



KCG

COLLEGE OF TECHNOLOGY

A unit of Hindustan Group of Institutions



CAMPUS DIARY

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EDITORS' NOTE

Dear Reader

December, a month of Thanksgiving, as you get to review and analyse the year and take new resolutions towards the change.

This edition of the newsletter, honours the elevation of our leaders, recognises the achievements of our students and faculty, celebrates the birth of Christ.

Wish you all a Happy Reading!

EDITORS

Dr. R. Jaya

Associate Professor,
Department of English

Ms. Tephilla Joice P

Assistant Professor,
Department of Mathematics

www.kcgcollege.ac.in

Congratulations

Dr. Anand Jacob Verghese

on assuming office as

CHAIRMAN

of **HINDUSTAN** GROUP OF INSTITUTIONS

and **CHANCELLOR**

of **HINDUSTAN** INSTITUTE OF TECHNOLOGY & SCIENCE



Advisory Council Member - AUAP

Dr. Anand Jacob Verghese, Chairman, Hindustan Group of Institutions has been nominated as the Advisory Council Member for the Association of the Universities of Asia and the Pacific (AUAP). AUAP is a platform and voice of universities in Asia and the Pacific and around the world. AUAP is a Non-Governmental Organization (NGO), holding the highest formal consultative status with UNESCO.

Awards & Accolades



INSTITUTION'S INNOVATION COUNCIL

We are proud to announce that **KCG College of Technology- Institution's Innovation Council (IIC)** has been conferred the coveted 4-star rating by the Ministry of Education Innovation Cell (MIC) for the year 2021-22. This prestigious rating is the highest for any IIC across the country.

With state-of-the-art lab infrastructure, flexible curricula and a keen focus on innovation and collaborations with industry leaders, we offer our students an exciting opportunity to be at the forefront of the next technological revolution. We are honoured to receive this rating in recognition of our legacy of innovation, collaborative culture and educational excellence.



Dr. Deepa Jose, Head of Sponsored Research & Consultancy, has been awarded one among the 10 most Inspiring Women Leaders in Education in India 2022 by Trade Flog.

IET Chennai Local Network Achievement Awards 2022



Dr. Deepa Jose, Head of Sponsored Research & Consultancy has received Women Academic Practitioner Award 2022.



Malathy N, Final Year, Department of Information Technology has received Academic Excellence Award.



Mr. Surajnarayanan S, Final Year, Department of Automobile Engineering has received Excellent Innovator Award.



Karthikeyan Y, Final Year, Department of Automobile Engineering, **Kumaran E & Sudarshan K**, Second Year, Department of Artificial Engineering and Datascience have received Consistent Teamwork Award.



Nishanth Dev, Navaneeth Krishna and Shiek Mohammed of Second Year, Department of Computer Science & Engineering have won FIRST PRIZE in a Hackathon organized by Jeppiaar Institute of Technology.



Shri Hari R and Sahil Bakker of Final Year, Department of Aeronautical Engineering have won First Prize in Desvity Fusion 360 Design Challenge - Invente 22 organised by Bio-Med Department at SSN. They were awarded with certificates and prize money of Rs. 3000

Sports Achievements



Sam Jeba Kumar of Second Year, Aeronautical Engineering has won the Gold Medal in 100 meters at the Anna University Zonal Athletics Championship.

Syed Mohammad of Second Year, Automobile Engineering has won the third place in 110 meters hurdles at Anna University Zonal Athletics Championship.

Lokesh of Second Year, Mechanical Engineering has won the third place Javelin Throw at Anna University Zonal athletics Championship.

S Vijay of Third Year, Electrical & Electronics Engineering has won the Silver Medal for Tamil Nadu in All India Inter Zonal Karate Championship held at New Delhi on 2nd December 2022.

Geethapriya of First Year, Mechanical Engineering has won the Gold Medal in Anna University Inter Zonal Boxing Championship held at Pavai Engineering College, Namakkal on 8th & 9th December 2022.

