KCG
COLLEGE OF TECHNOLOGY
A unit of Hindustan Group of Institutions

CAMPUS DIARY!

EDITORS' NOTE

Dear Reader

KCG College of Technology works towards holistic development culminating in making a mark at the national and international levels.

The August edition of the Campus Diary presents our co-curricular and extra-curricular activities and highlights our students' achievements in Smart India Hackathon, SAE & Go Kart and also Aeronautical programme attaining NBA status.

Happy Reading!

EDITORS:

Dr. R. Jaya, Associate Professor, Department of English

Ms. Tephilla Joice P, Assistant Professor, Department of Mathematics

The Epitome of Excellence National Rankings 2022

ARIIA
ATAL RANKING OF INSTITUTIONS
ON INNOVATION ACHIEVEMENTS

EXCELLENT

Category: Colleges/Institute
(Private/Self Financed)(Technical)

CAREERS360
THE COMPLETE CAREER MAGAZINE

AWARDED

AAA+
Ranking

DATAQUEST

11th (Overall)   **4**th (Private)

amongst the Top Technical Institutes
Nationwide

Outlook
ICare Rankings

1st   amongst the Anna University
Affiliated Non Autonomous Colleges

11th   amongst the Top Private
Engineering Colleges in Tamil Nadu

INDIA TODAY
MDRA Best Colleges Ranking – Engineering

1st   amongst the Anna University
Affiliated Non Autonomous Colleges

17th   amongst the Top Private
Engineering Colleges in Tamil Nadu

TIMES ENGINEERING
Engineering Institute Ranking Survey

3rd

amongst the Anna University
Affiliated Non Autonomous Colleges

Hearty Congratulations

to the Department Faculty Members, Students and supporting Staff

We are happy to announce that **DEPARTMENT OF AERONAUTICAL ENGINEERING** has been accredited **by**

Ranked 13th amongst the **Top Private Engineering Institutes in Tamil Nadu** in the **Times Engineering Institute Ranking Survey 2022**.

Inauguration - IEEE Madras KCG Student Branch Chapter

Inauguration of the **IEEE Madras KCG Student Branch Chapter** was held on 5th August, 2022. **Dr. M. Kumarappan,** Chairman, IEEE Madras Section and Professor, Faculty of Engineering and Technology, Annamalai University was the chief guest.

Introduction of Two New Courses by KCGSDC

KCG Skill Development Centre (KCGSDC) in association with **Tamilnadu Skill Development Centre (TNSDC)** and **Hindustan Institute of Technology and Science (HITS)** has introduced two courses **"Embedded Full stack IoT Analyst"** and **"Embeded Software Engineering"**.

KCG Techians celebrated National Handloom Day on 13th August 2022 organised by **School of Fashion Technology.** Students and Faculty members weaved the name of the college with colourful threads to prove their solidarity. Students participated in discussions on the importance of preserving our handlooms and supporting local weavers and artisans.

76th Independence Day Celebration on campus witnessed programmes including Har Ghar Tiranga Prabhat Pheries, Inter-School Competitions and Hoisting of National Flag and NCC Flag.

Har Ghar Tiranga Prabhat Pheries

In an effort to sensitize people about the **'Har Ghar Tiranga'** campaign, students organised Morning Walkathon at Karapakkam on 13th August 2022. The students covered the entire stretch of Karapakkam Main Road proudly carrying the National Flag.

Literary, Cultural and Sports Competitions

KCG College of Technology in association with **Y's Service Club of Chennai, Karapakkam** and **Y's Men's Club of KCG College Youth** conducted a series of exciting cultural and sports competitions for Government Higher Secondary School students of Sholinganallur and Karapakkam and also for the school students of Patikadu Village, the village adopted by the college. Prizes to the winners were distributed during Independence Day Celebration.

Hoisting of National Flag and NCC Flag

Mr. Rajan, Asian Olympic Gold Medalist, hoisted the National Flag and delivered the Independence Day address. **Lt. Akin**, Associate NCC Officer, Tamilnadu I Battalion NCC Unit hoisted the NCC Flag on campus. The Principal **Dr. P. Deivasundari,** Dean Student Affairs **Dr. Anita Manuel**, HoDs, Members of Faculty, students and alumni participated. Alumni Newsletter was also released during the occasion.

3 Day In-house Faculty Induction Program

A 3 Day In-house Faculty Induction Programme was organised from 11th to 13th August 2022.

The objective of the programme is to familiarise and refresh the participants on the strategies for effective communication and teaching in classrooms. It also aims to familiarise them with the rules and practices of the college. DTM Nina John inaugurated the programme and delivered a session on **"Motivating Students Intrinsically and Extrinsically"**.

Dr. S. P. Dhanavel, Senior Professor of English, IITM delivered a session on **"Classroom Communication"**. **Dr. Lakshmipathy**, AP-Chemistry, KCG Tech in his session highlighted the importance of giving project based assignments and shared some of the assignments done by the students. **Dr. R. Jaya**, Associate Professor of English in her session emphasized on the need to bring in global problems for discussion in Engineering classrooms and encourage students to find solutions.

The Principal, Dean SA, HoDs, Head of various Cells and Committees in their address familiarised the participants the practices of the college. **Dr. Deepa Jose**, Head – Research spoke on the Research Policies of the college, **Ms. Brindha Sakthi,** AP-EEE on IPR activities, **Dr. Amrutha,** Assoc. Prof. on Blended Learning Practices, **Mr. Issac Gerald**, CHRO on HR Policies, **Mr. Sadasivam,** AP-ECE on Accreditation related documents and **Ms. Revathy**, Students' Counsellor on Mentoring Techniques. A cultural programme by students was also organised as a part of the event.

Sanmar Fresh Employees Training Programme

A training programme for fresh employees of **Sanmar** was conducted by the Department of Mechanical Engineering from 25th July to 23rd August 2022. A total of 27 trainees attended the 20-day training programme.

Entrepreneurship Skill Development Programmes

IEDC of the college organised various programmes in collaboration with engineering departments to inculcate the spirit of entrepreneurship among students.

Two-Wheeler Service Hands-on Training in association with Department of Automobile Engineering was organised from 1st to 6th August 2022.

