

# SPECTRUM

Volume 18 Number 1

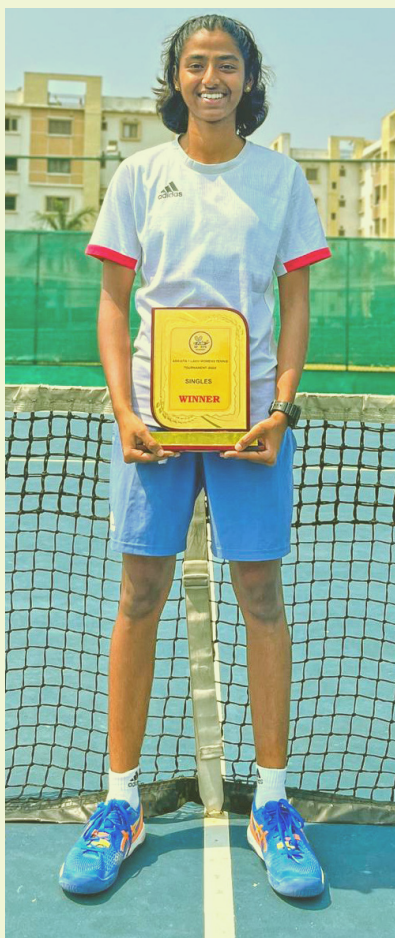


**SRM**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
(Deemed to be University u/s 3 of UGC Act, 1956)

The Newsletter of SRMIST



SRMIST Equestrian player, E Suryaa Aaditya, I-B Tech CSE, secured a Silver medal in the Grade 3 show jumping (125 cm) and a Bronze medal in the 130 cm show jumping in the National Equestrian Championship at the Auroville Horse Show senior national team event.



Tennis Women Player, Ms. Joel Nichole-I-B.Sc(Phy Edn), won the AITA One lakh Tournament held in Hyderabad Recently.



Dr. T.R.Paarivendhar, Founder Chancellor, SRMIST handed over a cheque for ₹ 25 lakh to Nethra Kumanan, who has qualified for Paris Olympics to be held this year in the women's dinghy (ILCA 6) category. Prof. C.Muthamizhchelvan, Vice Chancellor, Dr. S. Ponnusamy, Registrar, Dr. R.Mohana Krishnan, Director (Sports), and C.V.Kumanan and Sreeja Kumanan, parents of Nethra are also present

## SRMIST Honours Olympian Nethra Kumanan with ₹25 lakhs

Stating that India was witnessing record growth in all round sectors, including emerging as a global economic leader, the country was also emerging as a power to reckon with sports at the world level, Dr. T.R.Paarivendhar, Honourable MP, and Founder & Chancellor, SRM Institute of Science and Technology, said recently. Addressing the gathering at an event to honour Nethra Kumanan, who has qualified for Paris Olympics to be held this year in the women's dinghy (ILCA 6) category, Dr. Paarivendhar lauded the hard work, commitment, and determination of the athlete to qualify for the Olympics and represent India. Ms. Kumanan who completed her B.Tech in Mechanical Engineering from SRMIST, is currently pursuing her MBA from SRMIST.

Dr. Paarivendhar said that SRMIST was the one and only higher educational institution in India to support and promote sports. "We have been supporting athletes on a scale no other institution can do. We spend more than Rs. 25 crore per year on athletes, and infrastructure. We have recently work on a Swimming Pool that has been built matching international standards. It can even host Olympic events. Work is also on to complete an intergrated sports complex with provisions for a hostel to accommodate 1,000 students," he said, adding that

the gallery of the new swimming pool would be named after Ms. Kumanan. Among the 600 universities associated with Khelo India Games, SRMIST stood at no. 16, he said, reflecting their commitment to sports development. On the occasion, Dr. Paarivendhar also handed over Ms. Kumanan's B.Tech Degree Certificate as due to her training commitment, she could not attend the convocation when it was held last year. He handed over a cheque for Rs. 25 lakh to Ms. Kumanan, and also honoured her parents - C.V.Kumanan and Sreeja Kumanan.

In her acceptance speech, she thanked Dr. Paarivendhar, the leadership and management of SRMIST, the Directorate of Sports, and everyone for their continued support and encouragement, which she said was the most important reason to fare well at the international level in sailing. She said that she would give her best to bring laurels to India and SRMIST. In his address Prof. C.Muthamizhchelvan, Vice Chancellor, said that they had been supporting team events for a long time, but it was only with Ms. Kumanan, that they had started supporting individuals who had shone brilliantly at the national and global stage. Dr. S. Ponnusamy, Registrar also spoke. Dr. R.Mohana Krishnan, Director (Sports), welcomed the gathering.



# SRMIST conducts International Bioethics workshop on connect with AI

## STAFF WRITER

Artificial Intelligence should only benefit human kind, and there should be a greater involvement of youth, who will be working on its applications in the future, Dr. P.Sathyanarayanan, Pro Chancellor, (Academics), SRM Institute of Science and Technology said.

Delivering his Presidential Address at an International Bioethics Workshop on Connect with Artificial Intelligence (AI), he said that since the dawn of civilisation, human kind was faced with the daunting challenges to distinguish good from bad, right from wrong, ethical from unethical. "Great minds in the world of science and technology have been cautioning about the use of AI. Any application of AI should be used only for the benefit of human kind and not for anything else," Dr. Sathyanarayanan remarked.

### Work towards a responsible future:

Lauding institutions and people for coming together to organise the workshop, Dr. Sathyanarayanan said the event could not have been hosted at a more appropriate time. The world was currently witnessing great technological advancements especially in the areas of sophisticated areas like AI. At the current

juncture, bringing together experts from medicine, science, engineering, management and law was a good steps towards a responsible future.

The three-day workshop - Connect AI – Collaborative Opportunity to Navigate and Negotiate Ethical Challenges and Trials with Artificial Intelligence, is organised jointly by SRMIST, and The International Department of Education – International Chair in Bioethics.

Dr. Vedprakash Mishra, Secretary General of International Council of Global Network for Medical, Health Professionals & Bioethics Education, in his inaugural address, said the field of medicine mandated empathy, socialisation, humanisation, touch, apart from artistic and scientific contributions. With advancements in medical technology and greater role of robotics in healthcare, accountability assumed a huge role. Mr. Mishra added that all stakeholders in this area should take a holistic view of AI, its advantages and disadvantages, and the ethical conundrums of its applications. With AI becoming an inevitable element in medical treatment, its concerns and challenges should be deliberated in detail.

In his keynote address, Prof. Russell Franco D'Souza, Head and Chair of the Department of



Dr. P.Sathyanarayanan, Pro Chancellor, (Academics) SRMIST, at the inauguration of Connect AI – Collaborative Opportunity to Navigate and Negotiate Ethical Challenges and Trials with Artificial Intelligence. Others in the picture are (from left): Prof. Nitin M. Nagarkar, Dean, SRM MCH & RC, Dr. Lt. Col. A.Ravikumar, Pro VC, Medical and Health Sciences, Dr. Vedprakash Mishra, Secretary General of International Council of Global Network for Medical, Health Professionals & Bioethics Education, Prof. Russell Franco D'Souza, Head and Chair of the Department of Education International Program and International Chair in Bioethics, and Prof. Mary Mathew, Head, Indian Program and Secretary General Association of Medical Education of India.

Education International Program and International Chair in Bioethics, said the coming together an interdisciplinary gathering was very important and that a lot could be achieved by people coming together instead of working in silos. While AI had changed the entire landscape of healthcare, with better innovation and precision in diagnosis, and management, some of the daunting challenges need to be addressed, Prof. D'Souza added.

Prof. Mary Mathew, Head, Indian Program and Secretary General Association of Medical Education of India, outlined the core objectives of the workshop and how the deliberations would be taken forward.

Earlier, while welcoming the gathering, Dr. Lt. Col. A.Ravikumar, Pro Vice Chancellor, Medical and Health Sciences, said the workshop will explore the impact of AI in healthcare, apart from offering a glimpse into the wide realm of Bioethics. This was among the few occasions where practitioners from diverse fields – medicine, engineering, management, and law on a single platform to deliberate a crucial aspect of healthcare. Prof. Nitin M. Nagarkar, Dean SRM Medical College Hospital & Research Centre, thanked the gathering.

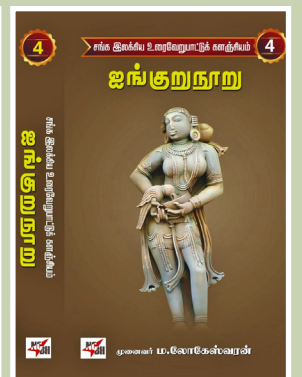
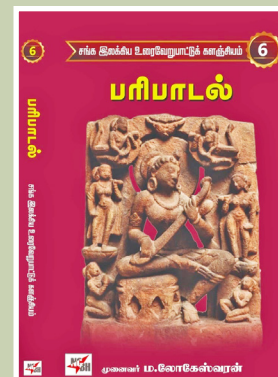
### The key objectives of the workshop include:

- Enhancing awareness on ethical implications of AI in Healthcare Technology
- Exploring relevant Ethical Frameworks and Principles.
- Addressing specific challenges in AI-driven Healthcare systems.
- Fostering critical thinking and ethical decision-making skills
- Promoting responsible and evidence-informed AI implementation

Faculty from medical, dentistry, nursing, allied Health Sciences, engineering, and law took part in the workshop, organised with the objective of creating a deep understanding of ethical issues surrounding AI and health. Faculty, researchers, scholars, experts, and leaders of global and national institutions working in the sphere of medical education, made their presentations and moderated sessions on a range of topics including AI's impact on healthcare, ethical conundrums of AI's implications in healthcare, technology, and research, balancing human judgement and AI recommendations in decision-making, evidence-informed best practices and guidelines, and action planning for responsible AI among others.

பரிபாடல் உரைவேறுபாட்டுக் களஞ்சியம், ஐங்குறுநூறு உரைவேறுபாட்டுக் களஞ்சியம், ஆகிய இரண்டு நூல்களை ஏப்ரல் 2024 இல் அறிவியல் மற்றும் கலையியல் புலத்தின் தமிழ்த்துறை உதவிப் பேராசிரியர் முனைவர் ம. லோகேஸ்வரன் வெளியிட்டுள்ளார். இந்நூல்களைச் சென்னையிலுள்ள நியு செஞ்சுரி புத்தக நிறுவனம் வெளியிட்டுள்ளது. சங்க இலக்கியங்களைப் புரிந்துகொள்வதற்கு உரைகள் பெரும்பங்கு வகிக்கின்றன. அவ்வாறு எழுதும்பொழுது சொற்கள், தொடர்களுக்கு எழுதப்பட்ட விளக்கங்கள் வேறுபட்டிருப்பதைக் காணவியலுகிறது. அவ்வேறுபாட்டுப் பொருத்தங்களைக் காரண, காரியங்களுடன் ஆய்வு செய்கின்றன இந்நூல்கள்.

வெக்கையைத் தணிக்கும் ஊமச்சி எனும் கவிதை நூல் மார்ச்சு 2024 இல் வெளிவந்துள்ளது. சமூகத்தில் நிகழக்கூடிய எதார்த்தங்களை அழகியல் தன்மையுடன் வெளிப்படுத்தியுள்ளது இந்நூலைப் பரிசல் புத்தக நிலையம் வெளியிட்டுள்ளது.





## Universities should focus on Research and not just offer Degrees says Dr.T.R.Paarivendhar

The role of educational institutions, especially universities should not just be restricted to giving degrees, but also at the same time, focus on research, innovation, and inventions, Dr. T.R.Paarivendhar, Honourable MP, and Founder & Chancellor, SRM Institute of Science and Technology, said.

### Research should benefit the world:

Presiding over the inaugural function of the International Conference on Advanced Functional Materials and Devices – AFMD 2024, Dr. Paarivendhar said that young researchers and scholars, ably assisted by faculty and their institutions should focus on productive research, and also in the process patent their inventions. He added that such fruitful research should benefit society, not just in India, but all over the world. He said it was a matter of great pride that SRM was the pioneer in introducing Nanotechnology as branch of specialisation, adding they invested about Rs. 50 crore

on facilities and resources on Nanotechnology. Appreciating the Nanotechnology Research Centre of SRMIST for organising the conference on a grand scale with participation from some of the premier technical institutions the world over, Dr. Paarivendhar said 170 globally eminent scientists from 33 countries would be sharing their expertise. In his Inaugural Address, Dr. Ashish Lele, Director, National Chemical Laboratory, Council for Scientific and Industrial Research, said advancements in material sciences had today spanned in different applications and advanced the functionality of materials, thereby getting incorporated in various devices. Stating that material science went hand in hand with human civilisation, Dr. Lele traced mankind's experiments with various materials through stone, iron, and bronze ages. Nanotechnology, he said became very popular during the middle of the 29th century, and the next revolution, he added would be in the sphere of bio



Dr. T.R.Paarivendhar, (third from right) Founder Chancellor, SRM Institute of Science and Technology, interacting with Dr. Ashish Lele, Director, National Chemical Laboratory, Council for Scientific and Industrial Research, at the inaugural of the International Conference on Advanced Functional Materials and Devices – AFMD 2024, at SRMIST.

materials. The challenges ahead, he said would be its complete understanding and how engineers could synthesise these materials in the labs, considering complex issues in a sustainable and circular economy.

### Hydrogen Fuel Cell powered Catamaran launch:

Later in a brief chat with media on the sidelines of the conference, Dr. Lele said they would be launching India's 1st fuel cell Catamaran prototype at Kochi Shipyard on Wednesday, 28 February – National Science Day. "We are very happy that India has taken a big bet on hydrogen. This is an area which is evolving, and we are very proud. We feel that hydrogen will be one of the solutions as it has its own niche area of applications. Whether it is refining, chemical, or fertiliser industries, replacing grey hydrogen emitting Co<sub>2</sub> with Green Hydrogen with much less

emissions is going to decarbonise important sectors. These are the first steps and the next step will be mobility.

"The catamaran that I talked about is green hydrogen's fuel cell powered in the shipping sector, where India has tremendous potential for making and using hydrogen. We, along with an industry partner developed fuel cells which converts hydrogen and oxygen into electricity without burning it. The fuel cell devices are much more efficient than any internal combustion engine and the only by-product is water and this is completely non-polluting. When this fuel cell is used to fit into vehicles including catamarans, or buses and trucks, that carry a lot of weight, they can drive longer. These devices are extremely useful for long and heavy commercial transportation," Dr. Lele added. Dr. M.Navaneethan, Convenor, AFMD

2024, welcomed the gathering. Prof. C.Muthamizhchelvan, Vice Chancellor, SRMIST, delivered his special address. Dr. Dinakar Kanjilal, Former Director, Inter-University Accelerator Centre, (IUAC), New Delhi, Guest of Honour, lauded SRM for hosting the international conference, adding that the institution's programmes were creating a huge impact nationally and internationally. Dr. S.Ponnusamy, Registrar, also spoke. Dr. Kanjilal received the Lifetime Excellence Award on the occasion from Dr. Paarivendhar. Prof. D.K.Aswal, Director, Health Safety and Environment Group, BARC, Mumbai, and Prof. Kazuhiko Hara, Dean, Graduate School of Medical Photonics, Shizuoka University, Japan, received the Outstanding Achievement Awards on the occasion. Dr. E.Senthil Kumar, Convenor, AFMD, 2024, thanked the gathering.