Neethrashree of Second Year, School of Fashion Technology has won the Silver Medal in Anna University Inter Zonal Boxing Championship held at Pavai Engineering College, Namakkal on 8th & 9th December 2022.

Tamilselvan of Third Year, Civil Engineering has won the Gold Medal in Anna University Inter Zonal Boxing Championship held at Pavai Engineering College, Namakkal on 8th & 9th December 2022.

Bhuvi Niranjan of First Year, Electronics and Communication Engineering has won the Anna University Inter Zonal Archery Tournament held at S A Engineering College Avadi on 12th December

2022. He will be representing Anna University at All India University Tournament.

Gynanavarshni of Second Year, Electronics and Communication Engineering won the Anna University Inter Zonal Tekwondo championship held at Government Engineering College, Bargur. She has also qualified to represent Anna University at All India University Tekwondo Championship.

Hariharan, of Fourth Year, Civil Engineering has been selected for Anna University in football. He will be representing Anna University in South Zone Inter University at Calicut from 21st December 2022.

Dileep Reddy, Second Year, Aeronautical Engineering has been selected to represent for Andhra Pradesh in the Senior Football Nationals Santosh trophy.



Mohitha of Second Year, Aeronautical Engineering won the 4th place at Junior Nationals Snooker Championship held at Indore and also qualified to attend international selection camp.



S.Vijay of Third Year, Electrical & Electronics Engineering has won the Gold Medal in Anna University inter Zonal Karate championship held at Kumaraguru College of Technology, Coimbatore from 23rd to 25th December 2022. He is also qualified to represent Anna University in the All India Inter University Karate Championship to be held at Meerut.

Jayashree of Third Year, Aeronautical Engineering has won the Bronze Medal in Anna University inter Zonal Karate Championship held at Kumaraguru College of Technology, Coimbatore from 23rd to 25th December 2022.



Memorandum of Understanding



Department of EEE, KCG Tech signed MOU with **M/S. ELENTech ENGINEERING SERVICES PVT.LTD.** Chennai, India on 13th December, 2022. Elentech provides customer focused end-to-end solutions in engineering services encompassing industrial and utility projects in the fields of electrical Design, Testing and Commissioning of substation projects in India and abroad. The scope of the collaboration is to have academic, research, engineering and technical consultancy interaction along with KCG College of Technology.



Department of EEE, KCG Tech signed MOU **M/S.INEL POWER SYSTEM ENGINEERS (P) LTD.** Chennai, India on 15th December, 2022. INEL provides Engineering Services like Testing, Commissioning, Preventive Maintenance, Operation & Maintenance, Refurbishment & Modernization and Troubleshooting Services in the field of Electrical Power. The scope of the collaboration is to have academic, research, engineering and technical consultancy interaction along with KCG College of Technology.

