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A Monthly Newsletter of SCMS Group of Educational Institutions, Cochin, India.

Opportunities for Engineers in India's Expanding Air Defence Sector

India's recent impressive demonstrations of air defence capabilities, including successful missile tests and the induction of advanced systems like the S-400 and Akash-NG, have captured global attention. These achievements reflect not only India's growing military strength but also a renewed focus on building a robust, self-reliant defence ecosystem. As a result, the job market in the Indian air defence sector is being closely re-examined, revealing exciting new opportunities for engineers eager to contribute to the nation's security and technological progress.

Today's air defence is a highly complex field integrating artificial intelligence, machine learning, cybersecurity, robotics, aerospace engineering, and embedded systems. The development of advanced missile systems like Akash-NG, QRSAM, and the Ballistic Missile Defence program showcases India's growing technological self-reliance. This evolution demands engineers with multidisciplinary skills capable of designing, testing, and integrating sophisticated defence solutions.

Cross-disciplinary expertise is increasingly valuable as defence technology advances beyond traditional mechanical and aeronautical engineering into digital and cyber realms.

The "Make in India" initiative (2014) has spurred growth not only within public sector units like DRDO, HAL, and BEL but also in the private sector and startups. With over 200 defence startups emerging, engineers can find roles in areas such as missile guidance, radar and sensor design, electronic warfare, autonomous systems, and secure communications. Companies like Tata Advanced Systems, Larsen & Toubro, and Bharat Forge actively recruit talent to develop missile launchers, avionics, and command control systems, creating a thriving ecosystem for innovation and employment.

Moreover, the defence sector offers opportunities beyond R&D. Systems integration, real-time battlefield simulation, cybersecurity, and strategic policy roles require skilled engineers. Academia and think tanks also provide pathways for research

and technical advisory work. Fields such as electronics and communication, aerospace, computer science, mechanical engineering, and cybersecurity are particularly in demand.

In conclusion, India's expanding air defence sector is not just about building weapons; it is about building a generation of skilled engineers who will pioneer technological innovation while serving national security. For engineers eager to work on high-impact, high-tech challenges, the future in Indian defence is full of promise and patriotism.



Dr. G.P.C. Nayar
Founder & Chairman, SCMS Group of Educational Institutions



SCMS GROUP OF EDUCATIONAL INSTITUTIONS

Surakshith Marg Awards



In a powerful initiative to make roads safer by engaging young minds, the SCMS Institute for Road Safety and Transportation, in association with the Kuttukaran Group, rolled out the 'Surakshith Marg' project across Ernakulam and Thrissur districts. Aimed at cultivating a responsible road culture among students and making school zones accident-free, the award ceremony was held, at the conclusion of the project, on May 7, 2025 at the SCMS Campus in Kalamassery. Kerala Industries Minister P. Rajeev inaugurated the event and felicitated the winners. Kuttukaran Group MD Naveen Philip presided over the function.



Schools from Thrissur that stood out for their activities included Vyasa Vidyaniketan Central School, Chalakudy; Kulapathi Munshi Bhavans Vidyamandir, Pottur; and Dr. Raju Davis International School, Mala. Vidyodaya School, Thevakkal; Cochin Public School, Thrikkakara; and SBOA Public Senior Secondary School, Kochi from Ernakulam won top honours. The event also spotlighted excellence in categories such as Best Teacher Team, Promising Project, Best Student Project, and Social Media & Tech Awareness. Joint RTO C.D. Arun, SCMS Engineering College Principal Dr. Anitha G. Pillai, Road Safety Institute Director Adarsh Kumar G. Nair, Assistant Professor Nikhil Ashok, and Kuttukaran Group Secretary Varun Warriar also addressed the gathering. The event marked a spirited step forward in student-driven road safety awareness.

Mission: Building Safer Roads For Our Future Generations

Launched on November 30, 2024, the Surakshith Marg programme was implemented across 94 schools in Ernakulam and Thrissur Districts. Its core mission was to foster a cultural shift in road safety behaviour by engaging students, parents, teachers, local communities, and other stakeholders around school zones.