## International Conference on Bioengineering held at SRMIST

The School of Bioengineering at SRM Institute of Science and Technology (SRMIST), organised a three-day international conference on "New Horizons in Bioengineering: Fostering Academia-Industry Partnership." The inauguration ceremony of the conference was graced by the esteemed presence of Prof. Rakesh Kumar Mishra, Director of the Tata Institute for Genetics and Society, Bangalore. It was presided over by SRMIST's Vice-Chancellor, Prof. C. Muthamizhchelvan. The conference proceedings, encompassing approximately

300 abstracts for oral and poster presentations, were released on the occasion. Distinguished scientists and industrial leaders from across the globe participated in this significant event. Notable figures such as Prof. Nicola Patridge from New York University College of Dentistry, USA; Prof. Chandra Varma from the Bioinformatics Institute, Singapore; Prof. Steeve Thany from the University of New Orleans, France; Prof. Satoshi Murakami from the Tokyo Institute of Technology, Japan; Prof. Ahmad Ziad Sulaiman



from the University of Malaysia Pahang, Malaysia; and Prof. Wan Khairunizam Wan Ahamad from the University of Malaysia Perlis, Malaysia, delivered groundbreaking lectures during the conference. Additionally, renowned speakers

from India will share insights across various scientific domains and their implications for human medicine. The conference saw over 800 participants, including representatives from different colleges across states and industrial

stakeholders, the conference promises to be a transformative experience. The attendees had the opportunity to explore stalls showcasing the latest instruments and biotechnology-based innovations from various companies.



SRMIST Badminton players, Mauryan II MBA & Vimal Raj I M.SC Yoga Won Gold Medal in the Tamil Nadu State Senior Ranking Badminton (Men Doubles) tournament held in Chennai from March 29th March to 3rd April 2024.

Also our SRMIST Badminton Player V.Nila II MBA- and R.Pravandhika I BBA Won the Silver in the Tamil Nadu State Senior Ranking Badminton (Women Doubles) tournament held in Chennai.



## World record event on self-examination of oral cavity SRM Kattankulathur Dental College and Hospital

A record-breaking event of 4,000 students in the age group between 14 and 21 coming together under a single roof for an awareness programme and demonstration of self-examination to detect oral cancer, was held at SRM Kattankulathur Dental College and Hospital.

The event was organised by the Department of Oral Pathology and Microbiology. The students were taught about the importance and means for "self-detection" of the oral cavity that helped in detecting early signs of oral cancer. The training session was followed by students performing self-examination on them.

The students, through illustrations, and instructions were taught to lift their tongue and observe for any unusual colour change. The students were also coached on pressing their finger along the floor of the mouth to feel for any

possible lumps, swellings or ulcers.

The students were asked to make a note of anything unusual and were told that through simple non-invasive tests, oral cavity disorders and even oral cavity cancers could be prevented and treated if diagnosed early.

Among those who were present on the occasion included Pro Vice Chancellor, (Medical), Dr. Lt. Col. A.Ravikumar, Pro VC, FSH, Management, Law, Dr. A.Vinay kumar, Secretary, Indian Association of Oral and Maxillofacial Pathologist, Dr. Nadeem Jeddy, Dean (S&H), Dr. A.Duraisamy, Deputy Dean, S&H, Dr. S.Albert Antony Raj. The event was officially recorded by 'Kalam's Book of World Records.' Certificates and medals were received by Vice Principal and Head of the Department, Prof. Dr. K.T Magesh.



### REPORTING FOR SPECTRUM

- Contributing reports should be confined to a maximum of 250 words and must be written by students only.
- Request for coverage in Spectrum by its editorial team must be made well in advance with an accompanying note and the invitation to spectrum@srmist.edu.in
- Coverage of a certain event or receipt of an article does not guarantee publication.
- Accompanying pictures must have captions. Pictures without caption will not be published -Editor

## Tie-up will pave way for collaborative research, training SRM MCH & RC signs MoU with PRAI



SRM Medical College Hospital & Research Centre (SRM MCH & RC) Kattankulathur, recently signed a Memorandum of Understanding with Parkinson's Research Alliance of India (PRAI), Kondapur, Telangana to work together and pave the way for collaborative research in Neuro Movement Disorders, especially Parkinson's Disease.

The MoU was signed in the presence of Dr. P. Sathyanarayanan, Pro Chancellor (Academics), SRM Institute of Science and Technology (SRMIST) during the 2nd International Neurology Symposium. The MoU will facilitate collaborative research and training, student training, faculty exchange, in addition to sharing of instrumentation, national and international conferences and continued medical education programmes.

Speaking about the development, Dr. Sathyanarayanan said: "The MoU, an one of its kind initiative is part of our efforts to bring world class excellence and to take up pioneering research work in all areas of healthcare. The primary objective of this MoU is to bring relief to people in Tamil Nadu," he said.

Alzheimer disease and Parkinson disease were the top two Neuro degenerative diseases in USA, affecting 1.5 million people, and in India, the number could be much higher and SRM MCH&RC would contribute its might to address this complex health issue, Dr. Sathyanarayanan added. The MoU was signed in the presence of Dr. Sathyanarayanan by Dr. Lt. Col. A. Ravikumar, Pro Vice Chancellor, Medical and Health Sciences (SRM MCH & RC) and Prof Rupam Borgohain, Director of Parkinson's Research Alliance of India

(PRAI) The International Symposium, held at Hippocrates Auditorium of SRMMCH & RC, saw eminent Neurologists and Professors from UK, Poland, Romania, Italy, Dubai taking part along with Indian Professors. The event focussed on Movement Disorders and Biomarkers for Parkinson's disease, apart from throwing light on latest developments and Research to diagnose and treat them.

Speakers, that included distinguished medical professors and experts, said Early diagnosis and appropriate therapy - both Medical and Surgical were spoken in length. The MoU has already facilitated collaborative research in Neurology. The speakers said two new methods of treatment are likely to be introduced in India for which Clinical Trials will be conducted in at SRMMCH & RC.

Prof. Nitin M. Nagarkar, Dean (Medical) SRMMCH & RC, welcomed the gathering, and Prof Rupam Borgohain, delivered the Keynote Address. Prof S.Arunan, Professor & Head, Department of Neurology, SRM MCH & RC, thanked the gathering.

The inaugural ceremony was followed by deeply engaging and invigorating sessions including Biomarkers in Parkinson's Disease, Better Delivery of Dopamine: Patch and Infusion Therapies, and Approach to Movement Disorders, New Drug Development and Clinical Trials.

### About PRAI:

PRAI is a consortium of clinicians from academic and research centres in India committed to the research of Parkinson's disease and related disorders.



## EPSI Roundtable Discussion on Higher Education in India held at SRMIST

*Educational institutions in engineering have a greater role to play in nation building: AICTE Chief*

Educational institutions for engineering have a greater role to play in the process of nation building, said Prof T G Sitharam, Chairman of AICTE.

He was speaking at the inauguration of a round table discussion on 'Higher Education in India: Opportunities and Challenges in the context of NEP Implementation' at SRM Institute of Science and Technology premises at Kattankulathur.

The event was organised by Education Promotion Society for India (EPSI) in association with SRM Institute of Science and Technology (SRMIST). There are a lot of AICTE approved educational institutions for engineering and they graduate over 1.4 million students every year. These students have always kept India in great strides.

Pointing towards the well-known Indian space venture Chandrayaan, Prof Sitharam said the role of students coming from these engineering educational institutions had a prominent contribution. Engineering talent generated in India has proved its mettle

across the globe, it has tasted success. It is a matter of great pride that engineers from this nation have set their foot in the most popular companies located on foreign shores.

Our talent has become globally well-known, we have achieved a lot, this has to be taken to the next level and NEP has a major role to play in it. We are the third largest country in bringing out research publications. Our position stands the same in patent producing, he said. This has to be taken to the next level. Stressing the need to encourage core engineering, he said they would soon be bringing about 5000 scholarships for students to attract them towards core engineering disciplines. He further said NEP has various fine points and stressed towards implementation of it. All the stakeholders must come together to work towards successful implementation of the policy, he said.

Dr S P Thyagarajan, former vice chancellor of University of Madras said NEP 2020 has a road map for making India a developed



nation. While the progress is achieved, we must stay connected to our roots.

Pro Vice Chancellor of SRMIST Dr P Sathyanarayanan said the nation has come a long way from times when government educational institutions used to play a crucial role to the present times when private educational institutions are playing a lead role in development of the country. Things were not easy for private individuals to start educational institutions, there was a viewpoint that the private sector did not have the required capacity to establish an educational institution in the field of higher learning. It is happy to note that there is a change in that situation now, and private institutions also have earned a great name in the field of education. Their fame in the field of engineering and other fields stands high, he said. There

is more to be achieved and institutions like AICTE must be the facilitators for the progress of higher education in the country, he said.

Dr M R Jayaram, Chancellor of Ramaiah University of Applied Sciences, Bengaluru said the interest of the students must be the top priority. Governments, universities, state governments and colleges have to work together for that, he said.

Private institutions must play a bigger role in fostering knowledge development. There should be a greater stress on outcome-based education, he said. D P Singh, former chairman of UGC also spoke. Dr H Chaturvedi, Alternate President of Education Promotion Society for India (EPSI) welcomed the gathering. P Palanivel, Secretary General, EPSI proposed the vote of thanks.

## SRMIST, ARAI-AMTIF sign pact to promote innovation and help in creating Startups

SRM Institute of Science and Technology and Automotive Research Association of India - Advance Mobility Transformation & Innovation Foundation (ARAI-AMTIF) held on recently signed a Memorandum of Understanding as part of the two institutions' commitment to skill enhancement, encouraging innovations in cutting-edge areas of mobility to bring about a transformative change. The MoU is yet another instance of SRMIST's commitment to offer its students

exposure to world class training and hands-on experience in handling sophisticated areas of technology. The MoU will be mutually beneficial to students as well as researchers and experts from Pune-based ARAI-AMTIF – the premier automotive R&D organisation established by Automotive Industry along with the Government of India. The MoU includes varied programmes including Startup development workshops, lectures, seminars, webinars, and skill-building activities

apart from facilitating internships, in addition to design, development, and delivery of programmes and projects. Speaking on the occasion, Mr. Sandeep Ambare CEO, ARAI-AMTIF, said the two institutions had a shared vision of driving innovation-led growth and the industry-academia partnership would accelerate advancements with hands-on training to catalyze transformative change and address contemporary challenges through innovation and technology. Dr. S.Ponnusamy, Registrar, SRMIST, said the MoU would pave the way for new ideas, innovation, apart from creating opportunities for co-incubation of Startups. The collaborative learning would be mutually beneficial and students, especially, would be skilled enough to be 'industry-ready.' Dr. R. Ananth Kumar, Chief Innovation Officer, SRMIST, Dr. Shantanu Patil, Associate Director, Entrepreneurship and Innovation, SRMIST, and Dr. C. Bharatiraja, Head, Centre of Electric Mobility, were among others present on the occasion.



Sandeep Ambare (second from left), CEO, ARAI-AMTIF, and Dr. S.Ponnusamy (third from left), Registrar, SRMIST, exchanging a MoU on. Others in the picture include (from right), Dr. R. Ananth Kumar, Chief Innovation Officer, SRMIST, Dr. C. Bharatiraja, Head, Centre of Electric Mobility, and Dr. Shantanu Patil, Associate Director, Entrepreneurship and Innovation.

## Beacon for Inspiration for SRMIST community-Vote for Better India-Rally

The Department of Computer Applications, Faculty of Science and Humanities, at SRM Institute of Science and Technology (SRMIST) conducted a resounding Vote for Better India Rally support on 11, March 2024 led by Dr.S. Albert Antony Raj, Head- Department

of Computer Applications, Deputy Dean, (FSH, SRMIST) along with staff members, enthusiastic participation from numerous students, the event exemplified the collective dedication to driving positive change and fostering a more prosperous nation.





## Rs.1.13 crore seed funding granted to 10 SRMIST Start-ups

As part of the Start-up India National Innovation Week initiated by the Department for Promotion of Industry and Internal Trade (DPIIT), The Directorate of Entrepreneurship and Innovation, SRM Institute of Science and Technology (SRMIST), Kattankulathur celebrated 'The National Start-up Day'. The event was inaugurated by SRMIST's Vice Chancellor Dr. C. Muthamizhchelvan. 10 start-ups from the Med-Tech, Food Tech, Deep Tech, D2C and Waste management sectors were granted seed funding of Rs.1.13 crore under the DPIIT, Startup India Seed fund Scheme (SISFS). The event brought together start-up founders, aspiring entrepreneurs, industry experts, and students to recognise the innovations and

entrepreneurial efforts on campus. The event aimed to encourage and showcase the entrepreneurial spirit among the student start-up community, providing them with valuable insights and opportunities. The Directorate of Entrepreneurship and Innovation (DEI) has since 2015 worked to develop and foster the culture of Innovation and Entrepreneurship within the campuses of SRMIST. The directorate supports and enables start-ups across the country by providing vital facilities and seed funds. Right from the inception of an idea into a market ready product, the DEI team enables teams/start-ups to achieve success in their start-up journey. DEI SRMIST also supports founders through the Start-up India Seed Fund



Scheme (SISFS). The mentors offered vital direction, encouragement, and counsel to assist the SRM Start-ups in navigating the complexities and challenges they encountered. Furthermore, they exchanged perspectives on obtaining capital, growing

their enterprises, and optimising their prospects for achievement. Through their interactions with the entrepreneurs driving these endeavours, start-up founders were able to acquire a greater grasp of the wide spectrum of ideas and solutions.

## National Conference on Recent Trends in Mathematics and its Applications



The Department of Mathematics, SRMIST, VDP campus, organized a National Conference on Recent Trends in Mathematics and its Applications (NCRTMA 2024) for two days (16th and 17th April, 2024).

The conference was inaugurated by Dr. M. PITCHAIMANI, Director and Head, Ramanujan Institute for Advanced Study in Mathematics, University of Madras, and Chennai, along with Dr. C. V. JAYAKUMAR, Dean (FET), SRMIST-Vadapalani, and Dr. C. RAJESH, Head of Department of Mathematics.

The valedictory function marked the culmination of a successful conference, celebrating the contributions of participants and speakers. The conclusion of NCRTMA 2024 included a

thought-provoking address by our esteemed Chief Guest, Dr. J. DANIEL CHELLAPPA, Eminent Nuclear Scientist, Chennai. The Chief Guest delivered an inspiring talk, highlighting the importance of mathematics in addressing societal challenges and fostering innovation.

The conference's objective was to create a forum for updating current research trends and to interact exclusively to rekindle knowledge for exploration in the mathematical domain. All the invited participants and the delegates expressed their utmost satisfaction with the successful organization of this conference and exhibited a desire to accomplish their on-going problems with rational logic and a probable solution.

## Gravity 2.0 - an Inter College Literary Fest



Gravity 2.0 an Inter College Literary Fest organized by SRM B.Tech Gravity Organizing Committee in collaboration with World Poetry Day. The event aimed to explore cultural identity through literature, with a special focus on poetry. It was held on 22nd April 2024, at the Auditorium and C Wing classes in Vadapalani, Chennai.

- To provide a platform for students, scholars, and enthusiasts to explore and discuss various aspects of literature, focusing on poetry.
- To promote intellectual exchange, critical engagement, and cultural preservation through literary analysis and discussions.
- To foster a sense of community among literary enthusiasts and encourage networking and collaboration.

The event targeted students from various disciplines including B.Tech, MBA, BBA, B.Com Honors, B.Com, BCA, BSC Visual Communication, and all Arts & Science Courses. Over 100 participants attended the event.

- Academic Ramble: A lively competition where two families competed to guess the most popular survey answers.