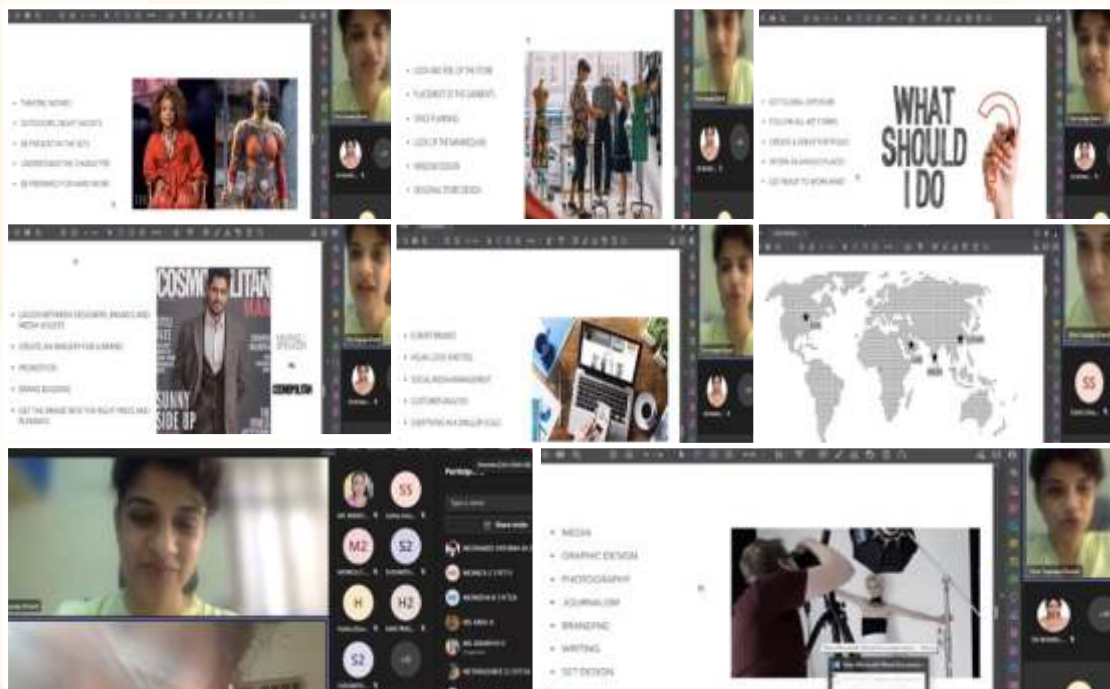
Educational Sessions

Mental Health Workshop



KCG College of Technology in association with the Y's Service Club of Chennai organized a Mental Health workshop providing counselling for school students at the Government Higher Secondary School, Karapakkam on 1st December 2022.

Expert Talk - Career Options in the Fashion Industry



KCG College of Technology in association with Aspire for Her organized an expert talk with Creative Director **Ms. Vino Supraja** on career options in the fashion industry on 3rd December, 2022. **Ms. Vino Supraja** shared a plethora of career opportunities for those aspiring to succeed in the exciting and dynamic world of fashion. It was indeed an enlightening and informative session for our students.

Indian Racing League



Students from the Departments of Mechanical Engineering & Automobile Engineering had the incredible opportunity to attend the Indian Racing League on 3rd & 4th December 2022 at the Madras International Circuit in Chennai! Featuring 24 acclaimed drivers, 7 top-tier teams and some of the most sophisticated, powerful and futuristic automobiles in the world, the Indian Racing League 2022 is the premier national racing event of the year.



Department of Computer Science & Engineering conducted a seminar on Blockchain Awareness on 19th December 2022. **Mr. Vinay D**, Founder, Konma, **Ms. Advitha**, Co - Founder, Konma, **Mr. Sangeeth**, Konma Labz and **Mr. Sathya**, Konma - Flair were the resource persons.

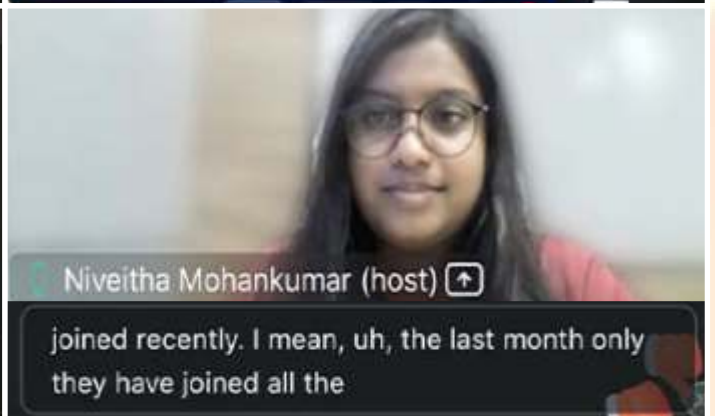


A 2 - Day Fusion Training Program was conducted for the third year students of Mechatronics Engineering on 22nd and 23rd December 2022. **Mr. Dhanush**, Final Year, Department of Mechatronics Engineering enlightened the students about the software from basics to advanced level.