8th Edition of Voice of the start - ups on "**Lean Startup and Minimum Viable Product**" on 10th August 2022 with **Mr. Gowri Shankar Sivabala,** Founder and Director, Space NXT Labs (Pvt) Ltd. as the resource person.
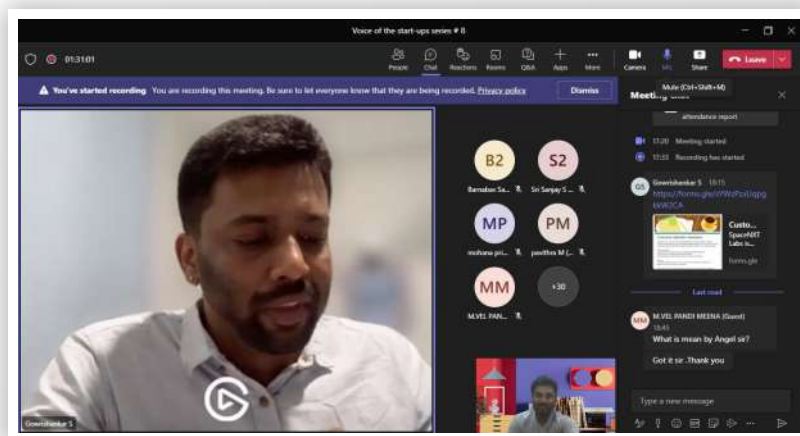
Seminar on **"Conversion of Ideas to Patents"** in association with Department of Computer Science and Engineering by **Ms. Preethi Narayanan,** Patent Agent on 18th August 2022.

- A session on **"Innovation and Entrepreneurship as a Career Opportunity"** was conducted for students on 16th August 2022. **Dr. R. Lakshmipathy,** IIC Convenor and Innovation Ambassador, was the resource person.

- A session on **"Entrepreneurship Awareness"** was conducted for students on 16th August 2022. **Dr. Mohamed Zakriya**, Innovation Ambassador and Start-up Coordinator, was the resource person.

- Seminar on **"Patent Search"** was organised in association with Department of CSE on 18th August 2022. **Ms. Brinda Shakthi,** IPR Cell Co-ordinator and Innovation Ambassador, was the resource person.

- Seminar on **"Entrepreneurship Skill Development"** was organised in association with Department of CSE on 18th August 2022. **Dr. Mohamed Zakriya**, Innovation Ambassador and Start-up Coordinator, was the resource person.

- Seminar on **"Business Model Canvas"** was organised in association with Department of CSE on 18th August 2022. **Dr. R. Lakshmipathy,** IIC Convenor and Innovation Ambassador, was the resource person.

- **"IPR for Beginners"** for first-year students was organised on 24th August. **Ms. Brindha Sakthi,** IPR Coordinator and Innovation Ambassador, was the resource person.

- **"I&E Opportunities for Beginners"** for students was organised on 24th August 2022. **Mr. S. Sadasivam,** Innovation Ambassador, was the resource person.

Webinar on **"Demo Day of Start-Ups"** was organised on 27th August 2022. **Mr. Hariharan**, Space Zee, **Mr. Mathisharma**, Vayuratha and **Mr. Ajith Kannan**, Sand Bird were the resource persons.

- Webinar on **"Startup Ecosystem Enablers"** was organised in association with Department of Automobile Engineering on 29th August 2022. **Mr. Selva Kumar,** EDII, Guindy, Chennai was the resource person.

- Seminar on **"Entrepreneurship & Innovation Awareness"** was organised in association with Department of IT on 30th August 2022. **Dr. M. Nagamalar,** Assistant Professor, PG Department of HRM, SDNB Vaishnav College for women, Chrompet, Chennai was the resource person.

- Seminar on **"IPR & Patent Search"** was organised in association with Department of IT on 30th August 2022. **Ms. Brindha Sakthi,** IPR Coordinator and Innovation Ambassador, was the resource person.

- Seminar on **"Innovation & Design Thinking"** was organised in association with Department of IT on 30th August 2022. **Dr. Jose Anand,** Innovation Activity Co-ordinator and Innovation Ambassador was the resource person.

- Seminar on Entrepreneurship Skill Development was organised in association with Department of IT on 30th August 2022. **Dr. Mohamed Zakriya**, Innovation Ambassador and Start-up Coordinator was the resource person.

Webinars- Career Opportunities in Civil and Mechanical Engineering

Department of Civil Engineering conducted a webinar on **"Apt Choice for an Aspiring Engineer"** on 5th August 2022. **Dr. M. Sekar,** Honorary Professor, Anna University enlightened the audience.

Mr. Agasthya Raghavan, an alumnus of the Department of Mechanical Engineering (Batch 2018) and currently an R&D Engineer at Halliburton, Singapore, delivered an insightful talk on the Bright opportunities for Mechanical Engineers on 20th August 2022.

Engineering Excellence Connect (Techpubs) Program

Department of Aeronautical and Aerospace Engineering organised Engineering Excellence Connect (Techpubs) Program on 8th August 2022. **Mr. Athmanathan T R**, Director, Academy CoE Head, Cagemini and **Mr. Rajendran R**, Senior Manager, EEC Program Champion, KCG, Capgemini were the guests.

Webinar on Certification for Aircrafts

The Department of Aeronautical & Aerospace Engineering organized a webinar on **"Certification for Aircrafts"** on 22nd August 2022. **Ms. Ramya Rajendran,** Design Assurance Engineer, Collins Aerospace, UK was the speaker.

Orientation Program on Tamil Nadu Engineering Admissions (TNEA) Counselling Process

KCG College of Technology organized an Orientation Program on **Tamil Nadu Engineering Admissions (TNEA) Counselling Process: Tapping the Right Choice for Career Building** with distinguished Keynote Speaker **Prof. Dr. P. V. Navaneethakrishnan,** Former Director, Entrance Examinations & Admission, Anna University, Chennai on 24th August, 2022.

Seminar on Overcoming Challenges - Human & Technical

The Centre for Transformational Leadership conducted a seminar on Overcoming Challenges-Human & Technical, led by the guest speaker **Mr. Ram Srinivasan,** Co-Founder, ZASTI on 27th August 2022.

Empowering the YOUth: Forging Leadership in Technology

Series 2 of Empowering the YOUth was conducted on 27th August 2022, with **Ms. Ashima Purohit,** Director of Engineering, Fresh Works addressing the students on the topic **"Forging Leadership in Technology".**

Workshop on Selenium

Women's Coding Club organised a Hands-on Workshop on **Selenium Testing tool - one of the most renowned open - source test automation frameworks** on 27th August 2022. **Ms. Lydia Pandian,** Software Testing Engineer, Issquared Pvt. Ltd was the resource person.

Workshop on Assessment of Four Language Skills

Office of Student affairs & International Services organised a **Workshop on Assessment of Four Language Skills** on 27th August 2022. Students interested in pursuing higher studies abroad attended the programme. Officials from Azent Overseas Education explained the students the IELTS enrolment procedure and test pattern. Mock Test on IELTS was conducted which enabled the students to assess themselves.

Celebrating Excellence: Smart India Hackathon 2022

"An exceptional achievement on The National Stage"

Team - REDWING

Team - IMMERSIVE TECHIES

Team - EAST INDIA COMPANY

Team - SPARKLE FIDDLE

Four student teams have won a cash prize of Rs.1,00,000 each for their projects demonstrated in the nationwide event, **Smart India Hackathon 2022.** They emerged victorious out of the 2000+ teams participated in the event.

