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INSTITUTE OF SCIENCE & TECHNOLOGY
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The MHRD Minister flanked by the President of SRMIST (Left) and Founder Chancellor (Right)



The Founder Chancellor honoring the Chief Guest Poet and Lyricist Mr. Vairamuthu with the Pro Vice Chancellor (EA) and Registrar looking on

Teachers should be a role model - Founder Chancellor

STAFF WRITER

“This is a day that teachers should respect themselves with all reverence since they shape the future of the children,” said Founder Chancellor of SRM Institute of Science and Technology, Dr T R Paarivendhar, MP. He also spoke on the importance of teachers and how they should be role models for students, at the annual Teacher’s Day celebration held at the university campus in Kattankulathur recently.

The event was also presided over by Pro Vice Chancellor for Planning and Development, Dr TP Ganesh; Pro Vice Chancellor (External Affairs) Dr. R Balasubramanian and Registrar Professor N Sethuraman.

The Chancellor, who was also a teacher, addressed all the professors and lectures of the university. He said, “You should celebrate this day as a community, and respect your, selves first. The respect lies within yourselves and therefore



Founder Chancellor of SRM Institute of Science and Technology, Dr T R Paarivendhar, MP, Pro Vice Chancellor for Planning and Development, Dr TP Ganesh; Pro Vice Chancellor (External Affairs) Dr. R Balasubramanian and Registrar Professor N Sethuraman at the Teachers’ Day celebration at SRM IST.

...You should celebrate this day as a community, and respect your, selves first. The respect lies within yourselves and therefore its not simply a ceremony that is observed every year. You should be proud as the value of teachers are recognized well by bureaucrat, politics among others.

its not simply a ceremony that is observed every year. You should be proud as the value of teachers are recognized well by

bureaucrat, politics among others. At SRM we give due importance to PhDs while hiring teachers, but what is more important is your attitude. It is important to have a good and positive attitude as students will keep evaluating you all the time.”

He added, “At SRM we have 20 students under the guide of one teacher. This is a procedure to help students feel comfortable in terms of teaching and approachability to subjects. To make this successful, it takes commitment from teachers. Therefore you should be updated in your own subject and general knowledge. At SRM there are lots of challenges in the institution. Competition with other universities and so on. Therefore it is important to keep

excelling and updating yourselves constantly. This is how you can boost yourself and feel proud that we belong to the community of Dr S Radhakirshnan. Teaching is not a one man job, until we jointly think together and work for the development of our institution, this profession cannot be a success.”

Pro Vice Chancellor, Dr. R Balasubramanian said, “Teachers play an important role as they shape the future of the children.”

The teaching staff at SRM IST along with Pro Vice Chancellor for Planning and Development, T P Ganesh took the pledge prepared by our former President of India, Dr APJ Abdul Kalam.

At the event, several professors from SRM IST, namely Dean

of Agricultural Science, Dr TM Thyagarajan, Dean of Management Studies Dr VM Ponnaiya, Director of Students Affairs, Dr T Mythili, Faculty of Engineering & Technology Prof Augustin Maniraja Pandian and Dr Shanthi Chitra from English department spoke on how the university has been a big support for the grown up students and themselves.

In his vote of thanks, Registrar Professor N Sethuraman said, “Teaching is one profession that does not create jealousy. When we look at our students succeed we only feel happy that they are doing well.” He concluded saying that the University’s research program for teachers such as projects and papers will be done in 10 days.





எஸ்ஆர்எம் தமிழ்ப்பேராயம் சார்பில் தமிழ் அறிஞர்களுக்கு விருது வழங்கும் விழா

எஸ்ஆர்எம் தமிழ்ப்பேராயம் சார்பில் தமிழ் அறிஞர்களுக்கு விருது மற்றும் ரூ.15 லட்சம் ரொக்கபரிசு வேந்தர் டாக்டர் பாரிவேந்தர் எம்பி வழங்கினார் கவிஞர் வைரமுத்து பங்கேற்றார்

எஸ்ஆர்எம் தமிழ் பேராயம் சார்பில் நடைபெற்ற தமிழ் அறிஞர்களுக்கு விருது வழங்கும் விழாவில் 10 பேருக்கு ரூ.15 லட்சம் பரிசு தொகை மற்றும் விருதுகளை எஸ்ஆர்எம் கல்வி நிறுவனங்களில் நிறுவனர் வேந்தர் டாக்டர் டி.ஆர்.பாரிவேந்தர் வழங்கி பேசுகையில் உலக வாழ் தமிழர்களின் உறவு மையம் என்ற அமைப்பு உருவாக்க உள்ளதாகவும் முன்னாள் முதல்வர் கலைஞர் கருணாநிதி பெயரில் விருது வழங்கப்படும் என்றார். இதில் கவிப்பேரரசு வைரமுத்து விருது பெற்றவர்களை வாழ்த்தி பேசினார்.

எஸ்ஆர்எம் அறிவியல் தொழில்நுட்ப கல்வி நிறுவன வேந்தரும் பெரம்பலூர் நாடாளுமன்ற தொகுதி எம்பியுமான டாக்டர் டி.ஆர். பாரிவேந்தர் தமிழ் மொழியின் மீது உள்ள பற்றின் காரணமாக ஏற்கனவே உள்ள 4 தமிழ்ச்சங்கங்களின் வரிசையில் ஐந்தாவது தமிழ்சங்கமாக தமிழ்ப்பேராயம் என்ற அமைப்பை நிறுவினார். இந்தியாவில் அனைத்து மொழிகளின் மேம்பாட்டிற்காக சாகத்திய அகாடமி செயல்பட்டு வருவது போல தமிழ் மொழியின் வளர்ச்சிக்கு இந்த தமிழ்ப்பேராயம் அமைப்பு இயங்கி வருகிறது. இந்த அமைப்பின் மூலமாக தமிழ் அறிஞர்கள் புலவர்கள் கவிஞர்கள் எழுத்தாளர்களுக்கு 2012 முதல் விருது மற்றும் பரிசு தொகை வழங்கப்பட்டு வருகிறது.

எஸ்ஆர்எம் தமிழ்ப்பேராயம் சார்பில் 7 வது ஆண்டாக தமிழ்

பேராய விருதுகள் வழங்கும் விழா எஸ்ஆர்எம் அறிவியல் தொழில்நுட்ப கல்வி நிறுவனத்தின் டி.பி.கணேசன் அரங்கில் நடைபெற்றது. சென்னை கிருஷ்ணாலயா நாட்டிய குழுவினரின் நாட்டிய நிகழ்வுடன் தொடங்கிய நிகழ்ச்சிக்கு வருகை தந்தவர்களை தமிழ்ப்பேராயம் தலைரும் இணை துணைவேந்தருமான முனைவர் இர.பாலசுப்பிரமணியன் வரவேற்றார்.

நிகழ்ச்சிக்கு எஸ்ஆர்எம் கல்வி நிறுவனங்கள் நிறுவன வேந்தரும் பெரம்பலூர் நாடாளுமன்ற தொகுதி எம்பியுமான டாக்டர் டி.ஆர்.பாரிவேந்தர் தலைமை வகித்து தமிழ்ப்பேராயம் சார்பில் நீலா நதி நூலாசிரியர் கவிபித்தனுக்கு புதுமைப்பித்தன் படைப்பிலக்கிய விருது, இணைவேளி ஆசிரியர் மரபின் மைந்தன் முத்தையாவிற்கு பாரதியின் கவிதை விருது, மந்திர மரமும் மாய உலகங்களும் ஆசிரியர் முனைவர் இரா.கற்பகம், பேராசிரியர் முனைவர் கசந்தரமூர்த்திக்கு பாரிவேந்தர் ஸ்ரீதரம் விருது உள்ளிட்ட 10 பேருக்கு விருது மற்றும் ரூ.15 லட்சம் பரிசு தொகை வழங்கி பேசினார். அவர் பேசியதாவது

எஸ்ஆர்எம் கல்வி நிறுவனம் பொறியியல் மருத்துவம் மேலாண்மை கல்வி பணிகள் வழங்குவது என்றல்லாமல் தமிழ் உணர்வு பற்றுள்ளவர்களை தமிழை சுவாசிப்பவர்களை கௌரவிக்கும் வகையில் தமிழ்ப்பேராய விருதுகள் வழங்கும் நிகழ்ச்சி நடத்தப்பட்டு வருகிறது. 7 வது ஆண்டாக விருது வழங்கும் நிகழ்ச்சி இன்று நடத்துபடுகிறது. அதோடு வெளிநாடுகளில் உள்ள தமிழர்கள் புலம்பெயர்ந்த தமிழர்கள் பட்டம் பெறும் வகையில் கல்வி பணியும் செய்யப்படுகிறது.

... டாக்டர் டி.ஆர். பாரிவேந்தர் தமிழ் மொழியின் மீது உள்ள பற்றின் காரணமாக ஏற்கனவே உள்ள 4 தமிழ்ச்சங்கங்களின் வரிசையில் ஐந்தாவது தமிழ்சங்கமாக தமிழ்ப்பேராயம் என்ற அமைப்பை நிறுவினார். இந்தியாவில் அனைத்து மொழிகளின் மேம்பாட்டிற்காக சாகத்திய அகாடமி செயல்பட்டு வருவது போல தமிழ் மொழியின் வளர்ச்சிக்கு இந்த தமிழ்ப்பேராயம் அமைப்பு இயங்கி வருகிறது. இந்த அமைப்பின் மூலமாக தமிழ் அறிஞர்கள் புலவர்கள் கவிஞர்கள் எழுத்தாளர்களுக்கு 2012 முதல் விருது மற்றும் பரிசு தொகை வழங்கப்பட்டு வருகிறது.

தமிழ்ப்பேராய பணிகள் மட்டுமல்லாமல் உலக அளவில் உலக வாழ் தமிழர்கள் உறவு மையம் ஒன்று தொடங்கப்பட உள்ளது அதற்கு இந்த விழாவிற்கு சிறப்பு சேர்க்க வந்துள்ள கவிப்பேரரசு பத்மபூஷன் வைரமுத்து தலைமை ஏற்க வேண்டும் என்றார். விரைவில் இந்த நிறுவனத்தின் பட்டமளிப்பு விழா நடைபெற உள்ளது அதில் வைரமுத்துவிற்கு

மதிப்புறு புலவர் என்ற பட்டம் வழங்க உள்ளோம் அதனை அவர் ஏற்றுக்கொள்ள வேண்டும் என்றார்.

