robot Olympiad 2017” at New Delhi – from 26th to 27th November 2016.
- HMR team participated in URC Mars Rover Challenge organised by NASA, USA.
- Educational Robot was designed by Mr. Karthick Kumar, M.Tech (Robotics) student.

INTERNATIONAL CONFERENCES

- Patient Assistive Robot at the 7th International Conference on Transforming Health Care Using IT, at ITC Grand Chola, Guindy, Chennai, from 21st - 22nd October 2016.

NATIONAL SEMINAR

- Life Saving Capsule Robots by Dr. Pietro Valdastrì, Professor of Robotics and Autonomous Systems, Director of the STORM Lab, School of Electronic and Electrical Engineering, University of Leeds on 12th September 2016.

TRAINING PROGRAMMES

- Certificate course on Robotics for Industrial Automation was conducted.



FLL Trophy won by Vellammal organised ANRO held on 28 th and 29th Jan. 2017 at HITS



Expo of Patient Assistive Robot by Mr. Karthik Kumar, M.Tech. Student, ANRO at THIT Conference at ITC Grand Chola



World Robotics Olympiad event held at Kolkata, Mr. Shyam Nair, Assistant Professor along with students of Mechanical Sciences, HITS participated.



Indian Robot Premier League, IRPL 2016 was conducted at Hindustan Institute of Technology & Science. Mr. Kris Kumar, Founder Robotics and Artificial Intelligence Foundation (RAIF) gave an introduction about the event. Dr. Andy Bell, Global Academic Programme Director, National Instruments, Texas, USA was the Chief Guest for the Valedictory Programme. SNS, College of Engineering, Coimbatore won the Trophy on 15th October 2016.



CENTRE FOR CLEAN ENERGY AND NANO CONVERGENCE (CENCON)

(Established 2011)

Dr. PUSPAMITRA PANIGRAHI
HEAD

THRUST AREAS OF RESEARCH IN CENCON:

- Computational Condensed Matter Physics.
- Phosphor Materials for Solar Energy Application.
- Material for Hybrid Solar Cells.
- Electrochemical Energy Storage Devices.
- Materials for Environmental Pollution Degradation.
- This centre hosts a well equipped Central Instruments Facility (CIF) providing consultancy in sophisticated analytical equipment to scientific community for their advanced research.
- The faculties of CENCON had published in high-impact factor journals and also featured in Nature India. The centre has been actively disseminating their research advances through symposiums and lectures.

The Centre for Research & Consultancy offers Post Graduate (M.Tech) program and also Doctoral program (Ph.D) in Nanotechnology.

- A recent paper titled “Eco-Friendly Rechargeable Batteries” featured in the Journal of Materials Chemistry (Impact Factor= 8.262) by Prof. Rajeev Ahuja, Adjunct Professor, CENCON and Dr.Puspamitra Panigrahi. The same paper got published in Nature India. The researchers identified a host of organic molecules that could potentially be used for making smart rechargeable batteries in lieu of the expensive Lithium ion batteries.

INTERNATIONAL SYMPOSIUM

Recent Advances in Nanomaterials was organized by CENCON from 20th to 21st February 2017 at HITS.

The following speakers delivered invited talks at the two day symposium on the areas of their research expertise.

Prof. Rajeev Ahuja from Sweden addressed on Materials Design for Energy Applications.

Promotion of Native Defects in ZnO Quantum Dots and its Applications by Prof. Ajit Kulkarni, IIT Mumbai.

- Performing Good DFT Calculations to Understand Properties of Materials by Prof. Sharat Chandra, IGCAR, Kalpakkam.
- Nano Carriers for Targeted Drug Delivery by Prof. Senthil Kumar, PSG College of Technology, Coimbatore.
- DFT- An Invaluable Tool for Materials Investigation addressed by Prof. Rita John, University of Madras.
- Resistive Non-Volatile Memory Devices (FES and Memristor) delivered by Prof. T.W. Kang, Dongguk University, Seoul.
- Applications of VASP Tools to Simulate Various Complex Nano-Materials addressed by Prof. Rajeev Ahuja, Uppsala University, Sweden.

An interactive session was held for Research Scholars and faculty from HITS with Prof.Ahuja and Prof.Kang to gain new insights into their research work on 22nd February 2017.

INTERNATIONAL WORKSHOP

Modeling and Simulations of Nanomaterials Using VASP and Synthesis and Characterization of Nanomaterials, an international workshop was organized by CENCON. The workshop was inaugurated by Prof. T. W. Kang, Director, QSRC, Donngguk University, Seoul from 20th to 21st February 2017 at HITS. 57 scholars and researchers from within Tamil Nadu and other parts of India participated in this workshop.



The International Symposium on Recent Advances in Nanomaterials organized by CENCON was held on 20th & 21st February 2017. Prof. Rajeev Ahuja, Sweden and Prof. T. W. Kang, S. Korea inaugurated the Symposium and Workshops.



Eminent Scientists delivered talks during the Symposium on Recent Advances in Nanomaterials Workshop on Synthesis and Characterization of Nanomaterials on 20th & 21st February 2017.



Experts Dr.Senthil Kumar, Prof.T.W.Kang, Prof.Rajeev Ahuja, Prof.Ajit Kulkarni, Prof.Rita John with the participants

CENTER FOR DEFENCE TECHNOLOGY STUDIES (CDTS)

(Established 2013)



Dr. R. ASOKAN
HEAD

Centre for Defence Technology Studies (CDTA) was founded in the year 2012 through the MoU signed between Hindustan Institute of Technology & Science and the world's largest Defence University – Cranfield University of the UK.

CDTS aims to offer short, medium and regular courses in Defence Studies for the first time in the private sector. The Academic council of Hindustan Institute of Technology & Science approved the conduct of the following programmes at CDTS

- MBA Defence Technology Management
- Ph D - Defence and Strategic Studies
- M Phil – Defence and Strategic Studies

Courses are catering to the requirements of a new and nascent field of Defence Technology in India.

CONFERENCE

CDTS, Hindustan Institute of Technology & Science participated in the 2nd Edition – Conference on Aerospace and Defence Manufacturing Technologies by Confederation of Indian Industry (SR) on 23rd June 2017 at Hotel ITC Grand Chola, Chennai. This edition of the conference witnessed the best participations from the Aerospace & Defence industries and also from relevant organizations. It was well represented by the stake holders and about 250 delegates from India, USA, Israel and Nigeria had participated in it. The centre theme of the conference dealt with indigenisation, strong ecosystem with digital technology, the key aspects of Aerospace and Defence manufacturing.

CENTRE FOR PHOTONICS AND LIDAR RESEARCH (CEPLR)

(Established 2011)



Dr. K. SAKTHIDASAN
HEAD IN CHARGE

DEPARTMENT ACHIEVEMENTS

Associated Institutions recognized by the Ministry of Environment and Forests (MoEF), Ministry of Earth Sciences, Ministry of Science & Technology and Indian Space Research Organization (ISRO) through the National Carbonaceous Aerosol Program (NCAP) devised under the aegis of the Indian Network for Climate Change Assessment (INCCA).