I- Dapt Hub Pitch Challenge

Our student team has won 2nd runner up position with a cash prize of Rs. 10,000. in the **I- DAPT HUB PITCH CHALLENGE** competition conducted by **IIT VARANASI** under the theme Telecommunication.

SUPRA SAEINDIA 2022

Our student team is ranked 1st in TN and 10th at All India in the **SUPRA SAEINDIA 2022**.

ISNEE Go Kart Design Challenge (GKDC) 2022

Our student team is ranked 1st in Tamil Nadu and 5th in India at the prestigious
ISNEE Go Kart Design Challenge (GKDC) 2022.

Technology Infusion Grand Challenge '22

Technology Infusion

GRAND CHALLENGE'22

Conducted by La Trobe University

Congratulations

AEGISTEC - Mothers Care Shield
AUD $750

Doreen Belinta A
Kavipriya M
Kavya T
3rd Year - ECE

Inbuild Ingenious Driving System
AUD $250

| **Samson A J** | **Yokesh Krishnan** |
| **Yokesh Balan R** | **Sandeep M N** |

3rd Year - IT

Karthikeyan Y 4th Year - Auto

Fabrication of Electric Wheel Chair for COPD Patients & Handicapped People
AUD $500

Vishnu P D
4th Year - Auto

Madhi Mohammed
3rd Year - Auto

Narendran M
Mariya Johnson
4th Year - ECE

Balaji R
3rd Year - Mect

Three teams from KCG Tech won cash awards for their projects in the Infusion Grand Challenge '22 conducted by La Trobe University.

PG Enrollment- All India Ranking

Congratulations

Mr. Surya Barath (Batch 2018- 2022 of Fashion Technology), the best outgoing student, has secured All India Rank 4 in National Institute of Design M.Des. Universal Design and All India Category Rank 9 in NIFT Masters in Fashion Management.

Student Internship Offers

Congratulations

to our Civil Engineering Graduates for Successfully Completing
Professional Internship Training Program

Excellence

Civil Engineering students have successfully completed Professional Internship
Programs at several prestigious construction and infrastructure organizations.

Congratulations!

to our Automobile Engineering Students for Successfully Completing Technical Intern Training Program

Students of Department of Automobile Engineering have successfully completed Technical
Intern Training Programs at several prestigious organizations in the automobile sector.

Congratulations

to our **School of Fashion Technology** students for getting paid internship Rs.12000/- per month offer from **R3N Ventures Pvt Ltd.** Chennai

R3N VENTURES PVT LTD

C. Jeevitha
IV - B.Tech

Y. Jwala Venkata Mahalaksmi
III - B.Tech

S. Pavithra
III - B.Tech

B. K. Eswar
III - B.Tech

P. Bindu
III - B.Tech

ANANDRAO V. PATIL, I.A.S.,
PRINCIPAL SECRETARY TO GOVERNOR

GOVERNOR'S SECRETARIAT
RAJ BHAVAN, TAMILNADU
CHENNAI - 600 022.
Telephone : 044 - 2235 1313
Fax : 044 - 2235 0570
E-mail : govsec@nic.in

Letter No.16 / U1 / 2022, dated 16.08.2022

To
Dr. N. Premkumar,
Head & Director,
Department of Physical Education,
KCG College of Technology,
Karapakkam,
Chennai – 600 097.

Sir,

Sub: **Tamil Nadu Physical Education and Sports University,
Chennai** – Nomination of Members to the Planning Board
by the Hon'ble Governor-Chancellor – Intimated.

*****

I am happy to inform that the Hon'ble Governor-Chancellor has nominated you as a Member of the Planning Board of the Tamil Nadu Physical Education and Sports University, Chennai, under Section 28 (2)(ii) and (3) of the Tamil Nadu Physical Education and Sports University Act, 2004, for a period of three years with effect from the date of issue of this letter.

Heartiest congratulations and Best wishes.

Yours truly,

Principal Secretary to Governor

Faculty Accolade - Member of the Planning Board of the Tamil Nadu Physical Education and Sports University

Dr. N. Prem Kumar, Head & Director, Department of Physical Education, KCG Tech has been nominated as a Member of the Planning Board of the Tamil Nadu Physical Education and Sports University, Chennai for a period of 3 years by Hon'ble Governor, Chancellor.

Faculty Publications
SCI Publications / Annexure I

S.No.	Authors	Journal Name	Article Title	Impact Factor	ISSN	Indexing
1	**Dr. Deiva Sundari, Ms. Brindha Sakthi**	International Journal of Energy Research, Wiley	Design of coil parameters for inductive type wireless power transfer system in electric vehicles	5.164	1099 - 114X	SCI, Anna University Annexure 1, WoS, Scopus, Q1 Journal
2	**Dr.V.Vandhana Devi, Dr. R. Lakshmipathy**	Adsorption Science and Technology, Hindawi	Garlic Peel Surface Modification and Fixed-Bed Column Investigations towards Crystal Violet Dye	4.372	0263 - 6174	SCI, Anna University Annexure 1, WoS, Scopus, Q2 Journal
3	**Dr. Dhanalakshmi R**	Computer Systems Science & Engineering, Tech Science Press	Multi-attribute Group Decision-making Based on Hesitant Bipolar-valued Fuzzy Information and Social Network	4.397	0267-6192	SCI, Anna University Annexure 1, WoS, Scopus, Q3 Journal
4	**Dr. V. Dillibabu**	International Scientific Journal - Thermal Science	Investigation of Gasification Reactions and H2/Co Ratio Analysis for Rice Husk Air Gasification Simulation	1.971	2534 - 997X	SCI, Anna University Annexure 1, WoS, Scopus, Q3 Journal
5	**Dr. V. Dillibabu**	International Scientific Journal - Thermal Science.	Investigation of Biomass Gasification Simulation Using Air, Steam and Oxygen as Gasifying Agent"	1.971	2534 - 997X	SCI, Anna University Annexure 1, WoS, Scopus, Q3 Journal