நிகழ்ச்சியில் கவிஞர் வைரமுத்து சிறப்பு விருந்தினராக பங்கேற்று விருது பெற்ற தமிழ் அறிஞர்களை பாராட்டி பேசுகையில்

தமிழ்க்காக பாடுபட்டு வரும் தமிழ் அறிஞர்களை கௌரவிக்கும் நிகழ்ச்சியில் 5 ஆயிரத்துக்கும் மேற்பட்ட இளைஞர் பட்டாளம் பங்கேற்று இருப்பது பாராட்டுக்குரியது. நிறுவனத்தின் வேந்தர் பாரிவேந்தர் கல்வி பணியுடன் தமிழ்ப்பணி ஆற்றி வருவதுடன்

தமிழ் அறிஞர்களை விருது வழங்கி கௌரவிப்பது பெருமைக்குரியது. தமிழ் அறிஞர்கள் பெயரில் விருது வழங்கப்படுகிறது தமிழுக்காக அரும்பணி ஆற்றிய முன்னாள் முதலமைச்சர் கலைஞர் கருணாநிதி பெயரில் விருது வழங்க வேண்டும் என்று கேட்டுக் கொண்டார்.

நிகழ்ச்சியில் கவிஞர் வைரமுத்து கோரிக்கையை ஏற்று அடுத்த ஆண்டு முதல் கலைஞர் கருணாநிதி பெயரில் விருது வழங்கப்படும் என்று டாக்டர் பாரிவேந்தர் அறிவித்தார்.

விழாவில் எஸ்ஆர்எம் அறிவியல் தொழில்நுட்ப கல்வி நிறுவனத்தின் பதிவாளர் முனைவர் என்.சேதுராமன் விருது பெற்ற முனைவர் இசுந்தரமூர்த்தி முனைவர் சந்திரிகா சுப்பிரமணியன் தமிழ்ப்பேராய செயலர் முனைவர் பா.ஜெயகணேஷ் உதவிபேராசிரியர் வெ.பிரபாகரன் ஆகியோர் பேசினார். முடிவில் தமிழ்ப்பேராய ஒருங்கிணைப்பாளர் பேராசிரியர் கா.மதியழகன் நன்றி கூறினார்.

Jeevan –The Suicide Prevention Campaign

STAFF WRITER

Department of Journalism and Mass Communication conducted a Suicide Prevention Campaign named 'JEEVAN' recently in Mini Hall-1 of T.P Ganesan Auditorium. The event was a collective initiative of Young Journalist Association and Post-Graduation students of Journalism and Mass Communication. This was conducted with prior importance as the campus witnessed three student suicides within a period of two months. The Chief Guest and speaker was Dr. Chithra Aravind, consultant Psychologist and Founder of Manas, a Foundation for Psychiatric help. The session dealt with all the aspects of 'Stress' among students and



suggested the ways in order to get rid of the same. It also put into notice, the reasons leading to suicide and self-harm. The three-hour interactive session ended by suggesting effective ways to provide help for those of whom who are vulnerable to suicides and mental discomfort. Along with this, a play was also staged by the post-graduation students which aimed at providing the awareness on suicide prevention

and was highly applauded by the crowd. A session on Organ-Donation Awareness was also conducted, handled by Mr. Rohith Swaminathan, a member of Care and Welfare Foundation, Chennai. This session dealt with the importance of donating organs after death and providing life to those of whom who are suffering from organ-failures. Both the sessions were informative for the students.

RUDHIRA – Blood Donation Camp

STAFF WRITER

The postgraduate students of the Department of Journalism and Mass Communication along with the Young Journalists Association organized a blood donation camp 'RUDHIRA - You are somebody's type' recently in front of the Mini Hall, Dr. T.P. Ganesan Auditorium, SRM IST. The camp was conducted in association with the Lions Blood bank which is one of Tamil Nadu's largest and most modern blood banks. More than 80 voluntary blood donors from various departments of the college were received during the camp that was held between 10 am and 3 pm. The donors were given certificates of appreciation, badges and other small mementos for their contribution towards the cause. Pledge forms for organ donation were also made available by the Care and Welfare Foundation, an NGO in Chennai that works on various causes. Around 40 students and faculty pledged to donate their organs during the camp.

In order to raise awareness about the event, the students of the Department of Journalism and Mass Communication gathered together a week ahead of the camp to form the logo of Rudhira - a blood drop, on the grounds of the college. The promotional video that followed received more than 5000 views on the official social media pages of SRM IST.



Participants at the Blood donation Camp

Chances are all we've got! Quantum Superposition

KROTHAPPALLI
PREETAM SAI

I believe that the phrase should have included "quantum mechanics" instead of "rocket science" as the principles that the former deals with are mostly bizarre and non-intuitive, like the famous quantum superposition principle. This principle gained its fame after the "Born's interpretation of the wavefunction" could explain the result from Young's double-slit experiment of 1801. I would like to share here a colloquial on superposition by the founder of Astrophilia (a cosmology oriented community of SRM where I belong), Divyansh Mansukhani, that he delivered in one of our sessions.

"We refrain relying on luck and chances, and use these terms to merely consolidate ourselves over our failures. We tend to believe in certainty in what shall proceed with our lives. Nonetheless, it seems that this grand symphony that facilitates us, our universe, is interpretable only in the language of probabilities. While the discovery of "quantum superposition" in the early 20th century marked a philosophical revolution in the physics community as it impeded objective descriptions, it helped those more in spirituality to illustrate that "it is the nature of the truth to always be undiscovered". In the following words, I shall attempt to convey the concept to the layman with the least degree of physics involved.

"Schrodinger's cat" is one celebrate thought experiment to illustrate the principle. The setup involves a cat inside an opaque shatterproof box that blows off at a certain instant. It can be agreed from basic intuition that the observer outside of the box cannot claim whether or not the cat is alive or dead after the explosion unless he performs a "measurement". Concurrently, it seems futile for the cat to not have any description before the measurement to maintain its existential continuity. So, would could be an appropriate generic description of the cat then? Why not establish the cat to be both alive and dead at the same time with the rule that whenever one measures it, it appears to be in either of the states with certain



probabilities of occurrences. A descent analogy to apprehend the principle is what I call as the "happy sad Patricia". It can be agreed very well that Patricia, like any other ordinary person, can be both happy and sad simultaneously. It would be only after I interact with her under a specific "context" that she would appear either happy or sad!

If this hasn't yet triggered within you the spark of a revolution coming out from a very subtle formulation, the following shall surely. What I am saying precisely has extremely weird implications like an object that I call as "guitar" being appearing as other instruments momentarily! Well, we don't quite experience these sorts of glitches in our daily routines because the universe, as what I can estimate, is finely tuned to sustain the perseverance of certainty at the classical order that inherits us! More fundamental and non-composite particles like electrons possess a dominant degree of witnessing this principle.

Talking more on the philosophical aspects of it, even after around a whole century after the birth of quantum theory, we are unable to answer what makes two identically performed measurements to develop a bias towards yielding a certain outcome. It makes me conjecture that a latent "context" is associated with each measurement, and then I get reminded impulsively that science doesn't work on incomplete theories! It also makes me feel shallow because the generic description, essentially, seems to be trivial in the context that it is accessible only in the "collapsed" form."



MHRD Minister inaugurates ₹. 120 crore research centre at SRMIST

STAFF WRITER

Union HRD Minister, Dr. Ramesh Pokhriyal 'Nishank', inaugurated the new building of the ₹. 120 crore state-of-the-art research centre at the SRM Institute of Science and Technology at its Kattankulathur campus, near Chennai, and also presented ₹. 6 lakh worth of prizes and certificates to the winners in the various competitions and events held as part of its popular Techno-Management fest, "Aaruush".

The Union Minister also said that the rapid strides made in the field of advanced medicine have been possible due to developments in the field of information technology. Space research helps further development in many technological fields. "New inventions and skills for research and innovation have made these things possible," the Minister said.

Speaking at the valedictory function of "Aaruush", SRM Founder Chancellor and Lok Sabha member, Dr. T. R. Paarivendhar recalled his interaction with the Minister when he went to invite him for the function. "Why are you inviting me for this function? You should call me for your convocation he said," Dr. Paarivendhar revealed. "But I told him that over 200 different educational institutes from all over India are participating to create new design and innovation in technology. They will contribute

to the various ideas and schemes of the Prime Minister."

Dr. Paarivendhar thanked the Union Minister for accepting his invitation and participating in the function.

The Founder Chancellor also spoke about how the SRM Group had put in place various rules and guidelines to help the Group to be among the top in the country that boasts of 900 universities and 50,000 colleges.

"Around 80% of those who study here are from other States. In that sense, SRM Institute of Science and Technology is a confluence of speakers of diverse languages," he said.

He also described SRM Group's great achievement the satellite that SRM students launched with the help of space scientists in 2011. "After 8 years, it is still functioning after 40,000 orbits," he said. SRMIST President Dr. P. Sathyanarayanan exhorted the students to make the "Aaruush" event an international one, and he expressed the hope that the event would encourage and inspire the students for enhancing their technological knowledge and skills for innovation. "Aaruush will help not only the students but also the SRM Group itself," Sathyanarayanan said and added that the SRM Group has decided to conduct a national-level sports festival.



Indian cricket star Suresh Raina was the guest of honour and he unveiled the commemorative souvenir of the event. Speaking after inaugurating the event, Raina described the SRM Institute as a "mini-India" as students from every part of the country, speaking various languages, are studying here.

"Education is the backbone of the country. The students studying can not only help their families but also the entire country," he said and recalled how former President Abdul Kalam was an inspiration for him and how we should follow his ideals. Raina also talked of the words of former Prime Minister Atal Bihari Vajpayee as how information technology

has brought the world into one classroom. He exhorted the students to stay dedicated and focused.

SRM Institute of Science and Technology, which is at the forefront of providing quality higher education in the country, has been goading and encouraging students to become top-notch researchers, by setting up modern research labs and earmarking large sums as funds for them. Further, to bring out the latent talent of students in science & technology, the institute has been conducting techno-management fest. SRM Group has been organising "Aaruush" annually as an all-India event from 2007 when it was inaugurated by former President Dr. APJ Abdul

Kalam. In its 13th edition this year, "Aaruush", saw the participation of 200 colleges, universities and higher educational institutes with around 60,000 students displaying their talents and skills from all over the country.