- Heads Up: A charades game testing acting and guessing skills.
  - Slam Poetry: A competition where poets delivered original, emotive works.
  - Guess the Whisper: A game of misheard messages.
  - IPL Auction: A strategic bidding event to create the ultimate squad.
  - Flinch: A test of nerve and focus.
- Gravity 2.0 was highly relevant as it:
- Facilitated academic exchange and promoted intellectual growth.
  - Helped in preserving cultural heritage by analyzing and celebrating literary achievements.
  - Provided a platform for critical engagement with literary texts, fostering discussions.
  - Built a sense of community within the literary world.

Gravity 2.0 was a successful event that achieved its objectives of exploring cultural identity through literature, especially poetry. It provided a platform for intellectual exchange, critical engagement, and cultural preservation, while also fostering a sense of community among literary enthusiasts.



## SRMIST athlete Excels in youth Tamil Nadu athletic meet



The SRM-IST athlete secured medals in the following categories: Tamil Nadu Physical Education Sports University, Melakottaiyur, Chennai, will host the 5th youth Tamil Nadu athletic meet from May 18th to 19th 2024.

Premnath Subramaniam, 1500, 4X400, Gold, Mohanraj, 4X400, Gold, Ashok Kumar, 4X400, GOLD, Jayakumar, DECA, Silver, Sathyanarayanan, Long Jump Gold 4X100, Silver, Huber Sherien, High Jump, Bronze Sonaimaikandan, 800M -Silver, Mixed Relay 4x400, Bronze

## SRMIST Education Fair

On April 2nd and 3rd, 2024, the Department of Electronics and Communication Engineering, SRMIST, Vadapalani Campus was represented at the Dina Thanthi-SRM Education Fair by Dr. S. Karthik and Mr. A. Dinesh Babu respectively. Their presence aimed to enlighten students about the various courses offered by the department.

Dr. S. Karthik and Mr. A. Dinesh Babu took the opportunity to elucidate the prospects and opportunities available for students in the field of Electronics and Communication Engineering. They provided detailed insights into the courses offered by the department, emphasizing the relevance and importance of each program in today's dynamic technological landscape.

The Daily Thanthi-SRM Education Fair serves as a platform to guide students in making informed decisions regarding higher education after completing their Plus-2 studies. The presence of representatives from the Department of ECE further enriched the fair by providing valuable information and guidance to aspiring students interested in pursuing a career in this field.



## FSH, SRMIST inducts Freshers



SRMIST Vice Chancellor Prof.C.Muthamizhchelvan felicitates the Chief Guest Mr.K.Purushothaman, CST at the Freshers Induction Programme of FSH, in the presence of Dr.Vinaykumar, ProVC, SBL, Dr.A.Duraisamy, Dean, FSH and Dr.S.Albert Raj, Deputy Dean FSH

The Faculty of Science and Humanities (FSH) at SRM Institute of Science and Technology (IST) organised its 21st induction program on 3rd July 2024 at Dr T P Ganesan Auditorium, Kattankulathur Campus, Tamil Nadu. The induction program drew more than 2600 students who are inducted in the Faculty of Science and Humanities at the SRMIST. The students for the batch of 2024-25 attended the induction program with their parents.

The induction program witnessed the presence of the SRMIST's Vice Chancellor, Prof. C. Muthamizhchelvan, Pro-Vice-Chancellor (SBL) Dr. Vinay Kumar, Director Communication, Mr. Nanda Kumar, Director Sports Dr. Mohana Krishnan, Dr.D.John Thiruvadigal, Dean of Sciences in attendance along with the Dean of Faculty of Science and Humanities, Dr A Duraisamy and Deputy Dean (FSH) Dr. S. Albert Antony Raj among others. The chief guest for the Induction program was Mr. K. Purushothaman, head of Government Affairs (State) at Cognizant Technology Solutions Chennai. It also included the Directors, HODs and other dignitaries.

The induction program began with the State anthem of Tamil Nadu, Tamil Thai Valthu followed by a welcome address by the Dean from the Faculty of Science and Humanities. Dr.Duraisamy welcomed the Vice chancellor, Prof. C. Muthamizhchelvan, Pro-Vice-Chancellor (SBL) Dr. Vinay Kumar, along with the Chief Guest for the occasion, Mr. K. Purushothaman. In his welcome speech, Dr.Duraisamy, the dean of the Faculty of Science and Humanities, SRMIST, extended a heartfelt reception to both the students and faculty members. He assured everyone present that the



university was committed to meeting and fulfilling the aspirations and hopes of the students and their parents. The dignitaries in attendance were honored and felicitated for their presence. This was followed by a brief lamp lighting ceremony. Dr. Vinay Kumar, Pro-Vice-Chancellor (SBL) of SRMIST, delivered the inauguration speech with a spirit of politeness and authority. He addressed both students and parents with great generosity, discussing the importance of unlearning more than learning in a student's life. He emphasized how students need to unlearn certain habits and relearn others that would aid in personal development. He assured that faculty members would always be there to support each student. Prof. C. Muthamizhchelvan, Vice-Chancellor of SRMIST, highlighted the achievements of SRMIST in national and international rankings, emphasizing their importance for any institution. Mr. Purushothaman, the chief guest, captivated the audience with a blend of Tamil and English, fostering a warm and engaging atmosphere. He congratulated the fresher's on their admission

to SRM Institute of Science and Technology, emphasizing the significance of this milestone in their academic and personal lives. He highlighted the transformative power of education and encouraged students to embrace the myriad opportunities that lie ahead. Drawing from his own experiences, Mr. Purushothaman reflects on the challenges he faced during his educational journey, underscoring that perseverance and hard work are essential for overcoming obstacles. He shares anecdotes that illustrate the importance of resilience and adaptability, inspiring students to remain determined in the face of difficulties. He motivated them to adopt a curious mindset, urging them to ask questions, seek knowledge beyond textbooks, and engage in critical thinking. Moreover, he emphasized the value of teamwork and collaboration, reminding students that success is often achieved through collective effort. In a rapidly changing world, the ability to work well with others is crucial, and he encouraged students to build strong relationships with their peers.



## “Apprentissage du Français : Elements Grammaticaux, Phonétiques et Culturels à Maîtriser”



One-Day Workshop got underway with traditional, Culture, with a performance of Tamil Thai Vazhtu and a ceremonial lighting of lamp, which stood for the wisdom and enlightenment that the program sought to impart. The welcome address given by K. Kumaravel, the Head of the Department, Faculty of Science and Humanities, SRMIST, gave a hearty welcome to all guests, dignitaries and the importance of language and cultural interchange in the modern, globalized world. The keynote address was given by the distinguished Chief Guest, Dr. R. Venguattaramane, UGC Emeritus Professor, Pondicherry University. He shared with the audience his knowledge of nonverbal communication through body language, the advantages of studying abroad, and the benefits of learning French. He explained the phonetics and culture. The special inaugural address given by Dr. Thomas Chaumont, French Language Attaché, explored the complexities of French culture and clarified the subtleties of French language exams, captivating the audience. He said that the French President welcome other country students for higher studies. He discussed and interacted with students to exchange culture in France.

The Chief Guests presented medals to the top achievers for the academic year 2022–2023 students in recognition of their outstanding work and commitment to learning in French Language. The Zephyr Club Office Bearers participated in a fun photo shoot that captured the attendees' excitement and sense of togetherness as the event came to a close. The students are enriched and enjoyed this session. The vote of thanks are delivered by Miss Divya Dharshini, Teaching Associate, Department of French, Faculty of Science and Humanities. The afternoon session was resumed by Dr.C.Thirumurugan, Professor and Head, Department of French, Pondicherry University, with titled “Les éléments Culturels dans la méthode “Génération” which indeed was an interactive session carried out thoroughly with all the cultural elements connected in the book “Génération A1”. He explained the importance of grammar, French civilization, and day today life in French. He is interacted with the students and clear the conflicts while learning of the foreign language. The students are enjoyed as well as to involve the entire session.

## ISO audit on Environmental Management System held at SRMIST



The first surveillance audit for the Environmental Management System of SRM Institute of Science and Technology was held on 22.05.2024.

The certifying body recommended continuous status of ISO 14001:2015 standard status for the SRM Institute of Science and Technology.

## Discovering the “Recent Trends in Digital Journalism”

The Department of Journalism and Mass Communication, Faculty of Science and Humanities, KTR Campus conducted a Five Day Lecture Series on “Recent Trends in Digital Journalism” from the 12th to the 16th of February 2024. The department brought together distinguished speakers, thought leaders, and experts from the media industry to share their knowledge and insights. The topics spanned from the realm of mass communication to create a stimulating journey amongst the students. The first day of the lecture series was inaugurated by Prof Dr. V Natrajan, Former Head, Department of Journalism & Mass Communication, Periyar University. He addressed the young journalists on the topic, “Anchoring media teaching and learning in the AI context” highlighting the future of AI giving the audience a reality check. He extended the conversation with thought-provoking ideas inspiring us to think differently. To explore the intricacies of script writing, Mr. Rahgav, an inspiring film maker, shared his knowledge on the creative process behind bringing stories to life on the screen. He addressed the students on the topic, “Crafting captivating stories: The art and science of scripting and filmmaking”. He started the lecture by showing iconic screen writings breaking the secrets behind it and he delved into showing his works to give a comprehensive understanding of the craft. He concluded the session with an interactive Q&A that helped the students broaden their knowledge on the topic. In a compelling and insightful lecture, Mr. Vijayan Ramalingam, News Anchor, Puthiyathalaimurai, shared the intricacies of broadcast journalism inspiring our students in every aspect. Starting from his life experiences to sharing his expertise on how to create a future in



the television news protection industry, his words were extremely relatable, well-nuanced and thought-provoking. On the 4th day, Dr. Neena Gayatri, COO of ACEnovation Pte. Ltd., drove us through an illuminating journey into the essence of storytelling. The lecture commenced with Dr. Neena sharing her passion for storytelling, setting the tone for an engaging and thought-provoking session. The interactive segment let the students engage in storytelling themselves rediscovering the art. The last day of the lecture series was a dynamic lecture on the intricacies of product design, featuring the industry expert, Mr. Deepak, Product Designer at Verizon who addressed the audience on the topic, “Innovative product designing”. The lecture commenced with Mr. Deepak’s insights on the fundamental principles that underpin successful product design. The entire series of lectures was an insightful journey for the students in the Department with an opportunity to gain knowledge and inspiration and enrich the intellectual tapestry.



## 13th Annual Research Day observed at SRMIST; Research Scholars, Faculty, Students receive awards

Research has been an integral part of humanity since the dawn of civilisation, and this spirit of seeking helped him survive and reach the current level of sophistication and technological advancements, Dr. P.Sathyannarayanan, Pro-Chancellor (Academics), SRM Institute of Science and Technology, said on 4th March 2024. Presiding over the 13th Annual Research Day celebrations at SRMIST at Kattankulathur on Monday, Dr. Sathyannarayanan said scholars should contribute to society and the nation through original research. "The government allocation to research from its GDP is low compared to Israel, South Korea, USA, and China. Until the 18th century, India was among the world's top economies but suffered a setback. India's economy is growing, and research funding is also rising with increasing Foreign Direct Investments.

"The allocation to research in GDP is also on the rise, and the National Research Foundation, with an outlay of Rs. 50,000 crore, has been established. The hard-earned money of the country and its taxpayers is given to the scientific community directly to them or through institutions. We should know that this resource should be used for original research and

innovation," Dr. Sathyannarayanan said.

### Research to benefit India:

He added that publishing papers and research work should not be taken up just for the sake of it or for promotions as required by AICTE, and the scientific fraternity should contribute to the nation's development through original research. Dr. Sathyannarayanan said that the fraternity should dedicate themselves to research work that will be effective for society and relevant for people in their daily lives. He said research should not be restricted to Ph.D scholars alone and that it should percolate to everyone – including graduate students. In his address, Dr. Uday B.Desai, Vice President, Indian National Academy of Engineering and Chancellor, ICFAI( Institute of Chartered Financial Analysts of India), Dehradun, and Chancellor, Anurag University, Hyderabad, said technology had become all pervasive and people's faces were captured and recorded in public places. While listing out some of the most important technologies that will cause a huge impact on people's lives, Dr. Desai said that Generative Artificial Intelligence would govern future societies. Stating that this was causing a lot of worries among people, he recalled



that there was similar resistance to computers in India when they emerged and began to be applied in offices and in daily work. Reacting to the proposals to establish semi-conductor fabrication labs in Gujarat, he said this technology, which at present was expensive, had now got a new lease of life. Nevertheless, it held tremendous potential, and there would be also a huge demand for skilled manpower in the days to come.

Dr. Desai recalled that the Food and Drug Administration had recently approved CRISPR-based gene editing therapy using Cas9 technology to treat sickle cell diseases. It had to be studied in India, he said. He said that India has somehow been very slow on take-off, adding: "we debate, discuss, but don't act, and get left behind." Dr. Sathyannarayanan released

a CD of the event proceedings and the first copy was received by Dr. Desai. On the occasion, Dr. Sathyannarayanan and Dr. Desai felicitated and awarded 26 scholars who had published their work in Nature Indexed Journals, 23 scholars who found mention in the top 2 % scientists' list, and gold and silver medals to 124 students who won in competitions held in connection with Research Day celebrations.

Dr. Lt. Col. A.Ravikumar, Pro Vice-Chancellor (Medical), delivered the welcome address. Prof. B. Neppolian, Dean Research, thanked the gathering. Prof C.Muthamizhchelvan, Vice Chancellor, Dr. S.Ponnusamy, Registrar, Prof. A.Vinay Kumar, Pro Vice-Chancellor (FSH, Management, Law) and Deans and Directors, were present on the occasion.

## Campaign on Mera Pehla Vote - Desh Ke Liye

In alignment with the launch of the "Mera Pehla Vote Desh Ke Liye" Campaign, which was scheduled from February 28, 2024, to March 14, 2024, the Ministry of Education, in collaboration with the Ministry of Youth Affairs, aimed to foster universal and informed youth participation in elections. To bolster the active involvement of first-time voters in the 18th Lok Sabha Election, a dedicated campaign was initiated, endorsed by AICTE and championed by our institution. This campaign sought to imbue the nation



with a strengthened democratic ethos. In this regard, a comprehensive set of activities was proposed to inspire and engage first-time voters in the democratic process. Dr A Duraisamy, Dean, Faculty of Science and Humanities, disseminated this information across all students, faculty members, and staff, encouraging their enthusiastic participation in this pivotal national endeavor. Together, we strived for maximum participation, ensuring that the voice of every citizen resonated in the grand festival of democracy. We thank all the participants, Department of Visual Communications Students, Dr. Rajesh R, Head, Visual Communications and SRMIST NSS Coordinator Dr. V Prakash, and all other faculty members and participants.

## MBA students of SRM Vadapalani visit UAE under Educational Exchange Program

42 second year MBA students of SRM Vadapalani Campus went to Dubai, United Arab Emirates (UAE) under the educational exchange program. The students who participated in the human resource development seminar held there learned about the job opportunities for them in the Gulf countries including the United Arab Emirates.

SRM students are going under the International Educational Tourism and Exchange Program to learn about the lifestyle, culture and employment of people in different countries worldwide. Accordingly, 42 second year MBA students of SRM Vadapalani Campus went on an educational trip to Dubai, United Arab Emirates. An Orientation Seminar on International Employment was held at Fortune Plaza Hotel on January 25 for students going to Dubai.