The three-month long project concluded on February 28, 2025, after having made a measurable impact. The key achievements of Surakshith Marg 2024 are positively impacting over 210,000 road users, training over 50,000 school children as Road Safety Ambassadors, conducting 94 school zone audits using the IRF audit tools, carrying out 1,165 road safety



activities, implementing 47 infrastructural improvements near school zones and training and forming 73 First Responder Groups.

Surakshith Marg 2024 stands as a successful testament to the power of collective action in building safer roads for our future generations.

IRF Membership

SCMS Institute for Road Safety and Transportation (SiRST) has been awarded a complimentary membership in the International Road Federation (IRF) for the remainder of 2025.

This recognition comes in appreciation of the submission of the Surakshith Marg project for the IRF 2025 Road Safety Award. SiRST has received a 450 CHF discount on the 2026 IRF membership. This continued association provides access to IRF's global knowledge hub, exclusive programmes, and a wide professional network, including free entry to the IRF Awards 2026.

TiE Women Kerala 2025



Mr. Anoop Ambika, CEO Kerala Startup Mission, Ms. K. Meera IAS, inaugurating the TiE Women Kerala - Season Launch 2025

A vibrant and inspiring TiE Women Kerala - Season Launch 2025 was hosted at SCMS School of Technology and Management, Cochin on May 15, 2025. Aimed at celebrating, empowering, and connecting women entrepreneurs across Kerala, the event brought together a diverse gathering of women leaders, government officials, entrepreneurs, and mentors for a day filled with insightful sessions,



networking, and collaborative opportunities. Dignitaries, Mr. Jacob Joy, Managing Director, Jakobi Chocolatier, delivered the Presidential Address. Ms. Nisha Jose, Mr. Anoop Ambika, Ms. K. Meera, IAS, Mr. Vivek Krishna Govind, Dr. Geemon Korah, and Ms. Thankam Joseph addressed the gathering. A dynamic panel comprising Ms. Nisha Jose, Dr. Indu Nair and Ms. Thankam Joseph addressed audience



concerns and shared personal experiences, challenges, and success stories, fostering mentorship and mutual encouragement. Dr. K. Vasuki, IAS delivered a motivating address emphasizing sustainability, inclusivity, and innovation in entrepreneurship. The interactive session had women entrepreneurs pitch their ideas, receive feedback, and build confidence in public speaking.

Mechanical Engineering Department Develops and Donates Adaptive Sports Equipment to NIPMR

The Department of Mechanical Engineering at SCMS School of Engineering and Technology (SSET) successfully designed, developed, and officially handed over adaptive sports equipment to the National Institute of Physical Medicine and Rehabilitation (NIPMR), Irinjalakuda.

The formal handover ceremony was graced by the Hon. Minister for Higher Education and Social Justice, Dr. R. Bindu, who applauded the Department's efforts in empowering differently-abled students through inclusive technological solutions.

The equipment was officially presented by Dr. Vidya Chandran (Head of the Department, Mechanical Engineering), Dr. Suresh Kumar V (Coordinator, Innovation & Startup Activities), and Assistant Professor Anoob Jose, to Mr. C. Chandrababu, Executive Director, NIPMR.

Developed under the guidance of Assistant Professors Anoob Jose and Deepak Xavier, the equipment was fabricated using advanced tools and infrastructure available at the Mechanical Lab and Fab Lab at SSET. These adaptive sports tools are specifically tailored to the



needs of children with physical disabilities, helping enhance their physical capabilities, confidence and opportunities to participate competitively in sports events on equal terms. With such efforts, SSET reinforces its commitment

to innovation-led education and community empowerment, offering its students a platform to apply knowledge in real-world contexts with empathy and purpose.



Workshop: Mentoring and Well-Being



Dr. Neeraj H. from Apollo Adlux Hospital.

The Department of Artificial Intelligence and Data Science at SCMS School of Engineering & Technology (SSET), in association with IQAC, IEDC, and IIC, successfully organised a workshop titled Mentoring Students and Supporting Their Well-Being on April 25, 2025. The session was led by Dr. Neeraj H, MBBS, MD (Psychiatry), from Apollo Adlux Hospital, Karukutty, who provided valuable insights on effective mentoring practices and promoting student wellness. All faculty members and student mentors participated in this enriching and insightful workshop.