Department of Aeronautical and Aerospace
Engineering received two models
1 - Vikas Engine. 2 - GSLV MK -III

Matlab Student Orientation



The MATLAB Student Orientation 2022 took place on 29th December, 2022. Senior experts from **MathWorks** guided students through a variety of crucial topics on how to access and gain expertise over **Matlab** for Engineers. **Ms. Niveitha Mohankumar**, Education Customer Success Specialist, Mathworks and **Dr. Anand Mukhopadhyay**, Education Technical Evangelist, Mathworks were the resource persons.

Institution Innovation Cell



IEDC of KCG College of Technology organised a session on Achieving Problem - Solution Fit & Product Market Fit on 17th December 2022. **Dr. S. Gopinath**, Innovation Ambassador was the resource person.



IEDC of KCG College of Technology organised a workshop on Design Thinking & Innovation Design on 17th December 2022. **Dr. Jose Anand**, Innovation Ambassador was the resource person.



IEDC of KCG College of Technology organised a workshop on Entrepreneurship Skill, Attitude & Behaviour Development on 17th December 2022. **Ms. Tephilla Joice**, Innovation Ambassador was the resource person.

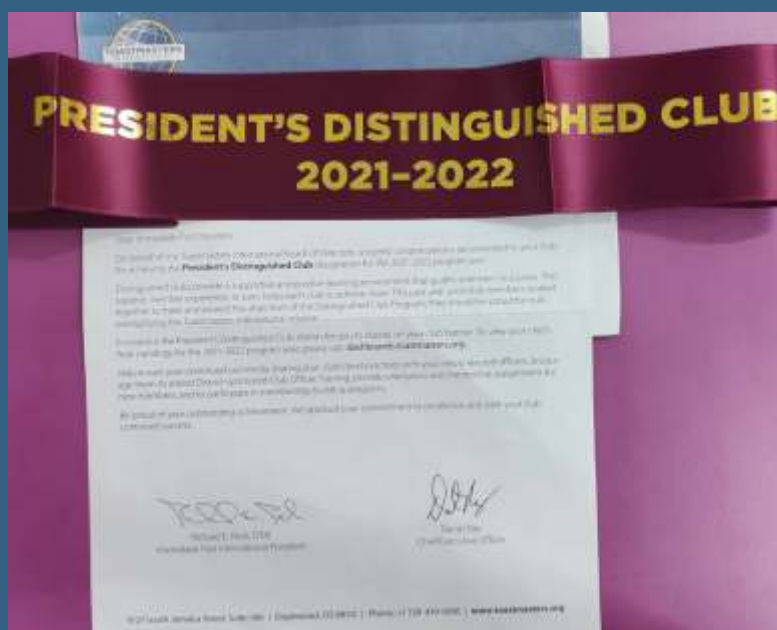
Club Activities

Youth Leadership Award



Yy. Nithya Kalyani S, Y's Men Club of KCG College Youth, Madras District conferred the Youth Leadership Award - Female at the Regional Youth Camp conducted on 3rd and 4th of December 2022.

President's Distinguished Club



KCG Youthmasters Toastmasters, has achieved President's Distinguished Club recognition for the program year 2021-2022.

Events

HGI - Christmas Celebration



The Hindustan Group of Institutions held a grand Christmas Celebration filled with music and festivities on 15th December, 2022. The Management and Guests of Honor conveyed their warmest Christmas wishes to those present and delved into the significance of Christmas. The choir serenaded the gathering with melodious Christmas hymns and carols, which was followed by a special performance featuring Santa Claus. The evening was a bright and beautiful celebration of the festive season!

KCG - Christmas Carols



KCG Christian Fellowship organised Christmas Carols on 22nd December, 2022. The choir performed a melodious medley of Christmas carols and hymns with enthusiastic festive fervor. The event concluded with special songs and God's message by **Mr. A.S.Chellappa**, Director, Christian Comforting Ministries and family .