## FSH Students excels in DSA JHALAK Intra College Competition

DSA JHALAK Intra College Competition was held at SRMIST on February 24, 2024. Each Faculty of SRMIST was designated a House name comprising of eight teams in total. BRAMOS, ASTRA, SHAURYA, AKASH, AGNI, PRITHVI, TRISHUL and NAG were the eight houses that participated in the events. Team from FSH and Faculty of Law were named ASTRA. Our ASTRA team has bagged two prizes – 2nd prize in Group Dance and another 2nd prize in Fashion Walk event. ASTRA team was headed by Mr.Nagaraj A and Ms. Meenakshi. The designer for the team was Nagaraj A, a Fashion Designing student. 13 students from various departments of FSH (Commerce, Fashion Designing, Psychology, Computer Science, JMC & Biochemistry) and Law participated in the ramp walk. The theme for the event was THE ROYALTY STORY BOOK. ASTRA team opted, Ponniyin Selvan story concept and dresses were designed accordingly. The dresses and accessories were matched with the story characters depicted in the movie.





## Millets

# Meets Marketing

*Journalism and Mass Communication Students Host Millet Fest 2024 to Promote Healthy Eating*

On an expedition to practically integrate the knowledge from the subject "Integrated Marketing Communication", students of the Department of Journalism and Mass Communication at SRM Institute of Science and Technology under the supervision of Dr. Naneetha organised "Millet Fest 2024" on the 29th of February 2024 celebrating the wide variety of millets in our food culture.

The fest, spearheaded by first-year BA students, aimed to showcase the nutritional benefits and versatility of millets in cooking. The event was graced by the presence of honourable guests Pro. Vice Chancellor Prof. A Vinay Kumar, Dean. Dr. A. Duraisamy, Deputy Dean Dr. Albert Antony Raj, HOD's and staff members of many departments from the Faculty of Science and Humanities. The dignitaries commended the students for their dedication to promoting healthy eating through innovative initiatives.

Held at Room No. 302 from 10:00 AM to 1:00 PM, the event featured an array of over 25 millet-based dishes prepared by the students. Faculties from various departments attended and had the

chance to taste-test the dishes. One standout feature of the event was a photo booth set up by the students, themed around millets.

This creative endeavour not only engaged attendees but also served as a guerrilla marketing tactic, aligning with the syllabus of the students' Integrated Marketing Communication course.

Feedback from faculty members was overwhelmingly positive, with many acknowledging the importance of such events in raising awareness about healthy dietary choices. Food culture was explored by the students through innovative dishes made out of millets served to all the guests while also remarkably learning marketing communication and techniques creating innovative solutions. In conclusion, the Millet Fest 2024 held at the Faculty of Science and Humanities, SRM Institute of Science and Technology proved to be a resounding success, highlighting the institution's commitment to holistic education and well-being.

Such initiatives not only enrich the educational experience but also contribute to a healthier campus community.



## FSH Students shines in intercollegiate competition

The Rathnam college of Arts and science, Coimbatore conducted fashion show competition on 16.03.2024. The students of the Department of Fashion designing organised a team

that included designers, models, makeup artist, camera man and the students from the department of visual com, Data Science, JMC and CS were models. There were around 32 teams

from various colleges that participated in the fashion show competition and the students of SRMIST students won second prize and were awarded with a cash prize of Rs.10,000.



## Budget Analysis - 2024

SRMIST's FSH Department of Economics conducted "Budget Analysis - 2024" event recently held in association with the Departments of Commerce, Accounting Finance, and Corporate Secretariateship. The event took place at the prestigious Hippocrates Auditorium and featured CA K Hariharan, a distinguished Chartered Accountant, as the guest speaker. Dr K Selvasundaram, the Professor & Head of CS and AF, commenced the proceedings with a welcome address, setting the tone for the day's discussions. Following this,

Dr A Vinay Kumar, Pro Vice Chancellor (SHML) at SRMIST, delivered a presidential address, underscoring the importance of budget analysis in contemporary economic contexts. Dr R Angayarkanni, Professor and HoD of Commerce, introduced the guest, highlighting his expertise in the field. The event saw active participation from approximately 400 students across the collaborating departments, fostering an environment conducive to learning and intellectual exchange.



# SRM College of Pharmacy, Scitus Pharma enter pact to promote expertise, innovation

SRM College of Pharmacy, has signed a Memorandum of Understanding with Scitus Pharma Services, among the pioneers of speed and quality in clinical research, and a leading contract research firm based out of Chennai.

The MoU will pave the way for SRM College of Pharmacy (SRMCP), a part of SRM Institute of Science and Technology, to engage in collaborative research projects, including joint research initiatives and knowledge exchange of best practices for continuous improvement and innovation, with focus on social relevance, and healthcare initiatives.

## Support to Startups:

The agreement will also foster facilitation of technology transfer from Scitus Pharma to SRMCP and vice-versa which including licensing agreement for Intellectual Property, joint development of technology and commercialization of products. The aspect of skill development is the focal point for both students and faculty by introducing training programmes, workshops, internships, and industrial placements to be conducted by SRMCP and Scitus Pharma together. In addition, exchange of innovative concepts and entrepreneurship development by undertaking joint products which involves support for startup, R&D funding and networking opportunities between Industry personnel and students, faculty in a long-term partnership will also be made possible. The MoU will leverage

strengths of both institutions to drive innovation, promote knowledge exchange, and contribute to societal development while creating value for both academia and industry. Students of Pharmacy and Pharma Technology and related courses can benefit from a direct collaboration with an industry player like Scitus Pharma with focus on practical experience through internships and industrial placements, applying theoretical knowledge in real-world scenarios and developing relevant skills to help in acquiring industry insights, drug development, regulations, and quality control. Collaborating with Scitus professionals will help in networking opportunities, mentorship, and potential job prospects.

## Skill Development:

Students can also develop communication and project management skills, learn teamwork, problem-solving, along with industry-specific knowledge. It will help in enhancement of their employability, opening up career opportunities in pharmaceutical sector. Moreover, this will also inspire entrepreneurial endeavors, offering insights into commercialization processes and providing access to funding and mentorship for launching ventures.

Graduates in pharmaceutical studies will have diverse career opportunities within the industry and can work in research and development, contributing to discovery of new drugs and formulations, or in



regulatory affairs, ensuring compliance with industry regulations. Quality control and assurance roles involve maintaining product safety and efficacy. Clinical research positions involve conducting trials and studies. Alternatively, graduates can pursue academia, teaching and researching in Universities. Entrepreneurial-minded individuals can start their own pharmaceutical companies or consultancy firms, developing innovative solutions to industry challenges. These career paths offer opportunities for graduates to make significant contributions to the pharmaceutical sector and address unmet needs in healthcare.

Further, the tie-up will enhance students' readiness for the pharmaceutical industry through diverse initiatives. Internship and training programs by Scitus Pharma will offer hands-on experience. Career counseling by the Industrial personnel will aid the students in identifying strengths and interests. Professional development workshops will help in covering industry trends and technologies. Mentorship programs offered by Scitus will help in connecting students with industry professionals for guidance along with Scholarships and awards which incentivizes excellence. These efforts collectively prepare students for successful careers

in the pharmaceutical sector by providing practical skills, industry insights, and support for their professional growth.

The internships for final year projects will offer students valuable opportunities for hands-on experience, skill development, and industry exposure. The decision between pursuing a lucrative career in industry or opting for academia and research depends on individual interests, career aspirations, and long-term goals. With India increasingly becoming a global leader in pharmaceutical research and academic excellence coupled with a growing number of publications, prestigious academic institutions, and significant contributions to scientific literature, the country is poised for continued growth and recognition on the world stage and such industry-academia tie-ups will usher in plenty of opportunities for youth in this sphere.

Dr. Rajendran, S. D, Director, and Head, Scitus Pharma Services Pvt. Ltd., while speaking on the occasion, shared the possibilities for them to plan the future in a more coordinated way between the SRMIST and Pharma industry. Dr. S.Ponnusamy, Registrar, Dr. V.Chitra, Dean, Dr. N. Damodharan, Vice Principal, and Heads of Various Departments of SRMCP were also present.

## Victory Through Teamwork: Celebrating Srmist 'S Volleyball Win

The victory of SRMIST in the 23rd South Zone Invitation Volleyball (M) Tournament, which took place from May 22nd to 24th 2024, is a significant milestone in the history of sports.

P.Aswath, III-B.Sc (Phy Edn), N.Vikraman, III-B.Sc (Phy Edn), Naveen Kumar.J, II-B.Sc (Phy Edn), Chetan Raju Balbudhe, II-B.Sc (Phy Edn), Sayanth.T, II-B.Sc (Phy Edn), Best Blocker,

Lad Om Vasant, II-B.Sc (Phy Edn), Best Setter & Servicer, Namith.M.N, II-B.Sc (phy.edn), Tharun Gowda.K, II-M.Sc (Yoga), Best Attacker, Rahul K Rathod, II-M.Sc (Yoga), Dhillip Kumar, II-M.Sc (Yoga), Best Allrounder, Neelagandan, I-B.Sc (phy Edn), Dushyant, III-B.Sc (Phy Edn), Mr.S.Dakshinamoorthy, Coach, Salai Siva as Manager.

## SRMIST Team wins State level Ball Badminton tournament

SRMIST Ball Badminton (M) Team Won Silver Medal in the State level Ball Badminton held at Chengalpattu.

R.Suresh Kumar I-B.Com(ISM), R.Praveen Kumar I-B.Com (ISM), N.Surya Prakash II-BBA, P.Kathereswaran I-M.Sc (IT), V.Vijayaram Bharathi II-M.Sc (Data Science), G.Elango II-M.Sc (Data Science), K.Arun Kumar II-B.Sc (Phy Edn), S.Harish Kumar I-M.Sc (Yoga), M.Ranjith Kumar I-M.Sc (Yoga), Sandeep Kumar .V Dip in Yoga, Dr.D.J.Asath Ali Khan Manager Cum Coach.





# SRMIST Vadapalani's 15th Annual Day Celebration

SRM Institute of Science and Technology, Faculty of Engineering and Technology, Vadapalani campus, celebrated its 15th Annual day with a lot of relish on 26th March, 2024. The spectacular evening commenced with Thamizh Thai Vazhthu. The celebrations began with lighting of lamp by the Chief Guest Ms. Rophia Rose, Senior Human Resources Manager, Cognizant Technology Solutions, Chennai.

The Annual day turned out to be a jubilant occasion with the welcome address by Dr. C.V. Jayakumar, Dean (FET) and Dr. V. Sasirekha, Dean (FOM). The Annual day

report was presented by Dean (FET). Dr. S. Ramachandran, Director – Academics (SRM Group) made his presence to grace the occasion.

Ms. Harini Ravi, Director, Institutional Development, SRM group, in her inaugural address briefed on the achievements contributed by the students of Vadapalani campus during the academic year 2023-2024 and cherished the support provided by their parents. She also mentioned about the immense hard work by the faculties in terms of achieving their Doctorates and enhancing themselves by attending

the faculty development programs which make the Institution's vision turning into a reality and keeping the brand successful. She concluded her speech by stating that SRM is well known for its massive progress in the field of higher education

Dr. Ravi Pachamoothoo, Pro-Chancellor (Administrations) of SRMIST in his message applauded all the award winners and encouraged all the budding engineers to be more productive.

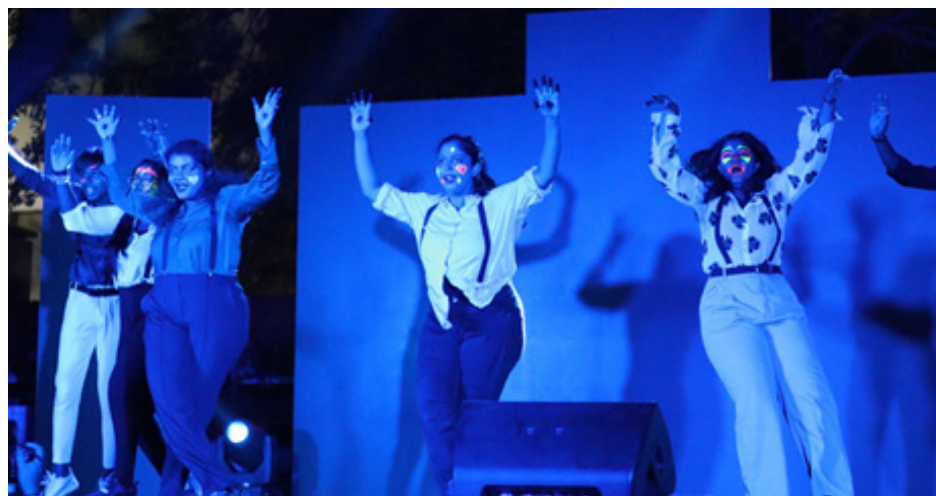
Ms. Rophia Rose, Chief Guest in her keynote address highlighted the significance of higher education and the application of AI in the digital era. She reminisced her college days, and recounted how she evolved from an introvert to an extrovert. Finally, she ignited the thought process to all the audience to understand the concept of self-awareness, being gritty and to be mindful. Her captivating speech motivated the audience to bring in a new version of Self and connecting to self give us a zeal to unleash our true potential. She concluded her speech by imploring the audience to applaud themselves and their well-wishers and wishing them luck. The Chief Guest along with the other dignitaries on the stage distributed the Prizes to the University Rank Holders and academic proficiency awards. Dr. C. Gomathy - Vice Principal (Academics and Placements) proposed the Vote of Thanks.

The Annual Day cultural events preceded with popular celebrities like Mr. Sandy Master, Choreographer & Actor, Mr. Sai Dheena Stunt Choreographer & Cine Actor, Ms. Namitha Marimuthu, International Model & Actress and Mr. Karthikeyan, News Anchor Puthiyathalaimurai and the event was marked by a spell bound display of extraordinary performances and by the talented students, leaving everyone dumbstruck. The grand day came to a close, with beaming smiles on the faces of organizers of the cultural fest.

The 15th Annual Day Celebration of SRMIST Vadapalani unfolded on the 26th of April 2024, marking a significant milestone in the institution's journey of academic excellence and cultural vibrancy. The event, held at the sprawling campus, brought together students, faculty, staff, and esteemed guests for an evening filled with festivities, talent showcases, and inspiring speeches. The evening commenced with a graceful welcome dance by the talented Tarang team, setting a harmonious atmosphere for the cultural extravaganza that followed. This was followed by a soulful yoga performance, emphasizing the importance of physical and mental well-being, which captivated the audience and set a reflective tone for the evening's proceedings. Renowned online food vlogger, Jeosh J, graced the occasion as the first chief guest. His insightful words resonated with the

audience as he shared anecdotes from his journey and encouraged the students to pursue their passions fervently. Jeosh J also had the honor of distributing certificates to the winners of the cultural events conducted by SRMIST Vadapalani, recognizing their dedication and talent. The cultural showcase continued with another enchanting performance by the Tarang team, showcasing their impeccable coordination and artistic prowess. Following this, the stage came alive with electrifying solo dance performances by Tom, Jana, and Aadhi, each leaving the audience spellbound with their graceful movements and expressive storytelling. Esteemed TV News anchor, Mr. Karthikeyan, graced the event as the second chief guest, adding gravitas to the evening. His address resonated with the audience as he shared insights on the importance of education, resilience, and community engagement. Mr. Karthikeyan also participated in the prize distribution ceremony, acknowledging the achievements of the students. The evening was further enriched with mesmerizing band performances led by Lehas and Trishal, showcasing the musical talent nurtured within the campus. Their soulful melodies and infectious energy added a delightful musical dimension to the celebration, captivating the hearts of the audience. Popular actor, Sai Dheena, graced the event as the third chief guest, bringing his charisma and wisdom to the stage. His inspirational address resonated with the audience as he shared anecdotes from his acting career and imparted valuable life lessons on perseverance and self-belief. Sai Dheena's presence added a touch of glamour to the event, inspiring the students to dream big and pursue their goals with determination. The celebration continued with captivating dance performances by competition winners and the MBA Department, showcasing a diverse array of dance styles and themes. Adding glamour to the event, Miss International Queen Ms. Namitha Marimuthu graced the occasion as a special guest. Her presence illuminated the stage as she shared words of encouragement and empowerment with the audience, inspiring them to embrace diversity and pursue their dreams fearlessly.