Director and CEO, **Dr. Anand Jacob's** article in Knowledge Review

KCG College of Technology

Transforming Pedagogies and Technology
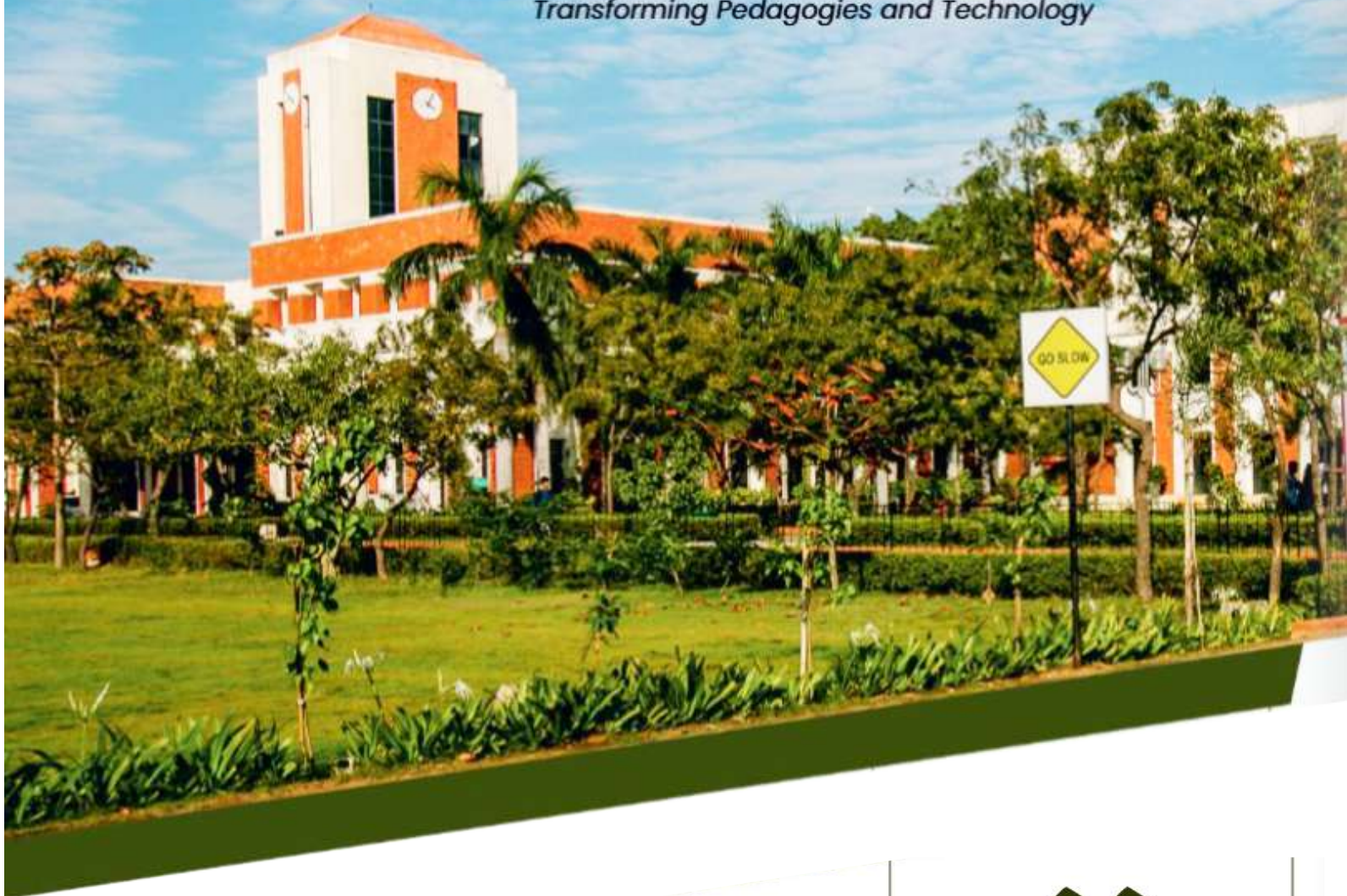
Engineering and Technology education has been continuously making significant strides of progress ever since it found a special place in the Indian higher education ecosystem. Today, while numerous institutes across the country are offering Engineering and technological programmes, **KCG College of Technology,** a unit of **Hindustan Group of Institutions,** in addition to imparting Engineering excellence focuses on developing the overall personality of the students.

With immense pride and admiration, *The Knowledge Review* caught up with the **Director** and **CEO** of the **Hindustan Group of Institutions**, **Dr Anand Jacob Verghese**, to trace the institution's pathway to success.

Genesis of the College
KCG College of Technology founded in 1998 by Dr KCG Verghese, is a Christian minority institution affiliated to Anna University, Chennai, approved

> KCG College of Technology aspires to become a globally recognised centre of excellence for science, technology and engineering education.

by All India Council for Technical Education (AICTE), New Delhi and accredited by National Assessment and Accreditation Council (NAAC) with A+ Grade The campus is beautifully placed in a lush green stretch of 50 acre land with a built-up area of 4 lakh sq. feet at Karapakkam, which is about 10 km from Adyar on the Old Mahabalipuram Road (Rajiv Gandhi Salai), the IT corridor of Chennai.

Back in the 1960s, the Founder-Chairman, Dr KCG Verghese, felt the need for an institution that offers non-formal technical education to the youth of this country and set up the Hindustan Engineering Training Centre (HETC) in Chennai. Born in an ordinary middle-class family in Kerala, Dr KCG Verghese succeeded against all odds through his hard work and rose to as one of the top-ranking educationists. He was an engineer by profession, and his ambition to become a pioneer in promoting technical education in our country resulted in establishing the Hindustan Group of Institutions in 1996.

Today, the Hindustan Group has unified several institutions under the Founder's vision of imparting quality education in the fields of Aviation, Engineering, Applied sciences, and Management. KCG Tech is a unique institution under the group with an ideal infrastructure and commitment to promoting quality teaching-learning, making Hindustan Group a force to reckon with within the education industry. KCG Tech strives towards realising the vision of the founder chairman Dr KCG Verghese, *"To Make Every Man a Success and No Man a Failure."*

Value Construct- the KCG Tech Way
KCG College of Technology aspires to become a globally recognised centre of Excellence for Science, Technology and Engineering education, committed to quality teaching, learning and research while ensuring every student a unique educational experience which will promote leadership, job creation, social commitment and service to nation-building.

KCG Tech aims to disseminate knowledge in a rigorous and intellectually stimulating environment by:
* Facilitating socially responsive research, innovation and entrepreneurship.
* Fostering holistic development and professional competency.
* Nurturing the virtue of service and an ethical value system in the young minds.

It is committed to its vision and mission of adhering to the highest standards of ethical values and moral principles to achieve excellence. The institute also believes in working in collaborative groups and making every staff and student have a sense of belonging to build relations with their stakeholders through honesty and trust.

Stellar Leadership: Dr Anand Jacob Verghese
Dr Anand Jacob Verghese, Director and CEO of the Hindustan Group of Institutions based in Chennai, has completed BS in Engineering Management from the American International University, London in 1993 and MBA from Huron University, London, in the subsequent year. Recognising his contribution to research and development, he was conferred Honorary Doctorate by the world-renowned Dongguk University, Seoul, South Korea.

