



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

SPECTRUM

The Newspaper of SRMIST

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The Founder Chancellor flanked by the Vice Chancellor (left) and Pro Vice Chancellor (Right) on the announcement of 300 Scholarships



The Founder Chancellor Presenting a memento to Mr.N.Gopalaswami, former Chief Election Commissioner



Photo taken during "Train the Trainer" program

"Train the Trainer"

STAFF WRITER

With the expanding role of business globally, Faculty of Management, SRM Institute of Science and Technology (formerly known as SRM University) provides a platform for the students and the companies by signing mutually beneficial MoUs with leading Multi National Corporation (MNC's) across the globe. In the above context, School of Management SRM IST has entered an MOU with Ernst and Young (EY) recently, one of the Top four consulting firms in India on the following grounds.

- 1 To train the students/faculty on the subject by name "International Taxation and Technology"
- 2 To hire the students for Summer Internship with a stipend of ₹ 20,000 per month
- 3 To hire the students for permanent role in EY Global Delivery Services (GDS) Team on year on year basis

Based on the above Objectives, our faculty members namely Mr K Balaji, Mr T Velmurugan, Dr A Shanmugha Priya, Dr Vijay Karthikeyan and Dr Kavitha Shanmugham got trained by the experts from the Senior

Management team of EY in the areas of US Taxation for Individuals, US Taxation for Partnership firms, US Taxation for Corporate and Transfer Pricing during the academic year 2018-19 for a period of 10 days in their EY office at Bengaluru.

Also 8 out of 18 final year MBA students who took US Taxation as their electives in their 3rd and 4th semester, got placed with EY and had an opportunity to pursue their internship for a period of 3 months from Feb 2019 to April 2019 in the EY office at Bengaluru. During the internship, EY has

selected Mr E.V. Abhishek Anand a final year MBA student of SRM School of Management, SRM Institute of Science and Technology, Kattankulathur as a "SELECT INTERN" for the fiscal year 2019 to attend the EY's annual International Leadership Conference along with 9 other interns from India who will be representing EY-GDS in the conference which is scheduled to happen for a week (during July 2019) in the State of Florida, USA

This election by EY was made on the parameters like, Subject Knowledge, Discipline in the work floor, and Productivity of

the intern etc., where around 130 Interns-from various colleges all around India including leading B Schools like IIMs took part in the race, and where E.V. Abhishek Anand got the opportunity and brought laurels to SRM School of Management, SRM Institute of Science and Technology, Kattankulathur. Thanks to the Management of SRM IST especially Dr Michael Barnes- Director, Dr V M Ponniah- Dean and Dr T Vijayakumar HoD (Finance) from the School of Management for this very best initiative taken in the interest of students and teaching fraternity.

Capegemini - Tech Fiesta 2019

STAFF WRITER

Capgemini organized Tech Fiesta 2019 - a unique on-stage initiative for our NextGen talent. With various discussion formats, such as showcase zones, expert panels and technical learning sessions, Tech Fiesta 2019 saw a new-age solutions presented across the entire spectrum of future technologies.

We are proud to share that, Ms.Ishita Malhotra from final year CSE department, SRMIST emerged as the winner of the event.

International Yoga Day

STAFF WRITER

SRM Institute of Science & Technology Celebrated 5th International Yoga Day recently at the Multipurpose Indoor Stadium. Totally 300 students participated in the yoga program and demonstrated different types of yoga. Prof. Dr Sandeep Sancheti, Vice Chancellor SRM IST presided over the function and delivered the special address by explained the benefit of Yoga.



Simulation - Based Medical Education

STAFF WRITER

The Faculty Development Program on Simulation-Based Medical Education –(Level-2) was conducted, recently at the SRM / Stratus Centre for Medical Simulation, SRM MCH & RC. This program was in continuation of the Level-1 Program held earlier in January, this year, which was inaugurated by the Dean (Medical), Prof. Dr.A. Sundaram

We are extremely thankful to the management for supporting the program which is accredited with Tamilnadu Medical Council (TNMC) credit points.

The participants were Dr.K. Subramaniyan (Professor, General Medicine), Dr. R. Jai Vinod Kumar, (Professor, Surgery), Dr.P. Karthikeyan (Associate Professor, Paediatrics) Dr.R. Sangeetha (Assistant Professor, Obstetrics and Gynaecology), Dr.VM. Hari Krishnan (Senior Resident, Orthopaedics) and Dr. Rachula Daniel (Head- SRM / Stratus Centre for Medical Simulation) of SRM MCH & RC, Dr. C. Saravanan (Professor, OMFS, Kattankulathur Dental College), Ms.D.Anandhi (Associate Professor, College of Physiotherapy) and Ms.A. Sheeba Jebakani (Associate Professor, College of Nursing). They are all American Heart Association (AHA) accredited

Instructors, who had attended the Level- 1 program. The training was provided by Educational Service Specialist, Ms. Princy from Laerdal Medical India Pvt Ltd.

Knowledge acquisition, Skills proficiency, Critical Thinking/ Decision making, Simulation in teams, Clinical experience and practice were the key areas of training. The participants practiced on Sim Man 3G using pre-designed scenarios in groups. The participants also learnt to design simulation-based modules pertaining to their respective speciality area , using LLEAP software.

Next, the participants had hands-on practice, using the Hi- fidelity patient simulators, SIMMAN 3G and SIMMOM using their designed simulation modules. The highlight of the training program was on effective, structured “De-brief”, incorporating AETCOM (Attitude, Ethics and Communication).

At the end of the 3-day program, the participants said they would be integrating simulation-based topics during their classes, which will benefit the students. This will go a long way, to implement the “ Skills Module” of the new Competency based MBBS curriculum- 2019. The final Level-3 program, is scheduled for September 2019.



The team of Doctors at SRM Medical College Hospital

Liver Transplant Facility at SRM Hospital, A Boon to local residents

STAFF WRITER

The first deceased donor liver transplantation (DDLT) has been successfully performed at the state-of-the-art SRM Medical College Hospital, Kattankulathur near Chennai by doctors from Gleneagles Global health city.