Workshop: Outcome-Based Learning and Assessment Strategies

The Departments of Computer Science and Engineering (Artificial Intelligence and Data Science) at SCMS School of Engineering & Technology (SSET), in association with IQAC, IEDC, and IIC, successfully organised a workshop on Outcome-Based Learning and Assessment Strategies on April 24, 2025. The session was led by Dr. Sindhya K. Nambiar, Associate Professor, Department of Artificial Intelligence and Data Science, who provided valuable insights into implementing outcome-based education and effective assessment methods.

Workshop: Microsoft Excel and Presentation Tools for Non-Teaching Staff

The Departments of Computer Science and Engineering and the Department of Computer Science and Engineering (Artificial Intelligence and Data Science), in association with IQAC, successfully conducted the Skill Upgradation Workshop 3.0 in Microsoft Excel and Presentation Tools for the non-teaching staff at SCMS School of Engineering & Technology. The three-day workshop held from May 5 to 7, 2025, at the CCF Lab in the Admin Block, aimed at enhancing digital skills using tools

like Microsoft Excel and Canva. The sessions were led by Ms. Asha Jacob and Ms. Sushitha P K (Lab Instructors, CSE), and Ms. Shali Sara Abraham (Assistant Professor, Department of Computer Science and Engineering (Artificial Intelligence and Data Science) at SSET. The event supported SCMS's continued commitment to staff development and digital proficiency.

Launch of Magazine "Evulence"



On April 28, 2025, the Department of Computer Science and Engineering (Artificial Intelligence and Data Science) proudly hosted a special event to mark the launch of its department magazine, "Evulence". The magazine is a collaborative creation, showcasing the technical acumen, creativity, and artistic expression of students and faculty members. The unveiling was graced by Principal Dr. Anitha G. Pillai and Head of the Department Dr. Sonal Ayyappan, who officially introduced Evulence to the audience. The event included a Student Recognition Ceremony, where Ms. Gasteena Laurienda Pess was honoured with the Outstanding Student Award for her remarkable achievements. In addition, students who secured top marks in the last semester were presented with certificates of Appreciation in recognition of their academic excellence.

Training Session: Officials from the Civil Section, KSRTC

The Department of Civil Engineering, SSET, conducted a six-day training programme for Assistant Engineers and draftsmen from the Civil Section of the Kerala State Road Transport Corporation (KSRTC) from April 28 to May 5, 2025. The training provided theoretical knowledge along with practical exposure to traffic planning and design, surveying, quantity calculation, testing of material quality, setting out of buildings, wastewater treatment and construction technology. Mr. Abhilash Joy, Managing Director, STUBA Engineering Consultancy Private Limited, Dr. Sanju

Sreedharan, Associate Professor; Dr. Rahul R. Pai, Assistant Professor, Ms. Nandita Mohan, Assistant Professor, Mr. Jerry Anto, Assistant Professor, Mr. Deepu R., Assistant Professor, Ms. Anjana Susan John, Assistant Professor, Ms. Anju Mary Ealias, Assistant Professor, Ms. Dhanaya T. B., Lab Instructor, Mr. Ramesh Rajan N., Lab Instructor, Mr. Anoop M., Lab Instructor, Civil Engineering Department, Mr. Varun Jose, Assistant Professor, Department of Electrical and Electronics Engineering, SSET were the Resource Persons.

Energy Audit



Energy Audit conducted by Semester 2 students under Energy Club

The Energy Club of SSET, in association with EQUINOCT under the IEEE Smart Village Project, conducted a two-day Energy Audit from April 23 to 24, 2025, across 20 production units and 37 home-based enterprises in Desam, Gothuruth, North Parur, and Vypin. A total of 35 second-semester students of SSET from various departments participated in auditing units engaged in fish drying, food manufacturing, and dairy activities, with a focus on technologies like solar dryers, solar heaters, and mixing machines. This phase was limited to audit and data collection; detailed analysis and recommendations will be carried out in the next phase.

Workshop: Unlocking the Power of Mind Neuro Linguistic Programming



On April 28, 2025, the Department of Basic Science and Humanities, in association with IQAC and NDLI, organised a workshop titled "Unlocking the Power of Mind Neuro Linguistic Programming (NLP)" for non-teaching staff. The workshop featured a guided visualisation meditation session led by the Resource Person, Mr. Mohamed Akbar, Assistant Professor, Department of Basic Science and Humanities.

