



Congratulations



Outstanding Engineering Award & Eminent Engineering Personality Award presented to Dr. Mrs. Elizabeth Verghese, Chairperson of Hindustan Group of Institutions on 20th December 2013 by The Institution of Engineers (India) during the 20th Indian Engineering Congress, Chennai. Award was conferred to her by Shri. S. S. Rathore, President, The Institution of Engineers (India)

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DEDICATION CEREMONY - PADAPPAI CAMPUS



Hindustan Group of Institutions achieved a great milestone on 30th January 2012 expanding the infrastructure of its already existing institutions. The Polytechnic & Aviation Colleges of HIET will be conducted at Padappai in the sprawling campus with excellent infrastructure facilities beneficial to the student community. On 30th January 2012 the facilities were dedicated by His Grace the Rt. Rev. Dr. Isaac Mar Philoxenos, Bishop, Chennai-Bangalore Diocese, Mar Thoma Syrian Church.



"Be a student as long as you still have something to learn, and this will mean all your life".
— Henry L. Doherty

Guided by the Vision of Our Founder Chairman, (late) Dr. KCG Verghese, "To make Every Man a Success and No Man a Failure", let us gather strength to innovate and meet new challenges which will take our institution to greater heights. We continue to invest rich experience in our students by developing and expanding our range of academic programmes, ensuring the high quality in curriculum and providing a knowledge centric environment.

My best wishes for the Newsletter, "HIETalk", which is intended to disseminate the information about the activities of the Institution and hope this will be a great source of enthusiasm to bring out the best of hidden creative talents and organizational abilities of the students.

May today's success be the beginning of tomorrow's achievements...

I wish the Staff and the students a very Happy New Year 2014

Dr. Anand Jacob Verghese, Director & CEO

Dear Students & Staff

Welcome to the 2014-2015 academic year! Our commitment at Hindustan Institute of Engineering Technology is to provide a safe and intellectually challenging environment that will empower students to become innovative thinkers, creative problem solvers and inspired learners prepared to thrive in the twenty-first century.

High standards and expectations for each student in regard to academic performance, co-curricular participation, and responsible citizenship are the foundation of our institute. It is with pride that we hold these high standards and ask each of our students to commit and maintain the extraordinary record of achievement and contribution that has been the legacy of HIET students. It is the contribution of our students to our community that makes HIET an exceptional learning community. Full participation in academic and co-curricular programs and a willingness to act responsibly as an individual within our educational environment are the factors that enable all to have a successful and enjoyable year.

Publication of "HIETalk" is a step towards highlighting the programmes and events that are organized in the Institution. It will also project the achievements in the academic and co-curricular activities. I take this opportunity to thank the management for the encouragement and support for the Publication of the newsletter.

I wish you all a Happy New Year 2014

Prof. M.C. Sampath, Principal



"Perfection, as culture conceives it, is not possible while the individual remains isolated. The individual is required, under pain of being stunted and enfeebled in his own development if he disobeys, to carry others along with him in his march towards perfection."

- Matthew Arnold

Could ignorance ever be blissful? Yes and No. But, it can ill-afford to replace the discursive range of necessary information towards which we endlessly strive, day-in day-out, to make the cut in our respective areas of interest. There is forever this urge 'to know'. For to know is to feel and to feel is to hit upon the realization to outgrow and outperform, to overcome the set limits that hold us back.

With a pristine purpose of presenting all that transpired in a marked period of time, we are coming forth with our HIET newsletter "HIETalk" to help our readers to embark upon the bandwagon of Informative, Educative and Creative impulses. All courses that count in Diploma level are voiced in a delectable assortment of multifarious musings that aspire to work as a binding vine of perennial growth and development of the who's who of HIET.

We are pretty hopeful that the reading would be rewarding to the readers of "HIETalk" as it would serve as a verdant landscape of scientific, technical and literary outpourings that support teaching and research for the sake of exposure and expansion.

The small initiatives that we take go a long way in building upon the edifice of knowledge and enterprise that empowers and emboldens, breaking free from compulsive, obsessive complacency which is lethal, to say the least. We are thankful to **Dr. Anand Jacob Verghese**, Director & CEO, for his unstinting support, valuable insights, encouragement and his enthused efforts to help "HIETalk" come alive.

Mr. K. Nazeer Badhusha, Chief Editor

On behalf of the student community it gives me an immense pleasure coupled with responsibility to be a part of "HIETalk" first time. It is really a daring approach for budding engineers like me who is adapted with machines to handle pen with same aplomb. In this "HIETalk", we have been trying to reflect not only our ideas, opinions and views but also our aspirations and visions for future.