Research Activities

- **Dr Lakshmipathy**, Associate Professor, Department of Chemistry, appointed as Academic Editor for the Journal of Nanomaterials, a SCI journal published by Hindawi platform. The journal comes under Annexure-I and Scopus Indexed with an impact factor of 3.72.
- **Dr. S. Gopinath**, Assistant Professor (SG), Department of Mechatronics Engineering has received Guideship from Anna University under the Domain: Energy, Thermal, Solar, Optimisation Techniques.
- **Dr. Maya Joby**, Associate Professor, Department of Mathematics, S&H has received Guideship from Anna University under the Domain: Stability of Dynamical Systems, Fault Tolerant Control, Reliable Control, Time Delay.
- **Dr. Prasath R**, Assistant Professor, Department of Computer Science and Engineering has received Guideship from Anna University under the Domain: Image Processing, Computer Vision, Multimedia, Computer Graphics.
- **Dr. Tony Thomas A**, Head, Department of Mechatronics Engineering has received Guideship from Anna University under the Domain: Fluid Power Systems, Mechatronics & Robotics.

A Glimpse of December Month Research

Faculty Publications

SCI Publications / Annexure I

S.No.	Authors	Journal Name	Article Title	Impact Factor	ISSN	Indexing
1	Dr. Palaniappan Associate Professor Dept. of AI&DS	Data & Knowledge Engineering Publishers: Elsevier	Deep attention based optimized Bi-LSTM for improving geospatial data ontology	1.992	0169-023X	SCI, Anna University Annexure-1, Q2 Journal, WoS
2	Dr. C. Clement Raj Associate Professor Dept. of ECE	Inorganic Chemistry Communications, Publishers: Elsevier	Enhanced electrochemical capacitance of a surfactant modified hierarchical Co(OH) ₂ /TiO ₂ nanotube array for super capacitor applications	3.428	1387-7003	SCI, Anna University Q2 Journal, WoS, Scopus
3	Dr M. Krishnamurthy Professor, Dept. of CSE	Computer Systems Science and Engineering	Wrapper Based Linear Discriminate Analysis (LDA) for Intrusion Detection in IIoT	4.397	0267-6192	SCI, Anna University Annexure-1, Q2 Journal, WoS, Scopus
4	Dr.V. Bhanu Rekha , Professor and Head, School of Fashion Technology	Indian Journal of Fibre & Textile Research	Synthesis and characterization of Superabsorbent natural polymers from agro-waste fibres	0.839	0975-1025	SCI, Anna University Annexure-1, Q3 Journal, WoS, Scopus
5	Ms.C. Arunamaheswari Asst. Prof., Dept. of Chemistry, S&H	Polycyclic Aromatic Compound	Investigation on the Role of Molecular Planarity and Conjugation Effects on Physicochemical Properties of Anthracene and Pyrene Appended meso-5,15-Bis (Thien-2-yl)-10,20-Diphenylporphyrin Triads	1.67	1563-5333	SCI, Anna University Annexure-1, Q1 Journal, WoS, Scopus

HITS finds its new chancellor in this educationist-cum-aviator

Anand Jacob Verghese has been elevated as the Chancellor of Hindustan Institute of Technology and Science – HITS (Deemed to be University).

In his new role, Verghese, a renowned educationist, aviator and thought leader, will be at the helm of leadership and management of the Institution and promote continued development of its academic programmes and research excellence with the vision of being a leading international institute of excellence providing a conducive envi-

ronment for education with a strong emphasis on innovation, internationalisation, leading edge research and strategic partnership blended with values and commitment to society.

He comes ably backed with a vast managerial experience and administration skill spanning 27 years in education and aviation sectors.



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sectors.



UG Honours with research is possible if varsities have research supervisors and infrastructure

UGC's new rule aims to create a pool of quality students with research rigour

e-Navia.Khatoo@timesgroup.com

The UGC has announced the curriculum structure for the four-year undergraduate programme (FYUP). The four-year UG Honours degree in the major disciplines will be awarded to those who complete the course with 360 credits. They will have to complete an assigned research project or a dissertation under the guidance of a faculty in the eighth semester. The rule will boost research specialisation competencies in students.

Building scientific temperament

The new structure aims at introducing basic research ethics and skills among UG students, which will hopefully popularise research and innovation.