After the sudden demise of the founder Dr KCG Verghese in 2006, Dr Anand Jacob Verghese formally took charge of the administration of Hindustan Group of Institutions, under the guidance of the Chairperson, Dr Elizabeth Verghese. Since then he has been actively involved in the overall administration and development activities of the Group of Institutions and instrumental in gaining prominent position among the institutions, providing technical training and education.

Under his leadership, UGC granted Hindustan College of Engineering the University status in 2008. Since then, keeping pace with the advancement in global industries, non-conventional and integrated programmes in engineering and technical education has been introduced. The group has also established three international schools in Chennai providing access to primary education.

Dr Anand Jacob Verghese aims to develop significant international alliances for academic and research collaboration for the benefit of students. With a specific thrust towards enabling research and innovation, he has been instrumental in forging several significant collaborative agreements with reputed research-led educational institutions worldwide to provide students with global exposure and learning opportunities.

With the motto of *'Transforming pedagogies and technology'*, Dr Anand Jacob Verghese's views reflect the need for every student and teacher to be updated with modern trends to climb the ladder of success. He encourages the teachers of his institutions to adopt and adapt teaching methods and tools that promote student engagement in and beyond classroom.

> We prepare our young learners to become job creators than job seekers. We inculcate the spirit of innovation and entrepreneurship through Innovation and Entrepreneurship Cells.

Dr. Anand Jacob Verghese
Director and CEO, Hindustan Group of Institutions

Dr Anand Jacob Verghese has been recognised for his contribution to Indian education and has been awarded with numerous titles. Some of them are mentioned below:

- **'Bharat Ratna Rajiv Gandhi Makkal Thalaivar Moopanar Award'** from Mr.G.K.Vasan, Hon'ble Minister for Statistics & Programme Implementation, Govt. of India.
- **'Edupreneur Award'** from the Times Group for his exemplary commitment and impactful positive contribution to education in Tamil Nadu .
- **'Aviation Edupreneur'** Award during the National Science Day Celebration at the Russian Centre of Culture & Science.
- **'IET Ratna Award'**, the highest award from IET, Chennai Local Network, for his commendable contributions in the field of Engineering Education.
- **MGR Ratna Award** for his contribution towards fulfilling the vision of Dr MG Ramachandran, the former Chief Minister of Tamil Nadu.
- Vice- President, Aeronautical Society of India.
- Area President- India Area, Y's Men International.

The Transcendence of KCG

Engineering colleges, in general focus more on enabling students to achieve ranks and enhance their pass percentage, while KCG College of

Technology proves different by focusing on imparting holistic education, which would create engineering leaders for the future.

KCG College of Technology has a clear and far-sighted vision and adopts strategies that help learners to keep up with the changing times. The top leadership of KCG Tech believes that investing in youth is investing in future and therefore the college works towards producing quality engineers meeting industry requirements and global standards. It invites experts from industries, institutions, notable alumni from India and abroad to conduct workshops and give lectures in seminars, webinars and conferences and enable students to up skill themselves. It hosts project competitions like Hackathon, Ideathon and innovation challenge to encourage students carry out engineering projects addressing societal problems. The Office of International Affairs of the college in stills confidence in students motivates and guides them to approach foreign universities for higher education, take up internships and carry out research projects. It is worth mentioning that KCG College of Technology is the only engineering college in Tamil Nadu with a dedicated and exclusive office to look after International Affairs on their campus.

Through Higher Education Cell, the faculty guides students willing to pursue higher education in India and abroad in their preparation for IELTS, TOEFL, GMAT, GRE and GATE. The Office of Students Affairs provides guidance and support for student well-being and the full time student counsellor helps and guides students with personal and academic challenges.

The 15 clubs (7 technical clubs and 8 non-technical clubs) that are currently active on campus hone the skills and knowledge of the students enabling them to participate in the competitions conducted by the college and other institutions/organisations. The NSS, NCC, Rotaract Club, Toastmasters Club, Engineers without Borders, IEDC cultivate the spirit of service, leadership, innovation and entrepreneurship among students. We have a Centre for Transformational Leadership (CTL) to create strong, realistic and visionary leaders.

While speaking about the efficiency and this visionary outlook, Dr Anand Jacob Verghese asserts, *"We prepare our young learners to become job creators than job seekers. We inculcate the spirit of innovation and entrepreneurship through Innovation and Entrepreneurship Cells (i-cell and e-cell). We are the first college, under Anna University, to launch Government-funded Technology Business Incubator (TBI)."*

The college has also signed MoU with foreign universities and organisations facilitating exchange programmes, research opportunities, and conducting foreign language classes like German, Korean, and Russian.

The institute encourages its current students and its alumni to pursue entrepreneurship. The management has approved a pre-seed grant of Rs.10 lakhs for alumni start-ups. Recently it organised *'Pitch Fest- Lift Off 21'* in which a total of seven teams, two student teams from final year and five alumni teams, presented their business ideas.

The institute maintains a good rapport with the core companies and IT products/services. It has signed MoUs with more than 70 industries to improve placement opportunities for the students.

The college also has 14 Centers of Excellence (COE) as Industry-Institute partnership initiatives. Industry-Institute interaction of this kind helps to identify the gaps in the curriculum offered by the affiliating university, design an industry-linked curriculum accordingly and deliver content beyond the curriculum.

Outlook for the future

While speaking about the college's enthusiastic future plans, Dr Anand Jacob Verghese informs, *"The College is planning to introduce unconventional courses that are yet to become popular, systematising further the scheme of assessment and evaluation, collaborating with foreign universities, and introducing one-or-two-semester-abroad programmes."* He strongly advocated blended learning to online and face-to-face learning and said *"The learning outcome in a hybrid classroom has been the highest."* *"It is very important to discover how to learn using all available communication channels and choose the ones that best suit learning,"* he added.