I can clearly say that we have brought out this number keeping the standards of the students but at the same time, they reflect a refinement and calibre of our students who always aim high in their lives.

I once again thank each and everyone for giving me an opportunity to serve as the students' editor.



Mr. M. MARUTHOSH
Editor, Student Chapter

AWARDS and Recognition 2013

Times of India - Edupreneur AWARD - 2013



Presented by Dr. Konijeti Rosaiah, His Excellency, Governor of Tamil Nadu to DR. ANAND JACOB VERGHESE, Director & CEO, Hindustan Group of Institutions, in recognition of his Exemplary commitment and Impactful positive contribution to Education in Tamil Nadu on 28th Sep 2013. This function was organised by Times Group.

DR. KCG VERGHESE EXCELLENCE AWARDS 2013



To Commemorate the 73rd birth anniversary of (late) Dr. KCG VERGHESE, Founder Chairman of the Hindustan Group of Institutions, DR. KCG VERGHESE Excellence Awards 2013 was instituted by the Group to recognize the efforts of leaders in business and other fields whose work resonated with the visionary outlook of the Founder Chairman. A memoir on the journey of (late) Dr. KCG VERGHESE and his contribution to the aviation and education industry was presented in a grand ceremony that was held on 29th June 2013 at Hotel ITC Grand Chola, Chennai. More than 400 guests attended the function.

The Chief Guest for the evening was Lieutenant General SS Jog, Commandant of the Officers Training Academy (OTA) Chennai, Dr. E.M. SUDARSHANA NATCHIAPPAN, Union Minister of State for Commerce and Industry, was the Special Guest for the Ceremony. Speaking on the occasion, Dr. Natchiappan said, "I feel extremely privileged and honoured to be part of such an event. (late) Dr. KCG VERGHESE, with his profound qualities of enthusiasm, perseverance, vision and live networking created a springboard for many aspirants to mould their careers". Dr. Mrs. Elizabeth Vergheese, Chairperson of Hindustan Group of Institutions, presided over the function and Dr. Tony Fernandes, Group Chief Executive Director, Air Asia, was the Guest of Honour and delivered the commemoration speech.

DR. KCG VERGHESE Excellence AWARDS 2013



A coffee Table book entitled '45 years of HIET' was released in the function (L-R) Munirathnam Javaji, Mr. Troy Justice, Padmashree Mr. Priyadharshan, Dr. Mrs. Elizabeth Vergheese, Lt. Col. SS. Jog, Tan Sri Tony Fernandes, Mr. K.S. Kumar, Mr. Ashok Vergheese, Mr. Walter Davaram.

Dr. Natchiappan and Lt. General SS Jog, gave away the four Excellence Awards and Life Time Achievement Award was presented by Dr. Mrs. Elizabeth Vergheese, Chairperson, Hindustan Group of Institutions. The event also saw the release of Coffee Table Book entitled "45 Years of HIET", which captures the journey of this premier technical institution. The book was released by the Chief Guest Lt. General SS Jog. He said, "It was my honor to be part of such an awards ceremony which recognizes the individuals who have significantly contributed to the cause and benefit of the society. I am thankful to Hindustan Group of Institutions for giving me this opportunity. I congratulate the awardees and extend best wishes to the students".

Dr. Tony Fernandes was honored with the Lifetime Achievement Award for his contribution to the field of aviation, trade and commerce, hospitality, sports and the promotional aspects of international association in addition to his contribution to Malaysia's growth and development. On receiving the award Dr. Tony Fernandes said, "I am absolutely gratified to receive this award from the Hindustan Group of Institutions. We have decided to dedicate the first aircraft to Dr. KCG VERGHESE. We also vow to recruit pilots and other staff in India from Hindustan Group of Institutions."

The excellence award in the field of Culture and Entertainment was given to eminent film Director, Producer and Screenwriter S. Priyadharshan Nair for immeasurable social contribution through his inspirational films. Dillip R Vellodi, Chairman & CEO of Sutherland Global Services was presented with the Excellence Award for Business, for his outstanding contribution to the industry through his innovative ideas. On behalf of Dillip R Vellodi, the Award was collected by K.S. Kumar, Head of Global Operations, Sutherland Global Services. The Excellence Award in the field of Sports was presented to Troy Justice, Senior Director, Basketball in India and for assisting 8 levels Basketball Federation of India (BFI). The Aluminus Excellence Award was given away to Munirathnam Jawaji, Director, Assystem India, for being an iconic brand in representing the values of the Hindustan Group to the world and carrying forward the Founder's vision **"TO MAKE EVERY MAN A SUCCESS AND NO MAN A FAILURE"**. Scholarship of 3 crore was awarded to the students of adopted schools and also for students of the Hindustan Group of Institutions who excelled in sports.