Taruna Gostain, vice-chancellor, IIM University, Greater Noida, says, "The FYUP will be effective in building scientific research temperament. Students with a high-level of curiosity can carry out meaningful research in the areas of their interest. This will give them a dedicated purpose to popularise the academic benefit of pursuing research. In the long run, a pool of quality students with research rigour will improve the research output at PhD level."

Collaborating to fix gaps

The universities or departments offering Honours (with research) must have at least two permanent PhD supervisors and the required infrastructure such as a library and laboratory facilities to conduct experiments. Pointing at the challenges, P Desai, vice-chancellor, IIT Bombay, says, "The implementation is difficult, especially in institutions that do not offer PhD courses as they do not have PhD supervisors. Universities in rural areas are likely to struggle the most. However, the departments already recognised for conducting the PhD programmes may effectively speed up the FYUP research component as they do not require approval."

Implementation challenges are part and parcel of any new rule when introduced in the system, says Sarany Padole, fo-



Implementation of the rule is difficult in HEIs not running at least two PhD supervisors

unding president, Vignitoom University, Maharashtra. This can be solved by collaborating with industry experts and other successful universities, he says.

"Most PhD supervisors are exhausted with their current workload to onboard new UG students for research projects. Collaborating with industry experts and recruiting them as adjunct faculty could be helpful. UG students will learn better if research work is assigned by industry experts in relevant segments," says Padole.

New research pathways

There is a great possibility that the flexibility offered in FYUP Honours will broaden research pathways, says Rajivendra Shukla, vice-chancellor, Amity Univer-

ty. "Research ideas aligned with national priorities, such as defence, environment, sustainability and mental health should be at the forefront. Now, UG students will study these crucial topics by identifying real-world problems. Their exposure at labs, collating and mapping accurate datasets from a correct population sample size will lead to the development of new products as a research outcome."

In the current context, the complex problems prevailing in societies require a multidisciplinary research approach. "UG students are provided with academic modules to identify research gaps and solve modern day societal, business and general issues with a fresh perspective. The move is bound to expand the scope of research projects in the areas of Science, Commerce, and Humanities. However, the disciplines of Computer Science, Biotechnology, Sustainability, Innovation, Psychology, Digital Currency, and Public Policy have a slightly greater industry research edge," shares Gautam.

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இந்துஸ்தான் பல்கலைக் கு வேந்தர் நியமனம்

சென்னை

இந்துஸ்தான் தொழில்நுட்பம் மற்றும் அறிவியல் நிறுவனம் (ஹிட்ஸ்) வேந்தராக, சிறந்த கல்வியாளரும், விமானியும், சிந்தனையாளருமான ஆனந்த ஜேக்கப் வர்கீஸ் டிச.15-ம் தேதி முதல் நியமிக்கப்பட்டுள்ளார்.

இதகுறித்து ஹிட்ஸ் வெளியிட்ட செய்திக்குறிப்பு:

இந்துஸ்தான் தொழில்நுட்ப அறிவியல் நிறுவனம் இந்தியாவில் அண்மையில் வரும்படியும் தனியார் நிகர்நிலை பல்கலைக்கழகமாகும். மறைந்த கேசுஜி வர்கீஸ் மற்றும் நிறுவனர் தலைவர் எலிசபெத் வர்கீஸ் ஆகியோரால் 1985-ம் ஆண்டு இது தொடங்கப்பட்டது. 2008-09-ல் இது பல்கலைக்கழகமானியக் குழுவால் நிகர்நிலை பல்கலைக்கழகமாக தரம் உயர்த்தப்பட்டது.

இங்கு பொறியியலில் இளநிலை, முதுநிலை, முனைவர் பட்டங்கள், சட்டம், வடிவவியல், கட்டிடக்கலை, நகர திட்டமிடல், கலை மற்றும் அறிவியல், மேலாண்மை, வணிகம், அலைநெறல் சபாஸ்த உள்விட்ட படிப்புகள் உள்ளன.