Awards and Accreditations

- Accredited with a score of A+ by NAAC
- Four Programmes (CSE, ECE, IT, MECH) accredited by NBA
- Ranked in the band of 201–250 by National Institutional Ranking Framework (NIRF 2021)
- Ranked in Band Excellent by ARIIA (ATAL Ranking of Institution on Innovation Achievements) 2021
- Top 10 Indian applicants for Patents from Industries and Universities by Intellectual Property India
- KCG– Team Vikranti was the winner of AICTE Lilavati Award 2022 for Women Empowerment under the sub theme Self Defense.
- AICTE– Chhatra Vishwakarma Award– second runner up and a cash award – for the student team, Marvelous Maniacs, for the project "Safety Taser– Gender Responsive Mechanism to Combat Domestic Violence"
- Awarded Best PALS Partner Institute 2022
- "Legacy of Women Leaders and Women of Impact Award 2021" by IIT-Madras Alumni Association to Dr. Annie Jacob, Director-KCG College of Technology. Dr Annie Jacob was also recognized as one of the Femina Icons of the South 2021–2022 by Femina Magazine.
- KCG–EEE & KCG –Civil are the winners of the AICTE–CII award for the Industry Linked Institutes 2020.
- KCG–Electronics and Allied category won AICTE–CII award for the best Industry Linked Institutes 2019.
- KCG was the Hatrick winner of AICTE-MHRD Smart India Hackathon (2017, 18 and 19).
- Ranked 11th in the India's Digital Index Award, 19th in the India's Top T Schools and 22nd in the India's Employability Index by Data Quest 2022
- Ranked in the category of AAA+ among the India's Best Engineering Colleges by Career's 360 in 2022
- 62 Anna University Ranks since 2015
- Most Innovative Technology College in Tamil Nadu by Top Gallant Media 2021
- Selected by MIC/AICTE as a centre to host, Toycathon, an event conducted by Govt. of India to promote indigenous toy industry. We were one of the 7 centers that had the privilege of hosting an interactive session with the Honourable Prime Minister of India Shri Narendra Modiji
- The Emerging College for Fashion Technology studies by Fashion Business Awards 2021
- Ranked 51 across India and positioned in the A5 Band : Institution of Academic Excellence by OBE Ranking 2021
- Awarded the Indian Achiever's award 2021 for Excellence in Education by the Indian Achiever's Forum
- Best in Industry-Academia Interface 2021 in 7th Global Education and Skill Summit Leadership Award
- Ranked No. 1 amongst the Anna University Affiliated Non-Autonomous Colleges (Tamil Nadu) In India Today Ranking 2021
- Ranked 13th in Chennai based on Highest Placements in top MNCs by Aspiring Minds 2021

Engg counselling: Pay fees in 7 days or you will lose the seat

Ragu.Raman@timesgroup.com

From this year, engineering aspirants will have to pay fees within seven days of being allotted a seat through online counselling, failing which the seat would be considered vacant and re-allotted to another student. This is part of the new rules being implemented by the Tamil Nadu Engineering Admissions (TNEA) committee from this academic year to reduce waste of seats in top colleges.

Students who choose the 'accept and upward' option, too, must pay fees within seven days, at any of the 116 TNEA Facilitation Centres (TFCs) across the state. This option is for students who want to be considered for an auto upgradation, provided seats are left unoccupied in higher-ranking colleges. Due to these changes, the total duration of online counselling has increased from five weeks to eight weeks.

The move, by eliminating vacancies, will help students get admissions in better colleges. It will also help avoid wastage of seats and, thereby, improve ranking of the university, say experts. Last year, 631 of 2,240 seats in four campuses of Anna University were unoccupied – 419 students did not report, and 212 students left to pursue medicine.

With this in view, the engineering counselling has been

TNEA 2022-23

postponed this year. As per the new schedule, it will be conducted from August 25 to October 21 – after the NEET results are declared. These measures are being taken because high levels of vacant seats can affect a university's ranking, said officials. Across colleges, close to 20,000 seats remained vacant last academic year as students who get allotment
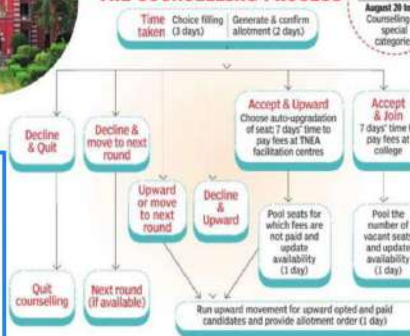
It also denies opportunities for deserving candidates to get high-quality engineering education at subsidised cost. "Of 78,490 students who have joined engineering colleges through counselling (last academic year), more than 50% are first generation graduates and government school students, who are eligible for a tuition fee waiver," says Director of Technical Education G Laxmi Priya.

Colleges have welcomed the new changes. "NITs and IITs are also following a similar admission process. The move will reduce lapse of seats," says V E Annamalai, principal of SSN College of Engineering. "Till last year, even students who get a seat in the first round join only by the time the third or fourth round start. Now, they will have to join within a week. We have to ensure that students and parents are aware of the changes," says P Deiva Sundari, principal of KCG College of Technology.

ents and students will now have to mobilise funds to pay the fees within seven days of getting a seat. If they are relying on bank loans, securing it will be difficult in such a short span. Director of Technical Education G Laxmi Priya says the authorities are in talks with banks to help parents overcome this difficulty.

THE COUNSELLING PROCESS

| Time taken | Choice filling (3 days) | Generate & confirm allotment (2 days) |

August 25 to October 21: General online counselling

August 20 to 23: Counselling for special categories

- Decline & Quit
- Decline & move to next round
- Accept & Upward — Choose auto-upgradation of seat; 7 days' time to pay fees at TNEA facilitation centres
- Accept & Join — 7 days' time to pay fees at college
- Upward or move to next round
- Decline & Upward
- Pool seats for which fees are not paid and update availability (1 day)
- Pool the number of vacant seats and update availability (1 day)
- Quit counselling
- Next round (if available)
- Run upward movement for upward opted and paid candidates and provide allotment order (1 day)

1.5 lakh seats available for counselling

2.1 lakh students have applied

1.7 lakh eligible applicants

430 engineering colleges come under counselling

8 weeks of counselling instead of 5 weeks due to the new process (Approximate figures)

> To avoid confusion among students and colleges, the TNEA will issue the allotment orders with the amount to be paid
> **T Purushothaman, TNEA SECRETARY**

> NITs and IITs are also following a similar admission process. The move will prevent wastage of seats in engineering colleges
> **V E Annamalai, PRINCIPAL, SSN COLLEGE**

Understanding the difference between Fashion Designing and Fashion Technology

From visualising to manufacturing fashion products, the Fashion Design discipline offers dynamic opportunities

c-Nafisa.Khatoon
@timesgroup.com

As the fashion industry is constantly evolving, fashion designing aspirants should start a career in an allied fashion field as per their artistic bent of mind. However, there is also a need for the sharp application of technological skills for manufacturing fabrics.

Most aspirants have a perception that the fashion industry offers only one job role, which is of the fashion designer. However, there is more to it. The fashion industry has varied requirements and students have to keep the key differentiating points in mind while opting for Bachelors of Design (BDes) or Bachelors of Fashion Technology (BFTech).

P Deiva Sundari, principal, KCG College of Technology, says, "As fashion design is a multidimensional domain and communicates in the form of art, science, technology, students with different interests could be honed to opt for a variety of career opportunities. The urgent need is to teach students the versatility of the industry — from its evolution and the behavioural patterns of fashion, so they can keep track of its current trends. This will enable students to identify and design apparel or fashion products per

the societal norms and market requirements."