The patient, a 46-year-old male from Andhra Pradesh was diagnosed with end-stage liver disease and was under medical management initially but later this failed. Due to the decompensated liver disease status and failure of medical therapy, doctors at SRM medical college hospital advised the patient and family members the urgent need for liver transplantation. As the patient did not have matching liver donor from his family he was listed for deceased donor liver transplantation (DDLT) and was kept on optimal medical management.

The 6-hour-long procedure was performed as part of the collaboration between SRM medical college hospital, Kattankulathur and Gleneagles Global Health City following a memorandum of understanding (MoU) signed by them. Gleneagles Global Health City, the largest facility of Gleneagles Global Hospitals, Chennai has inked the MoU to support the liver transplantation program.

Dr. Vivek Vij, Director – Liver Transplant & HPB surgery, Gleneagles Global Health City and his team performed deceased donor liver transplantation. Post-transplant the patient made remarkable recovery and was discharged from the hospital.

The 6-hour-long procedure was performed as part of the collaboration between SRM medical college hospital, Kattankulathur and Gleneagles Global Health City following a memorandum of understanding (MoU) signed by them. Gleneagles Global Health City, the largest facility of Gleneagles Global Hospitals, Chennai



Participants of the Simulation-Based Medical Education – Faculty Development Program (Level- 2) with the Dean (Medical), Prof. Dr. A. Sundaram.

Speaking about the partnership with SRM, Dr. Joy Varghese – Director Hepatology & Transplant Hepatology said, “The association will see Gleneagles Global Health City, Chennai bring its top-notch emergency services in liver disease and liver transplant expertise to SRM medical college hospital which will benefit the local residents. We are extremely delighted, as we successfully performed first DDLT at SRM hospital post our association.”

“Once the patient is diagnosed with Chronic Liver diseases, initial treatment of optimal medical therapy can help the patient to stabilize but on decompensating, advanced medical therapy will not work and the only option is liver transplantation,” said Dr. Vivek Vij. “Jaundice, fatigue, abdominal distension are the main symptoms suggestive of liver disease. Other symptoms are blood vomiting, passing black stools and altered sensorium”

added, Dr. Vivek Vij

Speaking on the occasion Ram Natesan - COO SRM Medical health sciences & Research said “We are particularly pleased to partner with Gleneagles Global Health city, Chennai for the Liver transplant program and would look forward to a long term association with them. To strengthen the organ transplant program at SRM we are launching a new dedicated OT complex with ICUs in SRM medical college hospital exclusively for multi-organ transplants by August’19. We will soon be setting up a heart failure clinic and doing our first Heart transplant in the coming months”.

Dr. Sundaram – Dean for SRM Medical college hospital said “We are very happy that we have aligned with Gleneagles Global Health. Hope to do more service to the poor and ailing”.

SRM Students Participating in Swachh Bharat Internship Programme on Rural Community Service

STAFF WRITER

The “Internship programme on rural community service for University/College students” for the year 2019 is implemented under the aegis of Swachh Bharat Mission (Gramin) by Rural Development and Panchayat Raj Department, Government of Tamil Nadu. A team of enthusiastic students from SRM College of Nursing, Department of Physiotherapy and Occupational Therapy actively participated in this internship contributing over 60 hours of their time. The internship commenced with an inaugural session at the Kancheepuram District Collectorate. The students were oriented to the objectives of the internship and were provided a “Handbook on Sanitation” and other guidelines. They organised and conducted swachata-related activities in Government schools and community at Appur, Kolathur, Reddipalayam, Chettipunyam and Kondamangalam villages at Kattankulathur block in Kancheepuram district. They focussed their activities on promotion of safe sanitation practices, waste segregation and disposal, personal hygiene, toilet usage, sustainable water management practices through door-to-door visits, awareness rally and street plays. Antenatal mothers and children were educated about malnutrition, worm infestation, stunting and ill-effects of poor sanitation on their health. The interns participated in mass cleaning, developing compost pit, rainwater harvesting pits and tree plantation activities. The interns also conducted swachhata-themed competitions in Government Schools and distributed prizes for students. Public walls were beautified with painting and messages about sanitation and hygiene. The participating teams will present their work at Kancheepuram District Collectorate and will be awarded participation certificates.





Founder Chancellor Lighting the Traditional Lamp

SRM is ragging free, but sets up monitoring panel as precaution

STAFF WRITER

On a day when over 5000 freshers were inducted in different courses at the SRM Institute of Science and Technology, parents from different parts of the country were assured that there was no ragging on the campus and their wards were quite safe to pursue their academic studies without worry.

Although SRMIST is ragging-free, it has been decided to form an anti-ragging committee as a confidence building measure, the Registrar Prof N Sethuraman told the packed audience of aspiring students and their parents at the freshers' induction programme held at the T P Ganesan Auditorium, believed to be one of the largest of its kind in Asia.

The initial reference to the retrograde practice of ragging was made by SRMIST Vice Chancellor Prof Sandeep Sancheti who spoke among other things about the do's and don'ts for students while welcoming them. He pointedly said they should not indulge in ragging or abuse of substances reported from some colleges. He also had advice for parents saying they should keep a vigil on their wards as well and adopt a friendly attitude of understanding problems that may be faced by their sons or daughters during their initial years on the campus. Emphasizing that there was a significant 7 per cent investment in R & D in SRMIST, he urged students to make full use of state-of-the-art



facilities for research at SRMIST to experiment and innovate as their objective should be to go beyond their standard curriculum to emerge as entrepreneurs and trail blazers. While 75 per cent attendance was necessary to qualify for examinations, he advised freshers to aim for 100 per cent attendance to derive the full benefit of knowledge and guidance from their teachers. "Even if you already have knowledge of some subject matters, you should be patient and help other students," he said. Ultimately, it was important for students to become better human beings apart from excelling in studies. Delivering the inaugural address, Founder Chancellor and newly elected Lok Sabha member Dr T R Paarivendhar

remarked that he felt guilty for taking leave from Parliament to attend the freshers induction programme. Dr Paarivendhar explained his initial feeling of guilt to skip Parliament even for a day came as he was new in Lok Sabha and had been generally urging students to ensure 100 per cent attendance at SRMIST. But a meeting with Prime Minister Narendra Modi in Delhi had changed his mind. "On Thursday, PM Modi saw me and putting an arm around my shoulder asked me, 'How is our University?' Then the idea came to me that I should take leave of absence from Parliament to attend this programme to welcome the students," he added. Assuring students about their placement in jobs after

they completed their courses, he said once they had an SRM brand tag, they did not have to worry on this score. Alluding to the PM's ambitious plan to generate 2 crore jobs every year since 2014, he noted that while this was not achieved, he could assure that SRMIST could do its bit to ensure job placements for students. He said it was not enough for students to be computer literate as they had to be competitive as well to succeed. He stressed that a degree alone was not sufficient and students should aspire for extra knowledge in their respective areas of studies. With 20,000 students in its hostels, SRMIST was more or less like a municipality, he observed adding, discipline should be maintained

by students. Noting that there were three lakes and hills near and around the campus which also had a medical college and hospital, he said students should use this ambience to improve their knowledge, health and lifestyle to become good citizens.