Staff Achievements

Dr. Kannan Nithin K. V., Associate Professor, Department of Basic Science and Humanities, published a paper on April 23, 2025, entitled "An innovative optimized flyback transformer-based active cell balancing system for enhanced battery management in series-connected battery packs of electric vehicle", in The International Journal of Advanced Manufacturing Technology (Q1, SJR 2024: 0.706, Scopus and SCIE indexed Journal), DOI No.: <https://doi.org/10.1007/s00170-025-15527-6>,

Dr. Kannan Nithin K. V. also published a paper entitled "Enhancing energy management and power quality in grid-connected photovoltaic systems through ESS and STATCOM integration", on May 14, 2025, in The International Journal of Advanced Manufacturing Technology (Q1, SJR 2024: 0.706, Scopus and SCIE indexed Journal), DOI: <https://doi.org/10.1007/s00170-025-15600-0>,

Ms. Anju Nair, Assistant Professor, Department of Basic Science and Humanities, qualified for the ELITE SILVER certificate for the NPTEL Course on "Coordination Chemistry (Chemistry of transition elements)" on May 6, 2025.

Dr. Mini Tom, Professor, Department of Basic Science and Humanities, qualified ELITE SILVER certificate for the NPTEL Course on "Essentials of Data Science With R Software-1: Probability and Statistical Inference" on May 11, 2025.

Online FDP

The Department of Basic Science and Humanities, in association with IQAC, organised a five-day online FDP titled "Emerging trends in graph theory" from April 21 to 25, 2025. The virtual interaction, with a

Q&A session, and 230 participants witnessed enthusiastic participation.

Ms. Preema T.S., Assistant Professor, Department of Basic Science and Humanities, qualified ELITE SILVER certificate for the NPTEL Course on "Numerical Linear Algebra", on May 12, 2025,

Dr. Vidyalekshmi K.P., Assistant Professor, Department of Basic Science and Humanities, qualified for the ELITE certificate for the NPTEL Course on "Industrial Wastewater Treatment" on May 8, 2025.

Dr. Nuja M. Unnikrishnan, HOD & Associate Professor, Department of Basic Science and Humanities, **Ms. Surya K.A., Assistant Professor**, Department of Basic Science and Humanities, **Ms. Sophia Cleetus, Assistant Professor**, Department of Basic Science and Humanities, **Ms. Reshma R., Assistant Professor**, Department of Basic Science and Humanities qualified for the ELITE certificate for the NPTEL Course on "Numerical Linear Algebra" on May 12, 2025.

Dr. Vidyalekshmi K.P., Assistant Professor, Department of Basic Science and Humanities, got selected for the APJKTU SEED MONEY of ₹74,047 towards the project entitled 'Microwave-assisted photocatalytic degradation of wastewater pollutants using eco-friendly nano MnO₂ synthesised from Coleus aromaticus Benth leaf extract' on May 12, 2025.

Dr. Santhosh M.V., Associate Professor, Department of Basic Science and Humanities, got selected for the APJKTU SEED MONEY of ₹1,40,000 towards the project entitled 'Development of Tungsten based two dimensional nanomaterials as an industrial scale sono catalyst for promoting

green chemistry and sustainability, with a theoretical feasibility study in Edayar industrial area, Ernakulam' on May 12, 2025.

Ms. Sajmi Salam, Assistant Professor, Department of Computer Science and Engineering, successfully qualified for the UGC NET examination in Computer Science and Applications, conducted in December 2024, with a percentile score of 83.

Ms. Asha S., Assistant Professor, Department of Computer Science and Engineering, was sanctioned ₹51,000 as Research Seed Money by APJKTU for her project titled "Developing Ultra Low-Cost and Simplified Device for Water Level Monitoring," recognising her contribution to innovative and affordable water management solutions.

Ms. Divya M.P., Assistant Professor, Department of Computer Science and Engineering, completed the NPTEL course titled "Foundation of Cloud IoT Edge ML" conducted from February to April 2025. The course, which spanned eight weeks, covered foundational concepts in Cloud Computing, Internet of Things (IoT), Edge Computing, and Machine Learning. She achieved a consolidated score of 78, demonstrating commendable performance and understanding of the subject.