BDes Vs BFTech

Although both streams deal with fashion trends, Fashion Designing is about crafting new accessories, apparels or stitching a designer dress. It is also about developing visualisation skills for presenting the creative expression of a costume on paper and then converting it into real-life costume designs. Whereas, Fashion Technology is the technological aspect of textile fibres, yarns for producing quality fabric materials. Both courses lay importance on enhancing creativity and mapping fashion trends with textile production techniques, the basic fashion principles, among students.

"Fashion Designing is the input for Fashion Technology. Students of FDes courses are trained to craft designs, look and aesthetics for cloth pieces. On the contrary, Fashion Technology is specialised branch of mass manufacturing of garments. Focus is on quality check of fabric and dealing with constraint of industrial management," World University of Design, vice-chancellor, Sanjay Gupta explains.

Talking on the similarity of these two, Gupta adds, "The overlap of Fashion Designing and Fashion Technology, somehow helps students gain a complete overview of the industry. For excelling in a particular fashion segment, students must pursue to specialise in their desired field."

"Fashion design is all about

🎓 **COURSE CURSOR**

understanding the various garment designs, styles and fit that will suit a person as per their demographics, psychographics, lifestyle and functionality. On the other hand, Fashion Technology prepares the students to engineer large-scale manufacturing of garments. Students are also given hands-on experience on rapid prototyping technologies like 3D printing with which highly customisable products can be developed," adds Sundari.

Admission to top colleges

Class XII passed students from any stream, are eligible to apply for these courses. For enrolling in Fashion Technology, it is a must that students pass Physics, Chemistry, and Mathematics. The admission process involves clearing the entrance examination and subsequent personal interview. Students can apply for national-level Fashion Design competitive examinations, namely:
- National Institute of Fashion Technology (NIFT)
- National Institute of Design, Design Aptitude Test (NID DAT)
- Undergraduate Common Entrance Examination for Design (UCEED)
- Indian Institute of Crafts and Design (IICD)
- All India Entrance Examination for Design (AIED)

Students can appear for government university-level exam to study the course at their desired varsity. The list includes: National Institute of Design (NID) Ahmedabad, Utkal University of Culture (Bhubaneswar), State University of Performing and Visual Arts (Rohtak), Footwear Design and Development Institute (Noida, Patna). Besides these, some pioneer private colleges offering these courses are JD Institute of Fashion Technology and Pearl Academy in Delhi.

ആഘോഷമായി അറിവുത്സവം

തിരുവാൺമിയൂരിന് ജയം

75 Quiz
HINDUSTAN GROUP OF INSTITUTIONS, CHENNAI

- മലയാള മനോരമ ഇന്ത്യ @ 75 ക്വിസ് മത്സരവേദിയിൽ മിന്നും പ്രകടനങ്ങളുമായി മത്സരാർഥികൾ
- മലയാളം മിഷൻ പഠിതാക്കളായ ശ്രീയ ശ്രീജയ്, കനിഷ്ക് ഡി.നായർ സഖ്യത്തിന് ഒന്നാം സ്ഥാനം

ചെന്നൈ ● അറിവിന്റെ ആഘോഷമായി മാറിയ വേദിയിൽ ഇഞ്ചോടിഞ്ചു നടന്ന പ്രശ്നോത്തരത്തിൽ പോരാട്ടത്തിൽ മലയാള മിഷൻ തിരുവാൺമിയൂർ മേഖല ടീമിനു കിരീടം. സ്വാതന്ത്ര്യത്തിന്റെ 75-ാം വാർഷികത്തോട് അനുബന്ധിച്ച് മലയാള മനോരമ ഹിന്ദുസ്ഥാൻ ഗ്രൂപ്പ് ഓഫ് ഇൻസ്റ്റിറ്റ്യൂഷന്റെ സഹകരണത്തോടെ സംഘടിപ്പിച്ച ഇന്ത്യ @ 75 ക്വിസ് മത്സരവേദി പുതിയ അറിവുകൾ പകരുന്ന വേദി കൂടിയായി മാറി.

ശ്രീയ ശ്രീജയ്, കനിഷ്ക് ഡി.നായർ സഖ്യമാണു തിരുവാൺമിയൂർ മേഖലയ്ക്കു വേണ്ടി മത്സരിച്ച് ഒന്നാം സ്ഥാനം നേടിയത്. മലയാള മിഷൻ സെൻട്രൽ മേഖലയുടെ പി.സായി ശ്രുതി, ജെ.റചിത്ത സഖ്യം രണ്ടാം സ്ഥാനവും കേരള വിദ്യം ഹയർ സെക്കൻഡറി സ്കൂളിലെ നയന വാസുദേവ്, കെ.സാഹിൽ സഖ്യം മൂന്നാം സ്ഥാനവും നേടി.

ഒന്നാം സ്ഥാനത്തെത്തിയ ടീമിന് 15000 രൂപയും, പ്രശസ്തി പത്രവും, സർട്ടിഫിക്കറ്റും കൂട്ടായിരുന്നു സമ്മാനം.

രണ്ടും മൂന്നും സ്ഥാനത്തെത്തിയവർക്ക് യഥാക്രമം 10000, 7500 രൂപ വീതവും സമ്മാനമായി നൽകി. പ്രാഥമിക റൗണ്ടിനു ശേഷം തിരഞ്ഞെടുക്കപ്പെട്ട 6 ടീമുകളാണ് അന്തിമ പോരാട്ടത്തിനായി അണിനിരന്നത്.

എഇഎസ് റസീന മെട്രിക്കുലേഷൻ ഹയർ സെക്കൻഡറി സ്കൂൾ, കേരള വിദ്യാലയത്തിലെ രണ്ടാം ടീം, പെരമ്പൂർ zel യാള, മിഷൻ എന്നിവർ സമാശ്വാസ സമ്മാനവും ഏറ്റുവാങ്ങി.

ടൈറ്റൻ മത്സരങ്ങൾ നയിച്ച് അനുഭവപരിചയമുള്ള യുവ ക്വിസ് മാസ്റ്റർ അത്തുൽ നേതൃത്വം നൽകിയ മത്സരത്തിൽ 6 റൗണ്ടുകൾ വഴിയാണു മത്സരാർഥികളുടെ മികവു പരിശോധിച്ചത്.

ചരിത്രത്തോടനുബന്ധിച്ച ചിത്രങ്ങളും, ശബ്ദങ്ങളും, സൃഷ്ടിക്കപ്പെട്ടായ ബന്ധപ്പെട്ട ചോദ്യങ്ങളുൾപ്പെട്ടത് മത്സരത്തിൽ കൗതുകമായ മേൽക്കയ്യോടെയാണു തിരുവാൺമിയൂരിന്റെ വിജയം. സമാപന സമ്മേളനത്തിൽ മുൻ ല്യൊതിവികളായിരുന്ന മോഡലു. ടിവി താരവുമായ മാളവിക ജയറാം, കെസിജി കോളജ് ഓഫ് ടെക്നോളജി പ്രിൻസിപ്പൽ ഡോ. പി.ദൈവസുന്ദരി എന്നിവർ പേർന്ന വിജയികൾക്കു പുരസ്കാരങ്ങൾ കൈമാറി.