"Aaruush" fest featured seminars on innovation and design, and showcased several stalls for technology and research. Over 50 events with Nikon, Auto Desk, Oracle, IBM, Acer, Microsoft related workstations and stalls including from CVRDE were the highlights of "Aaruush" this year. Also present at the function were Vice Chancellor Dr. Sandeep Sancheti, Registrar Dr. N. Sethuraman and Aaruush Convenor Dr. A. Rathinam.



Mathematics contributes to the advancement of Science and Technology

STAFF WRITER

Mathematics plays a crucial role as it provides a logically coherent framework to industry and a universal language for the analysis, simulation, optimization, and control of industrial processes. The use of mathematical techniques gives a competitive advantage to industry by suggesting innovative, interdisciplinary approaches.

The National conference on “Progress in Mathematics towards Industrial Applications” organized by the Department of Mathematics, SRM Institute of Science & Technology, Ramapuram campus recently, was aimed to promote interaction between academy and industry, leading to innovation in both fields and providing unique opportunity to discuss the latest ideas, problems and methodologies, and contributing to the advancement of science and technology to benefit the society.

The purpose of this conference is to bring together leading academic scientists, experts from

industry and young researchers and provide a platform in which significant advances in Mathematics are presented & widespread discussions are held to promote the use of innovative Mathematics in industry. More than 100 participants from various institutions participated in this conference. Nearly 120 papers were received. Out of that selected 80 papers were presented in the conference.

The conference commenced with the inaugural function by invocation and lighting of the lamp. Dr. Shakeela Sathish, Head of the Department and Convener of the conference, welcomed the gathering. After releasing the conference proceedings, Chief Guest, Dr. D. Datta, Head, Radiological Physics & Advisory Division of Health, Safety & Environment Group, BARC, Mumbai, delivered his inaugural address. He said today’s challenges faced by academia and industry is so complex that they can only be solved through the help and participation of mathematical scientists. Dean (E&T) in his presidential address said that

many areas in academia and industry depend on mathematical sciences to open up new frontiers and advance discovery. He congratulated the Department for organizing the conference.

The first invited talk was by Dr. Datta on “Applications of Fractals to Detect Breast cancer”. He explained Breast Imaging- Reporting and Data System (BIRADS), image segmentation in Diagnostic breast cancer, Fractal approach to detect breast cancer. Dr. Vijay Kodiyalam, Professor, IMSC, gave an invited talk on “Hall’s Marriage Theorem”. In his lecture, H Combinatorics, Hall’s marriage theorem, ways of tiling with dominos, inductive step of proving the theorem on k cases, convex geometry- Birkhoff Von Neumann theorem, doubly stochastic matrix, permutation matrix were explained with examples. Dr. T. N. Janakiraman, Professor, National Institute of Technology, Trichy, gave a lecture on “Various Distance, Domination property preserving subsets of a given graph and its applications”. The concepts of self - centered graph, Trees,

center, diameter and radius of tree and their applications in various fields were expounded. In the afternoon session nearly 80 faculty members and research scholars from various Institutions made their active participation in the conference and presented their papers.

The second day of the Conference began with the invited talk by Dr. A. Kandasamy, Dean Faculty & Welfare (FW) and Professor at National Institute of Technology Karnataka (NITK), Surathkal on “Numerical Investigation of Entrance Region Flow Heat Transfer of Viscoplastic Fluids in Rotating Concentric Annuli”. He explained Newtonian fluids, Non-Newtonian fluids, entrance region flow and fully developed flow, Bingham fluid and numerical solution. Steps involved in the analysis and their applications were discussed.

The next invited talk was by Dr. Balaji Ramamurthy, Associate Professor, IIT Madras in “Distance Matrices”. Distance matrices of trees, determinant of distance matrix and their applications were

interpreted. Dr. Nachiketa Mishra, Assistant Professor, IIITDM Kancheepuram gave a lecture on “A new algebraic error estimate on CG iteration for Fourier – Galerkin based homogenization”. Numerical Homogenization, applications, examples of pixel- and voxel- based geometries, Homogenization of one space dimension were expounded. Paper presentations were conducted in parallel sessions.

Dr. K. Ganesan, Professor in Mathematics, SRM IST, Kattankulathur in his valedictory address congratulated the Department of Mathematics for continuously organizing such conferences which gives confidence to young researches and thereby acting as a platform in exchanging the ideas with others. Mr. M. Kannan, one of the Coordinator, proposed the vote of thanks. The conference was a great success where the participants were benefited by the discussions held at the fruitful and enriching technical sessions. Faculty members and research students from various institutions were benefited from this conference.



Blood Donation Camp ; “A Pint For You, an Ocean for Someone Else”

SHIVANI ARAVINDHAN

The Faculty of Management, SRM Institute of Science and Technology hosted a blood donation camp organized as a part of their fresher’s program, NOVATO’19 in association with

the Rotary Club. The event was coordinated by a group of 22 students belonging to the BBA Department under the guidance of the faculty coordinator, Mr. Vijaya Rajan.

Two teams from the Rotary Club namely, The TTK Voluntary

Health Services and The LLMRF Blood Banks arrived at the School of Management where the Blood Drive was to be held. The members of the student team helped set up the necessary requirements and the event was in full swing as potential

donors began arriving. Those who wished to donate blood were asked to fill up a form contesting their eligibility and were also checked by the doctors present on site as a means of precaution. Everyone from students to staff took part in the blood drive as an estimated 180 donors, came forward to support the cause. The camp was declared a success.

Let the Fun Begin

SHRAVYA SHARAN

The word 'Shuru' when translated to English means 'to begin' and staying true to its name, this annual cultural competition hosted by the Directorate of Student Affairs became the first of the many events to be witnessed by freshers of 2019. Exclusively meant for the first-year students, Shuru 2019, was split into off-stage and on-stage events and spanned across the first week of August with the off-stage events being conducted on August 3, 2019, and August 8, 2019, in the University Building and Medical Auditorium.

The off-stage events gave a platform to all the first-year students to showcase their talent in literary and creative art competitions like Extempore, Poetry Writing, Block and Tackle, Pen Arts, Content Writing and Painting. The competitions were received with full enthusiasm and vigor by the first-year students as each one put their best foot forward and tried to impress the judges with their creativity. Each event was judged by a separate



panel of judges composed of skilled seniors.

This fun-filled affair was followed by the on-stage events on August 10, 2019, from 9 a.m. onwards in T.P Ganesan Auditorium where students took the center stage to display their talent in cultural performances. The on-stage events began with a string of mesmerizing dance performances by the students followed by some soulful singers whose voices tugged at the audience's heartstrings. The show ended with a bang with

students dressed to the nines as they confidently took the stage to display their impeccable fashion sense.

The fest concluded on a high note with the winners being felicitated for their talent, while other participants were lauded for their effort and enthusiasm. Shuru might have ended but it ensured that the first-year students remember that this cultural fest was just the beginning of their eventful life at SRM Institute of Science and Technology. Setting new trends as they go.

A World Filled With Strokes

JELSIA ALEX

SRM Institute of Science and Technology has been recognized for conducting many events and competitions in such a way that the students not only relish but also assimilate a great deal of knowledge from it.

The Directorate of Student Affairs (DSA) organized two events; Pen Art and Painting Competition. Students were given three topics for the Pen Art. The topics were, 'Cityscape' which signified the chaotic life of human population; 'The song of life and death' which signified the beauty and romance of life and death keeping nature as a mode and 'Cartoons' which signified the happiness and entertainment in life. Similarly, students were given two topics for painting competition as well. The topics were, 'Busy street view' which signified sinking of humanity due to the effect of growing self satisfaction and selfishness and 'Mountain view'



A beautiful piece of art made by one of the participant

which signified the nature's true concept of life on earth which is to make earth same as heaven where human can cherish whatever is given to them by mother nature.

Collectively 80 students participated in both the events. Beautiful art painted with vibrant colors looked stunning and depicted great creativity and imagination of each and every person sitting there.

"We were mesmerized and at the same time shocked by looking at some of the captivating and enchanting painting drawn by students at such young age" said Creative Arts Conveners and campus Deco Conveners who were the Judges for the event.

The event was conducted successfully in such a way that the participants inculcated the importance of Art and Creativity.

Major Corporate Entities Dip Into Talent Pool of SRM Students : Phenomenal 4,749 offers

STAFF WRITER

All India highest number of offers made in any single campus by big 4 companies

Beating last year's impressive count of 3,020 offers from big four IT companies, a phenomenal 4,749 offers have been made to the graduating class of 2020 students of the SRM Institute of Science and Technology this placement season.

At the conclusion of 'Day One' processes, TCS (Ninja) has made 1,437 offers, Infosys 1,315, CTS (Cognizant Technology Solutions) 1175 and Wipro 822. Apart from this, TCS has made 183 offers under 'Digital Track' (7 lakhs per annum), said Director, Career Centre at SRMIST, Sriram Padmanabhan. This is the highest number of offers made by these four companies in any single campus in the country, he said. Under the 'Day One' arrangement which brings together the four companies within the SRM Campus, all the results are declared on one day, that is the same day.

A carnival atmosphere prevailed during this virtual 'job mela' with interviews conducted in spaces between rows of book racks at the central library at the SRM Campus. The centralized placement process organized at Kattankulathur, brings students from SRM Campuses including Modinagar, Ramapuram and Vadapalani, said Sriram S. Padmanabhan, Director, Career Centre.

More than 120 companies have visited the campus this year since the commencement of the placement season on July 22 and have made close to 6000 offers as on date. Top recruiters this year include Amazon (18 offers of 32 lakhs per annum), Barclays (25 offers of 10 lakhs per annum) and start up Udaan (4 offers of 30 lakhs per annum). Besides organizations like Veritas and Pay Pal have made internship offers whereby selected students would work in the companies during their final semester with a good chance of bagging offers. This year, the highest offer made on the campus, was 41.6 lakhs per annum by Microsoft. Padmanabhan said top companies are drawn to the SRM Campus due to the cosmopolitan character of the students. The beneficiary students are removed from the placement list to make way for other students aspiring for jobs. "We arrange mock interviews and impart advanced computing skills to students as they prepare for the placement season," he said. A landmark on the educational map of India, the SRM Institute of Science and Technology, is located in Kattankulathur, about 35 km from Chennai. The 250-acre campus, home to over 20,000 students from all over the country and abroad, has state-of-the-art laboratories for engineering and technology students, a full-fledged medical college, hospital and research centre besides a School of Public Health which is a nodal centre for implanting the National Family Health Survey in Tamil Nadu and Puducherry. The fountain head of this institution started in 2002, is a farmer turned educationist Dr. T. R. Paarivendhar who is a member of Parliament and philanthropist. Semester Abroad programme at SRM enables students to do internships at Harvard and other top notch foreign universities.