Placement Activities this month

The companies that approached to recruit B. Tech and MCA students from Batch 2025:

ST Telemedia – GET, Schneider Electric, Altivate (internship), Polycab, HCL Tech, Salesforce

Placed Batch 2025

Four B.Tech students from Computer Science and Engineering (Data Science), Batch 2021-25, received offers from EY GDS.



SCMS COLLEGE OF POLYTECHNICS

Placement Drive



A Placement Drive, featuring three leading names from the automobile industry: Nippon

Toyota, Luxon Tata, and Muthoot Honda, was successfully conducted by the Training & Placement Cell on April 2, 2025. Aimed at providing final-year students with job opportunities and real-world exposure to top-tier automotive companies the event was attended by 30 students, of which 22 were successfully shortlisted by the recruiting companies. The event witnessed enthusiastic participation from students, who got the chance to interact with industry professionals. The representatives from the three companies praised the preparedness and potential of the

candidates and expressed interest in future collaboration.





Corrective Training for Drivers



In an effort to enhance road safety and rehabilitate accident offenders, the SCMS Institute for Road Safety and Transportation (SiRST), in collaboration with IDTR Kerala, organised a corrective training programme. The programme consisted of five-day sessions from May 5 to May 9 and was held at SCMS School of Engineering and Technology. This batch saw the active participation of 48 individuals, guided by various internal and external Resource Persons. The training focused on comprehensive aspects of driving safety, accident prevention, and responsible driving practices. Participants received hands-on training through interactive sessions, workshops and practical demonstrations. The initiative was a success, with positive feedback from participants, highlighting its impact on fostering safer driving behaviour and reducing road accidents in Kerala.

Capacity Building Programme



A one-day class on Capacity Building was conducted for 37 MVD women officials at the Renewal Centre, Kaloar, in Ernakulam. Mr. Adarsakumar G Nair, Director, SCMS Institute for Road Safety and Transportation(SiRST) delivered a talk regarding the aspects of Capacity Building and its importance in life.

Road Safety Awareness: TAJ Cochin International



SCMS Institute for Road Safety and Transportation (SiRST) in association with MVD Kerala conducted a road safety awareness session for employees of TAJ Cochin International, Nedumbassery on May 16, 2025. Held as part of The Road Safety Week celebrations it was attended by 40 employees of the hotel chain. Mr. Sujay K. (Assistant Professor, AUD, SSET) along with Mr. Sanjo Varghese (Motor Vehicles Inspector, Perumbavoor) conducted the training session on the aspects of road safety and its importance in life.

Vidya Vihar Central School



SCMS Institute for Road Safety and Transportation (SiRST) conducted a road safety awareness session for the teaching staff of Vidya Vihar Central School, Chittattukara, on May 23, 2025. Aimed at inculcating road safety among teaching and non-teaching staff, it had 45 participants. Mr. Sujay K (Assistant Professor, AUD, SSET) conducted the training session regarding the aspects of road safety and its importance in life.

Programme for Kids

A one-day class was conducted on the Road Safety Awareness Programme for 30 kids at Puthenkurishu, Ernakulam, on May 9, 2025. The class aimed to inculcate the basics of

Road Safety in kids for better accident-free roads in future. Mr. Adarsakumar G. Nair, Director, SCMS Institute for Road Safety and Transportation(SiRST) delivered a talk, regarding the aspects of Road safety at the basic level for the better understanding of kids.



Summer Camp



A two-day road safety awareness session for summer camp participants was held at the Sacred Heart Autonomous College, Thevara, Ernakulam. The class aimed to inculcate road safety and first aid awareness among the 50 participants. SiRST faculty members, Mr. Sujay K and Mr. Nikhil Asok conducted the training sessions on May 12 and May 13, 2025 respectively.

