



## EDITORS' NOTE

Dear Reader,

It is with immense pride that we present the 50th edition of Campus Diary, a milestone that celebrates our institution's journey of excellence, innovation, and shared achievements. Every edition has chronicled the aspirations and accomplishments of our students and faculty, and this landmark issue is no exception.

The May edition captures a series of remarkable accomplishments right from securing top positions in the GHRDC Engineering Colleges Survey and outstanding performances in national and international competitions to prestigious recognitions in Model United Nations Conferences and start-up challenges. Our commitment to industry-academia collaboration is further strengthened through strategic MoUs and impactful Faculty Development Programmes with industry experts as resource persons. The Placement Day 2026 celebration underscores the importance of employability, communication and life skills in shaping future-ready engineers. The research publications, innovation-driven activities and community engagements are also truly inspiring

As we commemorate this landmark 50th edition, we express our sincere gratitude to every student, faculty member, staff, and contributor whose dedication has made these pages meaningful. Happy Reading!

### EDITORS:

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## Awards & Accolades

### GHRDC Engineering Colleges Survey 2026

The College has been recognized as the Top Engineering College of Super Excellence in the GHRDC Engineering Colleges Survey 2026. The institution secured an impressive 7th Rank Overall, 1st Rank in Tamil Nadu and 2nd Rank in South India, reaffirming its commitment to academic excellence, innovation, industry engagement and holistic student development.



### Designathon 2026

**Harsha Vardhini A & Vignesh G** of III Year Aerospace Engineering, representing Team Precision Pair, secured Second Place at the 36 Hours Designathon 2026 organized by Autodesk at KSR College of Engineering, Tiruchengodu, winning a cash prize of ₹2,000.

### Ground Reality 2026

Rahul G (B.E. Electrical and Electronics Engineering), Shazia Khanam (II Year B.E. Aeronautical Engineering), and Lokesh V (III Year B.Tech Information Technology), representing Team Sterilysense, achieved a remarkable milestone at Ground Reality 2026, an International Startup Event hosted at BITS Pilani Hyderabad Campus on 4th and 5th April 2026.

Among all the registered teams, only 60 teams were shortlisted for the semi-finals, with the Top 16 teams advancing to the finals. Competing against some of the most innovative teams, Team Sterilysense secured the Runner-Up position and won a cash prize of ₹50,000, bringing laurels to the institution.





### Technology Infusion Grand Challenge

Team Desperado for secured the 2nd Runner-Up position at the prestigious Technology Infusion Grand Challenge hosted by La Trobe University, along with a prize award of ₹50,000.

### Civil Services Coaching



**S. Aswin Balaji** (1 Year MCA) & **S. Gnana Dency** (Final Year B.Tech AI & DS) have been sponsored by the College for specialized Civil Services coaching at Officers IAS Academy

### 7<sup>th</sup> National Level Silambam Championship



**Aswinath S**, a First Year AI & ML student, won a Silver Medal in the Under-19 Single Stick category and a Bronze Medal in the Under-19 Thodu Murai category at the 7th National Level Silambam Championship organized by the Silambam Association of India, showcasing remarkable skill and dedication in the traditional Martial Art.

### Exodus MUN 2026

The College was awarded the Institutional Best Delegation Award at Exodus MUN 2026, held on 9th and 10th May 2026. The achievement reflects the exemplary participation of 29 first-year students who represented the institution across various committees.

The following students were recognized for their outstanding performance:

#### UNHRC

- Shalan Victor (B6) – Special Mention
- Thaniya Shri (B6) – Special Mention

#### IPJ

- John Abhishek (B1) – Verbal Mention

#### IPP

- Yuvraj (B6) – Special Mention

#### UNGA

- Nitish N (B16) – Honourable Mention



## Awards and Accolades

### Meridian MUN 2026



**Joel Filbert** (II Year Information Technology) received an Honourable Mention and **Daphne K. S.** (II Year Electronics and Communication Engineering) secured a Verbal Mention at Meridian MUN 2026, held on 23rd and 24th May 2026, for their outstanding performance in debate, diplomacy and critical thinking.

### SEA VICE MUN 2026



**Priyadarshini D.** (II Year Aeronautical Engineering) won the Verbal Mention Award in the SOCHUM Committee at SEA VICE MUN 2026, held on 16th and 17th May 2026 at IVB Chennai, for her commendable performance in diplomacy, public speaking and critical thinking.

## MoU

### Memorandum of Understanding MAG Solvics Private Limited

The College has signed a Memorandum of Understanding (MoU) with MAG Solvics Private Limited on 29th May 2026, marking a significant step towards strengthening industry-academia collaboration in the areas of textile technology, quality engineering and innovation.

The MoU was formally signed by **Dr. Annie Jacob**, Director, KCG Tech & **Mr. Dhandayuthapani**, Managing Director, MAG Solvics Private Limited. MAG Solvics is a globally recognized organization specializing in advanced textile testing instruments, quality assurance systems, online monitoring solutions and automation technologies for the textile and garment industry.

