



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

SPECTRUM

The Newspaper of SRMIST

For private circulation only

Volume 12 Number 4



Dr. Mohan Kameswaran receiving the D.Sc (Honoris Causa) from the speaker of the Lok Sabha, Smt. Sumitra Mahajan.



Dr. V.K. Saraswat, Member Niti Aayog, receiving a memento at the 14th Convocation



NSS special camp at Govt. Primary School at Vadamelpakkam

STAFF WRITER

NSS SRM organized a special camp centered at Govt. Primary School at Vadamelpakkam, Kanchipuram District.

Dr. A. Sundaram, Dean, SRM Medical college hospital and research center offered special address. Further, he inaugurated tree plantation program along with Dr. T. Rajasekaran, NSS program coordinator accompanied by Dr. T. Sujatha, and Mrs. Angelin Dhanalakshmi, NSS Program Officers.

Then Water drums to carry drinking water, Writing pads with print of Clean India in Tamil and English, Ceiling

fans and different sport goods were donated on the occasion of valedictory function. Finally school headmistress offered vote of thanks.

Various activities undertaken were: Survey and awareness on disposal of solid wastes among villagers, Tree plantation in the school campus and village premises, Rally on the importance of cleanliness, Wall paintings on phonetics and swachh bharat and awareness slogans, School cleaning, Temple cleaning, Awareness to students on personal hygiene, dental care and prevention of worm infestation, and Conduct of Spoken English class for students

Tissue Engineering and Cancer Research Laboratory Undergraduate Students proceeding Abroad for Higher Studies

STAFF WRITER

Yet again, the final year B.Tech students of Tissue Engineering and Cancer Research Laboratory (TECRL), Department of Biotechnology have been offered admission in reputed universities all over the world.

They pursued their research projects under the mentorship of Professor N. Selvamurugan. The details of the students and their admission for higher studies are as follows: Saathvika Ravi, Ph. D. program in Biology, University of Houston, USA; S. Saiganesh, Masters in Molecular Biology and Biotechnology, University of

Groningen, Netherlands; Harsha Rao, Masters in Biotechnology, University of California Irvine, USA; Haritha A. Menon, Masters in Biotechnology, McGill University, Canada; Preethi S. Soundarya, Masters program, University of Copenhagen, Denmark; V. Sanjay, Masters program, University of Uppsala,

Sweden; Harini Balaji, M. Sc. in Molecular Medicine, University of Tübingen, Germany; Pranav Kumar Shadamarshan, M. Sc. in Human Biology, Ludwig-Maximilians University, Germany; V. Udhaya, Masters program, National University of Singapore, Singapore. All the students have totally published

5 review papers, 3 research papers and 1 book chapter in Internationally acclaimed journals/publishers. The dedication from students, motivation from the faculty, and constant support and encouragement from SRM management are the key elements for their success.



SRM rises to the occasion



The Founder Chancellor handing over Rs.1 Crore relief Cheque to the Chief Minister of Tamil Nadu.

SRM group on wheels to rescue people affected by Gaja Cyclone in delta regions

STAFF WRITER

Dr. T.R. Paarivendhar, Founder Chacello, SRM group handed a sum of 1 crore to our Honorable Chief Minister as CM relief fund. All teaching faculties and staff of SRM contributed one day salary for the betterment

of delta regions affected by Gaja cyclone.

Under the guidance of SRM's Chancellor, Dr. T.R. Paarivendhar, a 40 member student team of SRM went to Delta regions to rescue people affected by the calamity, Gaja cyclone. In the span of 5 days, the fallen trees covering

roads and homes of people were cleared in Manjavayal, Ganapathipuram, Thondaiman oorani, Rajapudhur, Adhirama pattinam and many other places in Pudhukottai district. They are now working for the wellness of schools affected by the mishap and planning to help for 10 more days in

bringing back delta regions to normal. To speed up the recovery process SRM group has invested 60 lakhs for providing the basic needs for every affected individual.