CENTRE ACHIEVEMENTS

- Mr. V. R. Sreeraj, M. Tech Communication systems joined CAOS, IISc, Bangalore as Summer Fellow from January to May 2013.
- National Workshop on LIDAR and its Applications in Climate Change, Atmospheric Science and Free Space Optical Communication from 18th March 2013.

- National Technical Seminar Atmospheric Aerosols-Implication to Climate Change and Optical Communication on 22nd April 2015.
- Experimental investigation facility of FSO under the controlled lab environment.

STUDENT ACHIEVEMENTS

IEEE International conference publication “Performance Analysis of PolSK FSO Under Atmospheric Turbulence with Pointing Errors” by Nimitha Manikantan, K. Sunilkumar, in WiSPNET 2016, Chennai.

Project student at CEPLR, Mr. Ali Hyder Zydi, B.Tech final year, department of ECE secured admission at KTH Sweden for Masters Programme.

NATIONAL SEMINAR

Atmospheric Aerosols – Implication to Climate Change and Optical Communication” on 22nd April 2015. Dr. S. K. Sathesh, Professor, Centre for Atmospheric and Oceanic Sciences (CAOS) delivered a talk. His valuable and informative talk gave insight into the operation and application of Light Detection and Ranging (LIDAR) instrument.



Dr. M. JAYAKUMAR

HEAD

CENTRE FOR AUTOMOTIVE ELECTRONICS

The Centre for Automotive Electronics was established under School of Mechanical Science at Hindustan Institute of Technology & Science. It endeavors to the augmentation of research in current trends in automotive electronics and to inculcate a research culture among the students and faculty of the university. This Centre was

inaugurated by Dr. Berndt A. Buchmann, Director, Volkswagen Group Sales and Vehicle Logistics and Dr. Elizabeth Verghese, Chancellor, Hindustan Institute of Technology & Science in the presence of Dr. Anand Jacob Verghese Pro-Chancellor, Mr. Ashok Verghese, Director and Dr. S. Ramachandran, Vice Chancellor, Hindustan Institute of Technology & Science on 3rd October 2015.

OBJECTIVES

Conduct advanced technical programs for the enrichment of knowledge in the field of Automotive Electronics.

Emphasize the advancement of research activity on Automotive Electronics.

Develop innovative products, patents and intellectual property in Automotive Embedded system.

Nurture Human Resources, expertise and advanced knowledge in Automotive Technology.

Strengthen the research network and dissemination of information nationally and at the internationally.

CENTRE ACHIEVEMENT

Twelve students were placed in the premium company, Engineering Graduate Trainee- off Board Diagnosis Engineer.

ROBOT PREMIER LEAGUE (RPL):

Organized an Annual Football Robotics competition for school and college students, corporate and industry professionals in October 2016. For the first time in the country, Indian Robot Premier League, IRPL 2016 was conducted by RAIF in collaboration with Hindustan Institute of Technology & Science. Mr. Kris Kumar, Founder, Robotics and Artificial Intelligence Foundation (RAIF) was the Guest for the Inaugural Day. The RPL contestants comprised of 14 teams, 72 students from various colleges across the nation participated. Dr Andy Bell, Global Academic Programme Director, National Instruments, Texas, USA was the Chief Guest for the Valedictory Programme.

CENTRE FOR AUTONOMOUS SYSTEMS (CAS)



Dr. DALBIR SINGH

HEAD

The Centre for Autonomous systems (CAS) is the gateway to a unique environment created to both facilitate and accelerate the growth of the Unmanned Air systems (UAS) industry. Centre will be one of the few UAS research, training and developmental range of its kind among Indian educational institutes.

SCOPE

In addition to the capabilities, it acts as the window of Indian UAS development. It further creates an exciting new environment to facilitate the commercialization of research. School of Aeronautical Sciences had bagged several titles and championships in prestigious international UAV competitions:

1. Aero Design Collegiate Series (S.A.E. International),
2. International Aerial Robotics Competition (AUVSI)
3. International Micro Air Vehicle Competition (IMAV)

Every year, with the help of students' projects, new successful UAV designs emerged to transform UAV activity into its next dimension of Centre for Unmanned vehicle Systems.

CENTRE FOR SUSTAINABLE TECHNOLOGIES



Dr. V. PREETHI

HEAD

RESEARCH ACTIVITIES

Green building materials , study on the behaviour of

- High Volume fly ash concrete.
- High Volume GGBS concrete.
- Silica fume concrete.
- Geo Polymer Concrete.
- Crumb Rubber concret.

HEALTH MONITORING OF STRUCTURAL SYSTEMS

- Health Monitoring of Signature Tower located at Chennai, using electrical strain gauges over a period of 550 days.

RENEWABLE ENERGY

- Recovery of Hydrogen from Sulphide containing wastewater.
- Biogas production from solid Waste.
- CO₂ Sequestration.
- Techniques adopted for energy efficiency buildings.

EVENTS ORGANIZED

- International Conference – 1
- National Conference – 2
- Faculty Development Program – 5
- Workshop – 4
- Guest Lectures – 17
- Seminar – 19

Research Grant: 48 lakhs (2 completed, 2 ongoing) (DAE - BRNS , DST - SERB)

Projects Submitted: Rs.75 lakhs (2 submitted)

Consultancy: Rs.3.5 Lakhs

Publications: 25 Scopus- indexed Research Papers

NATIONAL COLLABORATION

- Indira Gandhi Centre for Atomic Research (IGCAR)
- Structural Engineering Research Centre (SERC)
- Ever Sendai Construction Pvt. Ltd., Chennai.
- Yogi Vemana University, Kadapa, Andra Pradesh.
- Indian Institute of Science (IISc), Bangalore.

INTERNATIONAL COLLABORATION

- Strasbourg University, France.
- Cambridge Brooks University, UK

CENTRE FOR SENSORS AND PROCESS CONTROL (CENSE)

Established 2016



Dr. E. SATHISH
HEAD

ONGOING PROJECTS

Funding agency: BRNS, Department of Atomic Energy, DAE, Govt. of India.

- Adaptive Controlled Suction Chamber and Cup based Wall Climbing Robot. **Research Grant: Rs. 22.8 Lakhs**
- Development of mutli channel Adaptive Active Noise Control system in a region adjacent to noisy region
Research Grant: Rs. 24.5 Lakhs

Funding agency: MNRE, Govt. of India.

Design and Development of 1 KW Hybrid Vertical Axis Wind Turbine System for Low Wind Speed Regimes (Joint funded Project with Department of Mechanical Engineering).

Research Grant: Rs. 28.5 Lakhs In house project - Funded by Hindustan Institute of Technology & Science

Design and Development of setup for conducting studies on Adaptive noise control.

Research Grant: Rs. 2.1 Lakhs

PRODUCT DEVELOPMENT

- Solar Panel Cleaning robot.
- Improved solar powered low cost tyre pressure sensing assembly with bifurcation of automobiles.
- Multifunctional bed for quadriplegia patients.
- Tapioca Harvester.