മലയാള മനോരമ ചീഫ് ജനറൽ മനേജർ മാനേജർ കെ.സി.സുരേഷ്, മാർക്കറ്റിങ് സീനിയർ മാനേജർ ജോൺസി സുധീർ ഏബ്രഹാം എന്നിവർ പ്രസംഗിച്ചു.

> ചരിത്രത്തെ ഇഷ്ടപ്പെട്ട് ചരിത്രം പഠിച്ച വിദ്യാർഥിയെന്ന നിലയിൽ ഇന്ത്യ @ 75 ക്വിസിൽ പങ്കെടുത്ത എല്ലാ കുട്ടികളെയും കാണു മ്പോൾ എനിക്ക് അഭിമാനം തോന്നുന്നു. ഏത ഉത്സവത്തോടെയും താൽപര്യത്തോടെയു മാണ് ഇത്തരം മത്സരങ്ങളിൽ അവർ പങ്കെടു ക്കുന്നതെന്നതും സന്തോഷകരമാണ്. ശരിക്കും ഞാനും ഇവരി ലൊരാളൊക്കെയായി. പക്ഷേ, ഇവർ പറഞ്ഞ വേഗത്തിലും മിടുക്കിലും ഉത്തരങ്ങൾ പറയാൻ പറ്റിയേക്കില്ല.
>
> ● **മാളവിക ജയറാം**

> ഇത്തരത്തിലുള്ള മത്സര ങ്ങളെ എന്നും പ്രോത്സാഹിപ്പ ണമെം. കുട്ടികളെ മത്സരക്ഷമ തയുള്ളവരാക്കാൻ ഇത്തരം പരിപാടികൾ സഹായിക്കും. ഇതേ നിലയിൽ കുട്ടികളെ ഉയർത്തിക്കൊണ്ടുവരുന്ന തരം വിദ്യാഭ്യാസ രംഖലയാണു ഹിന്ദുസ്ഥാൻ ഗ്രൂപ്പിനു കീഴിലുള്ള സ്ഥാപനങ്ങളും പിന്തുടരുന്നത്.
>
> ● **ഡോ.പി.ദൈവസുന്ദരി**

> ആദ്യമായാണ് ഇത്തരത്തി ലൊരു മത്സരത്തിൽ പങ്കെടു ക്കുന്നത്. എന്നാൽ, ഇവിടെ വന്ന് ചോദ്യങ്ങളെ നേരിട ശേഷം ആ പേടി മാറി. ഇത്തരം മത്സരങ്ങളിൽ ഇനി കൂടുതലായി പങ്കെടുക്കാൻ ശ്രമിക്കും. പക്ഷേ, ഇപ്പോഴത്തെതിലും കൂടുതൽ തയാറെടു ക്കുകൾ നടത്തണമെന്നും ഇനിത്തെ മത്സരത്തിൽ നിന്നു ബോധ്യമായി.
>
> ● **എ.ഐഷ്, എംഇഎസ് റസീന സ്കൂൾ**

മലയാള മനോരമ ഹിന്ദുസ്ഥാൻ ഗ്രൂപ്പ് ഓഫ് ഇൻസ്റ്റിറ്റ്യൂഷന്റെ സഹകരണത്തോടെ സംഘടിപ്പിച്ച ഇന്ത്യ @ 75 ക്വിസ് മത്സരത്തിലെ ജേതാക്കൾ ക്വിസ് മാസ്റ്റർ അത്തുൽ, ഡോ.പി.ദൈവസുന്ദരി, കെ.സി.സുരേഷ്, മാളവിക ജയറാം എന്നിവർക്കൊപ്പം.

Boom in sustainable fashion market increases job opportunities

Sustainability and circular economy fashion industry have shifted the training of students towards innovations

c-Nafisa.Khatoon
@timesgroup.com

The fashion industry is slowly inching toward sustainable fashion to reduce wastage and pollution. In the post-Covid phase, several brands such as H&M and Zara have adopted sustainable supply chain practices from the manufacturing of fibre to retailing to fill our closets with clothes that enjoy a healthy equation with the environment.

For maintaining carbon-neutrality in fashion wearables, course mandates in this regard have been adopted in several fashion designing institutes. The move will build a holistic understanding of the conception of fashion apparel and the way it is produced, among budding designers.

Relook at green modules

A good understanding of sustainable fashion is a must for students of fashion designing as this will enable them to execute the vision of sustainable design practice. Amandeep Singh Grover, director, NIFT, Panchkula, says, "Students will take leadership positions in the future fashion industry. It is a must for them to understand that sustainability is an essential part of the fashion industry at every level. They should be clear about their roles in terms of reviewing product life cycle, practical alternatives, design concepts, and eco-friendly design printing techniques."

Mentioning the need for sustainable innovation in fashion designing courses as a response to the problem of extensive resource depletion caused by the textiles sector, Risha Roy, assistant professor, Anant National University says, "Focus on the sustainability factor narrative in the course module is the need of the hour. It will prepare designers to bridge the ecological gap by empowering them with the tools to engage with the challenges of the future."

Novel dimensions of learning

To keep pace with the latest industry trend, college assignments and projects are designed to demonstrate the complex nature of sustainability and help students in informed decision-making. V Bhanu Rekha, head, School of Fashion Technology, KCG College of Technology, Chennai says, "Students are trained in both traditional handmade techniques of fabric printing and technologies which help in mechanizing and mass manufacturing. Besides this, they learn methods of identifying eco-friendly raw materials and processes to develop and engineer sustainable fashion products. They are also given hands-on experience on rapid prototyping technologies like 3D printing with which highly customisable products can be developed with zero waste."

"Process to manufacture handmade Khadi fabric, which is less power consuming and a very good job potential space for the cottage industry, is also taught to students," Rekha adds.

Amit Kumar Singh, joint-director, NIFT Delhi says, "In our futuristic pedagogy approach to fashion production consumption, students work on diverse areas like waste management, natural dyeing, zero waste pattern making, and sustainable design innovation among other things."

■ Students from KCG College of Technology, Chennai, learning sustainable fashion practices

Students from Fashion designing and management need to value sustainability goals and carbon neutrality while collecting raw materials and manufacturing products

KCG
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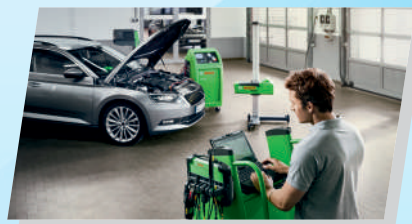

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