A 30 member team of medical professionals representing SRM were also working since last week in around 7 regions and

helped almost 3000 people satisfying their medical needs. In addition to this Puthiya Thalaimurai Foundation has set a base in Chennai where they collect relief materials to reach the needy. 30 lakhs worth of relief materials has been distributed so far and still continuing by them.

The importance of Machine Learning

STAFF WRITER

The aim of the workshop was to contribute to the cross fertilization between the research on Machine Learning methods and their application to Signal Processing. ML usually plays an important role in the transition from data storage to decision systems based on large databases of signals such as those obtained from sensor networks, internet services, or communication systems. These systems imply developing both computational solutions and novel models.

Machine learning is an application of artificial intelligence

(AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed. Machine learning focuses on the development of computer programs that can access data and use it learn for themselves. The process of learning begins with observations or data, such as examples, direct experience, or instruction, in order to look for patterns in data and make better decisions in the future based on the examples that we provide. The primary aim is to allow the computers learn automatically without human intervention or assistance and adjust actions accordingly.

In this context, this workshop focused on the main challenges, opportunities and possible research perspectives of machine learning for speech, image processing and its future. As a part of our workshop eminent speakers from renowned institutes like IIT, Anna University and hard core Industries like Mathworks, Cogknit Semantics, etc., have enlightened us on the recent trends in the theme of the workshop, and also in the widened scope. In addition, Hands-on practices on Kaldi tool in speech platform was covered by Cogknit experts. On the whole our workshop act as a very good knowledge



Guest of honour and other dignitaries on stage.

From (Left to Right) Dr.T.Rama Rao, HoD/ECE, Dr. Asutosh Kar, Guest of honour (Assistant Professor, Department of Electronics Communication Engineering, IIITDM, Kancheepuram), Er. R. Ramdoss, Chief guest, Honorary Secretary - IEI, Tamil Nadu State Centre, Dr. Sandeep Sancheti, Vice Chancellor, SRM IST, Kattankulathur, Dr. Suryakanth Gangashetty, Guest of honour, Speech Processing Laboratory, Language Technologies Research Center, IIIT, Gachibowli, Hyderabad and Dr.S.Dhanalakshmi, Workshop Convener, Associate Prof./ECE.

acquiring platform for our participants who were faculties, research scholars and students

from different colleges and our own University. Convener Dr. S.Dhanalakshmi, Associate Prof.



A special camp for school children

STAFF WRITER

NSS cell of SRM organized a special camp for school children recently at Govt. Primary School at Thiruthaveli village, Kanchipuram District.

Dr. Vaithiyanathan, Director, Sports, inaugurated tree plantation program along with Dr. T. Rajasekaran, NSS program coordinator, who also briefed about the special camp. Dr. Vaithiyanathan addressed the gathering, he emphasized the importance of nature and protecting

natural resources as one of the primary duty of every individual. Followed by distribution water drums to carry drinking water, writing pads with print of Clean India in Tamil and English, ceiling fans and different sport goods were donated to school children.

Some of the activities conducted by SRM NSS are Survey and awareness on disposal of solid wastes among villagers, Tree plantation in the school campus and village premises, Rally on the importance of cleanliness,

Wall paintings on phonetics and swachh bharat and awareness slogans, School and Temple cleaning, Awareness to students on personal hygiene, dental care and prevention of worm infestation and Conduction of Spoken English class for students. The special camp concluded with the vote of thanks by a Parent thanking the team of SRM NSS for their efforts in making the children understand the importance of saving nature and for shaping a better environmental future.

Smart City Challenge'18

STAFF WRITER

The most anticipated and much awaited competition of the IET Chennai Local Network – “IET CLN Smart City Challenge 2018 (Finals)” was conducted recently. The Smart City challenge had a multitude of rounds. The first round was an online submission of the ideas from which 20 teams were selected to the Second round which was conducted in KCG College of Technology. The top 10 teams were given an opportunity to compete in the Finals.

The competition commenced with a welcome note by Dr.S.S.Sridhar, Chairman, IET CLN welcoming all the 10 teams and judges to the final round of Smart City Challenge. The final round was conducted parallelly along with Industry Institution Summit which was a grand success as it provided a common platform for Industry members and Academicians to collaborate and work together.