The 15th Annual Day Celebration of SRMIST Vadapalani was an unforgettable event, symbolizing the spirit of unity, talent, and excellence that defines the institution. Through mesmerizing performances, inspiring speeches, and heartfelt camaraderie, the celebration brought together the entire campus community in a joyous celebration of achievement and cultural diversity. As the curtains drew to a close on this remarkable evening, the memories created will serve as a source of inspiration and motivation for all who were fortunate to be part of this momentous occasion.





# SRMIST's 16th annual cultural extravaganza Milan' 2024 brings together popular artists to regale students

Milan 2024 – the 16th annual cultural students' festival of SRM Institute of Science and Technology, and one of the most sought-after pan-India events held on 14th to 17th March 2024 with a spectacular live performance by popular artists in addition to events hosted by various clubs of the institution.

Street life from the world over:

For students from all over India who had reached the sprawling and verdant campus of SRMIST to compete and perform at Milan 2024, it was a refreshing welcome and experience. With the theme of Milan 2024 being 'Streets' – a fitting tribute to the vibrant culture of street life of countries from all over the world, the visiting students were awe-struck at the grandeur and creativity of the host institution.

Kicking off the proceedings was the event at Mini Hall – where music of the contestants serenaded the gathering and judges alike. With superlative performances from all participants, it was a close call for the jury to spot the winners – J Sushmitha and J Sushma of Kalasalingam University. A stone's throw away from here at the Management Block – it was a fusion of beats, loops, and rhythm at the 'Beatbox Revolution' event. The performers with their innovative, creative talent captivated the audience and in the end Venkat Sri and Lathesh bagged the top honours.

In total contrast was 'Turncoat' at Law

Block, with five eloquent speakers speaking on diverse topics and with the audience open to contrasting views, it was a battle of wits resulting in Seshadri, Abhishek, and Santhosh HP securing the top prizes.

At Faraday Hall, the audience was in splits at the Stand Up Comedy event judged by Rishi. Students delivered a no-holds-barred presentation, leaving the audience in splits. Other events on the inaugural day that were hugely popular with the students included Potpourri, Comic Scripts, Urban Couture Unveiled – fashion show, Nrityanjali – an electrifying solo classical dance that saw an overwhelming participation from over 50 contestants. Mahalakshmi R of Ethiraj College for Women bagged the first prize for her performance.

Andrea, Pradeep steal the show:

Just as the day ended, students warmed up to each other and assembled at the venue for the moment they were waiting for – live performances by actor and singer, Andrea Jeremiah, and singer Pradeep Kumar.

Andrea Jeremiah crooned some of her most popular numbers as well as cover versions and her swag was a spontaneous hit among the audience. She has to her credit some of the most popular songs and her live performance of the songs had the audience on a non-stop groove mode.



Just when the audience thought that the best was over, Pradeep Kumar – the voice behind some of the most popular numbers -- took over the stage and rocked. The crowd could not have asked for better with two of the most popular, versatile singers performing back-to-back. The first day events left the students asking

for more and were impressed with the themes, events, and pro-shows by most popular artistes at Milan 2024, proving once again why SRMIST is the premier destination not just for higher learning, but also for youth to come together and build teamwork, and partake the best of each other's culture.





## SRMIST conducts 28-day training programme for 'Frontline Warriors'

A 28-day training programme for Field Investigators to collect data for National Family Health Survey for the year 2023-24 concluded at SRMIST, Kattankulathur on 17th July 2024.

### Training on data collection:

The training programme was conducted by SRM School of Public Health in association with Indian Institute of Population Sciences, Mumbai. With this, the State Level Main Survey Training (ToT) for Tamil Nadu and Puducherry concluded and from now, the trained Field Investigators will take up the survey in 23 of the 38 Districts of Tamil Nadu and also Union Territory of Puducherry to collect data for the NFHS Phase -1.

Speaking on the occasion, Dr. B. Shanthi Deputy Director, National Health Mission, Department of Health and Welfare, Government of Tamil Nadu said they were associated with SRMIST from 2016 onwards, when they tied up with the institute connection with a study of Integrated Child Development Services' project.

### Field Investigators are Frontline Warriors:

Calling the trained Field Investigators as 'Frontline Warriors,' she said their work would be spoken about by stakeholders in public health till NHFS 7 was taken up. The senior health official delivered the keynote address in the absence of Ms. Shilpa Prabhakar Sathish, Mission Director, National Health Mission, Tamil Nadu.

On behalf of the Mission Director, Dr. Shanthi said that it was important for people answering your survey who the field investigators were before they start the survey, otherwise they will be left without responses. There was unlikely to be any problem as a team of officials and staff from the Government of Tamil Nadu's Health Department would always

be present.

Be simple in your interaction: Dr. Shanthi said that the Mission Director wanted to communicate to the trained field investigators that it was also important for people to be informed about the amount of time the survey would consume. "Be humanised in your speech and refrain from using highly technical and academic terminologies."

The senior health official further asked the entire team engaged in the field survey to brief them or alert them in the event of any discrepancy in information or alarming parameters that needed to be reported to them at once.

Trained in data collection:

As part of the training programme, the field investigators, who are graduates or diploma holders in medical lab technology, degree or diploma holders in nursing, were trained on data collection in household information, reproduction, family planning, maternal and child health, personal information like height and weight, blood pressure and collection of blood samples. As part of their training they also made random checks of households in 23 districts and these tests established that 11 lakh people had abnormal blood pressure and sugar levels, in addition to 8,500 people testing positive for HIV and Hepatitis.

Lt. Col. (Dr.) A Ravikumar, Pro Vice Chancellor, (Medical), said it was noteworthy that 160 people have been trained in the shortest possible time and added that data was most crucial in reporting health issues. He added that of late, India had showed tremendous strides in data collection and using it to address public health issues.

Dr. A. Sundaram, Dean, (Medical) and Dr. Hari Singh, Dean, School of Public Health also spoke. Dr. Gladys Jennifer H, and Dr. P. Bharathi, Associate Professors, School of Public Health, welcomed the gathering and delivered a vote of thanks respectively.



## Alumni meet conducted at DCSE, SRMIST

DCSE, SRMIST Vadapalani campus organized an alumni meet on 15th April 2024.

Following alumni members were part of it.

Mr. R Sathyanarayanan, Decision Scientist, MuSigma, Bangalore. Ms. P R Satya Sreekanth, Founder, Sathya Glow Up Artistry, Chennai. Ms. Manisha Shankharan, Digital doption Specialist, Whatfix, Bangalore, manisha.shankharan@whatfix.com. Ms. Malavika S, Technical Solution Engineer, Survey Sparrow, Chennai, malavika.s@surveysparrow.com. Mr. Saivarun Kumar, Decision Scientist, MuSigma, Bangalore.

Ms. Yaswanthi O, AI Engineer, Botminds.ai, Chennai. Ms. Sruthi Sreekumar, Strategy and operations Analyst, Signzy, Bangalore

Ms. Archita K, Associate Technical Analyst - NOC, Computacenter India, Bangalore. Ms. Ashita K, SOC Engineer, Comcast India Engineering Center, Chennai. Mr. Azarudeen, Pursuing Higher Studies University of Arts, London. Mr. Pranav Lokeshwaran, University of Leeds, United Kingdom. Mr. Tanay Agrawal, Senior Software Engineer, Volante Technologies, Chennai. Mr. Anirudh K, Security Operations Engineer at Comcast, Chennai



## World No -Tobacco day celebrated at SRMIST

SRMIST Celebrates Anti-Tobacco Day with Thriving Student Participation! SRM Institute of Science and Technology (SRMIST), in collaboration with Unnat Bharat Abhiyan and the Institute of Engineering and Technology - Chennai, hosted a successful Anti-Tobacco Day competition, witnessing a remarkable turnout of 45 student participants. The competition offered two categories: drawing and reels, encouraging students to express their anti-tobacco message through artistic mediums. With 30 captivating drawings and 15 impactful reels submitted, the competition fostered a vibrant environment of creative expression against tobacco use. Drawing Competition: 1st Prize: Harinishree Meenakshi Sundar (B.Tech in Biomedical Engineering - Machine Intelligence) 2nd Prize: Anisha P. Gopal (Ph.D. in Faculty of Management) 3rd Prize: Najima M (M.Com) Reel Competition: 1st Prize: Shivaram Kumar V.R (B.Tech in Electronics and Communication) 2nd Prize: Harigaran S (LLB (Hons)) 3rd Prize: Sheik Mohamed Ur Rehman (Bachelor of Dental Surgery) Congratulations to all participants for their outstanding contributions! The overwhelming response to the competition underscores the strong commitment of SRMIST students towards creating a tobacco-free future. Convenor Dr. V. Thirumurugan, Associate Director (Campus Life) & Nodal Officer-Unnat Bharat Abhiyan at SRMIST, and Co-ordinator Dr.

World No-Tobacco Day	
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY In Association with IET Chennai LN Date: 31.05.2024	
Drawing competition winners	
1st Prize	Harinishree Meenakshi Sundar RA2311060010005 1st year B.Tech in Biomedical Engineering in Machine Intelligence
2nd Prize	Anisha P. Gopal RC2453001011005 1st year PhD in Faculty of Management
3rd Prize	Najima M DC2432307010010 1st year M.com

World No-Tobacco Day	
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY In Association with IET Chennai LN Date: 31.05.2024	
Awareness reels video making competition	
1st Prize	Shivaram Kumar V.R RA2111004010121 3rd - B.Tech in Electronics and Communication
2nd Prize	Harigaran S RA2261001010029 2nd year - LLB(hons)
3rd Prize	Sheik Mohamed Ur Rehman RA2041001010052 4th year Bachelor of Dental Surgery

R. Rajkumar, Associate Professor at the School of Computing, played pivotal roles in organizing this successful event.



# SRMIST Organises Dr. Paarivendhar Research Colloquium

SRM Institute of Science and Technology has always been a creator in promoting research and innovation in par with the current trends. With this motto, the institution regularly organizes the Dr. Paarivendhar research colloquium (DPRC) to provide a platform for researchers from all disciplines to exchange their ideas and to learn new concepts and techniques to help with their research. The fifth edition of Dr. Paarivendhar research colloquium (DPRC) 2024 was jointly organized by the Directorate of Research & the Department of Mathematics, from 26th to 28th March 2024.

The colloquium witnessed 19 plenary lectures drawing experts, across the country, from diversified fields like biotechnology, chemistry, mathematics, physics, engineering, medicine, management, law, agriculture and many more. There were 1954 registrations by research scholars from all SRM institutions across the country for poster presentation at the colloquium. The event was inaugurated by Prof. Santanu Bhattacharya, Director, Indian Institute of Science, Education and Research (IISER), Tirupati. He appreciated our SRM Institute of Science and Technology for being a fast-growing research and academic organization and complemented the achievements of the university by mentioning the publications from the SRM Institute of Science and Technology in Nature Indexed journals.

This was followed by plenary talk session. The first plenary lecture was by Dr. Eswaramoorthy Muthusamy, Professor, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore. His talk was on detailed analysis on the challenges that a researcher faced during the electro-chemical synthesis of ammonia. Followed by Dr. Eswaramoorthy Muthusamy, Dr. Amal Kanti Bera, Professor, Department of Biotechnology, IIT Madras took over the stage for his lecture on eating healthy food by explaining on the role of trans-fat in food industry. This concluded the forenoon session.

Three sessions followed in the afternoon- where Dr. S. V. Srinivasan, Senior Principal Scientist, Department of Environmental Engineering, CSIR-CLRI, Chennai lectured on Emerging Technologies for the treatment of Industrial waste waters. This was followed by Dr. R. Vinu, Professor, Department of Chemical Engineering, IIT Madras, Chennai who spoke on Sustainable Valorisation of Biomass-derived Lignin to Phenols through Catalysis. The concluding speaker for the day was Dr. Raman Vedarajan, Scientist, Centre for Fuel Cell Technology, International Advanced Research Centre for Powder Metallurgy and New Materials, Chennai.

Dr. K. Vipinendran, Associate Professor, Department of Printing and Packaging



Technology, CEG, Founder Director, Centre for Alumni Affairs, Anna University, Chennai, started the second day of DPRC 2024, with his talk on Emotional Intelligence for the Research Scholars with his enthusiastic and captivating skills. The second speaker, Dr. Rengalakshmi R, Director - Ecotechnology, Taramani, Chennai, made a comparative analysis on the gender ratio in farming in par with the Sustainable Development Goals.

The second talk was by Dr. Soumen Sarkar, Associate Professor, Department of Mathematics IIT Madras who presented a geometric view of polynomial complex vector fields. The afternoon session constituted three plenary lectures. Dr. Joseph Hosanna Raj Isaac, Data Scientist, Ericsson, Chennai explained the fundamental working methodology involved in deep learning using many state-of-the-art examples and scenarios. Dr. Mariappan Vaithilingam, Director - Product Engineering, Brahmarshi Incorporation, Coimbatore elaborately explained about

the innovations in Artificial Intelligence in many real life applications including healthcare, agriculture, environment, transportation in detail. The third talk was delivered by Dr. T. R. Maruthi, Dean and Chairman, Department of Studies in Law, University of Mysore, on doing valid legal research that would benefit the society.

The final day of the event started with a plenary talk by Dr. Sarit Kumar Das, Professor, Department of Mechanical Engineering, IIT Madras, Chennai. He narrated how many esteemed researchers turned Nobel Laureates when they adapted to multidisciplinary research. Dr. V. Vetrivel, Professor, Department of Mathematics, IIT Madras, Chennai was the next speaker. He elaborated on the use of algorithmizing convex optimization problems to yield better results. Dr. Neerja Pande, Professor - Communication, Dean, Indian Institute of Management Lucknow, Noida, Uttar Pradesh explored how the nature and traits of leadership can be strengthened from literature in mini hall

Senior Consultant, Medical and Paediatric Oncology, Apollo Specialty Hospitals, Chennai. Followed by Dr. Rajendran K, Scientist 'E', Head, Department of Epidemiology, Statistics division, ICMR- NIRT, Chennai, who talked about the spread of infectious diseases that are induced due to climate change. The concluding plenary lecture

The valedictory function of the fifth edition of the DPRC took place in Mini Hall II T.P Ganesan auditorium on 28.03.24 afternoon. After the invocation Dr. V. Subburayan convener of DPRC and Head Department of Mathematics addressed the gathering giving a brief insight about the event. Following this, Professor T. V. Gopal Dean SRM Institute of Science and Technology delivered the presidential address. He was happy to inform that a teaching pedagogy colloquium is also about to commence for the teaching faculty in SRMIST. Dr. L. Shobana Associate professor Department of Mathematics gave a comprehensive report of the three day event. The chief guest Dr. Mukesh Kumar Madhra Vice President and Head, API LCM Dr. Reddy's Laboratories Limited, Telangana was then introduced by Dr. N. Parvathi Professor Department of Mathematics and invited to deliver the valedictory address. "Look into your passion" was his message. The chief guest and Dean CET distributed the awards to the prize winners of poster presentation. The program concluded with the vote of thanks given by Dr. E. P. Siva convener DPRC and Associate professor Department of Mathematics.