The techno commercial terms of the above products developed at the centre have been submitted to the National Research Development Corporation (NRDC), Department of Scientific & Industrial Research, Ministry of Science & Technology, Government of India for product commercialization.

EVENTS ORGANIZED BY THE CENTRE

- Centre for Sensors and Process Control (CENSE) and Department of Electronics and Instrumentation Engineering, School of Electrical sciences jointly organized a two- day Faculty Development Programme on ARM Cortex Microcontrollers – Real Time Applications from 11th and 12th January 2017. The Programme was inaugurated by the Chief Guest Dr.D.Thirugana Murthy, Head, Electronics and Instrumentation Department, IGCAR, Kalpakkam.
- Centre for Sensors and Process Control (CENSE), Department of Electronics and Instrumentation Engineering, School of Electrical sciences conducted a technical seminar on Safety Instrumentation on 13th March 2017. The Technical Seminar was inaugurated by the chief guest Dr. Kallol Roy, Chairman & Managing Director, Bharatiya Nabhikiya Vidyut Nigam (BHAVINI), Kalpakka.

TIFAC - CORE



Dr. R. ASOKAN
HEAD

The Hindustan Institute of Technology and Science had joined this Intellectual forum on the 23rd September 2005. It aims towards producing Quality Human Power (QHP) in select areas of great relevance to societal development. Under the Mission REACH programme, TIFAC-COREs have been established in different parts of the country to fulfill the mission.

TIFAC has instituted a Centre of Relevance and Excellence (CORE) in Aircraft Maintenance at Hindustan Institute of Technology and Science with the whopping amount of Rs 13.72 crores. The CORE is jointly funded by parties such as Hindustan Institute of Technology and Science, Industry Partners and the Department of Science and Technology, Government of India.

The CORE at Hindustan Institute of Technology and Science mandated to generate QHP in the area of Aircraft Maintenance and Manufacturing. Apart from catering to the needs for academic and R & D pursuits, the CORE is envisaged to serve as “One-Stop-Shop” for Industries and User Organizations for offering technical expertise in the chosen area of specialization.

It produces excellent Human Resource in the areas of Aircraft Maintenance, Avionics, Aircraft Manufacturing Technology, Aircraft Instrumentation and Aviation Management with immense emphasis on training on live aircraft and current Avionics.

The CORE also offers short terms training programmes as well as certificate courses to the technical staff of Airline operators and aviation industry with intensive practical /On-Job Training (OJT). Induction training programs were successfully completed for 736 HAL Engineers sponsored by the Hindustan Aeronautical Limited (HAL).

Research work is on progress in the area of repair of composites and engine structures analysis. Customized training

programmes are organized with training on Live Aircraft.

The CORE offers:

Masters and Certificate Courses in Aircraft Maintenance and Avionics.

- Short-Term Certificate Courses in Aircraft Maintenance and Avionics for those who work in Aviation Sectors as well as the student community with ON- JOB training.
- Conducts Induction Training Programmes for staff from the Aviation Industry.
- Conducts seminars and symposia as well as value addition programmes on Aircraft Maintenance, Avionics, Quality Control Procedures etc for Aviation Professionals.
- Offers Engineering Solutions and Consultancy.



CENTRE FOR NETWORKING AND CYBER DEFENSE (CNCD)

(Established 2013)

Dr. V. CERONMANI SHARMILA
HEAD

(CNCD) aims to carry out research and impart knowledge in Networking and Cyber security.

Associations / Collaborations:

Professional Diploma in Cyber Investigation laws is offered in collaboration with HTC-ITMR to help working professionals to scale up and meet the challenges in the field of cyber security.

Industry collaborated courses like Cloud Computing & Virtualization, Business Analytics & Optimization, IT Infrastructure & Management and Cloud Computing Architecture are offered in collaboration with IBM.

Organizes workshops on networking and trains the Trainer Programs. Staff members are D-link certified. Realigned syllabus with inputs from D-link.

Ongoing and Applied projects:

Satellite frequency supported and WiFi Enabled Balloons to support Cell Phone Towers for providing broadband access in disaster-prone areas Amount (Rs. Lakhs) 28.24 Funding agency DST- SERB Status Applied.

Events Organized:

Conclave on Cryptography and Cyber Security was organized on 12th August 2016. Dr. Nishanth Chandran, Researcher, Microsoft, was the Chief Guest and Mr. Vishal Asthana, CISSP Director, was the Guest of Honour. 160 participants attended the program.

World Cyber Security Day was conducted on 30th October 2016. The chief guest of the event was Mr. U.P. Prakasham, CEO, Nebulas Solutions. Around 30 participants attended the event.

Professional Diploma in Cyber Investigations and Laws (PDCIL) was conducted on 6th May 2017. Mr. Sampath Kumar Thirumalai, Vice President, Tech Mahindra, Chennai was the Chief Guest. Mr. Suresh Venkatachalam, AVP, Hinduja tech Limited, Chennai was the Guest of Honour. Nine students were awarded degrees.

STRUCTURAL IMPACT AND CRASH SIMULATION CENTRE (SIMCRASH)

(Established 2017)



Dr. K. RAMAJEYATHILAGAM

HEAD

The Structural Impact and Crash Simulation centre (SIMCRASH) was inaugurated by Dr O.R Nandagopan, Director, Naval Science and Technological Laboratory (NSTL), DRDO on 12th January, 2017 at Hindustan Institute of Technology & Science. The Centre is a multi-disciplinary research centre dedicated for solving

real world structural impact and crash problems through the application of modelling and simulation techniques and to develop new approaches in material modelling.

S.No	Title of the project	Amount (Rs. Lakhs)	Funding agency	Status
1	Evaluation of Numerical Bird Material Model Parameters Through the Dynamic Test of Bird Projectile	9.67	GTRE, DRDO	In progress
2	Simulation of Traumatic Brain Injury Using Finite Element Method	5.80	HITS	In progress
3	Coupled Fluid-Structure Interaction Studies Due To Underwater Explosion Around AUV And Submersible Composite Pressure Hull	39.60	NRB, DRDO	In progress
4	Structural Integrity and Crew Safety Enhancement of Crew Cabin of Battle Tank to Mine Blast Loading Using Advanced Composites	91.52	CVRDE, DRDO	Applied



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

(Established 2015)

Dr. M. K. BADRI NARAYANAN

HEAD

The HTBI & HEIC is dedicated to the development and growth of innovation and entrepreneurial culture in the campus. Accordingly, several internal and external programs are organized to encourage the students and wherever technically advisable, students are encouraged to ideate, prototype their ideas, secure the IP and take them to the market by promoting startups.