The 10 teams were scrutinized on various parameters and after a hectic day the winners and runners-up were announced.

The competition was evaluated on the basis of Innovation, Technical and economic feasibility, Social impact, and Clarity in Presentation.

The First place which was worth a Cash Prize of Rs. 25, 000 was bagged by Divyavarshini V K, Nithyasri Govind, Amrita Vasudevan of III Year, ECE Dept who were mentored by Ms. G. Chamundeeswari, AP. The Third Place went to the Team of Shashidhar Ganesh, Akshith Varma, Subramanian R of II Year, CSE Dept ably guided by Ms. Karthikayani, AP and they received a cash award of Rs 10,000. Both the Teams would be given an one month Internship at Nokia Solutions and Networks Ltd.

The event concluded by congratulating the Winner, Runners-up and thanked IET CLN for their support and organizing a wonderful event. The coordinator and volunteers were thanked for their huge contribution for making this event move smoothly throughout the day and made it a grand success.



A group photo of the participants of the Workshop.

Structural Characterization of Materials and Interpretation

STAFF WRITER

The Department of Physics, SRM IST, Ramapuram conducted a Two days workshop on the structural characterization of materials and Interpretation at HiTech Hall-I, TRP Auditorium for the benefit of Post graduate, MPhil, Research Scholars and Faculty members working in the field of polycrystalline and single crystalline materials. This workshop is 4th in the Series of Materials Characterization Workshops conducted by the Department of Physics from 2015. For the workshop, 65 registrations were received from various institutes around Chennai and Tamil Nadu, and even from Kerala.

Dr. L. Sudha, The Convenor of the Workshop, welcomed the gathering in the Inaugural function. The workshop was Inaugurated by Dr. P. Aruna, The Professor&Head, Department of Medical Physics, Anna University, Chennai, with her Inaugural Address. The gathering was felicitated by the Vice Principal (Academic) with his suggestions



The Vice Principal (Academic) welcoming the Chief Guest of the Inaugural Function, Dr. P. Aruna, Professor and Head, Department of Medical Physics, Anna University, Chennai, with a Memento.

Binary and Ternary compounds” handled by Dr.V.Jayalakshmi, Assistant Professor, Department of Physics, SRM IST, Ramapuram.

The Day-2 was initiated with a session on the topic “Thermodynamical Mechanism in Melt Growth Technique, Computational Modeling& Simulation” by Dr.M.Srinivasan, Research Scientist, SSN Research Center, and Dr.A.Senthil, Assistant Professor, Department of Physics, SRM IST, Ramapuram. The final session of the workshop conducted by Dr. S. Ranjith, Assistant Professor, Department of Physics, SRM IST, Ramapuram on the topic “Structural Determination of Organic Molecules using SHELX Program”.

The sessions were handled as hands-on experience model way with the instructor and audience doing the step-by-step analysis of X-ray diffraction data for results and interpretation.

The Valedictory session of the workshop was felicitated by the Dean (E&T). In this session, participant feedback were received with exchange of ideas. The Dr. V. Anbarasu presented the outcome of workshop to the gathering. Finally, the vote of thanks was proposed by Dr. V. Jayalakshmi.





SRM college of Pharmacy celebrates its Silver jubilee

STAFF WRITER

SRM College of Pharmacy, SRM Institute of Science and Technology, Kattankulathur established in the year 1992-2017, celebrated its 25th year Silver Jubilee recently.

Dr. K.S.Lakshmi, Dean, SRM College of Pharmacy, welcomed the dignitaries on and off the dais. The milestones of the college since 1992 were presented to the gathering. Also a short film directed by the IV B. Pharm student of SRM College of Pharmacy on the World Pharmacist day theme 2018 "Pharmacist – Your Medicine Experts" was shown to the gathering and it was highly appreciated by the guests. In this occasion, Founder Chancellor Dr.T.R. Paarivendhar welcomed and felicitated the Chief Guest and Guest of Honour. In his Presidential address he recollected the memories regarding the development and growth of SRM College of Pharmacy. He also appreciated the college for the NIRF ranking secured by SRM College of Pharmacy.