POLYTECHNIC CLASSES Started at Padappai on 10th December 2012

VG-TAP TALK



The Chief Guest **Mr. Dietmar Hildebrandt, Director, Group Service, Volkswagen** inaugurated the **VG-TAP** facility at HIET, Padappai Campus on 2nd April 2012. Dr. Mrs. Elizabeth Verghese, Chairperson, HGI presided over the function. VG-TAP (Volkswagen Group Technik Ausbildungs Program) is an optional programme offered for the final year students of the Automobile Engineering (DAE) by Volkswagen Group Sales India Pvt. Ltd.



A meeting of the VG-TAP Institute-Dealership Committee was held on 28th March 2013 at HIET Padappai Volkswagen Training Center. Representatives from TVS Motors and ABRAR Motors along with Principal Prof. S. Surendra Babu and Registrar P.V. Ravindran attended the program.



Inauguration of VG-TAP Program for the 3rd Batch of students on 3rd October 2013.



INDUCTION DAY PROGRAM

Induction Day program for the First Year Polytechnic Students was held on 13th July 2013 at HIET Padappai. Mr. S. Ramesh, General Manager (Operation), M/s Sundaram Fastners Ltd was the chief guest and gave the induction day speech. Prof. M.C. Sampath, Principal, Col. (Retd.) M.J Anand, DD (Admin.) and Mr. Gurusamy, Sr. Manager Training also addressed the students.



Skill Development TRAINING

HIET Organized the following skill development training programs partnering with Ministry of Micro Small and Medium Enterprises (MSME, Govt. of India).



**ADVANCE
WELDING
TECHNIQUES**

Electrical and Plumbing Supervisor Training for CIVIL CONSTRUCTION



**STAFF
DEVELOPMENT
PROGRAMME
on 14th Dec 2013**



Festivals and other CELEBRATIONS

Onam CELEBRATION 2013



Dr. Mrs. Elizabeth Verghese, Chairperson, Hindustan Group of Institutions lighting the Kuthuvilakku along with (L-R) Dr. Mrs. Annie Jacob, Director, KC Tech, Mr. K.S. Narasimhan, Chief Instructor, AME, Dr. Ramachandran, Vice-Chancellor, Hindustan University and Dr. Anand Jacob Verghese, Director & CEO, Hindustan Group of Institutions.

Festivals and other CELEBRATIONS

Independence DAY



Independence day was celebrated at HIET Padappal on 15th August 2013. Cmde.(Retd.) R.K.Sekhar hoisted the flag and addressed the students. Col.(Retd.) M.J. Anand, DD (Admin.) and Prof. M.C. Sampath, Principal HIET and other staff attended the function.

Republic DAY



The Republic day was celebrated on 26th January 2013 at HIET Padappai. Prof. S.Surendra Babu, Principal HIET Polytechnic College hoisted the National flag and addressed the students and staff.



HIET Music Club



HIET Students participation in Christmas Carol program at Hindustan University



Chief Guest - Mr. Oomman Thomas, Olympian, Asian Medalist(200m) and Mr. Kannan, DSP are giving the Individual Overall Championship to Mr. Manu Jacob.J, student of Aircraft Maintenance Engineering.

SPORTS DAY CELEBRATION 2013



Students Running in the field on sports day - 2013

Delegates VISIT



Visit of Australian delegates



Visit of Nigerian delegates



Visit of delegates from
Daimler Commercial Vehicles Pvt Ltd



Visit of delegates from
SRF India Pvt Ltd



Visit of Mrs. S. Shanthi,
Chief Educational Officer, Kancheepuram Dist.



Visit of Mr. Kulkarni, Director
Volkswagen Training Academy, Pune

Industrial VISITS



DME Students visited M/S. Eagle View, CNC production Center as a part of their Industrial Visit.



DME Students visited Diamond Engineering as a part of their Industrial Visit



Final year B.E. Mechanical students of K.C.G College of Technology attended one week intensive training program on CNC Vertical Milling Center at HIET.