DEPARTMENT ACHIEVEMENTS:

- HTBI & HEIC - Featured as a Best Practice on 'Innovation, IP & Patent', by Hindustan Institute of Technology & Science, Chennai has been selected and published in Best Practices – Higher Education in Tamil Nadu – a Compendium by ICT Academy released at the 25th Edition of "BRIDGE" 2017 on 28th February 2017.
- Shortlisted as a National E-Hub under the PM YUVA YOJANA project to train students on entrepreneurship in association with National Institute for Entrepreneurship and Small Business Development (NIESBUD)

- Moscow Aviation Institute's Business Incubator has expressed interest to collaborate with HITS and HTBI.
- Organised 44 campus level events, including mentoring sessions and technical training for the student innovators and entrepreneurs.
- Organized a National Level Two Day Workshop on Linux System Administration, in association with with E-Cell of IIT Kharagpur, through which 51 students from different colleges were trained.
- Organized WF-NEN LEARNWISE Entrepreneurship Education Programme 100 – a mobile app based learning module for the pilot batch.
- HTBI & HEIC was represented in 25 prestigious external programmes including BRIDGE 2017, CII-Yi Interactive Session, CII-Yi-Yuva, TiE Startup Lecture Series, etc.
- Students mentored to win prizes in prestigious competitions – CII Connect, Infosys Hackathon – TechZooka, Unisys Cloud 20/20 Y8 contest, Innovators day 2016 @ SMVCE and I4India.
- Facilitated filing of 10 patent applications by student innovators, through the IP Cell HITS.

HINDUSTAN INNOVATION CHALLENGE 2016-17

- The Hindustan Innovation Challenge - Innovate2Win is an initiative of Hindustan Technology Business Incubator (HTBI) & Hindustan Entrepreneurship and Innovation Centre (HEIC) of Hindustan Institute of Technology & Science. The objective is to inspire the students to use their creativity and enabling them to form multidisciplinary teams. About 250+ students formed 85 teams to work on their innovative projects comprising of two to six people. Student teams had presented their innovative projects through eight rounds of screening before reaching to the grand finale. They presented their ideas with prototypes to the corporate expert jury panels comprising of industry veterans and representatives from professional bodies – PALS and IEEE.

STARTUP ACHIEVEMENTS

- 5 startups are currently incubated at the HTBI
- Flytta – a student startup incubated at HTBI, had pitched its venture for funding at TiECON 2017 Bangalore.
- Raven Aerial Technologies, an Alumni Startup incubated at HTBI, had organized Aero Modelling workshops for thousands of school kids in association with Aeronautical Society of India.



Hindustan Innovation Challenge '2016 Group Photo



Hindustan Innovation Challenge Grand finale winners



CII Young Indians Interactive session on "Youth & Innovation" with Dr Naushad Forbes, President, Confederation of Indian Industry (CII)



Team Digital Vision Secure Drive_First Prize in Innovation Contest'2016 at Sri Manakula Vinayagar Engineerig College, Puducherry

OFFICE OF INTERNATIONAL AFFAIRS



DR. T. DAVID EASOW
DEPUTY DIRECTOR

Staff & Students Exchange

Details	2012 - 2017		2016 - 2017	
	Inbound	Outbound	Inbound	Outbound
Students	180	635	20	60
Faculty	5	27	3	13

ACHIEVEMENTS

- Hindustan Institute of Technology & Science was selected as an Award Winner in the prestigious 2016 Australian Service Excellence Awards for its high standards of management, training and commitment to excellence.
- Appreciation Award was honoured for the outstanding contribution that Hindustan Institute of Technology & Science has been making to the nation - from high standards of education, supporting the underprivileged and to the salvage operations in Chennai spearheaded by Dr. Mrs. Elizabeth Verghese, Chancellor of Hindustan Group of Institutions.
- Award Details: International Service Excellence Award, Customer Service Organisation of the Year, Award Winner - Hindustan Institute of Technology & Science (under the Dynamic Leadership of Chancellor Dr. Mrs. Elizabeth Verghese).

INTERNATIONAL GUEST LECTURES

The 17th International Guest Lecture was organized with speakers from Riga Technical University, Latvia, The Institut Polytechnique des Sciences Avancées (IPSA), France, Alamo Colleges, USA, Staffordshire University, U.K, University of Aberdeen, U.K, University of Colorado, Bradford University, U.K, Oxford Brookes University, U.K. Massey University, New Zealand, Western Sydney University, Australia, Laureate Design Universities, Italy, and Naresuan University, Thailand.

INTERNATIONAL EDUCATION FAIR

International Education Fair was organized by the U.S. Universities on the University campus.

- The participant universities in the fair were Embry-Riddle Aeronautical University, University of California, Hofstra University, Rochester Institute of Technology, University of Pennsylvania, Southern Methodist University - Lyle School of Engineering, St. John's University and Willamette University. Around 600 students of the 3rd / Pre-final & Final year students of HITS & KCG participated in the fair.

INTERNATIONAL PROGRAM AT HITS

The following Short-term courses were conducted:

- SECIS (Special English Course for International Students): 4 Month course for five students from Iran and one student from Dongguk University, Korea from May to August 2016. From February to June 2017, two students from Oman and two Korean students from Myungji University and Hwon University undertook the course.
- EIBIS (English Language, Indian Culture & Business Studies for International Students): 4 Month course for six students from February to May 2016 and four students from January to May 2017 from Dongguk University, Korea.

STUDENTS EXCHANGE & INTERNSHIP PROGRAMS

- Praveen, 2nd BBA participated in the Semester Exchange Program at SIAS International University, China from August 2016 to January 2017.
- 15 students of MBA, Aviation participated in the Summer Program at Riga Technical University, Latvia, July 2016.

- Mohit Chordia, Saranya and Shreyas, 3rd Architecture, participated in the Semester Exchange Program at University of Applied Science Detmold, Germany from March to September 2016.
- Santhosh Raj Kumar, 3rd Auto, participated in the Semester Exchange Program at Kookmin University, Korea from March to June 2016.
- 14 students of MBA (General) participated in the Emersion Program Management Development Institute of Singapore, Singapore during August 2016.
- Sabin Sam Abraham and Vasantha Kumar of 2nd MBA participated in a Cultural Exchange program at Chang Jung Christian University, Taiwan from 22nd to 28th August 2016.
- Francis, 2nd MBA (Aviation) participated in the Summer Program at Korea Aerospace University, Korea from third week of June to July 2016.
- Francis, 2nd MBA (Aviation) participated in Internship conducted by Korean Air, Korea during August 2016.
- Makesh Kumar, 3rd CSE participated in the Semester Exchange Program at Dongguk University, Korea under GKS Scholarship from August to December 2016.
- Arun Prabhu, 4th Automobile student took part in the Internship on “ROV Inspection Service” from 1st to 30th April 2017 at SEISSURVEY, Sharjah, United Arab Emirates.
- Lykha Ahmed, 2nd EIE underwent Study Abroad Program at Western Sydney University, Australia from February to June 2017.
- Naveena Sikhakolli, 3rd CSE underwent the Semester Exchange Program at Dongguk University, Korea under GKS Scholarship from March to June 2017.
- Ramesh Vignesh and Mahesh participated in the Semester Exchange Program at Dongguk University, Korea from March to June 2017.
- Shikha Rani, 3rd CSE underwent the Semester Exchange Program at Sejong University, Korea from March to August 2017.
- Shruthi and Varsha, 3rd Architecture is undergoing the Semester Exchange Program at University of Applied Science Detmold, Germany from March to August 2017.
- Mohammed Aiman Farooq, 3rd Automobile Engineering underwent the Exchange Program at Kookmin University, Korea from February to June 2017.
- Praveen, 2nd BBA Program took part in the Semester Exchange Program at SIAS International University, China from February to June 2017.
- Preeti Lakshmi and Pradeep Kumar, 4th ARCH underwent the Semester Exchange Program at University of Politecnico di Milano, Italy from March to July 2017.
- Sindhu, Jisha and Aashika, 1st M.Tech CSE students underwent Semester Exchange Program at Multimedia University, Malaysia from March to June 2017.