இவை அகில இந்திய தொழில்நுட்ப கல்வி கவுன்சில், தேசிய அங்கீகார வாரியத்தால் அங்கீகரிக்கப்பட்டுள்ளன. மேலும் இந்துஸ்தான் பல்கலைக்கு தேசிய மதிப்பீடு மற்றும் அங்கீகார கவுன்சிலால் 'டி' மதிப்பீடு வழங்கப்பட்டுள்ளது.

இக்கல்வி நிறுவனத்தின் வேந்தராக நியமிக்கப்பட்டுள்ள ஆனந்த ஜேக்கப் வர்கீஸ் பி.எஸ். இன்ஜினியரிங் மேனேஜ்மென்ட் மற்றும்



ஆனந்த ஜேக்கப் வர்கீஸ்

எம்பிஏ, நென் செரியாவின் சியோலில் உள்ள புகழ்பெற்ற டோங்குக் பல்கலைக்கழகத்தில் வணிக நிர்வாகத்தில் கவுரவ டாக்டர் பட்டம் பெற்றார். இவர் ஹார்வர்ட் மற்றும் ஆக்சுபோர்டு பல்கலைக்கழகங்களில் நிபுணத்துவநிர்வாக மேலாண்மை திட்டங்களில் கலந்துகொண்டுள்ளார். ஓரியன்ட், பன்னாட்டு ஏவியேஷன் அகாடமியின் தலைவராகவும் உள்ளார்.

இந்துஸ்தான் கல்விக் குழுமத்தில் 18 ஆயிரத்திற்கும் மேற்பட்ட மாணவர்கள், 3 ஆயிரம் ஆசிரியர்கள் மற்றும் ஊழியர்கள், 1,25,000-க்கும் மேற்பட்ட முன்னாள் மாணவர்கள் உள்ளனர்.

ஆனந்த ஜேக்கப் வர்கீஸ் இந்நிறுவனத்தின் தலைமை பொறுப்பில் இருப்பார். இப்பல்கலை கல்வித்திட்டங்கள், ஆராய்ச்சியில் சிறந்து விளங்கும் ஒரு முன்னணி நிறுவனமாக இருக்க தனது 27 ஆண்டு நிர்வாகத் திறமையைப் பயன்படுத்துவார்.

இவ்வாறு செய்திக்குறிப்பில் தெரிவிக்கப்பட்டுள்ளது.



Creating a Research-Based Ecosystem

DR. DEEPA JOSE

*Head of Sponsored Research and Consultancy,
KCG COLLEGE OF TECHNOLOGY and
Professor, DEPARTMENT OF ELECTRONICS
AND COMMUNICATION*



The journey of Dr. Deepa Jose is an inspiration for many. From God's own country to Chennai, from completing her Masters and Doctorate from the College of Engineering, Guindy from the Dept. of Electronics and Communication, and now leading KCG College of Technology as its Head of Sponsored Research and Consultancy and Professor, Department of ECE, she has been transforming research and innovation at KCG. During her doctorate, she was exposed to the latest technologies and had the opportunity to attend several high-end workshops and conferences that happened across the country that put her on the innovation journey of research. She had been a Senior Member of IEEE Society and this helped her garner more insight into international research.

She strongly believes that in colleges across India, teaching and research should go hand-in-hand. This is the way forward for more young minds to innovate for the 'Made in India' dream to become a reality. Dr. Deepa has proved to be an all-rounder having successfully proved her capability in administration, research and teaching. This makes her unique. TradeFlock spoke to Dr. Deepa to discuss more of her initiatives and plans.



Please share some of your exciting recent research work that may have a significant societal impact.

I am working on a lot of innovative projects. The recent project involves design and development of a fetal ECG monitoring belt for pregnant women, mostly office-going women and women in remote locations.

This project's primary goal is to ingeniously develop a novel wearable product for pregnant women that can be worn when needed to self-monitor and get admitted to the hospital in case of emergency. Projects related to women empowerment are very close to my heart.