The Chief Guest Dr.S.Mani Vannan, Deputy Drugs Controller (India) addressed the gathering

regarding the latest developments happening in the pharmaceutical field highlighting the percentage of drugs exported and manufactured for API and generic molecules in India. He also shared the importance of various investments and growth in the pharmaceutical sector.

Thiru.S.V.Veerramani, Founder and Chairman, Fourrts (India) Laboratories addressed the students and faculties regarding the importance of drugs manufacture in India and its usage among world population. He also addressed that every third drug consumed globally by the patients is manufactured in India. Also he recollected the memories of successful Indian Pharmaceutical Congress (IPC) which was conducted in the year 2012 jointly organized by SRM Institute of Science and Technology. Dr. Sandeep Sancheti, Vice Chancellor, SRMIST appreciated the work carried out by the faculty members of SRM College of Pharmacy. He also expressed his happiness for celebrating 25th year Silver Jubilee and also he praised the efforts provided by the faculty during the NAAC Inspection.

Prof. N. Sethuraman, Registrar,

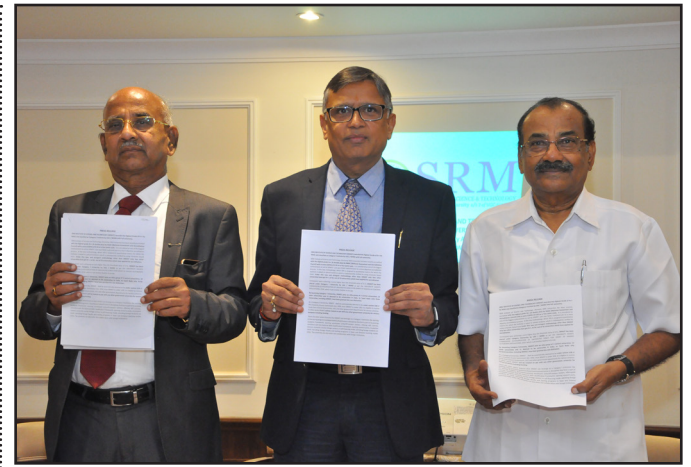
SRMIST motivated the students and staff members to carry their doctoral research to the next level such as patent and commercialization.

Dr. A. Sundaram, Dean, Medical, SRMIST shared his experience regarding clinical oriented service rendered by the Clinical Pharmacist in the hospital and to the public. He also praised the number of research publications made by the faculty of SRM College of Pharmacy.

Dr. K. Girish, Deputy Dean, Medical, SRMIST spoke about the importance of patient medication counseling carried out by the Pharmacists and also he highlighted the importance of Community Pharmacy Practice in India. He also praised the presentation given by SRM College of Pharmacy during the mock visit for NAAC inspection in 2018.

In this memorable event Founder chancellor released the Souvenir and the first copy was received by chief guest and Guest of honor. The students who secured 1st Rank in B.Pharm, M.Pharm and Pharm.D were awarded with memento and certificate. All the teaching and non teaching staff were given a memento as a token of appreciation on account of Silver Jubilee Celebration. Alumni members globally settled gave their wishes and feedback about SRM College of Pharmacy through video conferencing.

Dr.V.Chitra, Vice Principal, SRM College of Pharmacy concluded the event by thanking each and everyone who contributed for this Silver Jubilee celebration with her vote of thanks.



SRMIST awarded the Highest Grade of A++

STAFF WRITER

SRM Institute of Science and Technology, (formerly SRM University) has been recently accredited with the highest grade A++ (A double plus) by NAAC (National Assessment and Accreditation Council) with a score (CGPA) of 3.55 on a four point scale. It is considered as one of the biggest achievements as yet by SRMIST. Last year NAAC switched over to a more objective accreditation process. In the new methodology, about 70% is assigned to quantitative metrics for which the institute is asked to upload evidence which is subsequently verified by using computer based tools. Under this new and stringent methodology other than SRMIST only two other universities have got A++, so far, out of 33 universities which have applied for accreditation.