INTERNATIONAL COMPETITIONS

- Mr. Makesh Kumar, 3rd CSE participated in the International Robot & R-BIZ Challenge Competition 2016 organized by National Institute for International Education, Ministry of Education, Republic of Korea from 14th to 16th October 2016. He received the Certificate of appreciation and Bronze Medal for winning the third position.
- ASTRA TEAM of Aeronautical Engineering participated in the SAE Aero Design (West) Competition, Dallas, Texas, USA from 10th March to 12th March 2017. They won 5th Position out of 18 teams in Advanced class around the world.
- LAKSHYA TEAM of Aeronautical Engineering participated in NASA Human Exploration Rover Challenge, USA from 31st March to 1st April 2017. They won the 33rd position globally and 1st within India.
- FALCON TEAM Aeronautical Engineering participated in the world's Premier Cansat competition organized jointly by American Astronautical Society (AAS) and American Institute of Aeronautics & Astronautics (AIAA) for college students, held at Stephenville, Texas, US. The competition was sponsored by leading organizations like NASA, Lockheed Martin and American Naval Research. They won 8th position globally.

STAFF EXCHANGE WITH SCHOLARSHIP

- Mr.Prabhu Raj, Asst. Professor – EIE, Mr. Nageswarar Rao, Asst. Professor & Mr.Mahesh Kumar Reddy, Asst. Professor – EEE are pursuing Ph.D Program under Scholarships offered by The Government of Thailand.
- Mr.S.Nandakumar, Lab Instructor pursuing Master’s Program offered by The Government of Thailand.

INTERNATIONAL MOU’S

22 International MoU’s were signed:

Budapest Metropolitan University, Hungary

- Western Sydney University, Australia
- Shih Chien University, Taiwan
- .The Institut Polytechnique des Sciences Avancées, France
- École Nationale de l’aviation civile , France
- Ben-Gurion University of the Negev, Israel
- Tunceli University, Turkey
- Multimedia University, Malaysia
- Universiti Tenaga Nasional. Malaysia
- Moscow University of Finance and Law, Russia
- Management Development Institute of Singapore, Singapore
- Staffordshire University, U.K.
- Oxford Brookes University, U.K.
- Alamo Colleges, USA
- Illinois Institute of Technology, USA
- University of Colorado, USA
- Arizona State University, USA
- California Baptist University, USA
- Lyceum of the Philippines University, Philippines
- Prince of Songkla University, Thailand
- Daffodil International University, Bangladesh
- Danubius University, Romania.

The MoU’s were signed for the purpose of achieving academic excellences in the field of Students Exchange Programs, Study Abroad Programs, Exchange of Faculty for Teaching & Research, Exchange of Research Scholars, Joint Research Projects, International Industrial Visits, Participation in Seminars, Conferences, Special Lectures, International Summer Programs, Study Tours, Training and the Internships for students in Australia, Bangladesh, Israel, Hungary, Philippines, France, Russia Singapore, Malaysia, Turkey, Taiwan, Thailand, Romania, U.K. and USA.



Ms. Lykha, 3rd EIE attended Study Abroad Programme at Western Sydney University Australia.



Ms. Varsha Prasad and Ms. Krishna Shruthi from Dept. of Architecture, underwent Semester Exchange Programme at Ostwestfalen-Lippe University of Applied Sciences, Lemgo, Germany.



The Orientation Programme for English, Indian Culture, Business Studies for International Students (EIBIS) 2017 was conducted on 25th January 2017 for students from Dongguk University.



Gunasekhar Praveen, 2nd BBA at SIAS International University, China for an exchange programme.



Summer University Programme at Hochschule Ostwestfalen-Lippe University, Detmold, Germany attended by Students of School of Architecture from 1st May to 10th June 2016.



SCHOOL OF PHYSICAL EDUCATION AND SPORTS



Mr. ABRAHAM VERGHESE
SPORTS ADVISOR

Dr. B. SELVAMUTHU KRISHNAN
DIRECTOR

TROPHIES WON BY BASKETBALL MENS TEAM:

- UBA National Basketball Tournament organized by UBA, Pune from 1st to 31st July, 2016.
- Addidas 3 on 3 Basketball Tournament organized by Addidas Sports Goods, Chennai from 10th to 11th October, 2016.
- VIE' 17 organized by Jain University, Bangalore from 15th to 20th February, 2017.
- FEDE-TE Intra Group Tournament organized by Hindustan Institute of Technology & Science from 17th to 18th March, 2017.

TROPHIES WON BY BASKETBALL WOMENS TEAM:

- Sree Raghavendra All India Tournament organized by Raghavendra Basketball Club from 9th to 15th July, 2016.
- Dr. KCG Verghese Memorial All India organized by Hindustan Institute of Technology & Science from 17th to 22nd August, 2016.
- SSN Trophy organized by SSN Engineering College from 23rd to 25th August, 2016.
- SRM Trophy organized by SRM University, Chennai from 24th to 26th August, 2016.
- Kongu Trophy organized by Kongu Engineering College from 7th to 13th September, 2016.
- 3rd South Zone Inter collegiate Tournament organized by Thoothukudi Basketball Club from 25th September to 2nd October, 2016.
- South Zone Inter University Tournament organized by Calicut University, Kerala from 11th to 14th December, 2016.
- State level intercollegiate Tournament organized by JIT Sriperumbudur from 4th to 8th April, 2017.
- FEDE-TE Intra Group Tournament organized by Hindustan Institute of Technology & Science from 17th to 18th March, 2017.

WINNER TROPHY BY CRICKET MEN TEAM

- TNPESU Trophy organized by TNPESU, Chennai from 3rd to 24th August, 2016.
- South Zone Inter University organized by Hindustan Institute of Technology & Science, Chennai from 2nd to 11th January, 2017.
- FEDE-TE Intra Group Tournament organized by Hindustan Institute of Technology & Science from 17th to 18th March, 2017.

WINNER TROPHY BY VOLLEYBALL WOMENS TEAM

- CM trophy organized by SDAT Erode from 27th to 28th July, 2016.
- State Level Inter College Tournament organized by Thiruchengode from 29th July to 2nd August, 2016
- YMCA Buck Memorial in Chennai from 4th to 5th August, 2016.
- Youth State Championship at Thanjavur from 8th to 17th August, 2016.
- Hindu College Chithpati Trophy at Avadi Chennai from 22nd to 23rd August, 2016.
- Beach Volleyball Match at Chennai Marina on 31st August, 2016.
- Kongu Engineering College at Perundurai Erode from 8th to 12th September, 2016.