Among those present were Vice Chancellor Prof Sandeep Sancheti, Pro Vice Chancellor Dr T P Ganesan, Registrar Dr. N Sethuraman, besides Deans and Directors. Engineering and Technology Director Dr. C. Muthamizhchelvan proposed the vote of thanks.

The induction programme ended with a feedback session wherein four parents took the mike to explain why they chose to admit their wards in SRMIST.



SRM awards scholarships to 300 students from Perambalur Constituency

STAFF WRITER

SRM Institute of Science and Technology has offered scholarships to 300 students residing in Perambalur constituency. This was announced at a press meet by SRMIST Founder Chancellor and Perambalur MP, Dr. T. R. Paarivendhar.

The recipients hailing from economically weaker sections were selected based on their performance in their respective

board examinations, he said.

Dr. Paarivendhar said he had wanted to give something back to the people of the constituency who had elected him as their representative in Parliament. He said students should utilize this opportunity to pursue higher studies. He assured that deserving students would get suitable placements.

He said out of a total of 1500 applications from aspirants, 300 students were shortlisted for different courses offered at

SRMIST.

The break-up of overall seats allocation is as follows: Kulithalai 47, Lalgudi 47, Mannachanallur 29, Musiri 37, Perambalur 95 and Thuraiyur 45. The list of recipients was handed over by Dr. Paarivendhar to the Vice Chancellor, Dr. Sandeep Sancheti.

Asked about the meagre allocation of funds to private universities for research, Dr. Paarivendhar said internally we are discussing with AIU

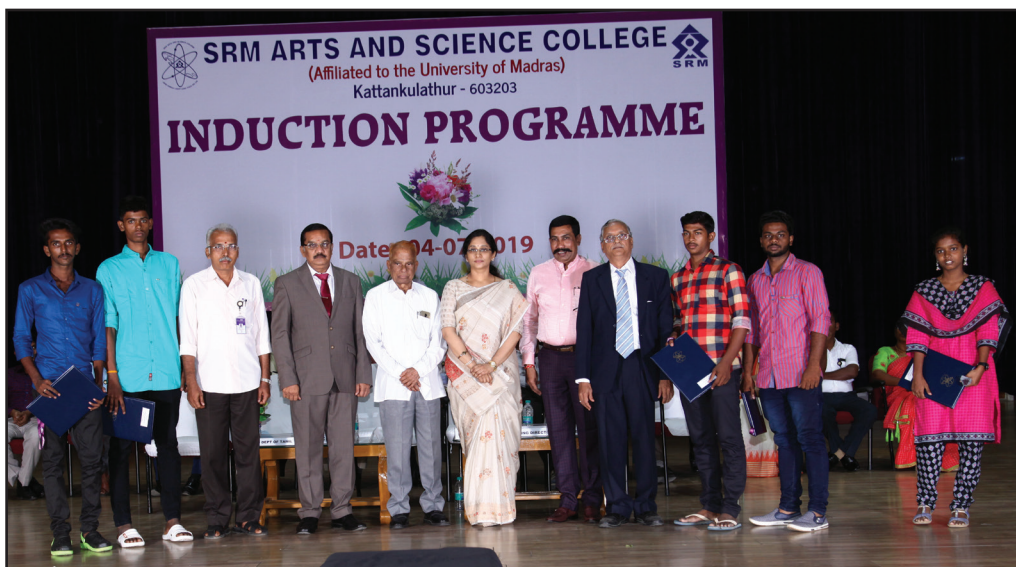
and EPSI to allot more funds to encourage more research activities.

On the proposal by Union finance minister Nirmala Sitharaman in her budget for bringing legislation to set up a higher education commission to give shape to the new education policy, he said SRM faculty would give their inputs for the same. He hoped private universities would benefit from the creation of a National Research Foundation to fund

research within the educational system.

On the water scarcity situation in Perambalur constituency, he said, "We are distributing water through tankers and digging borewells."

Among those present were Vice Chancellor Dr. Sandeep Sancheti, Pro - Vice Chancellors Dr. T. P. Ganesan and Dr. R. Balasubramanian, Director Admissions, Dr. T. V. Gopal and Controller of Examinations Dr. S. Ponnusamy.



Discover your inner-self ... Dr.T.P.Ganesan

STAFF WRITER

SRM Arts and Science College conducted its Induction day at TP Ganesan Auditorium. Dr. R. Vasudevaraj welcomed the gathering and introduced the Chief Guest to the audience.

Dr. T. P. Ganesan, Pro-Vice chancellor, SRMIST emphasized the need to discover inner self among students. Dr. K. Subburam, Associate Director, SRM Arts and

Science College felicitated the gathering. He also implied the need for Emotional Intelligence and skills. In her special address, the Managing Director of SIMS Hospitals, Chennai, Smt. R. Padmapriya spoke about the importance of dreams and achieving it through holistic development in studies.

The chief guest for the day, Mr. A. B. Devendhra Poopathy, Joint Commissioner (State Tax),

Chennai (North) Division, stated that winners do not think differently but act in a different way.

In his exceptional speech to the student community he said, "Winning is not life itself, it is just a comfort zone. what matters the most is the journey of life".

Head, Department of Visual Communication delivered the Vote of Thanks.