Consequent upon achieving a score higher than the threshold value of 3.51, SRMIST has been placed under Category I University by UGC / MHRD as per the University Grants Commission [Categorization of Universities (Only) For Grant of Graded Autonomy] Regulations, 2018 which is yet another feather in its cap.

By becoming Category I University, SRMIST joins an elite group of 2 central universities, 12 state universities and 11 deemed to be universities in India. In Tamil Nadu only three Universities, including SRMIST, have been granted this rare distinction.

As a Category I University, SRMIST shall be automatically deemed to be under section 12B of the University Grants Commission Act, 1956; once

“ By becoming Category I University, SRMIST joins an elite group of 2 central universities, 12 state universities and 11 deemed to be universities in India. ”

SRMIST is under 12B, it is eligible to receive funds from Central Government, UGC and other government departments for various schemes. In other words SRMIST will be treated on par with any other government university for various purposes including funding.

There are other salient features that SRMIST can leverage as a Category I institution like starting a new course/programme/department/school/centre in disciplines that form a part of its existing academic framework; opening constituent units/off-campus centers; offering skill courses, consistent with the National Skills Qualification Framework; opening research parks, incubation centres, university society linkage centers, in self-financing mode; admitting foreign students on merit; recruiting foreign faculty and starting programs in Open and Distance Learning modes (ODL). The university can also enter into collaboration with foreign institutions.

“ Alumni members globally settled gave their wishes and feedback about SRM College of Pharmacy through video conferencing. ”



Celebrating World Bioethics Day 2018 with Solidarity and Cooperation

STAFF WRITER

SRM Medical College, Hospital and Research Center organized Inauguration of the India Nodal Bioethics Centre of UNESCO Chair in Bioethics Haifa with World Bioethics Day 2018 celebrations at SRMIST, Kattankulathur campus recently. Bioethics is the study of controversial ethical issues emerging from new situations due to advances in Biology and Medicine. Ethical practices involve systemic approach in decision making which will in turn improve doctor-patient relationship and consequently human to human relationship.

India Nodal Bioethics Centre at SRM Institute of Science & Technology was established on the auspicious day to teach, train bioethics to students of all disciplines. The Chairman of the centre is Prof. Sandeep Sancheti, Vice Chancellor of SRMIST, Head of the Unit is Dr. A. Sundaram, Dean (Medical), SRMMSCH & RC and Secretary

is Dr. K. Gireesh, Deputy Dean & VP, SRM MSCH & RC. Prof. Russell Franco D' Souza, Head Asia - Pacific Division Director of Education International Program UNESCO Chair in Bioethics Haifa, Asia Pacific Directorate, Melbourne Australia presented the writs of the UNESCO Chair in Bioethics Haifa to the office bearers.

World Bioethics Day 2018 celebrations began after inauguration of the India Nodal Bioethics Centre of UNESCO Chair in Bioethics Haifa with the theme Solidarity and Cooperation. Dr. A. Sundaram felicitated the distinguished dignitaries on the dais, Prof. Russell Franco D' Souza, Dr. S. Geethalakshmi, Vice Chancellor, Tamilnadu Dr. MGR Medical University, Prof. Sandeep Sancheti, Prof. N. Sethuraman, Registrar, SRMIST. The presidential address was delivered by Prof. Sandeep Sancheti. "Professional technicality has improved in India from the past and still improving on a daily basis.

Engineering profession involve machines where as the profession of Doctors involves human body, so Bioethics to all doctors is mandatory" he emphasized. The guest of honour Dr. S. Geethalakshmi addressed the gathering. "Practicing medicine is not a ability of any individual but it's judgment and decision making. All doctors should serve humanity to the world" she quoted. Prof. Russell Franco D' Souza emphasized on the importance of ethics in medical field and how all doctors should use bioethics even while communicating to a patient, which was followed by graceful words of felicitation from Prof. N. Sethuraman thanking all the dignitaries for spending their valuable time with SRM amid their busy agenda.