The collaboration aims to foster knowledge exchange, skill development, internships, industrial training, collaborative projects and research initiatives. It will also provide students and faculty members with valuable exposure to emerging technologies and best practices in textile testing, quality assurance and automation.



## Urbaser Sumeet

The College has signed a Memorandum of Understanding (MoU) with Urbaser Sumeet on 15th May 2026, marking a significant milestone in strengthening industry-academia collaboration and promoting sustainable development initiatives.

The MoU was signed by **Mr. Albert**, Managing Director, Urbaser Sumeet, and **Dr. Annie Jacob**, Director, KCG College of Technology, in the presence of **Dr. G. Prabhakaran**, Principal (In-Charge), **Ms. Komal**, IEC Head, **Mr. Vignesh**, IEC Team Member, and **Ms. Syma**, Head In-Charge – IEC.

The partnership aims to provide students with valuable exposure to modern waste management practices through industry interaction and experiential learning opportunities. Faculty members will benefit from collaborative engagements with industry professionals, fostering knowledge exchange and practical insights. The MoU also encourages sustainability-focused projects, research initiatives, and innovation-driven activities that address environmental challenges.



## Educational Session

### FDP on AI Driven Teaching - Tools, Techniques & Practices

The College, in collaboration with the National Institute of Technical Teachers Training and Research (NITTTR), organized a Five-Day Faculty Development Programme titled "AI-Driven Teaching: Tools, Techniques & Practices" from 11th to 15th May 2026.

The programme provided faculty members with an enriching platform to explore the transformative role of Artificial Intelligence in education. Through expert-led sessions, interactive discussions and hands-on demonstrations, participants gained valuable insights into leveraging AI to enhance teaching effectiveness, improve student engagement and create innovative learning experiences.





The FDP covered a wide range of contemporary topics, including emerging trends in AI-powered education, digital and multimedia content creation tools, gamification strategies, experiential learning through AI, AR and VR technologies, AI-assisted approaches for STEM and algorithm instruction, data-driven methods for research and assessment and modern practices in teaching and evaluation.

The programme fostered collaboration, creativity and continuous professional development among educators, equipping them with practical knowledge and skills to effectively integrate AI into their teaching practices and adapt to the evolving educational landscape.

## Department of Aeronautical and Aerospace Engineering Orientation Program on Engineering Excellence Connect (Tech Pubs)

The Department organized an Orientation Program on Engineering Excellence Connect (Tech Pubs) in collaboration with Capgemini on 15th May 2026.

**Mr. Rajendran**, Senior Manager and EEC Program Champion, Capgemini, shared his expertise on the significance of technical publications, industry expectations, and emerging career prospects, inspiring students to explore new avenues in engineering and innovation.

The session provided students with valuable insights into the field of technical publications and highlighted the diverse career opportunities available in the aeronautical and space industries. Participants gained a deeper understanding of industry practices, technical communication, & the skills required to excel in these specialized domains.



## Educational Session

### Faculty Development Programme on Autodesk Fusion

The Department organized a Faculty Development Programme on Autodesk Fusion from 25th to 27th May 2026. **Mr. Robinson Charley**, Technical Head – Design & Manufacturing, CADONE Solutions Pvt. Ltd., shared his expertise through hands-on sessions on advanced design, modeling, simulation, and manufacturing workflows using Autodesk Fusion. The programme enhanced faculty expertise in contemporary CAD/CAM technologies & their applications in engineering education and industry.



### Department of Mechanical Engineering Sketch to object - Design & 3D Printing

The Department conducted a two-day workshop on Sketch to Object – Design & 3D Printing for school students on 14th and 15th May 2026. The workshop provided participants with hands-on training in transforming creative ideas into tangible objects using modern design and 3D printing technologies.



### Department of Science & Humanities FDP on Communication & Employability Skills

The English Division of the Department of Science & Humanities, in association with the Department of Placement & Training, organized a Faculty Development Programme on Communication & Employability Skills on 22nd and 23rd May 2026. The programme featured Ms. Betty Jerushah, Founder and Master Trainer, Kornerston Academy, Chennai, and Mr. George Koshi, Director – Learning & Development, Sify Technologies, Chennai, who shared valuable insights on effective communication, professional skills, and industry expectations. The sessions equipped faculty members with practical strategies to enhance students' employability and workplace readiness.

## Placement Day 2026

The College celebrated Placement Day 2026 on 22nd May 2026, recognizing the achievements of students who secured placements in leading organizations and providing valuable industry insights on the future of employability.

The event was inaugurated by **Mr. C. R. Ashok**, Co-Founder and Managing Director, Ardelisys Technologies Pvt. Ltd., who addressed the students and emphasized the importance of continuous learning, adaptability and industry readiness in an evolving technological landscape.