Know your Vehicle Programme



The SCMS Institute for Road Safety and Transportation (SiRST), in association with the

National Safety Council, Cochin, successfully conducted the 'Know Your Vehicle' programme on May 17, 2025, at Hindustan Unilever, Tatapuram (HUL). The hands-on session, aimed at enhancing participants' understanding of vehicle components, basic maintenance, and defensive driving principles, was led by Mr. Nikhil Asok and Mr. Deepak Xavier, Assistant Professors, Mechanical Engineering, and Mr. Sujay K, Assistant Professor, Automobile

Engineering, from SSET, Karukutty.

The programme was inaugurated by Mr. Adarsakumar G. Nair, Director of SiRST and Mr. Shilin M. B, Senior HR Executive, Hindustan Unilever, Tatapuram gave the welcome address.

The 30 participants actively engaged in discussions and clarified their doubts on vehicle safety and upkeep.

Faculty Achievements



Deepak V at International Conference presentation

Ar. Deepak V. guided by **Dr. Ranjini Bhattathiripad T.** presented a research paper titled "The need to devise and implement a Decision Support System to guide urban development in harmony with wetland ecosystems at the Urban Local Body (ULB) level in Kerala," at the International Conference on Everyday Urbanism, NAGAR MANCH MANIPAL, organised and held at Manipal School of Architecture and Planning, MAHE, Manipal. The paper highlights the importance of sustainable urban planning practices

that consider ecological balance. In another significant contribution, **Ar. Sruthy George** guided by **Dr. Ranjini Bhattathiripad T.** presented their paper titled "Breaking Barriers: Evaluating Pedestrian Accessibility for Persons with Disabilities in Kochi," focusing on the critical need for inclusive infrastructure and accessible urban environments. Both papers were presented reflecting the department's ongoing commitment to addressing pressing urban challenges through research and innovation.



Ar. Sruthy George

Institutional Achievements

- **Sherin Sussy Paul** (Semester 6) and **Hima J Nair** (Semester 4) were shortlisted for their excellence in architectural writing and critical thinking, for the prestigious Writing Architecture Trophy at NASA on April 25, 2025.
- **Janaki Ram K R** (Semester 1&2) earned A Grade in the film review competition held as part of the MG University Youth Festival 2025 on April 30, 2025, reflecting the department's encouragement of diverse talents and interdisciplinary engagement.
- SSA secured the 2nd position for the '**Best Architecture Colleges (Private)**' in Kerala and achieved an All India Rank of 44 in the **IIRF Architecture Ranking 2025** on May 6, 2025.
- SSA secured 1st in the **GHRDC Architecture College Survey 2025** for Kerala State on April 3 and 5th in the Southern Region and 1st in the category of Top Architecture Colleges of Excellence in India.

Walkable Kochi



Semester 6 students at Pachalam

The Semester 6 students of the Department of Architecture actively participated in the Walkable Kochi Project under the GIZ-SUMACA initiative, aimed at promoting pedestrian-friendly urban environments. The programme commenced with an online orientation session on April 13, 2025, introducing students to the objectives, methodologies, and significance of the initiative. Following the orientation, the students conducted neighbourhood-level pedestrian audits on April 14 and 15, assessing walkability, accessibility, and safety in selected urban areas of Kochi. These audits provided students with a hands-on opportunity to engage with real-world urban issues and evaluate existing infrastructure. The activity was successfully coordinated with the guidance and support of faculty members Ar. Betty Maria Chacko, Ar. Josy Job, and Ar. Angel Roselin.

Study Tour: Thiruvananthapuram and Kanyakumari



Students at the Centre for Development Studies, Thiruvananthapuram

The students of Semester 1&2 along with faculty members Ar. Nikhil Joe Jacob and Ar. Ragashree Nair embarked on their academic study tour to Thiruvananthapuram and Kanyakumari on April 24, 2025, as part of their curriculum focused on exploring the traditional and regional essence of Kerala Architecture. Over the course of four days, the students had the opportunity to visit prominent architectural heritage structures such as the Padmanabhaswamy temple, Centre for Development Studies, Vivekananda Rock Memorial, and other cultural institutions that reflect the rich architectural legacy of the region. The tour included sketching sessions, and discussions aimed at understanding vernacular styles, climate-responsive design, and the use of local materials. The tour concluded with the students returning on April

27, 2025, equipped with valuable insights and inspiration for their academic growth.