- Junior State Championship organized by TBSVA, Trichy from 7th to 18th January, 2017.
- Junior National Championship organized by FIVA, Karnataka from 7th to 18th January, 2017.
- FEDE-TE Intra Group Tournament organized by Hindustan Institute of Technology & Science from 17th to 18th March, 2017.

WINNER TROPHY BY BADMINTON TEAM

- FEDE-TE Intra Group Tournament at Hindustan Institute of Technology & Science from 17th to 18th March, 2017.

ARCHERY CHAMPIONSHIP

- Won Gold medals at Tamilnadu State Archery Championship organized by TNAA, Chennai.
- Won 4 gold medals at State Level Archery Championship organized by TNAA, Chennai from 7th to 9th October, 2016.

50M OPEN & 18 M INDOOR

- Ranked 5th and World rank 54th at Senior International Archery Championship organized by World Archery, Bangkok from 9th December to 12th January, 2017.
- Silver medal at Junior National Archery Championship organized by Maharashtra Archery Association from 20th to 25th February, 2017.
- Secured 16th rank at Senior National Archery Championship organized by Haryana Archery Association from 26th to 30th March, 2017.
- R.Adithyaa, 1st year, ECE featured in the World Archery magazine 2017.



Basketball women's team was the Runner-up in All India Inter University Basketball Championship held at KIIT, Bhubaneswar, Orissa.



Basketball Women's team Winners of Dr. K.C.G. Verghese Memorial All India Inter Institution Basketball Tournament with Chief Guest Padma Shri. Anju Bobby George, Arjuna Awardee and Khel Ratn.



Hindustan Institute of Technology & Science conducted South Zone Inter University Cricket Men's Tournament from 2nd to 11th January, 2017 in Chennai. 90 teams participated in the South Zone Inter University Cricket Men's Tournament. Mr. Krishnamachari Bharatan, Former Ranji Trophy, ICC Official & Southern Railways was the Chief Guest. Mr. Arun Karthik, Former Tamil Nadu Ranji Trophy Player, Assam Ranji Trophy Team Captain, Team Player of IPL Chennai Super Kings and Royal Challengers, Bangalore, Mr. Xavier Sargunam, Former Tamil Nadu Ranji Trophy Player, IPL Sunrises Hyderabad, Mr. M. K. Sivakumar, Former Tamil Nadu Ranji Trophy Player & TNPL First Hat Trick Wicket Taker were the Guests of Honour during the inauguration on 2nd January 2017.

Hindustan Institute of Technology & Science clinched Winner's Trophy in South Zone Inter University Men's Tournament against Madras University. Mr. J. K. Mahendra, Former Junior Indian Cricket Player was the Chief Guest and Dr. Suresh Kutty, Professor, Department of Physical Education, Kannur University, Kerala were the Guests of Honour for the Valedictory Function on 11th January 2017.





Dr. Mrs. Elizabeth Verghese, Chancellor, Hindustan Institute of Technology & Science presided over the Valedictory Function of the Chancellor's Trophy event. Mr. Ashok Verghese, Director, Hindustan Institute of Technology & Science, Dr. Susan Marthandan, Director, Hindustan College of Arts & Science and Dr. Pon. Ramalingam, Registrar, Hindustan Institute of Technology & Science was present during the function. There was a special performance by an acrobatic Basketball Team by Dunking Devils from Europe which was organised first time in India.



Hindustan Institute of Technology & Science Women's Volleyball Team clinched 4th position in South Zone Inter University organised by University of Calicut and 8th position in All India Inter University organised by VBS Purvanchal University, Uttar Pradesh.



Mr. B. THIRUMARAN
HEAD - PLACEMENT

HINDUSTAN CAMPUS RECRUITMENT DRIVE (HCRD)

It's a moment of happiness and pride as the Final placements have been successfully completed for the Batch of 2016-2017. This is an improved score card which gives an insight to the improving education system of Hindustan University.

This year, 65 multi-national and national companies hosted their Campus Recruitment drive in our University. These included Infosys, Capgemini, Indian Navy, Amazon, Juspay, Mphasis, 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 380 eligible students 282 students were placed with average salary of 3.8 lakhs Per Annum and we attain 74.21 percentage of Placement.

No. of Companies	Total no. of Students	No. of Registered Students	No. of Offers	Placement Percentage
65	1048	380	282	74.21

HIGHLIGHTS OF 2016-17

- 29 New Companies visited the campus for recruitment.
- Day 2 Status Large Recruiter Tech Mahindra was introduced.
- Highest Number of Dream companies so far – 10 reputed companies
- First time highest CTC of Rs.15 Lakhs p.a by Amazon Development Centre, Hyderabad
- Improvement in number of companies visiting the campus and increase in the number of offers and 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.

HINDUSTAN MUSIC CLUB

The Hindustan Music Club was formed on 14th July 2017 to encourage and support for the development of students' musical skills. More than 50 students have enrolled in the club. Various musical classes such as guitar, vocal, keyboard and drums, are being conducted for the students of the Club. The classes are held every week from Monday to Friday between 5.00 to 6.30 pm at MGR Hall.

The Club is functioning under 3 different categories: Basic, Intermediate and Advanced learners. The staff in-charges of the club are Mr. Akshay (Guitar Trainer), Mr. Jacob George (Choir and Vocal Trainer) and Mr. Royson B. There are 4 Music Bands (2 Western and 2 Light Music) representing Hindustan Institute of Technology & Science at various competitions.



YUVATHARANG OF HINDUSTAN

Yuvatharang Team comprising dedicated students of Hindustan Institute of Technology & Science and headed by Ms. Geetha Devi, Assistant Professor, EEE Dept. conducted several programmes pertaining to Green Governance. The team initiated several activities to save energy, save water and propagated the awareness to avoid plastics. Awareness programmes are conducted within campus and also in surrounding villages on a regular basis.

The Team conducted Swatchh Bharat activities in collaboration with the Information and Broadcasting of India. YUVATHARANG of Hindustan brought many awards to our institution in Green Governance. The team coordinate the distribution of 100 plants in Marina and Besant Nagar.





Mr. G. RANGARAJAN
FLYING OFFICER

NCC ACTIVITIES & ACHIEVEMENTS

- Inter-group competition 2016 was held at Salem August 2016. Eight cadets from Hindustan Institute of Technology & Science participated.
- Meghalai, 2nd Architecture participated in Zonal camp for Peep Sight shooting held at Karur in May 2016 and was selected for Inter Group Competition 2016.
- Won the silver medal in Microlite Flying - C/CPL L.Valliappan, 3rd Aero.
- Won the silver medal in 0.22 Firing –R. Ravichand, 3rd Aero.

L Valliappan, R Ravi Chand, AdityaSahu, Karan and Rahulkumar were selected to represent Tamil Nadu, Puducherry and Andaman Nicobar in All India Vayu Sainik Camp 2016 held at Jodhpur, Rajasthan.