A major highlight of the programme was the panel discussion on "Human Skills vs Technical Skills: What Will Get Engineers Hired by 2030?" moderated by **Mr. Sudarsan Ranganathan**, Founder and Director, Maaya Analytics. The distinguished panel comprised **Mr. Kannan Sugantharaman**, Chief Financial & Operations Officer, Mastech Digital; **Ms. Kavitha Mani**, Senior Manager HR, OJ Commerce; **Mr. Madhavan Parthasarathy**, Managing Director & CEO, Kripya Solutions; **Ms. Rupa Ramamurthy**, Sr. EVP, Global Banking SME & Service Lead, Teleperformance; and **Mr. Marimuthu**, Associate Director, Tessolve.

The discussion highlighted that while technical expertise remains fundamental, employers increasingly seek professionals with strong communication skills, adaptability, teamwork, leadership qualities, creativity, critical thinking, and problem-solving abilities. The panelists also stressed the importance of hands-on learning, industry-oriented projects, internships and active participation in seminars and presentations to build confidence and enhance employability.

The valedictory session was graced by **Mr. Dhinesh Khanna**, Global Head – Customer Success, Zoho, who congratulated the students on their accomplishments and encouraged them to embrace lifelong learning and innovation as they embark on their professional journeys.

As part of the celebrations, students who secured placements were honoured and recognized for their achievements. The event served as a platform to celebrate success, inspire future graduates and strengthen the connection between academia and industry.





## Y's Service Club of Chennai, Karapakkam 54<sup>th</sup> District Conference

The members of the club participated in the 54<sup>th</sup> District Conference held on 23rd May 2026 at Hotel Gokulam Park. In recognition of its outstanding service, leadership and contributions during the academic year, the club was honoured with the **Outstanding Club** of the Year 2024-25 Award.



# Research Activities

## Publication in SCI Indexed Journals - April 2026

Authors	Journal Name	Article Title	Impact Factor	ISSN	Indexing
<b>Dr M. Robinson Joel,</b> Dept. of Computer Science & Engineering	Journal of Knowledge-Based Systems	A potent framework for privacy-preserving recommendations using federated learning	7.6	<a href="https://www.sciencedirect.com/science/article/abs/pii/S095070512600849X">https://www.sciencedirect.com/science/article/abs/pii/S095070512600849X</a>	SCI, AU Annexure I, Q1 Journal
	Biomedical engineering applications basis and communications	SCNN-VGG 16: SIAMESE convolutional neural network-visual geometry group 16 for cardiovascular disease detection using ECG signal	0.6	<a href="https://doi.org/10.4015/S1016237225500528">https://doi.org/10.4015/S1016237225500528</a>	SCI, AU Annexure I, Q4 Journal
<b>Dr. T. Thomas Leonid,</b> Dept. of Electronics and Communication Engineering	Biomedical Signal Processing and Control	Enhanced melanoma detection through gray scale intensity and fuzzy logic integration	4.9	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1746809426010207">https://www.sciencedirect.com/science/article/abs/pii/S1746809426010207</a>	SCI, AU Annexure I, Q1 Journal
<b>Dr. S. Senthil,</b> Dept. of Mechanical Engineering	Energy	Clean combustion approach for sustainable emission mitigation and environmental protection in diesel engines using cocos nucifera biodiesel, green-synthesized nano additives and thermal barrier coating	9.4	<a href="https://doi.org/10.1016/j.energy.2026.141002">https://doi.org/10.1016/j.energy.2026.141002</a>	SCI, AU Annexure I, Q1 Journal
<b>Anumula Swarnalatha,</b> Dept. of Aeronautical Engineering <b>Dr. Seeniappan Kaliappan,</b> Dept. of Mechanical Engineering	Journal of Rubber Research	High-temperature thermo-mechanical and dynamic properties of surface-modified waste-rubber and aluminised glass fibre reinforced UAV composites	1.5	<a href="https://doi.org/10.1007/s42464-026-00350-9">https://doi.org/10.1007/s42464-026-00350-9</a>	SCI, AU Annexure I, Q3 Journal
<b>Dr. Seeniappan Kaliappan,</b> Dept. of Mechanical Engineering	Journal of Composite Materials	Fatigue, creep, DMA and flammability behaviour of beet root stem fibre and rice husk powder epoxy composite	2.4	<a href="https://doi.org/10.1177/00219983261447421">https://doi.org/10.1177/00219983261447421</a>	SCI, AU Annexure I, Q2 Journal

16 Papers got published and indexed in Scopus during May 2026



# CAMPUS FACILITIES



**DST Supported FIST Lab**



**Car Simulator**



**KCG Space Technology Center**



**Aero Hangar**



**Link Flight Simulator**



**Bosch Certified Training Centre**



**NCC**



**Gymnasium**



**Inferno Racing**