Internet of Things (IoT) has emerged due to its applications in smart cities, industries, defence, automotive, banking, satellite and telemedicine applications where the security of information has become a very important factor. Mass research is being conducted in the area of security. No effective solution or hardware chip has yet been devised to protect against side-channel attacks. One of the projects carried out by me is to design a VLSI countermeasure chip (based on Elliptic Curve cryptography and Chaotic Sequence Generator) compatible with Industry 4.0 standards that can provide security for IoT devices against side-channel attacks. I have received funding of Rs.15 lakhs from AICTE for implementing this project under the AICTE Research Promotion Scheme. I wish the government encourages all areas of chip manufacturing to create an integrated ecosystem in India.



Researchers have been under constant pressure from complex funding challenges, robust compliances, policies, and technology advancements. How are you leveraging your two decades of experience to overcome these challenges?

Government organisations do provide a lot of funding for research projects, and agencies like DST

and AICTE support academic research. In addition, the Govt. of India is taking lot of measures to train the faculty with the latest technologies free of cost. This needs to be laudable. From past few years, they have encouraged a startup ecosystem in educational institutions, which could be a game changer in the future. I have conducted a lot of training programmes for researchers and faculty to bring them up to date with advanced technologies. Any challenge/problem has solution and can be solved using an interdisciplinary approach, and this is one aspect, very important for the success of any project. This should be understood by the researchers.

Still, we are not at par with the international research standards. To support innovations and research, even more funding and technology support are needed. The industry and academia need to work towards this. This will happen if industry consultancy projects are taken up by researchers in academic institutions. The students will get an opportunity to work on these consultancy projects, which will be of huge benefit to both stakeholders. Students should be encouraged to take up research and improved funding support should be provided for them based on the research outcome. This invites more quality research. In my opinion even in the undergraduate curriculum, research methodologies can be made a compulsory subject. Also the faculty should be made to understand the importance of pursuing research and take up more industry sponsored consultancy projects. This can indirectly contribute to the growth of society.

How do you add value to projects you are mentoring? Is there something that particularly inspires you to prepare for the next line of leaders?

India needs more inspiring leaders and innovators. I feel that it is important to identify and promote the right talent who build others up as they are uniquely positioned to transform/motivate others and to develop similar mindsets. The result is an engaged team that's empowered to innovate and help shape a country's future success.

Technical mentorship should happen in a way that the project team members get interested in the domain, understand the need, and the depth of the problem to be solved. Once they get into this mode, the team automatically starts working and updating the required skills.

Upskilling has become very easy in this digital era, if the learner in you is always passionate. Identifying the correct unsolved open research problem to address is the biggest challenge. Once the problem is identified, a 360-degree thought process is required and an interdisciplinary approach towards solving the problem is very crucial to the success of the project. I feel technology can solve a lot of problems. However, the innovation we bring to the projects is very important. Quality research leads to incremental as well as radical innovations. Technology has brought all of us closer. The next generation of leaders should be aware that it is when they apply technology to tackle societal problems positively that they achieve true success.



How are you transforming the education sector through your consulting services? Can you highlight a few major ones?

I have initiated international research collaborations for research projects. This ensures that we get expert advice globally as well as at the national level.

I have represented India on the international podium. In my institute, I have motivated and encouraged our faculty to pursue research and publish research papers of good quality. The faculty do apply for a lot of external funds to carry out research projects. I have ensured that teaching and research go hand in hand. The key idea is that quality academicians can be very good researchers and they can inspire student researchers too. I have encouraged academic research and have taken measures so that two hours a day of work time is allotted to the faculty for concentrating on research activities. I have been successful in bringing in external project funding from AICTE, NIWE, CVRDE, ARDB etc. during my five-year tenure as Head of Research and Development, with a considerable increase in publications in SCI journals, Citation Count and H-Index. Many initiatives have been taken under my leadership to encourage research activities at my current workplace. All this has been possible with the effective support of the management of KCG College of Technology. KCG College of Technology is approved by AICTE and and NAAC A+, NBA Accredited & Certified Ranked 3rd in Anna University Affiliated Engineering Colleges in Chennai. The College is offering undergraduate, postgraduate and Ph.D. Courses. ◆◆



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