ANO Fg Officer R.Giri was designated as the Contingent Commander, represented Tamil Nadu, Puducherry & Andaman Nicobar Directorate in All India Vayu Sainik Camp 2016 held at Jodhpur, Rajasthan. The contingent achieved the record of being the Best Flying Directorate for more than 5 years successively.

ALL INDIA VAYU SAINIK CAMP 2016 HELD AT JODHPUR, RAJASTHAN.

- R. Ravi Chand and Karan, 3rd Aero, played a vital role in the Tamil Nadu Directorate receiving the Best Directorate in overall Firing.
- L. Valliappan lead the Line Area Competition and Tamil Nadu DTE bagged Silver.
- All our cadets performed exceptionally and added points in making the Tamil Nadu, Pudicherry and Andaman & Ncobar DTE as the Best Directorate in Flying.
- Tamil Nadu, Puducherry and Andaman & Nicobar DTE became the second best in the overall Vayu Sena Cup.
- CUO A. Jaya Prathap ,4th Aero attended prestigious Air Force Attachment Camp at Air Force Academy, Dindigul in December 2016.
- Balakumaran, 4th Arch and A. Balavignesh, 2nd Mechatronics participated in Marina Republic Day Celebration 2017.
- In the Annual Training Camp 2017 held at VIT, Chennai ,Hindustan Institute of Technology & Science NCC Cadets excelled in the field and CWO M. Paridhi Raj, 4th IT was adjudged as Best Cadet (SD) and K.Keerthanaa 3rd Aero was adjudged as Best Cadet (SW).
- In the Cross Country competition for girls (SWs), B Niharika, 2nd ECE won the gold medal and K. Keerthanaa, 3rd Aero won the silver medal.
- In the Cross Country competition for boys (SDs) CUO A. Jaya Prathap, 4th Aero obtained Silver.
- In International Dressage Development League held in February 2017, B Niharika, 2nd ECE participated in the event Equitation bagged Gold medal.

The following NCC Cadets are promoted to the higher ranks based on their performance in the institutional and Unit level with highest dedication and involvement.

- Jaya Prathap A, 4th Aero promoted to CUO-Cadet Under Officer.
- Paridhi Raj M, 4th IT was promoted to CWO-Cadet Warrant Officer.
- Aditya Sahu. 3rd Aero promoted to C/SGT-Cadet Sergeant.
- L.Valliappan, 3rd Aero received promotion to C/CPL Cadet Corporal.
- R Ravi Chand, 3rd Aero was promoted to C/CPL Cadet Corporal.



NATIONAL SERVICE SCHEME (NSS)



Dr. P. MANIVANNAN
HEAD

Rotary Club of Chennai organised the “OMR RUN”, a fund raising programme for Charity purpose on 5th February 2017. 650 volunteers from the Hindustan Group of Institutions participated in the event.

Swachh Bharath Kashmir To Kanyakumari Rotary Cycle Rally

20 Rotaracters from RCHU club participated in Swachhh Bharath Kashmir to Kanyakumari Rotary Foundation Centennial Cycle Rally on 4th December 2016. The event was organised by Rotary Club of Madras Midtown, Greater Chennai Corporation and Ministry of Urban Development Govt. Of India.

50 Computers distributed to Govt. Schools.

Ford India Ltd, Perungudi donated 50 computers to the 6 Govt. Schools at the vicinity of Hindustan Institute of Technology & Science.

Christmas Celebration at CSI Higher Secondary School for Special Children.

On Christmas Eve, 20 Rotaracters from the Rotaract Club of HIET & Hindustan Institute of Technology & Science jointly celebrated Christmas at CSI Higher Secondary School for special children, Mylapore on 24th December 2016. Rtr. Karthick, Director Youth Service and Rtr. Tejas, Director Community Service donated the provision items to the School.

5 E-Learning Smart Class Room donated to the 5 Govt. Schools.

The smart classroom projector installation was done from 28th to 29th October 2016 at Government Middle School at Padur and Government Higher Secondary School, Sembakkam. The project had benefitted about 3,190 school children from five government schools.

Rotary Youth Leadership Award (RYLA) I Programme

RC of Zenith and RC of Hindustan Institute of Technology & Science jointly organised the Rotary Youth Leadership Award program from 6th to 8th January 2016 at Hindustan Institute of Technology & Science. 120 volunteers benefited.

NSS Day Celebration

NSS Cell of Hindustan Institute of Technology & Science, Rotary Club of Chennai Capital (RCCC) and Rotaract club of Hindustan Institute of Technology & Science (RCHU) jointly celebrated the NSS Day on 27th September 2016. The following programs were organized during the celebrations. The day also marked World Literacy Day on 27th September 2016. Dr. Expendith Senior Educational Consultant, SSA and Dr. Sridhar Asst. HM Govt. Hr. Sec. School Sembakkam were the Resource Persons for the event. 100 NSS volunteers participated.

Blood Donation Camp

NSS, RCCC, RCHU and Madras Voluntary Blood Bureau jointly organised the Blood Donation camp on 27th September 2016 at Hindustan Institute of Technology & Science. Rtn. Natarajan Nagoji, District Governor, RI District 3230 inaugurated the camp. The blood banks from Cancer Institute, Government Hospital, Youth Red Cross and Royapet Government Hospital collected 559 units of blood from the students and staff.

Nation Builder Award Programme

One major component of the Teacher Support program of the Rotary India Literacy Mission (RILM) is to recognize the outstanding teachers through the Nation Builder Award. This award aims at recognizing an outstanding teacher after a detailed evaluation process. RCHU undertook survey from 15 Government schools to nominate the best teachers. 15 government school teachers were felicitated during the award function organised on 27th September 2016 at Hindustan Institute of Technology & Science.

Installation programme for Rotaract Club of Hindustan Institute of Technology & Science

The Installation programme for Rotary Club of Hindustan Institute of Technology & Science was organised on 27th September 2016 at Hindustan Institute of Technology & Science. Ms. Subhathra District Rotaract Representative was the Chief Guest and the RCCC and RCHU members participated in the programme.

Rotary Youth Leadership Award (RYLA)

6 of our rotaracters from Rotaract club of Hindustan Institute of Technology & Science participated in RYLA programme organised by Rotary district 3230 from 7th to 9th October 2016 at OMR. Our Club president Rtn. Shiva Balaji received the Appreciation Award received from the Rotary Club of Chennai Upscale NSS cell and Rotaract club of Hindustan Institute of Technology & Science received the award of appreciation for the valuable support for OMR RUN.



Nation Builder Award Event was organised on 27th September 2016. Rtn. Natarajan Nagoji, District Governor, RI District 3230 was the Chief Guest and Rtn. Mukund Vedapudi Asst. Governor, RI district 3230 was the Guest of Honour Rtn. Ashok Verghese President RCCC, Rtn. Sriram, Immediate Past President, Ms. Subhathra DRR district 3230 and other members from RCCC and RCHU also participated. 15 government school teachers were felicitated during the function.