The colloquium witnessed 19 plenary lectures drawing experts, across the country, from diversified fields ...

two while at SRM Medical College, Dr. T. Rajkumar, Director Research (Oncology), Med Genome, Bangalore, summarised the research in molecular oncology covering almost all aspects of the diseases. The role of Artificial Intelligence in oncology was the theme of the talk by Dr. Anita Ramesh,



## SRMIST hosts National Conference on Occupational Therapy

Facilities to offer care for people with autism should be expanded and they should offer all services, treatment and diagnosis under a single roof, and the society should work to bring an improvement in the quality of people with autism, Dr. P.Sathyanarayanan, Pro Chancellor (Academics), SRM Institute of Science and Technology, said.

### Committed to provide treatment to autism:

In his Presidential Address at the inauguration of the National Conference on Autism, 2024, Dr.



*3-day event's deliberations will pave way for positive outcomes Need to increase facilities, provide door-step care to help improve quality of life: Dr P.Sathyanarayanan*

Sathyanarayanan said that SRM College of Occupational Therapy, since its inception in 1996, had provided treatment to more than 5,000 people through the occupational therapy programme. He said that people with autism had to travel to different

places to have access to services and avail treatment from doctors and therapists. With a view to providing all such services under a single roof, they had established the occupational therapy centre at SRMIST in Kattankulathur.

## Achiever's Connect on Career Guidance

The Department of Commerce at SRM Institute of Science and Technology organized a virtual alumni talk titled "Achiever's Connect on Career Guidance" on January 11, 2024 led by Dr. R Angayarkanni, with coordination from Dr. B Akila and Dr. K B Praveen, the event aimed to provide students with practical insights into career development. Distinguished alumni, including Menakshi Sundaram K S, Swetha Srinivasan, and Nikitha BV, shared valuable experiences and advice. The interactive session facilitated student engagement, addressing doubts and offering personalized guidance. Overall, the event successfully bridged the gap between academia and the professional world, reflecting the department's commitment to holistic student development.



### Expert talk on : An Obstetrics and Gynecological view on Bone Health

The welcome address was delivered by Ms. Janane Vignesh, Head of Tamil Nadu Women's Cell, Dr Nandakumar Natarajan, Senior Consultant, Orthopedics Kauvery Hospital, delivered the inaugural address, after the formal inauguration the session started. Dr Balamurugan, orthopaedics and joint reconstruction surgeon, Kauvery Hospital, Radial Road delivered his talk on the Importance of bone health, Dr Nandakumar Natarajan, Senior Consultant delivered his expert talk on Bone density and exercises,

and then the Expert panel discussion started in the title "An Obstetrics and Gynecological view on Bone Health" DR. Parimala Devi, Consultant, Gynaecology, Kauvery Hospital, Radial, DR.Jayashree Jayakrishnan(PT), Founder & Director, HAPPY MOM and DR.S.F.Mariyam Farzana (PT), Assistant Professor, SRM College of Physiotherapy The principal, of Chettinad College of Physiotherapy Dr. Senthil chaired the panel discussion.

## Fire safety mock drill and evacuation training

SRM University Successfully Conducts Fire Drill in High-Rise Building-reg

SRM University successfully conducted a fire safety mock drill and evacuation training today in one of its high-rise buildings (G+15), University Building - housing the central library, 1st-year B.Tech classrooms, Physics labs, CINTEL, DSBS departments, placements office, controller of examinations, registrar's office, and top management offices. Over 6,500 students and staff participated in the exercise, demonstrating a strong commitment to safety awareness.

### Organized Effort:

Dr. V. Thirumurugan, Associate Director(Campus Life), led the organization of the event with the invaluable support of faculty members, staff, and the university's dedicated maintenance team. Their meticulous planning and collaboration ensured a smooth and informative drill for all participants.

### Key Takeaways:

- Evacuation Time: While the evacuation goal of 12 minutes was not met, with the actual time taking 15 minutes, the drill provided valuable insights for improvement. Considering the complexities of a high-rise building, the university will conduct additional mock drills to optimize evacuation procedures and achieve the desired target time in future.

- Stakeholder Collaboration: The active participation of the University's Fire Safety Team, security personnel, NSS volunteers, and the local Fire Service team played a crucial role in ensuring a smooth and realistic simulation of a fire emergency. Their coordinated efforts are commended.

- Enhancing Awareness: The university acknowledges a small portion of students and staff who did not take the drill seriously. Moving forward, the university will implement strategies to boost awareness and emphasize the critical importance of fire safety readiness across the campus community.

### Appreciation and Looking Ahead:

The university expresses its sincere gratitude to everyone who contributed to the success of the mock drill, including participants, various departments, and emergency service personnel. The university encourages faculty, staff, and students to share their experiences and suggestions via email to further improve future drills.

This successful exercise demonstrates SRM University's commitment to creating a safe and secure environment for everyone. By working together and continuously refining its emergency preparedness plans, the university strives to ensure the safety and well-being of its entire community.

## Unleashing the Power of Investing

The Department of Commerce at SRM Institute of Science and Technology hosted a seminar titled "Unleashing the Power of Investing," on 1, march 2024 organized by Dr. R Angayarkanni and Dr. Lavanya Veeran. Speakers Mr. Dheerthahiri, Mr. Niranjana Madhu Menon, and Mr. Amal Our department students speakers covered the areas of digital assets, traditional investment methods, and the role of the Federal Reserve, highlighted the basics in stock using the GROWW application. Attendees engaged in discussions to gain insights into investment strategies, fostering responsible investing practices.





## SRM Medical College Hospital and Research Centre (SRM MCH & RC) performs 3 procedures on a single day

The Cardiology Department of SRM Medical College Hospital and Research Centre (SRM MCH & RC) has successfully completed non-surgical closure of holes in the heart for three children free of cost, on a single day. A similar non-surgical procedure to correct a link between the Aorta and Pulmonary Artery was also performed successfully on a 12-year-old boy, also free of cost.

Dr. P.Sathyanarayanan, Pro-Chancellor (Academics), SRM Institute of Science and Technology, said only a handful of hospitals in Tamil Nadu had the capabilities to perform this procedure that had several benefits compared to open heart surgeries.

### Non-surgical procedures:

The procedure - ASD (Atrial Septal Defect) Device Closure was performed on Priyadarshini (4 years old), Kavin (5) and 13-year-old Vannamathi. Normally, such defects are closed only by surgical methods (open heart surgery) which has some limitations such as prolonged hospital stay, a permanent scar in the chest, and post-surgical arrhythmias. These limitations are eliminated by this non-surgical closure by a device.

### Birth condition:

Doctors at SRMMCH&RC said the three children were born with holes in the heart between the two upper chambers – atria. The holes develop while the babies are still in the foetus of their mother. These holes will never close in the individual's lifetime on its own and must be closed to avoid repeated chest infections and failure of the right side of the heart. Sometimes, holes between the two ventricles (VSD – Ventricular Septal Defect) can close on its own till the child reaches 13 years of age. However, the ASD will never close on its own and surgery



Four young boys and girls who underwent non-surgical procedures to treat their heart ailments free of cost at the SRM Medical College Hospital and Research Centre recovered well and have returned to their homes. SRM MCH & RC is among the few hospitals in Tamil Nadu that can perform these advanced non-surgical procedures, especially among children. Dr. P.Sathyanarayanan, Pro-Chancellor (Academics), congratulated the medical team of doctors and staff for this achievement.

is the only option in the past to close it.

### Light & strong nitinol device:

With recent advancements in medical science and technology, a button-like device called ASD Closure Device is inserted through the thigh veins to reach the heart. This is done without any surgery or blood loss.

The device is then delivered at the place of the hole after confirming its position fluoroscopically. The device is very light, extremely strong, and made of nitinol – a titanium and nickel alloy.

### Benefits of this procedure:

This procedure has many benefits and they include no blood loss, no necessity to cut open any part of the body, and does not require ventilators. It also does away with the need for a General Anesthesia. Further, the procedure does not leave any permanent scar in the body and, there is no need for any no blood transfusion. More importantly, the post-procedure stay in the hospital is only 2 days, compared to 10 days or even a fortnight for conventional open heart surgery.

### All in a day's work:

A team of doctors of the Department of Cardiology at SRM MCH & RC led by Dr. V.Sriram successfully performed the non-surgical procedures on all the three children in a single day.

Priyadarshini, Kavin, and Vannamathi recovered well and returned home after 3 days. Doctors said the children can now continue their routine activities and lead a normal life like other children.

### Another procedure:

Similarly, SRM MCH & RC also successfully set right another heart condition of a 12-year-old boy Anees. The boy was suffering from Patent Ductus Arteriosus (PDA) – a communication between the Aorta and Pulmonary Artery. Normally, this link will close on its own between 24-72 hours after the child is born. But, if this does not happen, the link will never close, resulting in repeated chest infections. Doctors solved this problem by non-surgical PDA Device closure.

### Pat from Pro-Chancellor:

Dr. Sathyanarayanan extended his congratulations to Lt. Col (Retd.) Dr A.Ravi Kumar, Pro Vice-Chancellor, SRMMCH&RC, Dr.A.Sundaram, Dean, Dr.C.Moorthy, Consultant, Cardiology, and the team of doctors and medical staff for conducting the non-surgical procedures for correcting the heart condition of the four children.

He said it was a matter for pride that SRM MCH & RC was among only a few hospitals in the State to perform such a procedure. Dr. Sathyanarayanan added that SRM MCH & RC was committed to providing the finest quality health care and medical services to people through state-of-the-art medical infrastructure.

## "Nurses at forefront of healthcare delivery"



Proceedings of the 8th National Nursing Conference held at SRM College of Nursing, SRMIST, was released on Friday, 09.02.24. Seen in the photo are (from left): Dr.R. Vijayalakshmi, M.Sc (N), Ph.D., Vice Principal, SRM College of Nursing, Dr. C. Kanniammal, M.Sc (N), PhD. Dean, SRM College of Nursing, Lt. Col. (Dr.) A.Ravikumar, Pro Vice Chancellor (Medical), SRMIST, Prof. T. Samuel Ravikumar, Trauma & Disaster Management Consultant, and former Trauma Centre Coordinator and Head, Emergency Nursing, CMC, Vellore, Dr Nitin Nagarkar, Dean, SRM Medical College Hospital and Research Centre, and Dr. Venkatraman, Medical Superintendent, SRM MCH & RC.

Speakers at a national conference said that nurses were at the forefront of healthcare delivery, while stressing on the importance of knowledge transfer in the profession.

SRM College of Nursing, SRMIST, hosted the 8th National Nursing Conference on Friday, 09.02.24. More than 570 participants including faculty of nursing institutions, staff nurses, Ph.D scholars apart from graduate and post graduate students of nursing from 34 institutions all over India took part in the day-long conference.

While delivering the Chief Guest address, Prof. T. Samuel Ravikumar, Trauma & Disaster Management Consultant, and former Trauma Centre Coordinator and Head, Emergency Nursing, CMC, Vellore, said nurses were at the forefront of healthcare delivery. The nursing staff, he said, offered compassionate service and expert medical care across a wide range of the most complex and challenging situations.

Lt. Col.(Dr.)A.Ravikumar, Pro Vice Chancellor (Medical), SRMIST, while presiding over the event, highlighted the role of nurses, who played the the most vital and critical care in healthcare. Dr. Ravikumar also emphasised the need for ongoing support and investment in education, training, and well-being of the nursing fraternity. Dr. C. Kanniammal, M.Sc (N), PhD. Dean, SRM College of Nursing, while welcoming the gathering, said the objective of the conference was to explore the dynamic trends shaping the nursing profession, identify challenges they faced, and highlight exciting global opportunities, as well as the global impact of knowledge transfer in Nursing profession. Earlier, Dr Nitin Nagarkar, Dean, SRM Medical College Hospital and Research Centre, delivered the inaugural address.

Dr. Venkatraman, Medical Superintendent, SRM MCH & RC felicitated the guests and organising secretary Dr.R. Vijayalakshmi, M.Sc (N), Ph.D., Vice Principal, SRM College of Nursing, thanked the gathering.



## National Physicists Conclave gets a big start at SRMIST

Scientists need to work together to make an impact on science research and output: President of Indian Academy of Sciences

Scientists need to work together to make an impact on science research and output, said Prof Umesh V Waghmare, President of Indian Academy of Sciences.

He was speaking at the inauguration of National Physicists Conclave 2024 (NPC 2024) at T P Ganesan Auditorium on SRMIST premises at Kattankulathur near Chennai on 7 February. The conclave would go on till 10 February.

The three day event is being organized by Department of Physics and Nanotechnology of SRMIST.

Prof Umesh said events like NPC 2024 are an ideal platform to foster collaboration between scientists working in different realms of science. It is a welcome to know that science has been receiving a big boost in India. More needs to be done to ensure this witnesses an upward move.

The eminent scientist further said that private institutions have a great role to play in providing a boost to science and research. Vice Chancellor of SRMIST Prof C Muthamizhchelvan said the institution had begun its innings in a humble manner



as an engineering college in 1985.

It has witnessed a steady growth since then and has currently emerged as a multi-disciplinary institution that offers academic programs in various disciplines, said SRMIST Vice Chancellor.

Institution has obtained deemed university status in 2002. Lot of emphasis is being provided for research in science and technology at the institution, he said.

Publishing quality research papers is always the focus at SRMIST. This has resulted in obtaining good position in Nature Index ratings.

The institution stands at 751st place on a global level and at 25th position in India in as per Nature Index ratings, he said.

Encouraging innovation and entrepreneurship has been a priority at SRMIST, said Prof Muthamizhchelvan. Two of the startups at SRMIST have graduated while one of them has managed to gain an investment of Rs 200 crore, the other has managed to bag an order for manufacturing about 50 unmanned ground vehicles for Indian Army, he said.

Dr. Kiran Mangalampalli, Convenor, NPC 2024 said this conclave is not merely a congregation, it's a celebration of the relentless pursuit of knowledge, the spirit of inquiry that drives each one of us, and the collective effort to unravel the mysteries of the universe.

Over the next few days, the event would delve into cutting-edge research, engage

in enlightening discussions, and forge connections that have the potential to shape the future of physics.

Awards will also be presented to scientists in recognition of their achievements. The awards to be presented during the conclave are Young Computational Physicist Award, Young Applied Physicist Award, Young Woman Physicist Award, Young Physicist Award, Best Thesis Award and Best Publication of the Year 2023 Award.

The names of the few winners were announced during the inauguration. Among those to get the awards are Dr Vibhor Singh of IISc (Young Physicist Award), Dr Vidya Kochat of IIT Kharagpur (Young Woman Physicist Award).

Dr. Chandan Kumar Ghosh of Jadavpur University (Young Applied Physicist Award), Prof Amrita Bhattacharya of IIT Bombay (Young Computational Physicist Award) and Dr Niladri Modak of IISER Kolkata (Best Thesis Award) are also among the winners announced during the inauguration.

Prof P Malar, Co Convenor of NPC 2024 proposed vote of thanks. Prof D Narayana Rao, Executive Director (Research), SRMIST was among those present.



### "Minna no Nihongo"

The event "Minna no Nihongo" (Japanese For All) conducted by EFL Dept, SRMIST on April 18th 2024 was continued with the students enlightening everyone on Japanese culture, festivals, cuisine traditional aspects of Japan. Our Chief guest Mrs. Kiyomi Tanaka (Japanese Lecturer in Soka Ikeda College) felicitated with a memento by the Vice Principal, Mrs. Gomathi and the Head of the Department of English and Foreign Languages, Ms. Poomathi and Japanese teacher, Mrs. Kokila.

The students were actively participated in cultural quiz, Introduction to Anime & Anime Quiz followed with a fun origami demo by the chief guest, Kiyomi san. They also came up with Origami Display, Calligraphy Contest, Tanabata, Fukuwarai, Chopsticks Picking, Nakama Gaming, Anime Photobooth, kumihimo, Food Stall, Hiragana and Kanji Games, Event arrangements, posters, decorations, reels, videos and photographs.