Cognizant Student Club - Project Expo 2019

STAFF WRITER

Cognizant conducted Project Expo contest for Cognizant Student Club members of all colleges recently. 29 teams comprising of 60 students from 12 colleges participated in the project expo. Top 3 projects

were chosen by 10 panelists and they were awarded with a shield.

We congratulate Mr. Rahul H Bhatia from our final year IT department, SRMIST who bagged the Best project award for his project titled "Voting System using Face Detection".



Mr. Rahul H Bhatia from IT Department - Winner of the Best Project

Engineering is the foundation for career growth ... Vice Chancellor

STAFF WRITER

The eleventh induction day for B. Tech courses of SRMIST, Vadapalani was held recently. The programme commenced with an invocation followed by lighting of kuthuvillakku.

Dr.K.Duraivelu, Dean (E & T), SRMIST, Vadapalani campus, welcomed the gathering. He highlighted on the special features of SRMIST, Vadapalani campus like academic ranks, placement records etc. Dr.T.V.Gopal, Director Admissions, SRMIST, expressed that there is a huge demand for Computer Science Engineering, Artificial Intelligence (AI) is most sought after by the students. He highlighted on the fact that AI can be studied even through other courses. He told that the recruiters look for analytical skills, communication ability and decision making skills. He advised the students to hold on to their passion. He wished the students all the very best. Prof N.Sethuraman, Registrar, SRMIST, asked the students to

explore all the possibilities. He advised the students to listen to their interests and act accordingly. He also reassured the fact that all the campuses of SRMIST are equally best and competitive in providing quality education. Dr.Sandeep Sancheti, Vice Chancellor, SRMIST, delivered the inaugural address. He said the most important aspect of any engineering graduate is to be an efficient engineer. He also said that change is only constant. Real intelligence is very important for all engineers. Ability to learn anything at anytime is the order of the day. Engineering remains to be the foundation for career growth. He highlighted on the awards and accolades received by SRMIST in the field of education. He gave information about various opportunities available for the budding engineers.

Mr.M.Sakthivel, Final Year B.Tech. CSE appreciated the efforts of faculty of SRMIST in widening his knowledge about computer science. Mr.



Lighting of the Traditional Lamp

Jaiakaash, ECE, expressed that he was able to do many projects with the help of faculty and professional bodies like IET, IEEE etc. Ms.R.Swarna, Final year Mechanical student, valued the activities of the department in moulding her

as a mechanical engineer. She also appreciated the faculty for helping her out to do her SAP programme in Sweden. Mr.A.S.Bhaskar, Manager, Samco Hotels (Parent) appreciated the efforts of admission committee in getting admission for his

daughter in SRMIST, Vadapalani. Mrs.Hasena Taj, Senior Vice President, CITI Bank, another parent, appreciated about the friendly attitude of staff and students of SRMIST, Vadapalani. Dr.C.Gomathy, Head, Dept. of ECE proposed the vote of thanks.

A Hackathon model that others could follow

STAFF WRITER

Namibia open to collaborations with India in diverse fields, says its High Commissioner, Mr. Gabriel P. Sinimbo, welcoming collaboration with India in diverse fields including academics and medical services.

Inaugurating the five-day Smart India Hackathon- Hardware Edition, 2019 at the SRMIST campus recently, he said the hackathon event was “very impressive” and could be a model for Namibia to follow with the participation of Namibian ministries of higher education and technology, industrialization and trade and small and medium enterprises development in partnership with his country’s business chambers. “Their partnership will be critical to organize something like this (hackathon),” he said. SRMIST Vice Chancellor Dr.Sandeep Sancheti presided.

The envoy who interacted with student participants from ten Indian universities at the FabLab in the SRM campus, lauded the hackathon for bridging

the gap between research in universities and industries as students were finding solutions to problems posed by industries. The participating industries are Apollo Hospitals, Aurobindo Pharma, Tata Steel Processing and Distribution Ltd., and Hindustan Unilever.

The SIH is jointly organized by Union Ministry of Human Resources Development, AICTE, Inter Institutional Inclusive Innovations Center (i4c) and Persistent Systems.

Inter Institutional Inclusive Innovations Center (i4c) an independent, non-profit entity is all set to identify people from India with innovative ideas.

Sinimbo noted that more affordable medical services and technical expertise made India one of the leaders in the medical field in the world. “India is geared to make it easy for African patients to come without worrying about visa, transportation and accommodation. I will sensitize our Namibian citizens not

to feel challenged when it comes to seeking medical attention in India,” he said. High Commissioner Sinimbo who later went around the SRM Hospital, said Indian hospitals like Apollo and Fortis had expressed keenness to train Namibian doctors and students. “Such collaborations will help Namibia close the gap in medical services with other countries,” he said. At present, Namibia had just one medical university, he pointed out adding, there was scope for expansion with

participation of players from India. The envoy said he looked forward to collaboration with SRM Hospital and Institute for sending students and patients.

With India emerging as a software giant and making advances in hardware as well, Information and Communications Technology was another major area of collaboration between the two countries. He said Namibia was a virtual gateway to Africa and had a treasure of investment opportunities for Indian manufacturers, energy entrepreneurs particularly in solar energy, agricultural scientists as well as welcoming Indian expertise in mining and low cost housing. With a strong democracy and very low level of crime, Namibia would be a great investment destination for Indian businesses. The envoy said he welcomed exchange of business delegations with India.

Later, the Namibian High Commissioner met the President of SRMIST, Dr.P.Satyanarayanan, SRM Hospital Dean Dr A. Sundaram and Medical Superintendent T. Swaminathan.



Students during the Hackathon



Lighting of the Lamp



Dr. Archana Arul



Mr. Shakeel Akhtar, IPS /ADGP (Crime)



Dr. K.R. Maalathi



From Left : Abirami, Gopika and Harini of JMC performing



A fresher at the Orientation



Dr. Mythili, Director of Student Affair

Look at Issues as Opportunities ..