A Mega Go Green Drive was conducted at Hindustan Institute of Technology & Science in collaboration with Rotary Club of Chennai Capital on 21st Sept. 2016 and 1000 saplings were planted.



Hindustan NSS Cell received the Trophy from Madras Voluntary Blood Bureau for Mobilizing 438 Units of Blood.



20 Rotaracters from RCHU club participated in Swatchh Bharath Kashmir to Kanyakumari Rotary Foundation Centennial Cycle Rally on 4 Dec. 2016 at Besant Nagar Beach, organized by Rotary Club of Madras Midtown, Greater Chennai Corporation and Ministry of Urban Development Govt. of India.



World Literacy Day was organized by Rotary Club of Chennai Capital and Rotaract Club of Hindustan Institute of Technology & Science NSS Cell, Hindustan Institute of Technology & Science.



Blood Bureau jointly was organised the Blood donation camp on 27th September 2016.



The 85th Birth Anniversary of our Former President Late Dr. APJ Abdul Kalam was celebrated in HITS Campus in a befitting manner and the Students took an Oath to live up to his dreams & to realize his visions.



Dr. VALLI KANNU
HEAD

The Hindustan Institute of Technology & Science's Youth Red Cross Society renders various services, true to its principle: "Service to Needy and Poor." It aims at creating health-care awareness and protection of public life through various activities.

ACTIVITIES

Medical Camp: A Free Medical Camp was organized for Hindustan Fraternity in collaboration with the Chettinad Health City on 9th August 2016. The objective of the camp was to create health awareness among students, faculty members and the general public. Around 110 students and 60 Faculty members were benefited.

Blood Donation: A campaign was carried out in association with Tagore Medical College to bring awareness among the public about the importance of Blood Donation. About 100 YRC students benefited.

Free Eye Screening Camp: YRC organized the camp for Hindustan Fraternity in association with the Smart Vision and Diabetics Clinic, Adyar from 2nd to 3rd February 2017. Members and technicians from the Smart Vision conducted eye screenings for 150 students and 65 staff members. Smart Vision had offered free eye consultancy for the registered members to their clinic.

Free Cardiac Camp: YRC organised this camp, in association with the Madras Medical Mission Hospital, Muggapair, for the staff members of HITS and the villagers of Padur, Kelambakkam and Thiruporur on 8th April 2017. About 151 members were benefited and 32 ECHO & Treadmill test were taken from specific persons after the doctors' examination.



Free Cardiac camp was organized by the Youth Red Cross (YRC) for the staff members and under privileged villagers of Padur, Kelambakkam and Thiruporur on 8th April 2017.



Free Medical Camp was organized by the Youth Red Cross (YRC) & National Service Scheme (NSS) in the Hindustan Institute of Technology & Science for the students and staff on 9th September 2016



The Red Cross Society, in association with Campus Clinic HITS, organized a blood donation awareness seminar on 17th October 2016

Eye Screening Camp for Hindustan Students & Staff members was held on 2nd & 3rd February 2017.

GRADUATION BATCH GROUP PHOTOS

AERO



ARCH



CIVIL



CSE



IT



BCA



MCA



EEE



ECE



EIE



MECH



MECH



MECH



AUTO



CHEMICAL



FASHION DESIGN



MBA



B COM



BBA



S & H



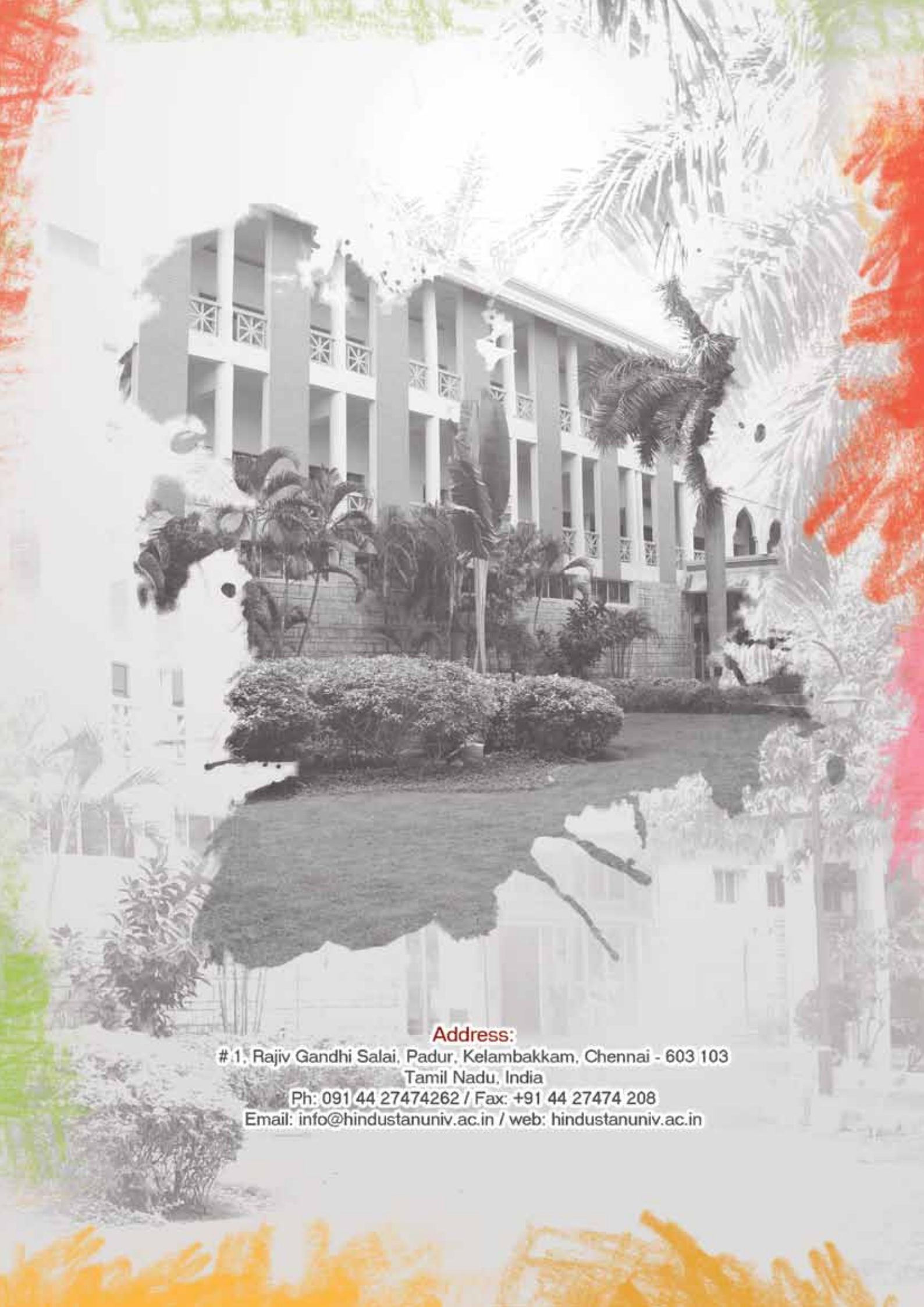
NCC



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