## 2nd Annual Conference on networking, communications deliberates use of tech. for national growth

Applications of network architecture, protocols, wireless communication, Internet of Things (IoT), and cyber-physical systems in daily life, and contributing effectively to creating Smart homes, Smart agriculture, Smart cities, and Smart transportation, were some of the broad themes that were deliberated at the 2nd annual IEEE International Conference on Networking and Communications – ICNWC 2024 held at SRM Institute of Science and Technology, Kattankulathur recently.

Organised by the Department of Networking and Communications, School of Computing, SRMIST, fostering innovation, cooperation, and information exchange in network architecture, protocols, wireless communication, and IoT were some of the broad objectives of the three-day conference held between 2nd and 4th of April.

In his address, Dr. S. D. Sudarsan, Executive Director of C-DAC, Bengaluru, said India was making significant progress in creating and building supercomputers needed for the nation to function independently. This, he said, would contribute significantly to boost the nation's GDP. He also described how India was already producing its own

multicore semiconductors for 64-bit processors thanks to the DIR-5 initiative. Speaking on the occasion, Dr. M. S. Sritharan, Group Head, CTE, Talent Skilling, Wipro Ltd., said how the workforce of the future will be measured by "skills, and not by skulls" as an industry transformation. He said that rather than replacing existing jobs, the AI revolution would generate new roles for talented people. To obtain further employment in the field of artificial intelligence, young students need to be well-versed in GenAI and prompt engineering, he added.

Speakers said the government could

use networking and communication applications for Public Safety and Emergency Response, Smart Governance, National Security, Infrastructure Management, Healthcare and Social Services, while the private sector could use networking and communication applications for Business Operations, Customer Engagement, Supply Chain Management, Financial Services, Research and Development. Conference organisers said deliberations also centred around cutting-edge research Networking among researchers with industry experts Identifying Research gaps Publication Opportunities.







## Indian Programming League - IPL 2024

### Programming Bootcamp for School Students

The department of Computer Science and Engineering SRMIST Vadapalani Campus conducted a programming boot camp - Indian Programming League (IPL) 2024. The Camp for school students began on May 11th, 2024 and went upto 18th May. This event was coordinated by Dr. V. Rajasekar and Mr. Rajavel under the banner of Vidyanjali, an initiative by the Ministry of Education, Government of India with the aim to strengthen Schools through nearby higher education institutions. IPL Season 1 focused on mastering C-Programming. The primary objective of the C Programming Bootcamp was to introduce school students to the fundamentals of C programming.

Various quizzes were conducted in-between the sessions. Season 2 focused on Python Programming to introduce school students to enhance logical thinking and problem-solving skills. Dr. Rajasekar V, Asso. Prof / CSE, Dr. Durgadevi, Asst. Prof / CSE, Dr. Karthikayani / Asst. Prof/ CSE and Mr. M. Rajavel, Asst. Prof/ CSE were the trainers for the bootcamp. On the concluding day of the boot camp project presentation was given by the students. Dr. Golda Dilip, evaluated the project. The best projects were awarded with gifts and prizes in the Valedictory by Dr. S. Prasanna Devi, HoD/ CSE and Dr. Golda Dilip, Prof./ CSE.

## Anveshan 2023-2024: International Students Research Convention by AIU

Pushing the boundaries beyond of what is possible, the success of the Department of Computer Application showcases the caliber of research being conducted at FSH, SRMIST. Our students P. Venkataraman, II BCA DS, S. Shivadarshini, II BCA DS and M. Abdul Rahim, I MCA clinched the First Prize in Agriculture Category at the Anveshan International Students Research Convention 2024. The Project



entitled "Smart Precision Agriculture" aimed to revolutionize irrigation system for environmental sustainability.

The team was awarded a sum of Rs. 75000. This victory is a testament to the unwavering commitment and relentless pursuit of excellence.

## Workshop on "Electric Vehicle"

The Department of ECE, SRM Institute of Science and Technology, Vadapalani campus, organised a workshop on 12th April 2024. The topic was on "Electric Vehicle" and the invited speaker was Mr. FAREED AHMED, Application Engineer, CADD CENTRE Training Services Pvt Ltd, Chennai. Mr. Fareed Ahmed discussed about the various interesting facts on EV design and also hands on practice in Matlab Simulink. Many students came



forward to ask various questions on EV design pattern, cell alignment and its real time very interesting, interactive and informative.

## International Students' Day Celebrated at SRMIST

The TP Ganesan Auditorium at SRMIST was a vibrant and lively place on the 31st of January, 2024 as the university celebrated the International Students' Day. The event was attended by over 350 international students, and was an opportunity for the university to showcase its commitment to cultural diversity and global immersion.

Throughout the day, students put on an amazing performance that showcased their musical, dance, and singing skills.

The program presided by Dr. C. Muthamizhchelvan, Vice Chancellor of SRMIST & Mr. Lakshmi Narasimhan, Director- International Relations of SRMIST and accompanied by Ms. Anuppama, Assistant Director of International Relations IST.

At the event, Mr. Aniket Ashok Phadtare IPS, ASP, Chengalpattu District, delivered an inspiring speech, emphasizing the importance of serving the country through the civil service. His encouragement for students to join civil services likely resonated deeply with the audience,

inspiring them to pursue paths that contribute positively to society. Such speeches can truly motivate individuals to strive for excellence and make a difference in their communities. The day was a perfect representation of the rich cultural diversity of the university, with students coming from all corners of the world and bringing with them their unique customs and traditions. The celebration ended on a high note with a delicious dinner that brought everyone together, fostering a sense of community and unity among the student body. This International Students' Day celebration at SRMIST was a huge success, showcasing the university's commitment to promoting diversity, global heritage, and cultural exchange. The day was filled with laughter, learning, and memories of about 350 + students that will last a lifetime, and students left the auditorium feeling inspired and connected to each other. The university will continue to organize such events in the future to bring students together and celebrate the rich cultural tapestry of the world.





## SRMIST Man's Cricket Team wins RMK Trophy Cricket Tournament

SRMIST Men Cricket Team (Defending Champion) Won the RMK Trophy Cricket Tournament held at RMK Engineering College, kavaraipettai from 01st April to 05th April 2024.

R. Aadhyta, Iv Cse, Neel Rai, Iv Biotech,

Karnil Singh Shekawat, Iv E&I, Roshan Vignesh, li Cs, K.k. Abishek, li Big Data, G.b. Tharun, li Cse, M.abisek, li Ece, Tharun Rao, I Cse, Divyesh, I Ece, Pratham, I Cse, Om Nithin, I Cse, Akshath Senthil Kumar, I Cse, Ajay Kumar, I Ece, M.m. Nithin, I Ece, Shavac Makin, li Cse



## Inter-Departmental Sports Extravaganza

On March 19, 2024, the Inter-Departmental sports got underway where multiple departments from the Faculty of Science and Humanities actively participated. Over the course of the event's three days, numerous indoor and outdoor events were conducted. The Department of Computer Applications won several trophies under various categories of sports and stood second in the overall competitions.



## SRM College of Pharmacy observes National Pharmacy Education Day

The Government of India was keen on increasing the number of Jan Aushadhi Kendras (Government of India's low cost drug outlets) in all parts of the country, especially in rural areas, Dr. S.Kavimani, Professor and Head, Department of Pharmacology, Mother Teresa Post Graduate and Research Institute of Health Sciences, Puducherry, said on Wednesday.

Delivering his address at Pharma Anveshan 2024 – National Pharmacy Education Day at SRM College of Pharmacy at Kattankulathur, Dr. Kavimani said since its re-launch in 2015, the number of such outlets in India had now increased to more than 10,000, with the stores selling nearly 2,000 generic medicines, and nearly 300 medical equipment. With a huge discount enabling people to get medicines at rates 50 % to 80 % lower than drugs elsewhere, these outlets were a boon to people, especially those belonging to low-income groups, he added.

Dr. Kavimani, who is also State Government of Puducherry's nominated member of the Central Council of Pharmacy Council of India, said that one of biggest stumbling blocks in expanding the coverage of Jan Aushadhi outlets was availability of land – especially in villages. To overcome this, the Government of India had decided to open such stores in Primary Agricultural Credit Societies – which were functional in nearly all villages and rural areas.

While the government would supply Rs. 2 lakh worth of drugs at the time of opening of these stores, an additional sum of Rs. 1.5 lakh would also be handed over to the

owners for infrastructure development in the outlets, and this amount could be repaid later, Dr. Kavimani said.

To encourage qualified people to open such stores, the Pharmaceuticals and Medical Devices Bureau of India had approached Pharmacy Council of India to identify skilled pharmacists to open such stores. The Government of had several measures including subsidies to SC/STs, differently-abled, women, and widows to encourage people open such stores. The Council, along with Life Sciences Sector Skill Development Council has a skill development project for final year Pharmacy students and in addition, the Council also has plans for training programmes to upgrade pharmacy teachers. Medicines were procured only from World Health Organisation – Good Manufacturing Practices (WHO-GMP) certified suppliers for ensuring safety and each batch of drugs was tested at National Accreditation Board for Testing and Calibration accredited laboratories, Dr. Kavimani pointed out.

The event was sponsored by Pharmacy Council of India on the occasion of Mahadeva Lal Schroff's birth anniversary on the theme, "Leveraging Synergism: Industry – Academia Partnership for Implementation of National Education Policy." Prof. Schroff is regarded as India's founder of pharmacy and education.

Dr. V.Chitra, Dean, SRM College of Pharmacy, welcomed the gathering and leaders and executives of various pharma companies took part and spoke on the occasion.



Dr. S.Kavimani, Professor and Head, Department of Pharmacology, Mother Teresa Post Graduate and Research Institute of Health Sciences, Puducherry, and member of Central Council of Pharmacy Council of India, speaking at Pharma Anveshan 2024 – National Pharmacy Education Day at SRM College of Pharmacy at Kattankulathur.





## National Level Mathematical Symposium held at SRMIST

SRMIST Vadapalani Chennai, Hosted a National Level Mathematical Symposium spanned two days April 22- 23, 2024 organized by Department of Mathematics. The Symposium served as a platform for students from various Institutions to converge and delve into the latest advancements and breakthroughs in the field of mathematics. The symposium featuring a plethora of presentations, workshops, and discussions aimed at fostering collaboration and innovation in mathematics. The symposium was inaugurated by Dr. K. Srinivasan, Scientist G, Additional Director (Admin), CVRDE, Avadi-Chennai, along with Dr. C. V. Jayakumar, Dean (FET), SRMIST, Vadapalani. Dr. C. Rajesh, Head of the Department of Mathematics, welcomed the gathering. Dr. K. Srinivasan, Scientist 'G', delivered keynote address, providing perspective on the future direction of mathematics and its role in exploring global challenges, and Dr. S. Thalapatiraj, Faculty Coordinator, gave vote of thanks to round out the symposium. The symposium showcased the practical application of mathematics across various domains, including engineering, computer science, etc., and how mathematical theories and techniques are being utilized to solve real-world problems and drive technological advancements. The symposium emphasized the importance of interdisciplinary collaboration, fostering dialogue between participants. Students had the opportunity to present their innovative research ideas through poster sessions, facilitating knowledge exchange and networking among participants. Practical workshops and tutorials were conducted to impart hands-on skills and methodologies in specialized areas of mathematics, catering to both beginners and experienced members. The National Level Mathematical Symposium provided a dynamic platform for mathematicians and enthusiasts to engage in dialogue, share knowledge, and explore the frontiers of mathematical research and applications.

## SRMIST Celebrates World Intellectual Property Day 2024 with Notable Achievements

SRM Institute of Science and Technology (SRMIST) marked the World Intellectual Property Day 2024 with a grand event held on May 7th, 2024, at the T.P. Ganesan Auditorium Mini Hall-2. This event was organised by the SRM Directorate of Entrepreneurship and Innovation (DEI). The event commenced with a welcome address delivered by the DEI Associate Director Dr. Shantanu Patil, setting a celebratory tone for the day's proceedings. The Vice Chancellor Prof. C. Muthamizhchelvan, inaugurated the event amidst enthusiasm and anticipation. Also gracing the function were three distinguished Chief Guests: Dr. Sathyanaryana K V, Vice President of Sathguru Management Consultants; Mr. K.R.S Narayan, Business Leader - Carbon Abatement Initiatives and Economic Intelligence at Reliance Industries Ltd. and Dr. Immanuel Selvaraj, Registered Technology Transfer Professional and Mentor for the Technology Transfer Office (TTO) at SRMIST.



This momentous occasion witnessed the finalization of a significant licensing agreement between SRMIST and Ezovion Solutions Private Limited. The agreement encompasses two patents in Data Security originating from the Department of Computing Technologies, School of Computing. Mr. Kasiviswanatha Shanmugam, founder & CEO of Ezovion handed over the Licensing Term Sheet to the SRMIST Vice Chancellor. The event saw the felicitation of approximately 197 inventors who were granted patents in the academic year 2023-2024, they were acknowledged for their remarkable achievements with letters of appreciation and a memento. In a major announcement, Mahindra & Mahindra has extended its support by agreeing to host an expo showcasing patents granted to the faculty and students of SRMIST. This expo will focus on innovations in the realms of IC Engines, Electric

Vehicles, and Farm Machinery. Furthermore, Mahindra & Mahindra will facilitate the selection of suitable patents for commercialization, fostering a collaborative environment for technological advancement and entrepreneurship.

### Current Patent Statistics Of SRMIST

- \* No. of Indian Patents Filed - 890
- \* No. of Indian Patents Published - 820
- \* No. of Indian Patents Granted - 334
- \* No. of Patents Granted in the last financial year - 253
- \* No. of International Patents Filed - 30
- \* No. of International Patents Granted - 27

Multiple technologies are available for commercialization and Licensing from the Centre for Intellectual Asset Protection (CIAP) which over seas and manages the patent portfolio for the SRMIST.

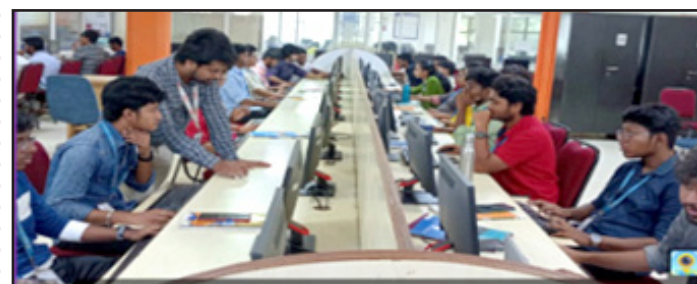
## SRMIST Archery Players Excell in TN senior and junior state championships

SRMIST archery players won medals in the following categories organized by the Archery Association of Tamil Nadu: senior and junior state championships held at Sairam Engineering College, Chennai, from May 10th to 13th, 2024.

- 1.G.R. Sriraam -Dip in Yoga Gold Medal,
- 2.Ezekiel-Dip in Yoga Bronze Medal,
- 3.Yazhinban - Dip In Yoga -4 position, Junior compound Girls, 1.Madhura Varshini.M - I-BA (Eng)-Gold, Junior Compound (Boys), 1.Rishva .R.S -II-BBA 4 position, Senior Recurve (Men), 1.A.N. Sethu Raj -I-B. Sc(PhyEdn)-Gold, Junior Recurve (Boys), 1.A.N.Naveen - I-B.Sc(PhyEdn)-Bronze , 2.M.Prithish -Dip in Yoga- Rank 12



## Workshop on "Electric Vehicle"



The Department of ECE, SRM Institute of Science and Technology, Vadapalani campus, organised a workshop on 12th April 2024. The topic was on "Electric Vehicle" and the invited speaker was Mr. FAREED AHMED, Application Engineer, CADD CENTRE Training Services Pvt Ltd, Chennai.