SRMIST is accredited with the highest grade of A++ by NAAC and graded as Category I university with 12 B status. All Engineering, Pharmacy, Architecture and MBA programs are approved by AICTE. SRMIST has secured third rank in the Atal Ranking of Institutions on Innovation Achievements (ARIIA). SRMIST is ranked globally by QS and rated by QS with '4 Star' globally and awarded India centric QS IGAUGE Diamond rating. SRMIST carries out cutting edge research in frontier areas with more than 224 government funded research projects at an outlay of Rs. 115 Crores since 2007. It has 11 international patents also.



A scene from Book Swap

A feast for the Bibliophiles at SRM

EASHA NAIR

Colosseum is the flagship literary based event organized by the Aaruush Organization under SRM Institute Of Science And Technology, Kattankulathur. Colosseum took place over the course of two days: and focused on helping individuals improve their literary and public speaking skills. The event was home to various activities such as British Parliamentary Debate, Blackout Poetry, Tale with a twist, Elevator Pitch, Catch Phrase and Book Swap. All of these events took place over the span of the two days in which Colosseum was conducted.

On 9th of August the first round of the sub-events were held in the Bio Engineering block. The finalists were also declared. British Parliamentary Debate saw the highest footfall alongside blackout poetry. Other events such as Elevator Pitch and Catch Phrase were also

organized on the same day. Book Swap was organized in the Java Cafeteria. The books covers were concealed with only a small description of the plot being a method for people to select their book. This event was based on the concept of “Don’t Judge A Book by Its Cover”. Similarly, the second day, the 10th of August saw the conclusion of these events where the finalists competed with each other for exciting prizes.

The events winners were awarded with Zebronic electronic merchandise. Dr. A. Rathinam, Professor (ECE Department), concluded the event with a vote of thanks to everyone who participated. This was followed by an open mic where all the attendees had a gala time in the company of good music and stand up comedy. Colosseum was a successful event and all the participants were able to gain a good experience from the same.

Reporting for Spectrum

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

Celebrating Greatness

PRIYANKA SRINIVAS

A leader of any group of people or institution is of utmost importance as his or her image reflects upon the nature and ethic of the group. Every cohort owes its success and failure to its leader, and the leaders are as celebrated as the wins or losses suffered by the group. The individuals are labeled leaders because of their revolutionary ideas and tremendous influence. One such leader, to whom the students owe their education is MP Dr. T.R. Paarivendhar, the Founder of the SRM Group and Chancellor of SRM Institute of Science and Technology.

The Chancellor celebrated his seventy-eighth birthday on 24th August, 2019. In his honour, a magnificent sports event was conducted in SRM Institute of Science and Technology, Kattankulathur, titled Founder’s Birthday Trophy 2019 - All India Inter Collegiate Tournament. It was a sports competition organized by Directorate of Physical Education and Sports Sciences in the Sports Complex built in campus. A whooping number of participants registered for the opportunity to perform their athletic best. The tournament was held in 7 discipline for women and 9 for men. Students of SRM won the first place

in over 10 disciplines. MOP College students won the first place in Ball Badminton and the women team of Hindustan IST won the first in Basket Ball.

An illuminating speech was orated by the Chancellor, which was a culmination of his life experiences which resulted in him presenting some noteworthy, valuable advice. At the end of the event, it was announced that the Chancellor will gift 100 computers to government-run school in Perambalur district. He also launched the plan to plant one lakh saplings and vouched for his dedication towards environmental protection.

Peebles and the Cosmic Microwave Background radiation

DIVYANSH MANSUKHANI

His Shaw Prize citation states that “he laid foundations in almost all modern investigations in cosmology”, and so, it becomes implausible for me to propound all his contributions in this short article. It was on 8th of this month that James Peebles was honoured with the half share of the Nobel in physics for his theoretical discoveries in the physical cosmology. To visit his most impactful contribution, the prediction of Cosmic Microwave Background radiation, let us rewind to 1964 at the Bell Telephone Lab, New Jersey where a pair of astronomers, Penzias and Wilson, set out to unexpectedly discover something that would go on to change the face of cosmology.

Using the 20 foot horn reflector that the facility possessed for dealing with satellite communication, they measured a background noise at the higher galactic latitudes. It didn’t take much long after proceeding for the further curious measurements to realize that this radiation was “isotropic” in nature, i.e. it was being received equivalently from all the directions. Therefore, the source for it was deducted to be the deep space itself. Till then, this discovery was merely an experimental data that had no physical flavour, meaning or explanation associated with it. Steven Weinberg, whom I consider



“he laid foundations in almost all modern investigations in cosmology”

my principal for philosophical reasoning, in his book “the First Three Minutes” says that it certainly wasn’t clear then that this was the most important cosmological advance since the discovery of the red shifts. When does Peebles enter into the syllabus? Penzias was set up with him by Bernard Bruke of MIT after Bruke had heard about Peebles’ yet unpublished talk at John Hopkins where he proposed a radio noise left over from the early universe using the apagogic claim that the absence of the radiation would have accelerated the nuclear reactions to create heavier elements than what composes the three-quarters of the present universe, Hydrogen. While his estimation of the temperature of the universe (10K) wasn’t

same as what Penzias and Wilson measured (3.5K), his theoretical contribution motivated the acceptance of the Big Bang Theory developed by George Gamow in the late 1940s. The cogitation goes as follows. Soon after around 3,70,000 years of origin when the first generation of photons was enabled to travel through the cosmological distances, the “recombination epoch” had emitted in gamma spectra. It is due to the exponential expansion of our universe since then that the same radiation is inferred with an elongated wavelength that falls in the microwave spectra. This is precisely what CMB signifies!

Peebles now serves as the Albert Einstein Emeritus Professor at Princeton. He marks a man of personal inspiration to me because he could predict CMB when no one did while when many could have, and that I was accompanied once by his presence at a colloquium of a third speaker. On reviewing the breakthroughs in the natural sciences such as this one, the “Copenhagen interpretation” and the realization by Plank in 1900 that energies are quantised, it becomes more and more comfortable to digest that the best decryptions of the universe have come out of luck and “ansatz”, wise guess. This should perhaps decrease my faith in discovering something elegant, and yet it doesn’t, somehow!



Students from different school attending workshop conducted by ARL

Learning Meets Fun- TEKMUX 3.0

TANYA AGGARWAL

“Tell me and I forget, teach me and I may remember, involve me and I learn.” These words were well said by Benjamin Franklin and rightly implemented by the students of SRM Institute of Science and Technology.

TEKMUX, a multi-disciplinary technical event, was organized by Aakash Research Labs, recently. The event not only focused on the technical aspects but also took into consideration the importance of professionalism, creativity and innovation.

The technical events included a 24 hours long open Hackathon that allowed students from various colleges in Chennai and Bangalore to develop, debug, and deploy puzzling algorithms which were mixed with innovative ideas. Among the 80 teams that participated in this challenging Hackathon, 18 teams were shortlisted for the second round that took place at Fab Lab. “Capture the flag” was a hacking and cyber security competition conducted on an online platform allowing students from all over

India to showcase their zest for technology. The TEAM ARL also organised workshops for underprivileged students from different government schools along with students from Vidya Mandir, allowing them to interact with experts, and gain hands-on experience by learning some of the upcoming and in-demand technologies.

The professional events included “The Start-up Games”, specially designed for budding entrepreneurs to improve their management skills. “Infinity Hunt” was an Avengers themed treasure hunt that aimed to improve the creativity, innovation, and imagination of Marvel-fans. “Shutter Snap” was an online photography competition.

Tekmux 3.0 was not only a great experience for all the tech-freaks but also for the students from various fields who displayed great enthusiasm. “Tekmux, was a perfect combination of fun and learning, that helped us understand technology in a very informative and interesting way” said one of the students who attended the event.



The organising committee with the faculty coordinators, TEDx SRM Kattankulathur

The Innovative Indian in You

B.KAVYASHRUTHI

It was an extremely eventful day at the Dr.T.P.Ganesan Auditorium, SRM Institute of Science and Technology, The School of Management (SoM) had whipped into shape a breath-taking TEDx talk themed- “Just I Read-India at Forefront of Change”. Nearly 100 individuals had shown up for an enthralling experience conferred by six venerable personalities from diverse domains. It was presided over by honourable dignitaries-Dr Michael J Barnes, Director, SoM and Dr V.M. Ponniah, Dean, SoM. The celebration of India’s bestowal to the global arena began a welcome speech. The heart of the event was embarked by Dr Vasant Shivram Shinde, Former Vice Chancellor, Deccan College, Pune, with his presentation on archaeology- ‘Wake Up Past for a Regenerative Future’. Dr Suresh Babu, professor at IIT Madras,

Nearly 100 individuals had shown up for an enthralling experience conferred by six venerable personalities from diverse domains

gave his outlook on ‘India’s March towards Sustainable Development’. Educator and founder of LMES Academy, Mr Premanand Sethurajan, provided his insights on ‘How to Harvest your Inner Scientist’. Mr Rahul Dhoka, founder of Acqua Farms, Chennai, delivered a talk on ‘No Loan Agronomy’. A fittingly genius speech was given by Dr Ravi Nayar, the co-founder of MedTech, Bengaluru, on ‘How we Beat Diseases’. A social entrepreneur from Coimbatore, Mr Padmanaban Gopalan, inspired the crowd

with his humanising speech on ‘The Spring of Big Change’.

Mr Anandhakrishna, marketing head, was extremely glad with his team’s efforts. He said, “We are happy to have given the audience all that they deserved.”

The participants also had the opportunity to meet and talk to the guests’ in person. At the end of the day, everyone left with minds awakened and hearts inspired anticipating the next big chapter of TEDx at SRM.

School students visit the sci-tech exhibition at SRM

STAFF WRITER

Students from over 10 schools visited the Techno Blizz, an Open House Science and Technology exhibition, at the Department of Electronics and Instrumentation Engineering (EIE) in SRM Institute of Science and Technology in Kattankulathur.