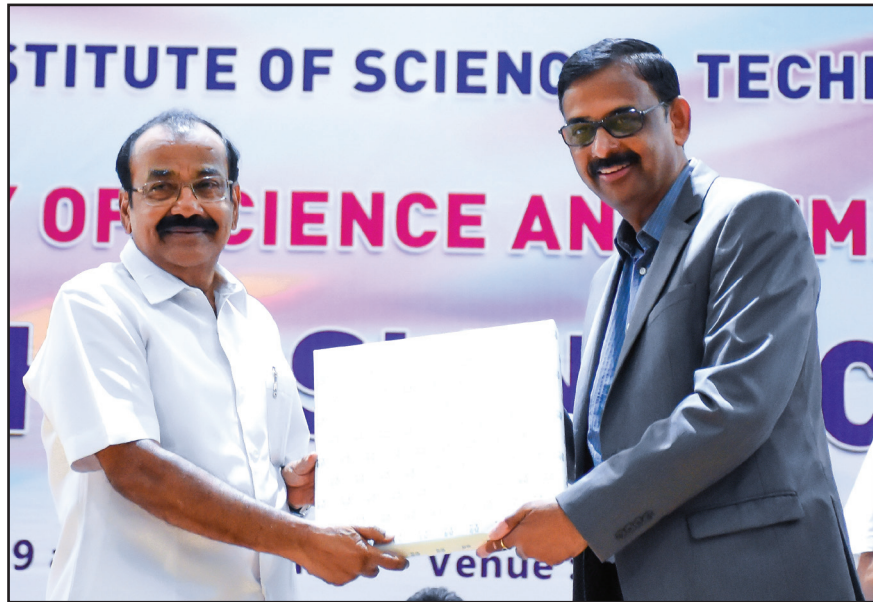
Dr. Velan tells FSH Freshers

DHARINI

Faculty of Science and Humanities hosted an induction program for freshers on 7/1/2019 at T P Ganesan Auditorium. The chief guest for the morning was Dr. C Velan, City Head-Chennai operations, Ascendas India. The program was also felicitated by Dr. Balasubramaniam, Pro-Vice Chancellor of SRMIST and Dr. N Sethuraman, Registrar. Directors and Deans of various faculties and Heads of several departments were also present.

Dr Velan began his address by quoting Ratan Tata's words "Look at your issues as opportunities". He injected motivation into the students by explaining how India's youth are going to play a pivotal role in shaping the country's future. "We all leave one day. When we leave, what we leave for the Nation to talk about? India's economy is progressing and you are at the right time to share your part into it. Be focused and do things differently. The need for non-technical knowledge in the country is growing. You are all fortunate to study at SRM, make use of it", he further added.

Earlier in welcoming parents, guardians and freshers, the Pro Vice Chancellor (External Affairs), Dr. R. Balasubramanian spoke on the extensive facilities that were available at the Faculty of Science and Humanities and urged incoming students to make full use of them. Reminding



The Pro Vice Chancellor (External Affairs) presents a memento to Dr. Velan

students that the future was very much in their hands, Dr. Balasubramanian urged the incoming freshers to explore every avenue that came their ways in their study at SRMIST. "We go the full distance in making sure we provide an education that goes much beyond classrooms and examinations to include an understanding of the society and the environment around you", he said.

Addressing the gathering, the Registrar of SRMIST, Dr. N. Sethuraman, spoke of the rapid expansion of the Faculty of Science and Humanities in a span of about

15 years and exhorted students to take advantage of the faculty and infrastructure as they have their career in their minds. The Registrar also wanted parents and guardians to stay in peace as they left their wards at SRM. "At SRM we have no tolerance for ragging of any kind and we take this issue very seriously" he said. Dr. Sridhar Krishnaswami, Professor of Journalism and Mass Communication and Deputy Dean presented the broad framework of the FSH and Dr. K. Shantichitra, Head of the Dept. Of English, proposed a vote of thanks. The Induction program was compered by Dr. Archana Arul, Head of

the Department of Journalism and Mass Communication.

Following the Induction of Freshers, the Faculty of Science and Humanities had a two day Orientation for the new students. Principally organized by Drs Archana Arul and Shantichitra, the program saw both in-house administrators as well as experts from outside SRM to speak to students on various issues and challenges facing them as they make this vital transition in their lives. Dr. Mythili, Director of Students Affairs shared insights on how students can reach out for any assistance; Dr. Sriram Padmanabhan, Director Career Center spoke of the excellent career and placement opportunities.

A highlight of the Orientation program was a talk on "Say NO to Drugs", by Mr. Shakeel Akhther IPS who is currently the Additional Director General of Police (Crime). Explaining in detail about how drugs affects health, the senior police officer also discussed the psychological and social effects of getting into the drug habit as also the legal implications that awaited anyone convicted on drug offences. Dr. K.R. Maalathi, Advisor at SRM Public School and generally an Educational Consultant spoke to students on a phase of life they are about to enter and how they should be using the time and opportunity to improve their skills in communication, general knowledge and technology.



Parents, Guardians and Faculty at the Induction Program



Update, Adapt and Innovate – The Magic Mantra

STAFF WRITER

“Innovate and share the limelight with successful people” said the Chief Guest Mr. Sathappan Narayanan, Managing Director, Accenture, in his Convocation Day address during the 15th Graduation Day in SRM Valliammai Engineering College recently.

The Chief Guest in his address appreciated all the graduands of the day and emphasized the importance of being successful in one's career. The young engineers were encouraged to innovate and transform their innovations into real time achievement. To be successful, one must have a wider exposure to the latest technology and should strive for their betterment. He urged fresh graduates of today to identify their specific interests, develop their inquisitiveness and subsequently infuse adaptability into themselves.

This would surely stimulate their minds to update themselves with the recent trends that keep surfacing in the modern world. The Chief Guest persuaded the future technologist to confront difficulties and complexities



confidently and venture to encounter risks with determination and prudence. They were advised not to be perturbed by early failure as failing early will surely help them cross hurdles later on in life and achieve successful outcomes. The Graduation Day which was organized with exuberance and grandeur was indeed a proud moment for all the 829 graduands, 13 Anna University Rank holders, their parents, the Staff and the Management. After the formal academic procession, the Graduation Day ceremony was declared open by Dr. Sandeep Sancheti, Vice Chancellor, SRM Institute of Science and Technology. Dr. T.P. Ganesan,

Director, SRMVEC & Pro Vice Chancellor Planning and Development, SRM Institute of Science and Technology welcomed the august gathering. The graduation day report was presented by the Principal, Dr. B. Chidhambararajan.