Induction Training PROGRAMME



An Induction Training Program for the employees of SRF Pvt. Ltd., was conducted at HIET Padappai. A group of 13 students have undergone this training.



Faculty Induction and Training Program was conducted at HIET Padappai on 15th June 2013. Dr. Rangaraja, Principal, KCG College of Technology and Col.(Retd.) M.J. Anand, Deputy Director (Admin.) and Prof. M.C. Sampath, Principal, HIET interacted with the staff and given necessary advice and guidance.

Association PROGRAMMES



Computer Association inaugural function was held on 24th July 2013. Ms.M.Madhumitha, Sr. Test Engineer, Mindtree Ltd. was the chief guest and gave the key note address.

Mechanical Association inaugural function was held on 11th July 2013. Mr. Natarajan, Executive Director, BI Metal Bearings (TAFE Group) was the chief guest and gave the key note address.



Mechanical Association Programme was held on 2nd January 2014. Mr. M.Suresh, Senior Manager, Head-Maintenance, M/S Asahi India Glass Ltd. was the chief guest and gave the key note address. CNC certificates were distributed by Mr. Gopalakrishnan, Director & CEO, M/S Eaagle View Pvt. Ltd.

Civil Association inaugural function was held on 26th July 2013. Mr.SRR.Senthil Kumar, Principal, Agni College of Engineering was the chief guest and gave the key note address.



Automobile Association Inaugural function was held on 20th Sep. 2013. Dr.Etraj, Senior Section Engineer, Southern Railway, was the chief guest and gave the key note address.

Social SERVICE



HIET organized a **Blood Donation Camp** jointly with Y's Men International and Children's Hospital, Egmore on 27th Sep 2013. 170 units of blood were donated by students and staff of HIET.



Free Computer Course was conducted for Govt. School Students in and around Padappai in association with Y's Men International, a service organisation in the month of November 2013.



HINDUSTAN UNIVERSITY

www.hindustanuniv.ac.in

HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE (HITS)
(Field, Under Section 3 of the UGC Act 1956)

SCHOOL OF ENGINEERING & TECHNOLOGY

B.TECH. COURSES (4 yrs)

Aeronautical / Aerospace / Automobile / Automobile(Motor sport Engineering) / Bio Technology / Chemical / Civil / CSE / Electrical & Electronics / Electronics & Communication / Electronics & Instrumentation / Mechanical / Mechatronics / Information Technology

B.TECH. EVENING COURSES: Civil / CSE / ECE / EEE / Mech. / IT

INTEGRATED COURSES (5% yrs): B.Tech MTM - Master of Technology Management (Automobile Engg.)

M.TECH COURSES (Full time 2 yrs)

Aeronautical / Aircraft Maintenance Engg. / Applied Electronics / Automobile Engg. / Avionics / Computer Aided Design / Construction Engg. & Management / Computer & Communication / Computer Science & Engg. / Communication Systems / Environmental Engg. / Internal Combustion Engg. / Power Electronics & Drives / Power Systems Engg. / Process Control & Instrumentation / Refrigeration & Air Conditioning / Software Engg. / Structural Engg. / Thermal Engg. / Embedded Systems / Embedded Control / Information Technology / VLSI Design / Nano Technology / Power System Engg. (Evening) / Civil Engineering with specialization in Construction Engineering & Management (5Yrs)

SCHOOL OF ARCHITECTURE

B.ARCH. (5 yrs) / **M.ARCH** (General & Housing) (2 yrs)

SCHOOL OF MANAGEMENT

MBA(Full time - 2yrs)

Aviation Management / Media & Entertainment / Family Business & Entrepreneurship / Hospitality Management / Hospital & Health Care / Defence Technology Management / Regular (Specialisation in Finance / Marketing / Human Resources / Systems)

SCHOOL OF ARTS / APPLIED SCIENCES / HUMANITIES

BBA (3 yrs) / **BCA** (3yrs) / **B.Com** (3yrs) / **B.L.I.S** Library Information Science

B.Sc (3yrs) Aviation / Avionics / Aircraft Maintenance Engineering / Bio-Informatics / Catering Science and Hotel Management / Fashion Design / Food Technology

M.Sc. Chemistry / Material Sciences **M.L.I.S.** Library Information Science

M.A. English Language Communication

MCA (3 yrs)