About 14 labs were set up with various kinds of instruments, prototypes, and equipment to help students understand the different fields in Electronics and Instrumentation Engineering. A few of these displays were developed by students and faculty of the EIE Department.

This Techno Biz was done in collaboration with Indra Gandhi Centre for Atomic Research (IGCAR), Kalpakkam. A few scientists and engineers from the nuclear research centre displayed models and explained to students on the basic functioning of the centre. Apart from students, a few industry-related professionals and researches also visited the exhibition.

Speaking about the Open House, Head of the Department, Dr A Vimala Joseph said, “This two-day event has provided information about the department and SRMIST at large. The children also got a hands-on experience on the different types

of Electronic and Instrumentation engineering through orientation and working models.”

Students who attended the event said that the exhibition was informative and interesting as they had an opportunity to interact with professionals from various backgrounds.

Some of the schools that visited the exhibition were St John’s Matriculation School, Guduvanchery; Sree Gokulam Public School, Chengalpattu; JRK Global School, Kattankulathur; Government Higher Secondary School, Maraimalai Nagar; Neelan Matriculation School, Urappakkam.

The Unsaid

JELSIA ALEX

We all keep running in search of the crown,
Not even knowing how much our heart breaks down...

We all forget the moon while counting the stars,
Not even knowing that we make ourselves,
a body full of wounds and scars...

We all loose our souls just to satisfy each and everyone,
Not even knowing that in our journey to the grave, we would
have none...

We all keep following the way to sunshine,
Not knowing that even a diamond needs some darkness to show
its bright line.

What is National Family Health Survey?

STAFF WRITER

The National Family Health Survey (NFHS) is a large-scale, multi-round survey providing information on fertility, infant and child mortality, the practice of family planning, maternal and child health, reproductive health, nutrition, anemia, and utilization and quality of health and family planning services in India. This survey was conducted in a representative sample of households throughout India.

Since the first survey in 1992–1993, three rounds of the NFHS have been conducted. The specific goals of the survey are to provide essential data on health and family welfare, as needed by the Ministry of Health and Family Welfare and other agencies, for policy and program purposes and to provide information on important emerging health and family welfare issues. IIPS is the nodal agency responsible for providing coordination and technical guidance for the survey. IIPS collaborated with several Field Organizations (FO) for survey implementation, and each FO was responsible for conducting survey activities in one or more states covered by the NFHS.

ORC Macro (USA) and other organizations provided technical assistance on specific issues related to the NFHS. USAID, DFID, the Bill and Melinda Gates Foundation, UNICEF, UNFPA, and MOHFW, GOI, have funded the different rounds of the NFHS.

Background : The National Family Health Survey (NFHS) in India was initiated in the early 1990s with the first NFHS being conducted in 1992–93. Since then, India has successfully completed four rounds - NFHS-2 in 1998–99, NFHS-3 in 2005–06 and NFHS-4 in 2015–16. All four rounds of the survey were conducted under the stewardship of the Ministry of Health and Family Welfare (MoHFW), Government of India, with the International Institute for Population Sciences (IIPS), Mumbai, as the nodal agency and technical assistance provided by the United States Agency for International Development (USAID) through ICF Macro (now called ICF). USAID has been the primary funder for the NFHS surveys, but in the two most recent surveys (NFHS-3 and NFHS-4), other development organizations, such as DFID, the Bill and Melinda Gates Foundation, UNICEF, UNFPA, the MacArthur Foundation, as well as the Government of India, also supported the surveys in a major way.

Aim of the survey: The NFHS aims to strengthen India's demographic and health database by providing reliable information as well as by strengthening the survey research capabilities of Indian institutions. This periodic survey conducted by the Government of India gives us the opportunity to assess the State of Health of India. The main objectives of the NFHS programme have been to strengthen India's

demographic and health database by providing information that is both reliable and relied upon; to strengthen the survey research capabilities of Indian institutions to provide, analyse, and disseminate high quality data; and to anticipate and meet the country's needs for data on emerging health and family welfare issues.

In 2018–2019, India will implement the fifth round of the National Family Health Survey (NFHS-5). Like its predecessors, NFHS-5 will be conducted under the stewardship of the Ministry of Health and Family Welfare, coordinated by the International Institute for Population Sciences, Mumbai, and implemented by a group of survey organizations and Population Research Centres, following a rigorous selection procedure. Technical assistance for NFHS-5 will be provided by ICF, USA, with financial support from USAID.

Currently NFHS Round 5 is being implemented in all States. The survey in Tamil Nadu and Puducherry will begin in the Second Phase between September 2019 and June 2020. Over 31,000 households would be surveyed across TN & Puducherry on Clinical, Anthropometric and Biochemical parameters as well as Women and Men's Questionnaire. This effort will provide a snapshot of the health status of Tamil Nadu and Puducherry since the last round which was in 2014.

Specific objectives and scope of NFHS-5: Each successive round of the NFHS has had two specific goals: a) to provide essential data on health and family welfare required by the Ministry of Health and Family Welfare and other agencies for policy and programme purposes, and b) to provide information on important emerging health and family welfare issues. To meet the first of the two objectives NFHS-5, like NFHS-1, NFHS-2, NFHS-3, and NFHS-4 will:

Provide estimates of the levels of fertility, infant and child mortality, maternal and child health, and other health and family welfare indicators by background characteristics at the national and state levels; and Measure trends in health and family welfare indicators overtime at the national and state levels. Similar to the NFHS-4, NFHS-5 will also provide information on several emerging issues including: Perinatal mortality, high-risk sexual behaviour, safe injections, tuberculosis, and malaria; Non-communicable diseases; Use of emergency contraception; and Disability Geographical Coverage. All the components of the National Family Health Survey (NFHS)-5 will be implemented in 29 states & 7 Union Territories (NCT Delhi, Andaman and Nicobar Islands, Lakshadweep, Puducherry, Daman and Diu, Dadra and Nagar Haveli, and Chandigarh). NFHS-5 will also provide estimates of most indicators at the district level for all 707 districts including newly created districts after 2011 Census.



SRMIST Founder Chancellor, Dr.T.R.Paarivendhar, MP extends a hand of cooperation to North Macedonia Charge de affairs Mr.Nehat Emini who was the chief guest for NFHS (round 5) launch event. SRMIST President Dr.P.Sathyannarayan to the right of the guest besides VC Dr.Sandeep Sancheti. Dean SCH Dr.Padma Venkat and Registrar Dr.N.Sethuraman.

SRM-a nodal point for National Family Health Survey

STAFF WRITER

Republic of North Macedonia moots student, professor exchange programmes with SRM Institute of Science and Technology

The Republic of North Macedonia has proposed an exchange of students and professors with the SRM Institute of Science and Technology to take the bilateral relationship to a new level. Charge d' Affaires, Embassy of North Macedonia, Nehat Emini, mooted the proposal in a meeting with SRMIST Founder Chancellor Dr. T. R. Paarivendhar, MP, and President Dr. P. Sathyannarayanan.

Noting that the School of Public Health in SRM is one of the top 10 schools in the country, SRMIST President Dr.Sathyannarayan said, "I am happy that Mr Nehat Emini, Charge d' Affaires is with us today. The sculpture and heritage of North Macedonia is very similar to India and I hope we have pivotal trade and education connection between our countries". He said it was an honour and prestige that SRM School of Public Health has been selected to do the NFHS-5. "Normally it is the government who does such surveys but this has been passed on to a private organization. This is a privilege for SRM to be designated as a nodal point for this survey in Tamil Nadu and Puducherry".

"School of Public Health is a multidisciplinary field as it involves Management, Statistics, Biology and several other fields. We have all these under one umbrella in SRM and we have to make use of these facilities for this survey," he said. "I would like to invite students from India as well as professors for exchange programmes

to my country where we have very good professors with good standing in Europe, as I am deeply convinced that our common aim is to deepen cooperation in areas of our mutual interest," said the Macedonian official who was the Chief Guest at the launch of the National Family Health Survey (NFHS) Round 5 for Tamil Nadu and Puducherry at the SRM School of Public Health, a nodal centre for implementing the survey. The project cost is estimated to be around ₹. 9 crore.

Dean, SRM School of Public Health, Dr. Padma Venkat, said the North Macedonian capital was Skopje, the birth place of Mother Teresa, who had become a legend in India for her missionary service to heal the sick and the poor. Significantly, North Macedonia was highly rated on the human development index and had a rich cultural heritage of music, art, dance and fresco paintings.

SRMIST Vice Chancellor Dr. Sandeep Sancheti called for timely completion of the survey which would be greatly beneficial to society at large. He said the SRM School of Public Health should excel in carrying out its mandate given by the government to change the perception that societal contribution of educational institutions is not so strong.

Among those present were the Registrar Dr. N. Sethuraman, Deans and Directors of SRMIST besides C Latha, Project Officer, Tamil Nadu, International Institute of Population Studies which is the national nodal centre for implementing the NFHS-5, Dr. J Allirani, Deputy Director, Dept of Family Welfare, Maternal and Child Health, Puducherry and Dr.Venkatramanan, State Bureau of Health Intelligence, Directorate of Public Health and Preventive Health.



On the wake of World Aortic Diseases Awareness Day Aortic Aneurysm Centre launched

India's First Exclusive Centre for Aortic Diseases Inaugurated

STAFF WRITER

Institute of Cardiac & Aortic Disorders (ICAD) at SIMS Hospital, Inaugurated Aortic Aneurysm Centre an exclusive center for treating gamut of Aortic Diseases in India. The launch witnessed participation of over 100 Patients and their kin, who had Cardiothoracic Surgery. Other stakeholders from all over the state also witnessed the launch ceremony. Mr. N. Ram, Chairman, The Hindu Publishing Group launched the Aortic Aneurysm Centre and presided over as the Chief Guest. Dr. Raju Sivasamy, Vice President - SIMS Hospital addressed the gathering. The launch ceremony was conducted successfully under the guidance of Dr. V.V. Bashi, Director – ICAD, SIMS Hospital.