The report comprised of the proud accomplishments and accolades received by the college, the students and the Staff members. As the curtains came down, the stakeholders including the Management, the Staff, the students and their parents were filled with pride and accomplishments and looked on to more laurels coming their way.

Certificate Course in Sports Coaching

STAFF REPORTER

SRM IST organized a Six week certificate course in sports coaching from in the following discipline, Under the Auspices of Sports Authority of India.

Athletics, Basketball, Football, Kabaddi and Volleyball

Students from all over India attended the Six week certificate course in Sports coaching. Most of the students are working in Schools, Colleges, Railways, Police and in services public sector.

The purpose of attending the course is to enrich their knowledge in the concerned discipline. They had Morning and evening practicals and in between from 10.00 a.m to 1.00 p.m theory classes and they learnt the advance training methods in their particular disciplines. During practical they learnt Tactics & Strategy that they were adopting in the game situations. In addition to that they learnt rules and regulations.

Dr. K.Ramasamy, Director (Faculty & Academics) delivered the valedictory address and distributed the certificates to the trainees, Prof Dr.K.Vaithianathan; Director Sports welcomed the gathering. Dr R.Mohana Krishnan proposed the vote of thanks. All the SAI coaches attended the function and graced the occasion.

COURSE TOPPERS

Sl.No	Name	Reg No	Discipline	Marks
1	Damodharan.c	2019Aths06	Athletics	76
2	Santhana Krishnan.J	2019Bbs43	Basketball	76
3	Monish.e	2019Fbs13	Football	76
4	Rajasekar.r	2019Kbs20	Kabaddi	75
5	Deepan Raj.m	2019Vbs05	Volleyball	76



Placement Update

STAFF WRITER

The academic year 2018-19 season saw a record number of increase in both companies visited and the offers made. It recorded 600 Companies with 6,777 offers issued with the highest package offered being 39,50,000/annum by Microsoft. We have witnessed our students achieving great heights, maintaining high-level of performance, and proved to be a great asset to the recruiting organizations.

With the commencement of Campus Placement season 2020, students from all colleges, in their Final year, are gearing up to get first job out of campus.

SRM IST is beginning the placement season with Amazon (32 Lakhs) ; Udaan (30 Lakhs) and Nutanix (18 Lakhs)

We wish the upcoming season 2019-2020 to be a great success.



Former CEC flays fake news on EVMs for Creating Myth

STAFF WRITER

Taking a dig at winners in the recently concluded Lok Sabha elections who had made an issue of so-called rigged Electronic Voting Machines (EVMs), former Chief Election Commissioner N Gopalaswami observed that these critics had fallen silent now and praised the 'Janata Janardhan' (supreme public mandate) for their victory.

Speaking on 'Indian Elections and Enduring Myths' at the SRM Institute of Science and Technology recently, Gopalaswami remarked in lighter vein spiced with sarcasm that leaders who contested from two constituencies, winning one seat and losing the other, should now ponder which EVMs in which booths were tampered with. SRMIST founder chancellor and MP, Dr T R Paarivendhar said the lecture was the first in a series planned by the institution to spark public debates on burning issues.

The veteran bureaucrat who had supervised the 15th Lok Sabha elections flayed the rampant "fake news" relating to the EVMs over the years even though they were "stand alone machines" not connected to any online system. This fake news had created one of the biggest myths of Indian democracy that EVMs were tamperable and could be meddled with.

He recalled that Punjab Chief Minister Capt Amrinder Singh had challenged the use of EVMs in the state's high court in 2002 but trials failed to prove his charge and he had fallen silent after he won. In 1982 one contestant had challenged EVMs in the Kerala high court

but the court did not agree. He said BJP spokesperson G V L Narasimha Rao in a book in 2009 had faulted the EVMs for the party's defeat and Dr Subramaniam Swamy had cited US experts to claim that EVMs could be tampered with. However, the matter could not be proved. Later a US expert at a gathering in Chennai had emphatically said that stand alone machines could not be tampered with.

He said the latest trend of demanding Voter Verifiable Paper Audit Trails attached to EVMs had also not put the controversy over EVMs at rest. "VVPAT has come but the allegations have not stopped," he observed. Other myths related to EVMs included suspicion that software in the machines could be hijacked or made to behave in a particular way and that this was possible because EVM chips were manufactured in Japan. An AAP leader in Delhi had prepared a machine to show that first ten votes for a candidate would ensure that all other votes would be recorded in his or her favour. But this was not an EVM checked by the Election Commission. The EC has very strict methodology to monitor how EVMs record votes and a series of steps to verify the fidelity of these machines, he added. Yet rumours are floated regarding EVMs come election time. Gopalaswami said perhaps "New EVMs would have to be manufactured to settle the myths over EVMs."

On the proposal by the Modi government for One Nation, One Election, Gopalaswami said the EC had conducted simultaneous elections to state assemblies and

the Lok Sabha in 1951-52, 1957, 1962 and 1967 and there was no reason why it could not be done again. "This will require constitutional amendments but that can not be a hurdle," he said "But will we do it, I have my doubts," he added.

Gopalaswami said One India, One Election would cut down time and costs. The issue was not whether Modi would be elected for the next five or ten years but how best it would serve the national interest.

Replying to queries from the audience of academics and students, he said India was still a fledgling democracy with tendencies for violence that made it necessary for huge deployment of para-military forces. He said very few policy were deployed during elections in US, Maldives and Sri Lanka as citizens were committed to free and fair polls. "I hope one day this can be possible in India," he said.

He lambasted the vote for money culture in Tamil Nadu as demeaning the glorious ancient Tamil civilization. In contrast, in Kerala if money is offered to voters, the offenders would be beaten up.

On a suggestion by the founder chancellor of SRMIST and Lok Sabha MP, Dr T R Paarivendhar that voting age should be reduced from 18 to 16, Gopalaswami urged him to introduce a private member's bill in the House in this regard.

He urged students from other states to register as voters in TamilNadu instead of having to travel back home to their respective states to exercise their franchise.

Understand pain of customers

STAFF WRITER

With India lagging behind in hardware development even as it has progressed by leaps and bounds in software, the Smart India Hackathon Hardware edition, 2019 held at the signature FabLab of the SRM Institute of Science and Technology was a significant event.