Site Visit: Chris Bottle Crafters Garden Center

As part of the curriculum for the Site Planning and Landscape subject, the Semester 4 students of the Department of Architecture, accompanied by faculty members Ar. Subha V.C. and Ar. Ragashree Nair, undertook an educational site visit to Chris Bottle Crafters Garden Center, Muvattupuzha, on May 3, 2025. The visit provided students with practical exposure to landscape design principles, plant selection, and site organisation in a real-world setting. Students engaged in discussions about spatial planning, circulation patterns, and visual composition within a landscaped environment. It also offered insights into the use of native and ornamental plant species, irrigation techniques, and the role of aesthetics and functionality in landscape architecture. The experience reinforced theoretical concepts and encouraged students to critically analyze existing landscape solutions.



Hands-on-Workshop



The Department of Computer Applications conducted a Hands-On Workshop on "Crafting Quality Research Articles and Choosing the Right Journals Ethically" on April 23, 2025. The primary objective of the workshop was to provide a platform for discussing key elements of research quality and guiding participants in the ethical selection of appropriate journals for publication.

Dr. Varun G. Menon, Professor and Deputy Dean of Research & Development at SCMS School of Engineering and Technology (SSET), served as the Resource Person. A total of 31 participants, including research scholars and faculty members, actively took part in the session.

Paper Presentations

Research Scholars, Ms. Anjana V.A, and Ms. Soumya John, presented papers on their research in the Doctoral Colloquium'25 on Research Innovations in Contemporary Social Science Research:

Insights and impact, at SMS, Cochin University of Science and Technology on May 15 and 16, 2025

Student Achievements



Muhammed Aman, student of MBA Batch 22, Second Semester, of the Department of Business Administration, SSTM received the Best Performer Award during his internship at Firm Trade Talks for his efforts in Marketing and Sales.

'Face to Face' : An Introduction to the Four-Year Undergraduate Programme (FYUGP)

A 'Face to Face' programme, sharing details of the four-year degree studies that have begun in universities in the state, was organised on May 14, 2025, at the SCMS School of Technology and Management (SSTM). Churnikkara Panchayat President Ms. Raji Santosh inaugurated the event. FYUGP Master Trainer Dr. S. Sreeja, SSTM Principal Dr. G. Sashi Kumar, and SCMS Bioscience Deputy Director Dr. Sethulakshmi Nair were present at the occasion.



Papers Published

- Ms. Praseetha M.S., Assistant Professor, and Ms. Tania Shine,** Student, IMCA Batch 6 published the paper titled "Enhancing Personalization in Recommendation Systems: A Comparative Study of Machine Learning Models on Netflix Data" in the International Journal of Advanced Research Scientific Analysis and Inferences (IJARSAI) [Peer Reviewed, ISSN: 3049-1789, Vol. 1, No. 1, January 2025]

- Ms. Liji Thomas P., Assistant Professor, and Mr. Renjith Roy,** Student, IMCA Batch 6 published the paper titled "A Comparative Analysis of Monolithic and Microservices Architecture" in the International Journal of Advanced Research Scientific Analysis and Inferences (IJARSAI) [Peer Reviewed, ISSN: 3049-1789, Vol. 1, No. 1, January 2025]

Ms. Tania Thomas, Assistant Professor, Dept. of Business Administration, published a paper in May 2025, titled, 'The Role of Service Quality in Enhancing Customer Loyalty in The Manufacturing Sector: Examining the Mediating Effect of Brand Image' in the conference proceeding of the 6th Rajagiri Management Conference Innovate And Adapt: Building Business Resilience In A Dynamic World (ISBN :978-93-48615-55-8)

Conference

Dr. Dulari S. S., HOD, Department of MBA, served as Chair at the 2nd International Conference on 'Rebuilding Resilient Global Societies in the context of ESG and Disruptive Technologies' on April 4, 2025 at JAIN (Deemed

-to-be University), Kochi. The conference was held in collaboration with the Faculty of Tourism and Rural Development in Pozega, Josip Juraj Strossmayer University of Osijek, Croatia.



Hasta La Vista



The farewell ceremony for MCA Batch 19, titled "HASTA LA VISTA," was organised by MCA Batch 20 on April 25, 2025, in the Seminar Hall. The event was a memorable blend of heartfelt emotions and joyous celebration, featuring experience sharing by faculty and students, engaging videos, interactive games, and lively cultural performances.