Mr. Fareed Ahmed discussed about the various interesting facts on EV design and also hands on practice in Matlab Simulink.

Many students came forward to ask various questions on EV design pattern, cell alignment and its real time very interesting, interactive and informative.



## Stroke awareness Program

Ms.A.Vinitha, Clinical Physiotherapist, SRM College of Physiotherapy was invited to conduct an awareness session on the topic of Stroke and its Preventive measures to the general public to commemorate "World Stroke Day 2023" by the department of Neurology, SRM Medical College Hospital and Research Centre. Prof.T.S.Veeragoudhaman,

Dean and Ms.A.Vinitha, Clinical Physiotherapist has prepared the stroke awareness pamphlet in the local language (Tamil). An educative session was conducted in the department of neurology to sensitize the public about the stroke, its preventive measures and demonstration of some recommended exercises to them on 03.11.2023.



The Helmet Awareness Demonstration Rally took place on February 13, 2024, at the KTR campus, organized by SRMIST NSS Cell Unit 5, FSH. Helmets for the event were sponsored by TN11 BIKERZZZ, Chennai. The rally was inaugurated by Dr. A. Vinay Kumar, Pro Vice-Chancellor (SBL) of SRMIST KTR, and program was graced by Dr. A. Duraisamy, Dean of FSH, and Dr. Albert Antony Raj, Deputy Dean of FSH, Dr T Lakshmanan NSS Program Advisor, Dr V Prakash NSS Program Coordinator. The coordination of the event was overseen by Dr. S. Antony Raj and Dr. P Yogalakshmi, Program officers of FSH, KTR. NSS student volunteers conducted a Helmet Usage Demonstration during the event, emphasizing the critical importance of following safe practices on the roads to prevent severe head injuries. The rally underscored the collective responsibility of both riders and communities in prioritizing helmet usage for road safety.

## International conference on Material Chemistry draws big crowd at SRMIST



The Department of Chemistry at SRM Institute of Science and Technology, Kattankulathur organised the 8th International Conference on Recent Advances in Material Chemistry (ICRAMC-2024) recently. This three-day conference was organized in association with Alternative Energies and Atomic Energy Commission (CEA), France and University Gustave Eiffel, France.

The idea of ICRAMC-2024 was to provide an excellent platform for the world's Material Scientists to share the latest developments in the area of Materials Chemistry. Among those discussed were cutting edge research topics related to materials chemistry, to name a few: Advanced Energy Materials, Drug Delivery systems, Battery technologies, Functional Materials, Sensors, Hybrid Materials, Surface Coatings, Bio-materials and Bio-devices etc. The conference features plenary lecture, invited and contributed talks as well as poster presentations organized in different sessions. The invited speakers are globally recognized experts in the respective fields. Over 300 technical papers were presented in the conference. The participants were from various countries such as France, South Korea, Singapore, and Thailand.

The Chief Guest for the event was Prof. G. Mugesh,

IPC Department Dean, Division of Chemical Sciences Indian Institute of Science, Bangalore. Also present on the occasion were SRMIST's Vice Chancellor Prof. C. Muthamizhchelvan Dean (Sciences) Dr. D. John Thiruvadigal, Dean (Research) Prof. B. Neppolian. Dr. M. Arthanareeswari, Convenor ICRAMC 2024 welcomed the delegates.

In his speech, Prof. C. Muthamizhchelvan highlighted the journey of SRMIST and its diversity of the courses and multi-campus university to cater to needs of location, along with key metrics and rankings. He appreciated Chemistry department's research publications and government funded projects.

The chief guest Prof. G. Mugesh, highlighted the step wise development of SRMIST and its current excellence. He said, "It is importance of doing challenging things and dreaming big." He also urged research scholars to take up challenges and convert them into opportunities. He stressed the recent challenges in the chemistry of materials and suggested towards designing and improving materials from lab to market, recyclability, low densities materials and environmental concern.

## A captain's courage can turn the tide of a match



The SRMIST Staff Cricket Men tournament, which took place at SRMIST Kattankulathur from March 26 to 28, 2024, won the Gold Medal for Faculty Science and Humanities and Silver medal for Nursing College Staffs.

SRMIST Badminton player, N. Pranavi III BBA, Vimal Raj I M.SC Yoga, H. Sabareeswaran III, BBA Won Gold Medal in the Tamil Nadu State Senior Ranking Badminton (Mixed Doubles) tournament held in Chennai from March 29th March to 3rd April 2024.





## International Conference on Computing Technologies for Sustainable Development

The International Research Conference on Computing Technologies for Sustainable Development, jointly organized by the DCSE SRMIST and Cardiff Metropolitan University, commenced on 9th May, 2024 at the Vadapalani campus. The conference aimed to facilitate knowledge exchange, collaboration, and innovation in the field of computing technologies for sustainable development.

The inauguration of the conference was marked by an invocation song, invoking blessings for the success of the event. This was followed by the welcome address given by Dr.S.Prasanna Devi, Conference Convener and HoD/CSE and the genesis of the conference was delivered by Dr.P.Chitra, Organizing Secretary and Professor/ CSE.

The conference inauguration featured esteemed dignitaries, including Dr. P Ilango, Group Technical Manager at HCL Technologies, who delivered the inaugural address, highlighting the significance of technological innovation for sustainable development. Other notable speakers were Dr. Raj Ramachandran, Senior Lecturer in Technologies (Head), Cardiff Metropolitan University; Mr. Deepan Raj, Senior Technical Lead, Data Scientist HCL Technologies, Chennai and Dr. Mohanraj Vengadachalam, AIML Delivery Lead, Standard Chartered Bank.

Special addresses were delivered by Dr. C. Gomathy, Vice Principal (Academics & Placements), and Dr. C.V. Jayakumar, Dean of the Faculty of Engineering and Technology, emphasizing the importance of academic

excellence and collaboration in driving sustainable development. As a gesture of appreciation, Dr. Ilango and other distinguished speakers were felicitated for their invaluable contributions to the conference. The unveiling and release of conference souvenirs further symbolized the collective dedication to knowledge and innovation in the pursuit of sustainable development goals.

The conference souvenirs, symbolizing the collective dedication to knowledge and innovation, were unveiled and released during the

event.

In his inaugural address, Dr. P Ilango highlighted the evolution of software development, emphasizing the need for innovation and research in the computing industry. Drawing from his experiences, he underscored the importance of collaboration and interaction in addressing challenges and driving progress. Dr. Ilango encouraged attendees to explore new approaches beyond traditional coding practices, leveraging conferences as platforms for knowledge sharing and networking. He emphasized the

significance of translating research into practical solutions and building interdisciplinary connections for career advancement. Overall, his address emphasized the dynamic nature of the computing field and the opportunities it offers for personal and professional growth.

Following the inauguration ceremony, the conference sessions commenced, marking the beginning of an enriching exchange of ideas and insights in the field of computing technologies for sustainable development.



## Seminar on "Teaching Pedagogies in Software Engineering"

DCSE in association with IQAC cell, organized a faculty seminar on Teaching Pedagogies in Software Engineering on April 2, 2024 at 3rd Floor Auditorium, SRMIST, Vadapalani Campus. The seminar aimed to provide insights into innovative teaching methods in software engineering and featured Dr. Raj Ramachandran, Senior Lecturer in Technologies & Head Education and Technology Research at Cardiff Metropolitan University, as the distinguished resource person. Dr. Raj Ramachandran, with extensive academic credentials including an MSc in Computer and Networking Engineering, PG Cert in Teaching and Learning in HE, and a PhD in Computing, shared his expertise with on a diverse range of achievements,

including awards and recognition in the field of education and computing. The seminar featured engaging activities aimed at elucidating pedagogical approaches in software engineering. Notably, participants enjoyed a hands-on experience of making pancakes, creatively integrated to aid understanding of theoretical concepts. To maintain a vibrant atmosphere and sustain energy levels, music was intermittently played. This served as a refreshing interlude during planning phases for group activities, fostering a lively and interactive ambiance. The strategic use of music invigorated attendees and enhanced their focus and participation. The event was coordinated by Dr.P.Durgadevi, DCSE.

## The Trilogy Effect: Inter-Disciplinary Seminar on Block Chain Technology

The Department of Computer Applications, The Department of Commerce and the Department of CS &AF in its ceaseless quest for advancement in Teaching & Development, embark on the journey of the Inter- Disciplinary Seminar. Mrs.Sneha of Kaira Academy, the Women Entrepreneur who was awarded as one of the Top 10 Women Led Start-ups from Tamil nadu, 2023 initiated the technical session. The session was packed with technical contents on introduction to Block chain, Block chain ecosystem, the advantages of block chain, how it works, applications, Challenges and Future Trends. Mr.Karthik, Trainer from Kairaa Academy also joined the technical task with his expertise and Transferred knowledge to participants. The interdepartmental seminar on blockchain technologies served as a successful platform for raising awareness, fostering collaboration, and initiating discussions on the potential of this transformative technology within the organization. The insights gained from the seminar is expected guide further exploration and strategic decision-making regarding blockchain adoption across different departments. The seminar was attended by 250+ participants from CA, Commerce and CS&AF.





## FINTECH Hackathon Preliminary Round

The FINTACH Hackathon, a significant event aimed at fostering innovation and technical skills among students, is being coordinated by the Career Centre in collaboration with the School of Computing and SIIC at SRM Institute of Science and Technology (SRMIST). This report provides an overview of the preliminary rounds conducted and sets the stage for the upcoming finals. The initial rounds of the FINTECH Hackathon were successfully conducted at the Vadapalani campus of SRMIST on 28 May 2024. The event was organized under the diligent guidance of the Head of the Department of Computer Science, Dr. S. Prasanna Devi, and the hackathon coordinator, Dr. Neelam Sanjeev Kumar. Their expertise and leadership were pivotal in ensuring the smooth execution of the preliminary rounds. A diverse group of students from various disciplines participated in the initial round, showcasing their innovative ideas and technical prowess. The enthusiasm and competitive spirit of the participants were noteworthy.

1. Problem Statements: Participants were provided with a set of challenging problem statements, which were designed to test their problem-solving skills, creativity, and technical knowledge. These problems spanned various domains including finance, technology, and innovation.
2. Coding and Development: The participants were

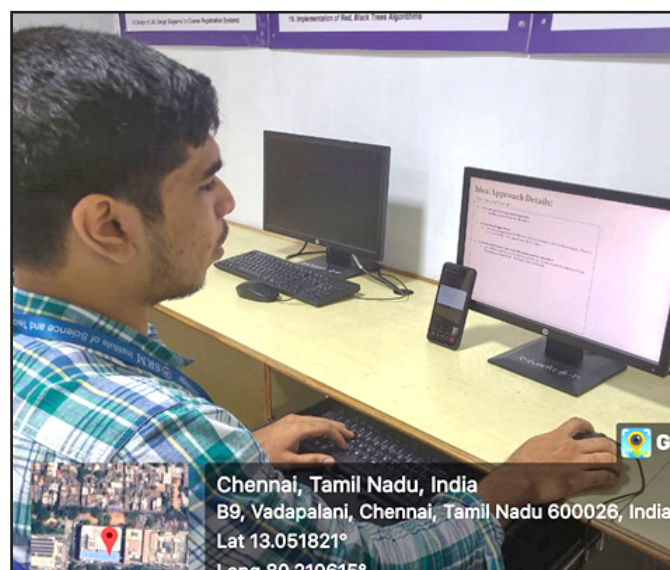
given a specific time frame to develop their solutions. This phase involved intense coding, brainstorming, and collaborative efforts among team members. Mentors were available throughout to provide guidance and support.

3. Presentation and Evaluation: After the development phase, each team presented their solutions to a panel of judges. The judges included faculty members and industry experts who evaluated the projects based on criteria such as innovation, feasibility, technical implementation, and presentation skills.

This session also served as a mentoring opportunity, preparing the participants for the final round.

The preliminary rounds of the FINTACH Hackathon at SRMIST's Vadapalani campus were a resounding success. The event not only provided a platform for students to showcase their talents but also fostered a spirit of collaboration and innovation. The Career Centre, School of Computing, and SIIC have set a high standard for the finals, and we look forward to witnessing more groundbreaking ideas and solutions in the next stage of the competition.

Special thanks to Dr. S. Prasanna Devi for her exceptional coordination and guidance. Appreciation is also extended to all participants, judges, and mentors who contributed to the success of the preliminary rounds.



## Adding Zing to Life with Energizing Tech Excellence – TechZoom 9.0



The Department of Computer Applications organized TechZoom 9.0 an Intra-Departmental Tech Fest from 4th to 7th March 2024. This event is organized every year by future-oriented thinking and aspiring Club LiveWires of the department. The objective of this event was to provide a platform for the students to showcase their innovative

talents and crazy technical crafts with a competitive spirit. It was a celebration of the technological amalgamation of crazy ideas and exuberant enthusiastic minds. The Event was a part of one of the various technical events organized every year since its inception in 2013. Over 600 students from BCA, BCA Data Science, MCA,

and MSc Applied Data Science enthusiastically participate in the events organised. It was astounding to see the way students performed. The technical fest featured a diverse array of competitions tailored to the unique expertise of each class. The participants had the opportunity to demonstrate their skills and creativity in all the fields

## A Deep Dive Into Embedded Systems And Iot

The IEEE Student Chapter at SRM Institute of Science and Technology organized a highly informative and enlightening workshop on embedded systems and IOT, involving circuit simulation using WOKWI on 8th April 2024. The distinguished resource person for this occasion was Mr. Praveen M, an Associate Software Developer at Kone Elevators, specializing in the domains of Embedded Systems and the Internet of Things (IoT).

Mr. Praveen M holds a Bachelor's Degree in BE Mechatronics Engineering from the esteemed Chennai Institute of Technology. His professional journey includes valuable tenures as an Assistant System Engineer Trainee at the renowned Tata Consultancy Services and an IoT Developer at Ninja Media Creations. In recognition of his exemplary contributions, Mr. Praveen M was bestowed with the prestigious honor of ACE Performer of 2023 by Kone Elevators India.

The workshop commenced with a

cordial welcome extended to the attendees, comprising students, faculty members, and the chief guest. The keynote speaker, Mr. Praveen M, then proceeded to deliver an insightful discourse on the intricacies of embedded systems and IoT.

Embedded systems formed the initial focus of the session, wherein Mr. Praveen M elucidated the key components, sensors, actuators, and the critical communication protocols such as UART, I2C, and SPI that govern their functionality. His comprehensive elucidation of these aspects demonstrated his profound expertise in this domain.

Subsequently, the discourse transitioned seamlessly to the burgeoning realm of IoT. Mr. Praveen M provided an in-depth exploration of the various IoT protocols and communication standards that facilitate the interconnectivity and data exchange between devices in the IoT ecosystem. His command over the subject matter was evident,

as he unveiled the vast potential and the transformative impact of IoT on our future. This was followed by a hands-on session of circuit simulation using WOKWI software.

Throughout the workshop, Mr. Praveen M's passion for his field was palpable, and his ability to articulate complex concepts in a comprehensible manner was truly commendable. The attendees departed from the event armed with a wealth of knowledge and a newfound appreciation for the brilliance that lies at the intersection of embedded systems and IoT.

The IEEE Student Chapter at SRM Institute of Science and Technology is to be applauded for curating such an insightful and enriching event, fostering an environment conducive to learning, collaboration, and innovation. Initiatives of this caliber serve as a testament to the unwavering pursuit of knowledge and the relentless drive to push the boundaries of technology for the betterment of society.