The winners were Team Livonian from Bannari Amman Institute of Technology, Erode, Team Whack1 from Bharati Vidyapeeth's College of Engineering, Delhi, Team Sangili Thalavaadu from Kumaraguru College of Technology, Coimbatore and Team Trinetra from Madanapalle Institute of Science and Technology, Chittoor. The teams were presented cheques of ₹ one lakh each and trophies. Ten teams participated to find solutions to problem statements given by Apollo Hospitals, Tata Steel, Aurobindo Pharma and Hindustan Unilever.

The five-day competition at SRM, a nodal centre of SIH Hardware Edition, was kicked off by Namibian High Commissioner Gabriel P Sinimbo and concluded with a call to engineering students to understand the pain of customers in the process of developing prototypes and products. "Students have to Pain Storm apart from Brain Storming while developing products and prototypes," Dr Sanjay Tyagi, Director, STPI, Chennai, said delivering the valedictory address.

He said with the Union finance minister announcing incentives for start ups, there was no better platform than Hackathons for students to interface with industries to emerge as start up entrepreneurs. "Info Tech companies will look into your bio-data to see how many hackathons and pitchfests you have participated in as well as the ideas you have come up with, and this is probably going to play a very important part to get your job," Dr Tyagi said.

He said Chennai has been significantly chosen for setting up a Centre for Excellence for financial technology at the Software Technology Parks of India (STPI).

Ms Shubangi Bhagwat, SIH Nodal Centre Head, in her special address, said Hackathons had created a positive eco system for start ups and would go a long way to create next generation solutions. Start ups would be much more productive and satisfying than doing routine jobs, she said. Using a favourite line of PM Narendra Modi, she asked student participants, "How is the Josh (Spirit)?" evoking cheers at the mini hall of the T P Ganesan Auditorium.

SRM Director, Engineering and Technology, Dr. C. Muthuthamizhselvan, in his welcome address, thanked the students and industries for their participation. Dr Shantanu Patil, SPOC, SIH-2019, proposed the vote of thanks.



Winners and runners of Smart India Hackathon 2019



SRMSAT-1 Completes 40,000 Orbits

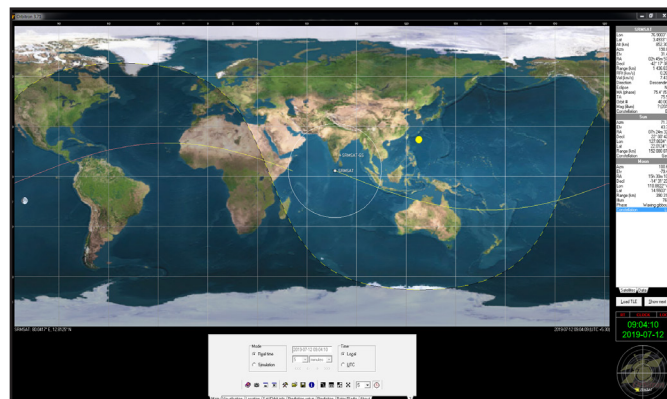
STAFF WRITER

Indigenously designed and built by students of the SRM Institute of Science and Technology in collaboration with the Indian Space Research Organization (ISRO), the nano-satellite SRMSAT-1 has completed 40,000 orbits since it was launched on October 12, 2011 from Sriharikota.

Speaking about the significant milestone, Dr S R S Prabakaran, Joint Director (Research) at SRMIST, said that the satellite has outlived its original life span of two years and continues to send data to the ground control centre in the campus at Kattankulathur in Kancheepuram district. Indeed, the satellite will complete nine years in space on October 11th this year.

An ambitious project conceived by SRMIST President Dr P. Satyanarayanan, the satellite is tasked to monitor and estimate carbon dioxide and water vapor in tropical atmosphere globally.

“We are proud of our students who built and launched the satellite with the help of



Model of SRMSAT-1 sending data to ground control centre

ISRO,” Prof Prabakaran said complimenting all branches of engineering students and faculty mentors at SRMIST who came together to create the satellite. ISRO provided solar cells and batteries for the satellite apart from making available its facility at the Satish Dhawan Space Centre at Sriharikota for the launch.

To demonstrate rendezvous and docking using an in-house developed docking port involving two small satellites the students of Team SRMSAT have developed a novel design for a docking port which is unique in terms of its mechanism and operation. The two satellites will also

accommodate scientific payloads that will operate in orbit after the demonstration in order to obtain useful data for the scientific community. Different fields of interest have been considered for this purpose and a few have been shortlisted, Dr Prabakaran added. The exact choices of payloads are currently under review and will be finalized after further communication with ISRO.

On upcoming initiatives of the SRM students who have formed a Team SRMSAT, he said one of the projects being proposed to ISRO was on how to neutralize and/or prevent space debris, he added.

Assisting and uplifting local villages

STAFF WRITER

SRM Institute of Science and Technology Kattankulathur, in coordination with the District Administration under the guidance of MHRD, New Delhi has organized many events during the past one year under “UNNAT BHARAT ABHIYAN”.

The Institute has adopted the following 5 Villages and planned for the Scientific and Technological interventions for the upliftment of the villages.

1. ANJUR,
2. PATTARAVAKKAM,
3. THENMELPAKKAM,
4. ORATHUR,
5. NATTARASANPATTU.

As a part Unnat Bharat Abhiyan activities, the Institute organized a function at 11 AM on 10.07.2019 at Govt High School, Anjur for the conduct of “Medical & Health Camp and distribution of educational learning kits for Science Lab”.

Dr.V.Thirumurugan, Associate Director (Campus Life) and UBA Nodal Officer, SRMIST welcomed the gathering. He acknowledged the SRM teams whose technology intervention proposals have been sanctioned by MHRD, New Delhi.

Dr.M.Logaraj, Head of Community Medicine, SRMIST briefed about the objectives of Unnat Bharat Abhiyan. Dr.K.Vijayakumar, Head of EEE Department, SRMIST initiated the idea of equipping

the science lab. Mr.Kartar Singh, Director International Relations, SRMIST expressed his gratitude to SRMIST and the School’s Management for working towards a good cause.

Dr.C.Muthamizhchelvan, Director (E&T), SRMIST in his presidential address offered SRM’s continued support towards the upliftment of the school’s facilities.