Students displayed posters portraying the importance of Bioethics and best posters were awarded by the chief guests. The event concluded with the vote of thanks by Dr. K. Gireesh.

Importance of the private sector

STAFF WRITER

The Department of Commerce, Faculty of Science and Humanities, SRM Institute of Science and Technology, Kattankulathur organised 5th International Conference on Business research recently, where the department had received more than 170 research papers out of which 160 papers were selected for proceedings. The conference saw many research papers from India, U.S.A, U.K, Sri Lanka, Ethiopia, Australia, Singapore to name a few. There were 44 UG and PG students, 30 research scholars and 25 academicians presenting the paper. The day had an inauguration by the chief guests, where the publications were realised in E-proceedings and SRM Business Horizon Journal. Few of the papers were also published in UGC indexed/Scopus journal. The guests were Smt. R.S. Isabella, Executive Director/MD In-Charge, REPCO Bank, Mr. S. Kannan, Commisioner, Central Board of Excise and Customs, Dr. Ankit Katrodia, University of KwaZulu Natal-Durban, South Africa and Mr. K. Ravi,

Deputy General Manager, RBI, Chennai.

Smt. R.S. Isabella highlighted the importance of banking sector in India. She explained the growth of the Indian economy through the banking sector and how it's different from other countries. For instance, countries like the US and the UK have private sectors contributing to their economy.

Mr. S. Kannan spoke about the advantages of GST reforms and also about the importance of knowing the fundamental concepts.

Dr. Ankit Katrodia reiterated about the business cycle and how important it is to research on consumer behaviour before launching a product and how crucial an idea could be to earn money.

Mr. K. Ravi briefed on the effect of demonetisation and how RBI is working on reducing the cost of printing new notes. He also stated the importance of investment decisions.

After inauguration the conference went forward with the technical sessions.



south zone Inter University Chess Tournament for women 2018-19

STAFF WRITER

At the south zone Inter University Chess Tournament for women 2018-19. Organised by Vel Tech University recently. SRMIST beat Akkamaahadevi Women University in the First round SRMIST then beat Amrutha Vishwa

Vidya Peeth, University of Calicut, Anna University, University of Madras, Osmania University and Bharathidasan University in the Following. with University of Madras as the winner. SRMIST is the runnerup and Bharathiar University and Acharya Nagarjuna University stood third and Fourth.





Focussing on key areas of Management

STAFF WRITER

SRMIST has an unique way of exposing its students to the nuances of the corporate world. In a bid to do the same, the SRM School of Management had organized Campus 2 Corporate event engaging budding MBA graduates for the ninth consecutive year at SRMIST, Kattankulathur campus. The theme of the event is to wrap four key areas namely Finance, Marketing, Operations, Systems and Human Resources. The workshops involved knowledge exchange from distinguished individuals of today's corporate and industry leading names such as ZOHO, Renault-Nissan, and Daimler to name a few.

The Finance workshop was presided by Mr. Sundararajan, the General manager of Mando India Ltd. who shared his invaluable views on the Gross Domestic Product (GDP), Increase in profit ratio of the country and the Dollar-Rupee inflation. This was followed by the students being grouped to evaluate and present their respective case studies to the dignitaries present.

The Systems workshop was graced by the presence of Mr. Arvind Natarajan, Marketing and Business Development Executive of Zoho Corporation – one of the latest emergent and highest impact creating names in the field of database management systems. The workshop imparted invaluable knowledge in the field of data analytics and sales maintenance.

The Operations workshop involved the presence of higher level executive managers from Daimler, Renault-Nissan and

Rane brakes. Their priceless knowledge was shared with the students and this was a once in a lifetime opportunity where students faced real life problems at the operations management level. Each group was encouraged to use any method of presentation they wished and the students actively participated in the problem solving sessions.

The Marketing workshop was conducted by Mr. Srikanth, Head of Business Research and his team at Frost & Sullivan. This involved students to taking up a marketing problem and how it needs to be formulated as a research problem proposal.

