



# KCG

COLLEGE OF TECHNOLOGY

Affiliated to Anna University

**AUTONOMOUS**



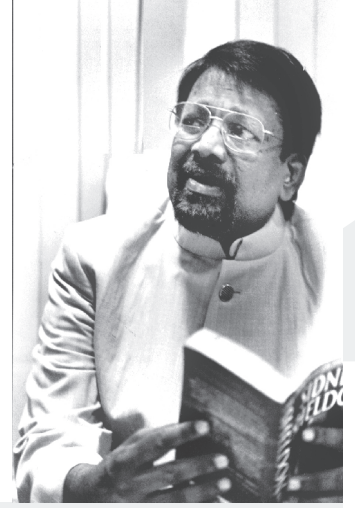
**Inspiring Innovation  
Through Industry  
Linked Curriculum**

**ANNA UNIVERSITY COUNSELLING CODE: 1311**



# Hindustan Group of Institutions

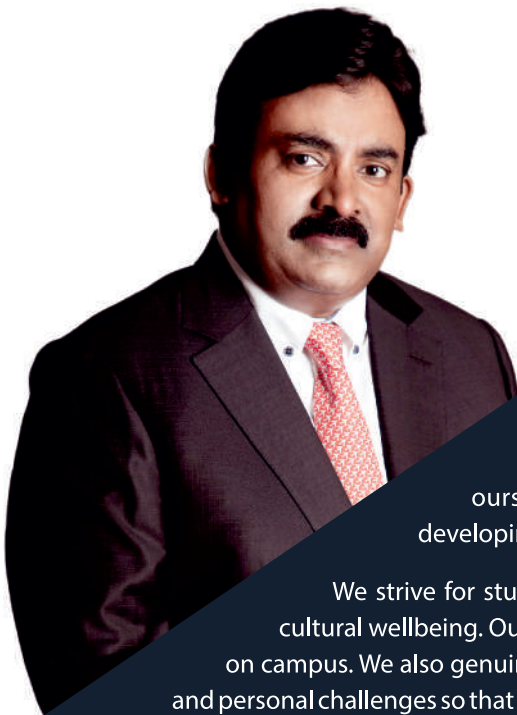
The Hindustan Group of Institutions was founded in 1966 by Late Dr. K.C.G. Verghese. Way back in the sixties, he created the need for an institution that offers nonformal technical education and set up Hindustan Engineering Training Centre (HETC). Today, the Hindustan Group includes several institutions unified by the founder's vision of imparting quality education in the fields of Engineering, Aviation, Applied Sciences, and Management. Each of these institutions has ideal infrastructure and is committed to promoting quality learning, making the Hindustan Group a force to reckon with, in the field of education.



## KCG College of Technology

KCG College of Technology was founded in 1998 to fulfill the Founder-Chairman, Dr. KCG Verghese's vision of "To Make Every Man a Success and No Man a Failure". It is a Christian minority institution, affiliated to Anna University, Chennai and approved by AICTE, New Delhi. University Grants Commission (UGC) has conferred Autonomous Status to KCG College of Technology, Chennai for a period of 10 years from the session 2022-2023 to 2031-2032. KCG College of

Technology or KCGTech, as it is popularly known, is one of the most sought-after institutes for world-class technology & engineering education, committed to quality teaching, learning and research while ensuring for every student an encompassing educational experience which will promote leadership, job creation, social commitment and service to nation building.



**"Education is not the filling of a bucket but the lighting of a fire," -**  
*said W B Yeats, the famous*  
*20th-century Irish poet.*

KCG College of Technology is the perfect destination to further your education and prepare for a rewarding profession. Rightly we consider ourselves to one of the top Engineering colleges and an apt partner in developing you into the successful tech savvy Engineer you aspire to be.

We strive for students' holistic development, which includes their physical, mental, social, cultural wellbeing. Our Faculty collaborate closely with the Students to improve the quality of life on campus. We also genuinely care and work with individual students to help them handle academic and personal challenges so that we can continue to enhance and grow our learning community.

KCGTech offers a wide range of student-led activities, including sports, cultural and personal interests, and technical interests to discover the latent skills and enhance talents and horizons of our students. The year ahead will see KCG College consolidating and improving its standing in academic circles. The focus on improved infrastructure, better faculty and better results will continue, as we ensure that the vision of our Founder, Dr. KCG Verghese – "To make every man a success and no man a failure" becomes a reality.

My best wishes are with you during your time at KCG College of Technology and beyond, at any point in your life.