“There is an increase in the number of patients with aortic diseases in India, Approximately 3 - 4 lakh people suffer from various types of Aortic Aneurysms in India every year; out of which only 1,000 people are getting treated. The prime objective of this Aortic Aneurysm Centre is to create awareness among Public and surgeons alike about Aortic Diseases. Awareness and advanced treatment modalities are the key factors in bringing down aortic diseases in India.” Said Dr. V.V. Bashi. Acute aortic aneurysm and aortic dissection is a dreaded complication which occur in more than 3-4 lakhs of people in India every year. Aortic dissection is a life threatening complication needing treatment within 24 hours. If not treated patient will die. In our country the awareness about aortic diseases is the least among public. If the disease can be diagnosed

early most of the patient can be treated successfully, with success rate of more than 95%. Very few centers in our country are performing aortic surgeries in large numbers. The basic risk factor for this disease are uncontrolled hypertension, smoking and some cases it occurs inherited as a familial disease. There are no dedicated centers in India so far to treat this particular problem.

September 19 is celebrated as World Aortic Disease Awareness day wherein we are participating along with other countries across the globe to create awareness among the public. From India, we are the only center which is participating in this event. Our hospital is providing free screening programme for one month, for patients who are at risk for aortic disease. We are inaugurating an exclusive center for aortic diseases for following reasons; To create awareness among the people thereby to control the factors which cause this problem like proper control of blood pressure, avoidance of smoking, exercise, controlling obesity and saving people who are at risk especially in some family where there is history of aortic aneurysm. To provide treatment for these conditions we need a big aortic team which includes Cardiothoracic surgeon, Cardiologist, Interventional radiologist, Cardiac Anaesthesiologist, Perfusionist, Intensivists, transfusion medicine specialist and large number of paramedical staff. Dr. V V Bashi and the team had performed more than 1,500 aortic surgeries which is one of the largest from any country on par with International standards.

About ICAD: ICAD at SIMS Hospital is one among the largest and dedicated Aortic Diseases Management Centre in India. Our hospital is equipped with all modalities of investigations to diagnose the disease within half an hour and take them immediately for surgery in case of emergency. Dr. V.V. Bashi - Senior Cardiothoracic and Aortic Surgeon, Dr. Murali - Senior Interventional Radiologist and Dr. Aju Jacob, Senior Cardiovascular Anaesthesiologist head the team. To perform these Complex procedures, a sophisticated state-of-the-art infrastructure is necessary. This is made a reality by the team headed by the Chairman of SRM Group, Mr. Ravi Pachamoothoo.

About SIMS Hospital: SIMS Hospitals (SRM Institutes for Medical Science) is the world renowned SRM Group's corporate hospital located in the heart of Chennai city. This 345 bed hospital offers 360 degree advanced primary, specialty medical care, cross specialty consultation, comprehensive diagnostic and multi-organ transplant facilities, all under one roof. With the finest combination of experience, expertise, cutting edge technology and well-coordinated multi-specialty Quaternary care facilities and patient centric team work, SIMS Hospital Chennai is committed to deliver services of international standards. SIMS Hospital offers holistic health care that includes prevention, prophylactic treatment and care, rehabilitation and lifestyle health education and guidance to patients, their families and clients. At SIMS, every step is aimed at ensuring excellence in patient care.

Innovation at Its Best SAE Tractor Design Competition...

PRIYANK KAPOOR

The second edition of the SAE-Indian Southern Section (SAEISS) Tractor Design Competition was held in association with SRM Institute of Science and Technology recently in the Kattankulathur campus of the university. The event that spanned across two days witnessed over 625 student registrations from more than 24 colleges all over India.

The aim of the event was to embolden students to design a working prototype of a half scale 17 HP tractor. The prototypes were to be screened on the basis of endurance, maneuverability, durability and noise. This was to be followed by a technical inspection and design presentation to finally adjudge the winner of the competition. 25 teams from different regions of the country

participated in the event. More than 50 students volunteered to assist in the smooth functioning of the event and around 20 students looked after the maintenance of the equipment. A judging panel of 30 members from prominent industries such as Mahindra and Mahindra, Royal Enfield, Simpson and TAFE evaluated the students. The happening was presided over by Mr. Sriraman, Senior Vice President, TAFE and Dr. M. Leenus Jesu Martin, Professor and Head, Department of Automobile Engineering, SRMIST. Cash prizes worth four lakhs were awarded to the students by SAEISS.

The event was a grand success; it tested the students' potential to come up with a solution in real time while also providing them with a divertissement from their monotonous schedule.



A tractor being tested on a challenging track

Need of the hour

SHRUTI RAMESH

SRM Institute of Science and Technology proudly celebrated India's 73rd Independence Day and conducted its fifth annual marathon, SRM RUN recently at the Kattankulathur campus. The event aimed to raise awareness about the need of the hour to conserve water, especially during the on-going water crisis in Tamil Nadu. The Chief Guest was an Arjuna awardee and Olympic Medalist, Mr. V. Devarajan. Registration desks opened as early as 5:00 AM; students queued up in large numbers to participate in the 5.3 kilometre run. Mr. Devarajan and Vice Chancellor of SRMIST, Dr. Sandeep Sancheti, addressed the

crowd and emphasised on the necessity of water management and saving resources. Along with the Director of Sports of SRMIST, Dr. Vaithianathan, he hoisted the national flag in front of Tech Park. Following this, at 6 AM, the honorary Chief Guest inaugurated SRM Run 5.0 and the 1,500 odd students set off at once, along with various faculty members. Volunteers were stationed at intervals to provide runners with refreshments like Red Bull, fruit juices, water, and sandwiches throughout the mini-marathon.

The event was aimed at water conservation. At the end of mini marathon, the first five runners were provided with glorious prizes.



Aerial view of the enthusiastic participants holding the Warrior Pose

Breaking yoga records by connecting our body, mind and soul

AISHWARYA IYER
SHIVANI ARAVINDHAN

Several students and staff of SRM Institute of Science and Technology participated in an event at Gill Adarsh Matriculation Higher Secondary School, Royapettah, Chennai, to break a Yoga Guinness World Record. From 3:00 pm to 5:30 pm, nearly 1,365 participants came together on the school ground to set a new world record for maximum number of people performing Virabhadhrasana III and holding it successfully

for 60 seconds. The event began with trained dancers from Hong Kong performing Bharatanatyam to classical Carnatic songs, enthralling and mesmerising the audience with their rhythm and grace. After three beautiful dance pieces ending with the Tillana, the group yoga event was set to start. All the participants had to hold the Warrior Pose or Virabhadhrasana III for 60 seconds to break the world record. The ambience was energetic; everyone was eager and determined to hold the pose for the stipulated time. There

was a loud and enthusiastic cheer after the participants held the pose for one whole minute, successfully setting a new record and inking their names permanently in history. The event was presided over by former Tamil Nadu minister, Mr. J.C.D. Prabhakar, and prominent film actor, Mr. Ajay Rathnam.

The event was a great success as it not only attempted to break a Guinness World Record but also simultaneously promoted the benefits of yoga, highlighting its importance to everyone present and participating.



Participants running for the SRM RUN 5.0

Harvard Dreams of SRM Students

STAFF WRITER

The twinkle in her eyes and infectious giggle belie her dead serious pursuit of cancer research.

A personal tragedy impelled Meghma Mukherjee to seek a cure for cancer. The trigger was her elder sister's futile battle with blood cancer a few years ago ironically while she was engaged in research on cancer. "My sister was fine four and a half years into cancer research in the United States but all of a sudden her health started failing and she was diagnosed with blood cancer," recalled Meghma.

"The internship at Harvard Medical School will be very useful for me as I will get to observe behavior of cancer cells in response to different treatments and how they interact with our immune system," she said.

Meghma and 20 others from SRM Institute of Science

and Technology, mostly bio-engineering students, are set to leave for Harvard come January for a six month internship. They have been invited by the Harvard Medical School after they submitted their profiles and project interests. SRM students have benefitted from Harvard internships in the past years, but this is the first time such a large number of them are bound for this Mecca of bio-scientists. They

will be mentored by Shiladitya Sengupta, Head, Laboratory of Cancer NanoMedicine at the Brigham and Women's Hospital in Cambridge, Massachusetts in the United States. The Hospital is a teaching facility of the Harvard Medical School.

Sandhya Govindarajan is close to realizing her childhood dream. "Ever since my childhood, I have always dreamed of becoming a

scientist and making a change in society. SRM gave me an opportunity to explore the field of Biotechnology. Through this program at Harvard Medical School, I hope to delve deeper into my area of interest," she said. Sri Vidhya, researcher in Immunology, said, "My seniors at SRM motivated me to pursue an internship at Harvard. I hope to do justice to the opportunity given and carry forward the

name and fame of my college," she said positioning herself as a student Ambassador. Genetics researcher Dhanush R said, "I seek a high level experience that HMS can give me as I want to be equipped to have a start-up which is completely based on Automated DNA Data Storage System. Srinethra Sridhar is keen on research in Regenerative Medicine and Harvard internship is a lifetime opportunity.



RARIORA 2019

DEV DARSH V PANTH &
SADHANA UPENDRAN

The RARIORA 2019, a department-level fest was conducted by the Department of Bio-technology recently in the School of Bioengineering. Spearheaded by Dr M Vairamani, Dean of Bioengineering School, and Dr R.A. Nazeer, Professor and HOD Bioengineering, the event included various workshops which exposed students to the intricacies of the field of Biotechnology. The event was primarily organized for students hailing from departments outside the Biotechnology department, especially in the “tech sector” to expose and create a dialogue between biotechnology and other fields. The events conducted included Bio Investigator, Escape room, Algae-Bro-Zone, Sensatomy, 3H Relay Challenge and The Feedback bolt. Details about these events were provided in the brochure and were announced during the events as well. Workshops conducted during the fest focused on specific topics in biotechnology like Neuroscience, Plant Biotechnology- 3H formula, Biochemistry and Microbiology.

The technological diaspora meddling in the realms of biotechnology were treated



to the welcome spectacle of a football tournament organised in order to intersperse the academic temperament with a splash of entertainment. Blood donation camps and blood Stem Cell Registry camps were organized in association with SRM Medical College and Hospital and DATRI, Blood Stem Cell Registry respectively with the sole objective to raise awareness for the same.

The event metamorphosed into a grand success as it exposed the students to the positive impacts of biotechnology by conducting numerous events and workshops in an interactive and enjoyable fashion. As the tired minds trudged back after the closing ceremony, their minds encumbered with the knowledge recently acquired, their smiles lay testament to the significance that the fest had upon them.