The HR workshop was chaired by Ms. Pearlina Bharathkumar, Head – HR Learning of Hyundai. Students were guided in understanding real time HR issues and encouraged to come up with their solutions for them.

The valedictory function was celebrated on the successful completion of C2C. The dignitaries present in this event include Mr. Murali who gave his own inspiring life examples of how to climb the corporate ladder. Mr. Stanley George – human resource expert encouraged the upcoming future management fraternity to get their hands dirty on the work involved and Mr. Rajan Babu, who resonated with the vibe of the students while imparting priceless knowledge about current trends of management. Students were able to glimpse at their own futures in the personalities who had presided the workshops.

SRM Institute of Science & Technology Announces Admission 2019

STAFF WRITER

SRM Institute of Science & Technology has announced the opening of online application for B.Tech degree program in the faculty of Engineering and Technology for all of its group Universities. The admission process will be common for Kattankulathur, Ramapuram, Vadapalani and Delhi-NCR Ghaziabad campuses of SRM Institute of Science & Technology, SRM University Delhi-NCR Sonapat Haryana, SRM University AP, Amaravati.

Every year SRM gets an overwhelming response. Last year, B.Tech witnessed over 1,50,000 students applying with complete geographic, cultural, and socio-economic representation from all parts of India and from countries over the world.

One of the salient features of 2019 admission is that SRM group of Universities are introducing, Inter Disciplinary Experiential Active Learning (IDEAL) environment. With students

in India seeking more interdisciplinary programs and flexibility in course curriculum, SRM group of universities address this demand by completely leaving the option of program path to the students. A student who is doing a Major in a subject shall have an option of Major specialization enabling him/her deep learning or do Minors enabling him/her to learn courses within the same discipline or across the discipline. Students can chart their IDEAL path enriched further by industry internships and technology-enabled active learning through academic collaborations with some of the top ranked universities in USA, Singapore and other parts of the world.

All admissions to B.Tech is through SRM Joint Entrance Examination Engineering. SRMJEEE would be a Computer Based Test conducted across India in 125 centres and few centres in Middle East countries. Both Resident Indians and Non-Resident Indians can apply for SRMJEEE 2019. NRI candidates

who qualify in SRMJEEE 2019 and compete with the domestic candidates through the regular counselling process will get a 35% scholarship on the tuition fee applicable for international students, for all four years. They also have an option to directly apply under International admission category by paying the international tuition fee and get admission in any program / campus without taking SRMJEEE.

The online application opened on Sunday, 28th October 2018 at <https://applications.srmuniv.ac.in>

SRM Institute of Science & Technology offers several scholarships, fee waiver schemes, teaching and research assistance to meritorious and deserving students, including the Founders' Scholarship - a 100% waiver of tuition and hostel fees for toppers in SRMJEEE, JEE, CBSE/State Board final and for outstanding sports performance. Large number of students have tremendously benefited from such schemes.

Managing Health Care

STAFF WRITER

The second Management Development Program (MDP) was organized on "Emerging Paradigm in Health Care Management" by Faculty of Management, SRMIST, Kattankulathur. It was attended by 45 healthcare executives including five Chief Operating Officers attached to leading hospitals from Tamil Nadu, Karnataka, Kerala and Andhra Pradesh. Two eminent Experts from Health Care Industry and two faculty members from the Faculty of Management facilitated the program.

Dr. R. Chandrasekar, Dean, Institute of Management, Kalaslingam University and Former Director of Customer Service Management program, Manipal University delivered his lecture on "Customer Experience Management in Health Care". Prof. Ashok Thiakarajan, HCG Oncology, Chennai handled the session on "Adoption of Strategic Management".



Dr. V.M. Ponniah, Dean, Faculty of Management delivered his lecture on "Managing Finance in Healthcare-Pragmatic Approach". Dr. R. Krishnaraj, Associate Professor and Convener of the program handled the session on "Theories and Practices-Alignment to Healthcare".