**Dr. Anand Jacob Verghese**  
Chairman

**Chairman's**  
**Message**

# Courses Offered

## AERONAUTICAL ENGINEERING

Offers B.E in Aeronautical Engg. with specialisation in Computational Engineering, Aerodynamics and Propulsion, Aerospace Structures, Avionics and Drone Technology, Aircraft Maintenance

## AEROSPACE ENGINEERING

Offers B.E in Aerospace Engg. with specialisation in Space Technology, Computational Engineering, Aerodynamics and Propulsion, Aerospace Structures, Satellite Technology

## ARTIFICIAL INTELLIGENCE & DATA SCIENCE

Offers B.Tech in AI & DS with specialisation in Full Stack Development for IT, Cloud Computing and Data Center Technologies, Cyber Security and Data Privacy, Creative Media

## AUTOMOBILE ENGINEERING

Offers B.E. in Automobile Engg. with specialisation in Electric Vehicles, Computational Design, Vehicle Research and Validation, Special Purpose Vehicles, Product and Process Development, Logistics and Supply Chain Management

## CIVIL ENGINEERING

Offers B.E in Civil Engg. with specialisation in Structures, Construction Techniques and Practices, GeoTechnical, Geo-Informatics, Transportation Infrastructure, Environment, Water Resources, Ocean Engineering

## COMPUTER SCIENCE & ENGG.

Offers B.E in CSE and B.E in **CS with Cyber Security**. Specialisation in Data Science, Full Stack Development, Cloud Computing and Data Center Technologies and Data Privacy, Creative Media, Emerging Technologies, Artificial Intelligence and Machine Learning

## ELECTRICAL & ELECTRONICS ENGG.

Offers B.E in EEE with specialisation in Power Engineering, Converters and Drives, Embedded Systems, Electric Vehicle Technology, Advanced Control

## ELECTRONICS & COMMUNICATION ENGG.

Offers B.E in ECE with specialisation in Semiconductor Chip Design & Testing, Signal Processing, RF Technologies, Bio Medical Technologies, Underwater Technologies, Sensor Technologies & IoT, Space Technologies, High Speed Communications

## FASHION TECHNOLOGY

Offers B.Tech in Fashion Technology with specialisation in Speciality Apparels, Apparel Product Development, Apparel Marketing, Garment Manufacturing, Management

## INFORMATION TECHNOLOGY

Offers B.Tech in Information Technology with specialisation in Data Science, Full Stack Development for IT, Cloud Computing and Data Center Technologies, Cyber Security and Data Privacy, Creative Media, Emerging Technologies, Artificial Intelligence and Machine Learning

## MECHANICAL ENGINEERING

Offers B.E in Mechanical Engg. with specialisation in Modern Mobility Systems, Product and Process Development, Robotics and Automation, Digital and Green Manufacturing, Process Equipment and Piping Design, Clean and Green Energy Technologies, Computational Engineering, Logistics and Supply Chain Management

## MECHATRONICS ENGINEERING

Offers B.E in Mechatronics Engg. with specialisation in Applied Robotics, Design and Manufacturing, Smart Mobility Systems, Intelligence Systems, Automation, Avionics and Drone Technology, Logistics and Supply Chain Management

## Post Graduate Programmes

**M.E.:** Aeronautical Engineering, Communication Systems, Computer Science & Engineering, Manufacturing Engineering, Power Electronics & Drives

**Anna University Recognized Research Centres for**

**Ph.D** Programmes - CSE, ECE, EEE, Mechanical, Physics and Chemistry\*



## INDUSTRY CERTIFIED PROGRAMMES THROUGH CENTRES OF EXCELLENCE

- Advanced Composite
- ASDC - HERO Certified Two Wheeler Maintenance & Repair
- BOSCH Joint Certified courses on Automotive Vehicles Electronics
- BSNL - GSM & Broadband Communication
- Building Information Modelling using Revit Architecture
- Capgemini Training on VLSI
- Capgemini Training on Technical Publication
- CFD-ROTA CFD Fragment
- CISCO Certified Network Associate & Cyber Security
- Drone Pilot Training
- Digital Manufacturing (3D)
- e-Yantra Certified Course in Robotics & Embedded Systems
- Eagle View - Advanced Metrology Training
- GE Certified Power System Protection & Relay Testing
- Heating, Ventilation and Air Conditioning (HVAC)
- Hexaware - Training on Cloud Computing
- Infosys Spring Board Courses 5.0 - Python
- Intel - IoT
- Konma - Blockchain
- LabVIEW & its Application
- Mobile Application Development
- Non Destructive Testing (NDT)
- NSDC Certified Rooftop Solar Grid Engineer, Electric Vehicle Service, Industrial Automation, Software Developer
- Oracle Certified Course on Java Fundamentals
- Planning and Designing of Commercial and Residential Building using AutoCAD
- Planning and 3D Modelling using ArchiCAD
- PLC & SCADA
- Qlik - Training on Analytics
- Space Zee - AR VR
- Structural Design and Analysis using STAAD Pro
- TEKLA Structures
- UAVs and Drones
- Virtusa - Training on Java Full Stack
- 3D Printing

## 113 MoUs with Industry Leaders



Inferno Racing



Garuda Aerospace



Data Patterns



IITM Pravartak



Skyroot Aerospace Pvt. Ltd.