JAL shakthi abhiyan

STAFF WRITER

A team of NSS students and faculty from SRM Institute of Science and Technology, Kattankulathur visited Walajabad for the possible activities to be undertaken as a part of Rain water harvesting (Jal shakthi abhiyan). Play grounds of Arignal anna government school and few places near amman temple were identified for tree plantation and restoration with the help of public in consultation with the local body authorities. 125 tree saplings were planted by the NSS SRM volunteers team comprising 100 members. Tree plantation was inaugurated by the Dr. Sandeep Sancheti, honorable Vice chancellor, SRMIST along with NSS faculties Mr. Prithviraj and Mr. Karchick and Dr. T. Rajasekaran, NSS program coordinator.

It is planned to take up an awareness campaign in the minds of students of Arignal Anna government school, on rain water harvesting. Competitions and quiz were organized and a rally for the benefit of village public starting from the school covering the bazaar street and back to the school was also conducted.



Teach younger generation waste management.... Founder Chancellor

STAFF WRITER

Founder Chancellor of SRM Institute of Science and Technology, Dr T R Paarivendhar, MP released the Waste Management Books at SRM Institute of Science and Technology, Kattankulathur campus recently.

The event was presided over by Dr Vinit Vijay Dani from Mahatma Gandhi National Council of Rural Education. SRMIST is also planning to introduce an MBA in Waste Management and Social Entrepreneurship. The curriculum and syllabus for the course will soon be announced.

This is the first official launch of the books and the release event was held at SRM. The books, which consists of 5 parts, are a compilation of various things

done by various people on waste management.

Speaking on the occasion, the Chancellor said, “Our Prime Minister and the present government is very serious about management of waste. When we waste material then we should take the pain of managing it. We should be conscious about our acts and it needs to be taught to others. We are now in a situation where we have to teach the younger generation on waste segregation and management.”

MHRD Minister, Ramesh Pokhriyal who was in the city recently convey his support and blessing for this MBA programme and the book launch event. He wished SRMIST the best wishes in their endeavor.

Present on the occasion was SRMIST’s Vice Chancellor Dr



Sandeep Sancheti, Registrar Dr N Sethuraman, Director (Management) Dr Michael J Barnes, Joint Director (Research) Dr SRS Prabhakaran and other faculty members of the Institution.

SRMIST Director Management, Dr Michael J Barnes said, “SRMIST can soon become a role model in waste management. The MBA in Waste Management is an AICT approved syllabus

and will be multidisciplinary.

This is a relatively new field and there are over 17,000 job openings in the senior and management level in waste management.”

Awareness of oval cancer

STAFF WRITER

Kancheepuram Collector opened Oral Cancer Surgical Centre at SRM Kattankulathur Dental College.

“Cancer in any form, in any part of the body is harmful and oral cancer is the most vulnerable. So there is a need to increase awareness among students and teens in its prevention,” said P Ponniah, Collector, and District Magistrate- Kancheepuram District after opening the ‘Oral Cancer Surgical Centre’ at SRM Kattankulathur Dental College and Hospital located in the premises of SRM Institute of Science and Technology recently.

He said that it is important to create awareness on usage of tobacco and its impact, how these unhealthy habits should be avoided, ways to preventing it and proper diet and added, “After the Indian Government passed the 2013 Tobacco Control Act, the number of people affected by cancer has reduced. However, this is not enough and more things need to be done.”

After releasing the Braille Handbook on self-examination for Oral Potentially Malignant Disorder for visually challenged, SRMIST Founder-Chancellor and Member of Parliament, Dr TR Paarivendhar said, “Unless universities like us reach out to villages to educate them on healthy living, education, and hygiene, the anti-tobacco message cannot be passed to the masses. The government relies on universities like us to take this message forward.”

He added, “SRMIST is now serving 40 villages and it is the duty of our Dental College to conduct more camps in other villages and improve the lives of many more. Students should also be committed and help in these

camps. Now-a-days, students have started smoking at a very young age and I feel that this is the right time for us to start creating awareness.”

The first copy of Braille Handbook was received by Dipti Bhatia, CEO of National Association for the Blind. She said, “Bad habits lead to cancer and people need to be more careful. I hope SRM students can join hands with visually challenged people and work towards educating them on oral hygiene and so on.”

An educational video CDs on Anti-tobacco awareness was released by Dr Sambandam, Medical Oncologist from US. Copies of which were given to several school principals and headmistress.

Speaking on the occasion, he said, “Prevention is the best way and it is the parents who should be first teachers. Our life on earth is short and we should live a healthy life.”

Felicitating the guests, President of SRMIST, Dr P. Sathyanarayanan said, “Tobacco is a menace and this leads to high number of oral cancer deaths in adults. There are about 70 percent of the adult male in India who consume tobacco and India accounts for 12 percent of the total world population who smoke. Although our government is taking steps to control this issue, we should also be part of this initiative. SRMIST should create a strong anti-tobacco, alcohol and drug free centre in the university. We have planned to start an Oncology Centre in the medical college which will have radiation facilities to help people.”

Dean of SRMKDC, Dr N Vivek welcomed the gathering and the vote of thanks was proposed by Vice Principle of SRMKDC Dr KT Magesh.



P Ponniah, Collector, and District Magistrate- Kancheepuram District opening the Oral Cancer Surgical Centre in the presence of SRMIST Founder-Chancellor and Member of Parliament, Dr TR Paarivendhar; President of SRMIST, Dr P. Sathyanarayanan; Dipti Bhatia, CEO of National Association for the Blind; Dr Sambandam Oncologist and Registrar DR N Sethuraman and VP of SRMKDC Dr K T Magesh.

SRM Campus Erupts Into Joyful Laughter With Kenny Sebastian

STAFF WRITER

Gone was their stress as celebrated stand up comedian Kenny Sebastian tickled the funny bones of students and regaled them with his improvised music at the SRM Institute of Science and Technology recently.

“Guys and gals don’t stress because you will be great,” the cool humorist said strumming his guitar and singing of something as commonplace as “I am waking up, standing, sitting on a chair and dreaming another dream”. “I will not move to the washroom and spare you the flushing,” he said making fun of some pedestrian western music that was catching on in India. The message to students was to find their own internal rhythm and look for answers within themselves. “The problem is most people look outside for solutions,” he said.

The 45-minute show which had over 5,000 students giggling and laughing as they hung on his every comma and full stop, regarding tall boys and short girls, chappals and high heels, had an underlying sobering theme of not getting stressed up whether students were studying engineering, science, technology or arts. “I have a degree in painting and sculpture,” he said quickly adding, “And a Ph.D in ‘Disappointment’ evoking peals of laughter. Life comes in positives and negatives but it is important to be honest and work hard without losing your sense of humour, he said emphasizing the importance of mental health.



Swaying on to the stage arms held out as wings simulating a touchdown by an aeroplane, Kenny made an instant connect with them asking where he should stand, at the centre or on one flank. A girl student shouted “I love you Kenny” and pat came the response, “I don’t know you, you might be crazy, but I am just joking, I love you too, so sweet of you.”

Another rib tickler was, “Hum Theen Honge Paanch” (We three will become five) taking a dig at the country’s rising population. “it does not matter what you say, just make it sound nice,” he said breaking into a mild shocker “Tumne Paadh Diya, Hum Ne Sun Liya Kyonki Tum Ho SRM University” (You Fart, I heard it because You are SRM varsity). Alluding to students who had gathered many hours in advance of his arrival at the T.P Ganesan Auditorium, Kenny had them exploding with his remark, “Hope you took a bathroom break”.

The Kenny Sebastian show

was the highlight of the day-long ‘Jhalak’ cultural event at SRM campus. It was a sort of homecoming for Kenny who had a few years back enlivened the week-long ‘Milan’ cultural fest at SRM. Kenny’s show also brought the smiles to the faces of faculty, educationists and administrators at SRM who have been taking various measures to address the problem of depression among students which has become a world-wide challenge on campuses. It was Kenny competing in time and space with academicians, administrators, scientists and medical experts to engage students in an entirely off-academia experience.

“I feel inspired to be a stand up comedian myself. Kenny is way above his counterparts when it comes to connecting with students.” Samraj Singh Khokar, a second year student said. Said Ayush Rao, another student, “Basically what I thought of Kenny’s show was how by just being funny and observing simple things can make you that big a celebrity. All you have to do is to just enjoy what you do.”

Maharishi School students get an education tour of SRM

STAFF WRITER

About 61 students (29 Boys and 32 Girls) and three teachers of Maharishi Vidya Mandir Senior Secondary School, Irungattukottai, Sriperumbudur took part in an open house programme at SRM Institute of Science and Technology, Kattankulathur recently.

The students, who were in their 11th and 12th, were divided into groups and around the campus taken the various

facilities the university provides in the premises. The day was filled with seminars, lab visits, walkthrough, and workshops. The aim of the event was to educate school students on the complete facility, infrastructure, teaching, and research opportunity available at SRM IST.

The day started with a seminar on SRMJEEE 2019 followed by a visit to the Biotech and Genetic labs. The students then visited the Medical College and Museum, which was followed

by a walkthrough of the Dental College.

They also got a hands on knowledge about the functioning of SIIC (SRM Innovation and Incubation Centre), Nanotechnology Research Centre, Mechanical workshop, Robotics Lab, Aerospace Hanger, Automobile Workshop and concluded with a walkthrough of the Civil Lab. They were then given brochures on SRM IST and its various departments and course.



KRATORQ'19

STAFF WRITER

The most awaited National level technical symposium, KRATORQ2019, was conducted recently by the Department of Mechanical Engineering at SRMIST, Vadapalani campus. The department has taken the meticulous initiative to encourage the students to acquire knowledge in science and technology and also familiarize them with current trends happening in industry. This symposium served as a platform for students to showcase their talents and their interests toward various technologies.

The Inaugural function of KRATORQ'19 started with the presence of the guests Mr. M. Satyanandan, General Manager, Product Development - Engines, Ashok Leyland., Chennai and Prof. S. Sekar, Foundry engineering consultant. The

inaugural function was presided by Dr. K. Duraivelu, Dean (E&T) and Dr. S. Karthikeyan, Professor and Head, Department of Mechanical Engineering, proposed the welcome address. Mr. P. R. Manikandan, GM-HR, SRM IST proposed his felicitation address to all the participants.

Chief Guest Mr. M. Satyanandan delivered his address on the essential skills the present day engineering students should develop and very much highlighted the importance of attitude, above all skills, to be a successful professional. He cited his own case of journey from a fresher to the present level of his career in order to inspire the students. The souvenir on KRATORQ'19 was released by the dignitaries. The inaugural function was concluded by vote of thanks proposed by Mr. A. Sengolayan, Assistant Professor.