Mr.A.Jayapal, PTA President and Mr.A.Baskar, Head Master of Anjur Govt High School were immensely thankful to SRMIST for organizing the medical camp and donating the experimental learning kits for their science lab. Mr.Bharathi, Panchayat Officer, Anjur graced the occasion. All the dignitaries were felicitated during the function.

The event was also attended by a team of international students from Teesside University, Middlesbrough, UK, who have been on a week-long field visit, observing and participating in community development activities under UBA at Anjur. Dr. Simon Lynch, their Principal Lecturer remarked about their enriching experience and is looking forward to support this program in future through their University. The inaugural event was followed by visit to Science Lab where the Science teacher and students explained the theory, process and applications of the experimental kits. The International students from Teesside University had helped in setting up the Science Lab.



Director – Career Centre - Mr.Sriram S. Padmanabhan ; Deputy Managing Director – Mr.Sriram Viji (TVS) along with the Senior Management Team (TVS)

TVS Brakes top management visit SRM

STAFF WRITER

The Senior Management Team headed by Mr. Sriram Viji – Deputy Managing Director (TVS) along with an eight member senior management team visited our campus recently. They visited our Facilities and Laboratories

in Automobile Engineering Department, Bosch Rexroth, Fab Bay, Machining Centre, Bio Engineering Department, Nanotechnology and SRM - WABCO COE.

The state-of-the art facilities available at our premise made a positive impact on their visit.

The visit paved a way for a successful collaboration of SRMIST with TVS and will focus on various aspects like establishing a Centre of Excellence (COE), Subject Matter Experts (AME) Talks, Faculty Development programs and research in other areas.

On the pursuit of exploring!

DIVYANSH MANSUKHANI
SHARMISTA PAUL

It has been around 13.8 billion years that our universe has come into the existence, and we, the modern humans, have lived only a small fraction of this age. Despite this, we have been able to estimate with good precision the state of the universe at even a hundredth second after the beginning. We have always been the explorers of the deep space, so much so that we could conjecture a lot of its arrangement just by the naked eyes. More importantly, we could move on from the orthodox and the religious interpretations of the conduct of the universe. We have demonstrated extraordinarily our imagination and creativity to formulate certain theories,

that we have kept on revising through the millenniums. Since we haven't yet answered the deepest mysteries such as our existence and its purpose, we may as well agree that our current understanding might only be an illusion subjective over our limited inference, and not the absolute truth. Despite this realization, we have always devoted ourselves to decrypt the universe with the least degree of selfishness, and have exotically worked collectively not for any applicative benefits, but for a common motion to merely understand the laws that govern whatever composes our surroundings. We look forward to make more sense of the disputed universe with even more enthusiasm and rigour so that we don't stand speechless when an amateur asks us about the multiverse theory, or even something like consciousness!



Call to develop technology to transform quality of life in rural areas

STAFF WRITER

SRM Institute of Science and Technology, Kattankulathur, July 12: Ace nuclear physicist Rajagopala Chidambaram considered the 'Hero' of Pokhran-2 nuclear tests in 1998, said Friday that Technology has a pivotal role to play in transforming quality of life in rural areas.

Delivering the inaugural address to the SRM Technical Summit 4.0 on the theme of 'Pioneering Social Innovation', Chidambaram said, "When the quality of life in rural areas becomes comparable to urban areas, then only India can be considered a developed country." Achieving the United Nations designated development goals is only the starting point, he said urging engineering student delegates from across the country to become creators of technology, not followers. This fourth T-Summit is a build up to the 13th edition of Aaruush, the national level Techno-Management Fest

of SRMIST, scheduled from September 26.

Speaking on 'Technology is Power', he noted that Indian engineers would play an instrumental role in developing Gaganyaan, the country's first manned flight mission in space scheduled to be launched before 2022 and Chandrayan-2 with Lander and Rover later this year. Alluding to the Pokhran tests which he had supervised during his tenure, the former Atomic Energy Commission Chairman stressing the indigenous scientific effort said, "We stole knowledge from nobody." In contrast, China and Pakistan benefitted from borrowed technology, he said.

On fears expressed by late physicist Stephen Hawking regard Artificial Intelligence taking control of human lives that might spell the end of the human race, Chidambaram said Roger Penrose of the Tesla group had debunked this theory by asserting that humans would always be smarter than AI. Referring to

futurologist Alvin Toffler's famous quote, "Yesterday Violence was Power, Today Wealth is Power and Tomorrow Knowledge will be Power," Chidambaram said, "Today Technology is Power." The former director of Bhabha Atomic Research Centre said Indian scientists and researchers had to be in the forefront to create new IP to make the country immune to technology control regimes imposed by certain developed nations.

In his keynote address, high energy physicist Dr Atul Gurtu who led a 70-member team which participated in the CERN Experiment at the Large Hadron Collider, the world's

largest particle accelerator, said collaboration and cooperation within the international team comprising was in itself a transforming experience as it made the scientists inter-dependent on one another.

Guest of honour, noted geologist and inc fellow of the Indian Academy of Sciences Dr. Vikram Chandra Thakur, urged students to come up with solutions for environmental degradation of various hill towns in India in the Himalayan region. He expressed grave concern over the scenario of vanishing agricultural land and green cover due to expansion of concrete jungles. The water problem in river rich areas and

reduction of water table in Punjab were matters of great concern, he said. He lamented that funding of projects to prevent landslides remained unimplemented on the ground.

In his presidential address, Director Engineering and Technology, Dr C Muthamizhchelvan, said higher education institutions were no longer rigid in offering multi-disciplinary courses if they resulted in more innovation in research. He asked engineering students to extend their interests beyond their selected courses. Dr V M Ponniah, Dean, Faculty of Management, welcomed the delegates from 24 institutions including IITs and NITs.



SRM T-Summit 4.0 inaugurated by Dr. R. Chidambaram (Former director of BARC) alongside Dr C Muthamizhchelvan, Director E&T, Dr Atul Gurtu, Physicist, Dr. Vikram Chandra Thakur, Geologist, Dr V M Ponniah, Dean, Faculty of Management, Dr. A. Rathinam, Convenor, Aaruush