Brakes India





## OUR TOP RECRUITERS







**APJ Abdul Kalam  
Multipurpose Auditorium**



**KCG 22 Yards Cricket Ground**



**KCG Legends Tennis Court**

## CAMPUS FACILITIES



**Govt & Industry  
Supported Labs**



**Flight & Car  
Simulators**



**Aero Hangar**



**Skill Development  
Centre**



**Book Bank**



**Transport**



**Book Bank**



**Library**



**Social Outreach  
Clubs**



**Clubs**



**Gymnasium**



**Ambulance**



**Sports**



**Horse Riding**



**NCC**



**Hostel**



**Food Court**



# Awards and Achievements

## NBA (National Board of Accreditation)

Five Programmes (Aero, CSE, ECE, IT, MECH) accredited

## NAAC (National Assessment and Accreditation Council)

Accredited with A+ Grade with a CGPA of 3.34 / 4

## NIRF (National Institutional Ranking Framework)

- Innovations- Band 11-50 in 2023
- 201-250 band in 2020 & 2021

## AICTE-CII Survey of Industry Linked Technical Institutes 2021

- Best Industry Linked Institute Award
  - Computer & Allied Category (CSE, IT & AI&DS)
  - Electrical & Allied Category (EEE)
  - Electronics & Allied Category (ECE)
- One amongst the 2 institutes from Tamilnadu, who have won the award for the year 2021
- Electrical & Allied Category having won the award for the third time, has become a Mentor from this academic year

## National IP Awards 2021 & 2022

**Special Citation** for Institution Innovation Council

## ARIIA (ATAL Ranking of Institutions on Innovation and Achievements)

Band Excellent in 2021

## AICTE Lilavati Award

Winner under Self Defense theme (Team Vikranti) in 2022



Received FICCI-TANHESA award- Best Private Engineering college in Chennai



Smart India Hackathon – Software – Winners



Inferno Racing Team – Overall Winners 2023

## Institution Awards & Rankings

- Rated 4 Golden Star award by MHRD Innovation Council
- The Outlook – Ranked 65<sup>th</sup> amongst the Best Engineering Colleges of India and 1<sup>st</sup> amongst Anna University non autonomous affiliated colleges
- The Times of India – Ranked 14<sup>th</sup> amongst TN's Top Private Engineering Institutes and 3<sup>rd</sup> amongst Anna University non autonomous affiliated colleges
- India Today – Ranked 17<sup>th</sup> amongst Private Engineering Colleges of India and 1<sup>st</sup> amongst Anna University non autonomous affiliated colleges
- Dataquest T-Schools Award- Over all -6, Private colleges-2 and in South zone-3
- Education World India Grand Jury Award-Best Industry Academia Alliance. India- No:6, Tamil Nadu and Chennai-No:2
- Received Indian Institutional Ranking Framework (IIRF) Engineering Colleges survey 2023- Over all 148th, South Zone-84th, Tamil Nadu-36th and Chennai-13th
- Received Anna University Affiliated Colleges Academic Performance for April May -2022. TN-18th and Chennai-4th

## Students Awards 2022 - 23

- **AICTE - MoE Smart India Hackathon** - 4 Teams First Place
- **IIT PALS Innowah** - won 7 consecutive years - 2 Prizes in 2 Categories
- **AICTE - Chhatra Vishwakarma Award** - Runner Up
- **IET Smart City Challenge** in Industry Institution Summit 4.0-4 Teams Winner
- **Team Inferno ranked**
  - **ISNEE Go Kart Design Challenge** - All India 5<sup>th</sup> and Tamilnadu 1<sup>st</sup> position
  - **SUPRA SAEINDIA Championship** - All India 10<sup>th</sup> and Tamilnadu 1<sup>st</sup> position
  - **FMAE FFS** - All India Overall Trophy
- **INAE Youth Conclave** by IIT Bombay - 1<sup>st</sup> Place under the category "Digitization and Revolution in Logistics"
- **Mistral Hackathon** - 2<sup>nd</sup> Runner up
- **Keysight Innovation Challenge** - Finalist (Top 6)
- **Quest Global - Ingenium** - Finalist (Top 10)
- **172 Student Patents filed**





Contact Us

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**HINDUSTAN**  
GROUP OF INSTITUTIONS  
CHENNAI