This symposium served as a platform for students to showcase their talents and their interests toward various technologies.

Students from various Engineering colleges across India participated in large numbers and took part in various technical and non technical events like Robo war, RC racing, Paper presentation, CAD Modeling, Lathe Master, Wild welder, wood pecker, HR Skills and so on.

The valedictory function was organized in the evening. Prizes worth ₹. 1 Lakh were distributed to the winners of various events.

All the participants were given participant certificate to motivate them. The program ended with national anthem.

SRM wins MTS Outstanding Students Section Award

STAFF WRITER

The Marine Technology Student Chapter of SRM Institute of Science and Technology, Kattankulathur has been awarded with the MTS Outstanding student section award for the year 2019. The award has been conferred by Marine Technology Society with its headquarters in Washington.

The recognition has been given based on the chapter's performance in the advancement of the society's objectives including electrical engineering applications in marine sciences and societal benefit activities.

The award will be presented to the SRM IST during the OCEANS North America conference that

is to be held from 27 to 31 October in Seattle, US. Apart from receiving a plaque, the Marine Technology Student Chapter of SRM IST will be mentioned in MTS publication and website.

The SRM IST's MTS Student Chapter won the award after beating international student chapters like Massachusetts Institute of Technology, University of Washington, North Carolina State University among others.

SRM IST is the first Indian university to start a Marine Technology Student Chapter on 22 August 2016. The chapter is headed by Secretary Dr. R. Venkatesan and Treasurer R. Nandakumar. Associate Professor, EEE Department, Dr J Preetha

Roselyn, is the faculty mentor for the SRM Chapter. EEE Department leads the chapter in conducting all the events in SRM IST.

The chapter has 35 student members and a faculty mentor. It has been very active in organizing many technical workshops, competitions for college and school students, school awareness camp in marine related fields and latest technical developments.

The student chapter was awarded with 6 International scholarships for SRM student members during the past three years. The chapter has also been actively volunteering in many activities arranged by MTS India Section.

SRM students take pledge on swachh Bharat and Jalshakti Abhiyan

STAFF WRITER

Around 6000 Students of SRM Institute of Science and Technology gathered at the Institute's premises at Kaatangulathur recently to take pledges on Swachh Bharat and Jalshakti Abhiyan.

The event was presided over by Kancheepuram District Collector, P. Ponniah, who read out the pledges and the students repeated after him. The pledges were taken in the presence of SRMIST's Registrar, Dr. N. Sethuraman. Director of Students Affairs, Dr. T. Mythili welcomed the gathering.

Speaking at the event, the Collector said, "I thank everyone for the opportunity. Jalshakti Abhiyan is a mission to conserve water and Swachh Bharat is to promote sanitation. As a bid to promote these two initiatives this mega event has been organized by SRMIST."

The Collector read the pledges which were repeated by students and faculty. After this, the Collector, P. Ponniah, planted a sapling on the occasion.

Students from various department from the Institution

Students from various department from the Institution were part of the event. Unmindful of the scorching sun, the students made their presence felt by taking the pledges enthusiastically.

were part of the event. Unmindful of the scorching sun, the students made their presence felt by taking the pledges enthusiastically.

DRDA Project Director T Sridhar and Tahsildar Shankar accompanied the Collector. Also present on the occasion were Director (Engineering & Technology) SRM Dr. C. Muthamizhchelvan, Dean (Medical) SRM MCH&RC Dr. A. Sundaram, Dean of SRM Kattankulathur Dental College, Dr. N. Vivek and Director of SRMIST Hotel Management, Dr. D. Antony Ashok Kumar, Director of Students Affairs, Dr. T. Mythili and Sports Director Dr. K. Vaithianathan.



Kancheepuram District Collector P Ponniah, SRM IST's Registrar Dr N Sethuraman, Director of Students Affairs Dr T Mythili, Dean (Medical) SRM MCH&RC Dr A Sundaram, Dean of SRM Kattankulathur Dental College Dr N Vivek, Director of SRMIST Hotel Management, Dr D Antony Ashok Kumar.



Students of SRMIST take pledges on Swachh Bharat and Jalshakti Abhiyan.



Master Blaster Suresh Raina gives pep talk to SRM Students

STAFF WRITER

In a strong motivational speech, Indian cricketer Suresh Raina told students to set their goals and work to achieve them with a sense of purpose and enjoyment.

“Just enjoy yourself, set your goals and achieve them with a smile”, said Raina who was the guest of honour at the inauguration of the 13th edition of Aaruush, the national level Techno-Management Fest at the SRM Institute of Science and Technology. “If you have education, you can achieve anything,” he said motivating students to enjoy their studies.

One of India’s most successful cricketers who played in a One Day International against England last year and has been out of action due to an injury, showed how fighting fit he is as he strode the stage at the Dr.T P Ganesan Auditorium on the Kattankulathur campus with his customary swagger and infectious enthusiasm accompanied by SRM Institute, President, Dr. P. Sathyanarayanan, Registrar N Sethuraman, faculty directors and student organizers.

“It is an honour to be invited for this tech fest at SRM and I just love the energy of the students,” the left handed middle order batsman said fielding queries from the audience with aplomb as he was asked about when he would make a comeback to Team India and his future in the Chennai Super Kings (CSK) IPL squad led by former India Captain M.S. Dhoni, Raina said he has recovered well and hoped to play for India again soon. “Dhoni is fine and you will see him soon (with CSK),” he said.

Asked to speak a few words in Tamil by a student fan, Raina said, “konjum konjum, Vannakam, Nandree (Little Little, Greetings, Thanks). Raina also obliged another student who requested him to say ‘Whistle Podu for CSK’ (Whistle for CSK Team). Over 6,000

“If you have education, you can achieve anything,”
–Suresh Raina

students packed the auditorium and their cheers sounded like a huge crowd in a cricket stadium.

Director, Research and Innovation Centre, Government of India, Dr. V.Natarajan kicked off the 4-day event in which around 1,000 students from various colleges in the country would participate.

“SRM will launch a nation wide sports festival soon”, announced President of SRMIST, Dr P Sathyanarayanan. Addressing students he said, “Aaruush 2019 is a grand fest. Aaruush literally means a ray of hope (for future of students). This national level techno-management fest is a big opportunity for students to improve their knowledge. You must enjoy what you are doing. Without enjoyment there cannot be involvement. Students should observe from such events and find aspiration and innovation. Only through innovation can you find a path to win.”

He also said that the event’s tagline ‘Rising in the Spirit of Innovation’ should soon become a reality. “This fest is not just for students but for everyone in the institution. The management will also support to make this an international one.”

Aaruush convenor Dr. A. Rathinam introduced Raina urging students to enjoy the experience of interacting with the Vice Captain of the CSK team.

Students get hands-on training on how to assemble solar study lamp at SRM

STAFF WRITER

SRM Institute of Science and Technology conducted a Student Solar Ambassador Workshop 2019 at its premises in Kattankulathur on the occasion of 150th birth anniversary of Mahatma Gandhi. This was organized by SRMIST in association with IIT Bombay as part of the Unnat Bharat

Abhiyan. The chief guest for the event was Vice Chancellor of SRMIST, Dr Sandeep Sancheti. Guest of honour was District Education Officer, Chengalputtu, A Prabakar. The Student Solar Ambassador Workshop, the seed concept of Gandhi Global Solar Yatra, is aimed at sensitizing the young generation. At the event, over 1,000 students from 13 schools were given hands on training on how to assemble a solar study lamp. Students also took a pledge of non-violence towards environment.

Speaking at the event, Associate Director (Campus Life) of SRMIST, Dr.V.Thirumurugan said that the event was organized in association with IIT Bombay. “The funds for this workshop and solar lamps were approved by Founder Chancellor of SRMIST and Member of Parliament, Dr Parivendhar. The motive of this workshop is to help younger generation to tap solar energy. They were given hands on training to assemble solar study lamps.”

Dr Sandeep Sancheti in his address to students said that it was important to have healthy living conditions because it would make their life happy. He also added cleanliness is very important and it would lead for a long and healthy life. For this we have to keep our own place clean first and do not throw waste in open spaces. This should be the core message of this event. As part of SRMIST’s initiative, NSS volunteers cleaned Potheri village on. “Our Chancellor has been kind enough to support this drive so that under-privileged students who have no access to electricity will be able to benefit through this solar drive and have a chance to use solar lamps which are cost effective and user friendly.

District Education Officer, A Prabakar said, “The situation today has changed drastically from the time he grew up and Children now a days are more knowledgeable as they get to know more information about several topics from different sources. Tamil Nadu is second in terms of education in India and our students are excelling in all aspects of life. He also congratulated SRMIST for being social conscious and taking steps to help students in having quality education. Two Technical Talks



one on Climate Change and the other on Solar Photovoltaic Systems were held for students. Dr. R. Senthil narrated a deep insight into the current Climatic scenario and how the young generation must take up sustainable development as their life’s objective to create a better place for themselves and the future generation. Dr R. Sridhar gave an electrifying technical talk on the topic solar photovoltaic systems and then went on how versatile solar PV has grown in today’s world. The Student Solar Ambassadors were accommodated to their respective training classrooms which acted as hubs of disseminating the knowledge and skills from the trainers to their trainees. The Volunteers from ASCE and maintenance staff help the trainer in 45 classrooms in university building for distribution of kits, projectors and PA system arrangements.

The valedictory function was held in a massive auditorium and the venue was filled with light from thousand solar lamps lights and joyful faces of SSA. Thousand lamps were jiggled in the tiny hands, which was a glorious spectacle to witness and the guests of honor were truly awe-struck and were convinced that the new generation was the pure and bright light of hope for the betterment of the world. The participants, school teachers and parents were really very happy and satisfied that they have indulged themselves in this global event SSA -2019, which is for a social cause. Feedbacks from the headmasters, teachers and students were confirmed about their real understanding of the present condition of our planet and the dangers of global warming. Further, they expressed their gratitude and enhanced confidence level towards the mitigation of climate change. They all together assured to strive for improving sustainability through non-violence towards the environment with a group pledge. Dr. R. Senthil proposed the expressed vote of thanks to each and everyone involved directly and indirectly to make this event successful and most importantly to the confident younger minds to become real Student Solar Ambassadors of our nation. The great SSA 2019 event concluded with National Anthem and Student Solar Ambassadors dispersed happily with a ray of hope.