SCMS COCHIN SCHOOL OF BUSINESS

Felicitation

On behalf of the SCMS Cochin School of Business **Mr. George Joseph Kalayil, Assistant Professor**, received a memento from Tinker Hub Foundation on May 2, 2025. The Tink Her Hack 3.0 was Kerala's Largest Hackathon for Women, conducted in January 2025. The SCMS Cochin School of Business was the host venue.



Faculty Achievements

Mr. George Joseph Kalayil, Assistant Professor, presented a paper titled "From Clicks to Carts: A Review of Online vs. Offline Grocery Shopping Behavior and Its Implications for Retailers and Consumers at VIPANAN 2025 – International Marketing Conference, which was held on May 9 and May 10 at the Indian Institute of Management Visakhapatnam.

Dr. Neethu Ismail, Assistant Professor, HR, attended the Management Development Programme on Number Crunching on May 9 and 10, 2025, at the DC School of Management and Technology, Vagamon.

Dr. Neethu Ismail chaired the presentation session for the International Conference on Artificial Intelligence and Sustainable Development: Advancing Viksit Bharat for a progressive Future on May 29, 2025. The two-day conference was organised by Cochin Arts and Science College, Kakkanad, in association with Globethics, Geneva and facilitated by the Internal Quality Assurance Cell (IQAC).

Alumni as part of the Business Research Project Viva

Notable alumni—Mr. Ranjith (Vice President, Geojit Financial Services Ltd.), Mr. Santosh Kumar (CEO and Principal Consultant, FOA Business Consults, BuyFacts Inc.), Mr. Vivek Shyam Mohan (Director, AzetAlly Wealth Pvt. Ltd.), Mr. Somy K. Cheruvathoor (Vice President, Popular Vehicles and Services Ltd.), Mr. Bhadraraj (Product Manager, Dynamic Techno Medicals Group), and Mr. Karthik Ajay (Manager – Planning, Indigo Paints Ltd.)—served as external evaluators for the Business

Research Project Viva held on May 27 and 28, 2025, by the Department of PGDM.

Conducted as part of the Research Methodology course, the viva provided an excellent opportunity for students to interact with industry experts and gain insights into current market trends.

The alumni took special efforts to guide the students and shared valuable tips to help them perform well during their internships and final placements.

MOU Signed

With the aim of attracting the younger generation to the civil aviation sector, SCMS Group and the Airport Authority of India have signed an MoU. Training in various areas such as proficiency in science, technology, engineering, and mathematics; internships; and industry-academia collaboration, theoretical knowledge in practical operations and limited on-the-job training related to aviation will be provided. The internship will last from four to twenty weeks. The agreement was signed by Girish Kumar, HR Manager, Airports Authority of India, Delhi, and Dr. Radha P. Thevannoor, Vice Chairman, SCMS Group.

Industry Institute Interaction Seminar

SCMS Cochin School of Business, in association with IQAC, hosted a seminar "Bridging the Skills Gap: What Industry Really Expects from Fresh Graduates," under the Industry Institute Interaction (III) initiative. Mr. Dileep Choyappally, Vice President and Head of Human Resources at NeST Digital Pvt. Ltd. spoke on the occasion about the real-world expectations of the corporate sector, in the current evolving job market.

The session concluded with an interactive Q&A segment.

Seminar

A seminar on Body language and Executive Presence was held as part of the Industry

Institute Interaction(III) in association with IQAC on May 13, 2025, at the Seminar Hall. Life Coach and Corporate Trainer, Reenu Sebastian, addressed the audience.

Faculty Development Program (FDP)

An Industry Faculty Development Programme(FDP) on 'HR Trends and Practices' was conducted on May 2, 2025, at Nest Electronics City. The event was organised by Nest Digital and the Human Resources Department of SCMS Cochin School of Business.

Mr. Sunny Thomas, Director – Corporate Relations, SCMS Group of Educational Institutions, inaugurated the programme. Forty-four faculty members engaged in discussions and sessions focused on contemporary developments in human resource management. The programme was coordinated by faculty members Dr. Lishin M.J. and Dr. Neethu Ismail.



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