Ph.D. / **M.Phil.**(in all Subjects) / **M.S** Research

DIPLOMA PROGRAMMES

P.G. Diploma in Interior Design / Advanced Diploma in Optometry / PG Diploma Course in Advertising Photography (1 yr) / Diploma in Professional Photography (1 Yr) / Certificate Course in Photography (6 Months) / Weekend Course in Basic Photography (13-Weeks)

KCG COLLEGE OF TECHNOLOGY

www.kcgcollege.ac.in

Affiliated to the Anna University, Approved by the AICTE, New Delhi
Accredited by NBA, An ISO 9001 : 2008 Certified Institution

B.E. COURSES (4 yrs)

Aeronautical / Computer Science & Engg / Electronics & Communication / Electrical & Electronics / Electronics & Instrumentation / Mechanical / Civil

B.TECH. COURSE (4 yrs) Information Technology

M.E. COURSES (2 yrs)

VLSI Design / Engineering Design / Computer Science & Engg. / Communication Systems / Manufacturing Engineering / Power Electronics & Drives

MCA (3yrs)

NATIONAL INSTITUTE OF MANAGEMENT STUDIES

www.nimechennai.com

Approved by the All India Council for Technical Education (AICTE), Affiliated to University of Madras

MBA (2 yrs) Finance / Marketing / Human Resources / Systems

MAM (2 yrs) Master of Applied Management

ORIENT FLIGHT SCHOOL

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Approved by the Director General of Civil Aviation (DGCA), Govt. of India

OFS is one of the best-equipped flight school for pilot training in India with the largest fleet of aircraft including Turboprop, Jet aircraft and Simulators used for flight training.

- > **Commercial Pilot Licence (CPL - 200 hrs)** with B.Sc. (Aviation), degree course under Hindustan University (Recognized by UGC - MHRD, Govt. of India)
- > **Private Pilot Licence (PPL) - 50 hrs**
- > **Flight Simulator Training** for Instrument Rating (ALSIM - ALS0) for Single Engine Aircraft

HINDUSTAN COLLEGE OF ARTS & SCIENCE

www.hcaschennai.com

Affiliated to the University of Madras and Approved by the Govt. of Tamil Nadu
ISO 9001 : 2000 Certified Institution

UNDER GRADUATE COURSES

B.Sc. COURSES (3 yrs)

Electronics and Communication Science / Microbiology / Biotechnology / Computer Science / Electronic Media / Visual Communication / Mathematics

BCA (Shift 1 & 2) (3yrs) / **B.B.A** (3yrs) / **B.Com** (General (Shift 1 & 2) / Bank Management / Corporate Secretaryship / Computer Applications/ Information Systems Management) (3yrs)

B.A. (3yrs) English Literature

POST GRADUATE COURSES

M.Sc COURSES (2 yrs) : Applied Microbiology / Biotechnology / Computer Science / Information Technology / Master of Social Work

M.Phil Microbiology

HINDUSTAN INSTITUTE OF ENGINEERING TECHNOLOGY



POLYTECHNIC COLLEGE

Approved by AICTE, Govt. of India, New Delhi, Affiliated to the Directorate of Technical Education, Govt. of Tamilnadu.
An ISO 9001 - 2008 Certified College

DIPLOMA COURSES (3 yrs)

- Diploma in Automobile Engg. (D.A.E)
- Diploma in Mechanical Engg. (D.M.E)
- Diploma in Computer Engg. (D.C.E)
- Diploma in Civil Engg. (D.Civil)
- Diploma in Electrical & Electronics Engg. (D.E.E.E)



AME Hangar

AVIATION COLLEGE

Approved by Director General of Civil Aviation, Govt. of India, New Delhi
An ISO 9001 - 2008 Certified College

AIRCRAFT MAINTENANCE ENGINEERING (A.M.E - 3 yrs)

- Avionics Stream
- Mechanical Stream
- B.Sc Aircraft Maintenance Engg.
- B.Sc Avionics (Degree course under Hindustan University)

HINDUSTAN INSTITUTE OF ENGINEERING TECHNOLOGY

Regd & Admin Office: No.40, GST Road, St. Thomas Mount,
Chennai - 600016, Tamilnadu, India
Ph: 91-44-2234 1389/2508/0968/0980 Fax: 91 - 44 - 2234 2170
Email: hietc@vsnl.com

Campus: Navalur Road, Vellarithangal Village,
Serapanancheri Post, Kancheepuram District - 601301
Ph: 044 - 6662 6662 Fax: 044 - 6662 6664
Email: clamehiet@yahoo.com, principal@hiet.in

Toll Free No. : 1800 425 4438

Website: www.hiet.in

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