The current scenario of health care industry, challenges in winning over the customer satisfaction, innovative strategies for hospitals, management of finance for hospitals, theories

and ideas from other domain applicable for health care industry were covered in the elaborate session by the experts.

All the healthcare managers effectively participated in the program by sharing their experiences and gained ideas regarding the nuances emerging in healthcare industry. Mr. Sankaramoorthy, Assistant Professor delivered the thanking address and Ms. Celina coordinated the registration process for the MDP.

“Create A New Culture and Mindset In Engineering Education”, Saraswat Tells SRMIST Graduates

STAFF WRITER

If India is to make economic impact through Science and Technology and improve its position in Global Innovation Index, there is the need to alter the Science and Technology Innovation eco-system said Padma Bhushan Dr. V.K. Saraswat, Honorable member of NITI Aayog at SRM Institute of Science and Technology's 14th Convocation.

“This would require global leadership in science, engineering, technology, manufacturing and innovation. Excellence is needed in basic research... excellence is required in applied research including pre-competitive applied research, particularly in critical technologies” he added

Nearly four thousand students received their Under Graduate, Post Graduate and Doctoral Degrees from the Faculty of Engineering and Technology in person and about an equal number in absentia. More than 50 students received gold medals for their academic achievements; and 53 students were awarded the Ph.D degree.

“We have to create a culture and mindset of Design-Simulate-Build-Test- Evaluate and Validate in engineering education.

“Engineers have to go from drawing boards to test and evaluation and iterate the process till an efficient and optimum solution is evolved and ready to go to market -Dr. Saraswat

Present approach to give up after the design is seen on the computer screen using imported design and simulation tools is not good for innovation. Engineers have to go from drawing boards to test and evaluation and iterate the process till an efficient and optimum solution is evolved and ready to go to market”, Dr. Saraswat said going on to make the point that design is a continuous process

of innovation that develops gradually, not abruptly. One of the high points of the Convocation was the conferment of the Honorary Degree of Science (D.Sc., Honoris Causa) on Prof. Dr. Mohan Rajan, Chairman and Medical Director, Rajan Eye Care Hospital, Chennai.

In his acceptance speech Dr. Mohan Rajan spoke of the difference between

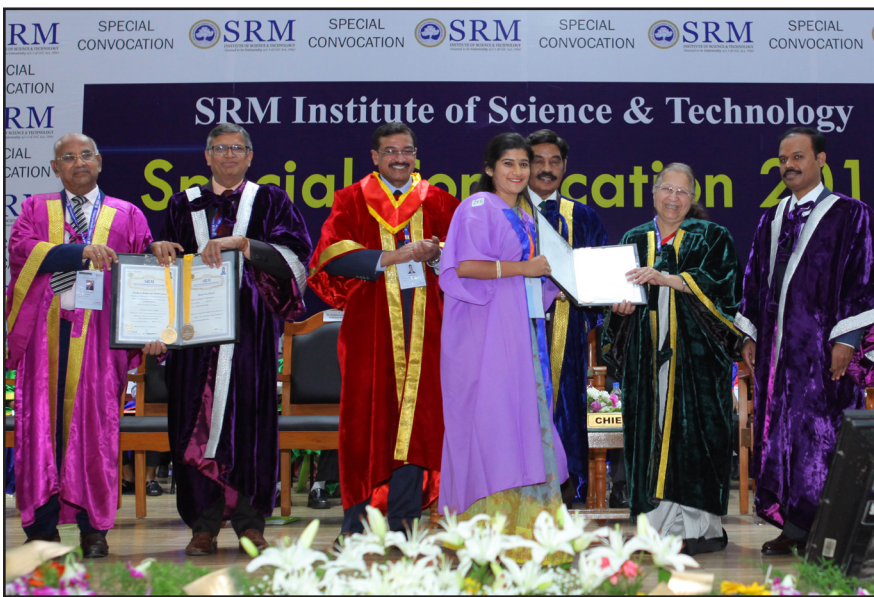
sight and vision. “It is because of vision that you see the achievements of SRM Group which has consistently been at the top for the last three decades. That is why we call the Founder Chancellor and the top Management as visionaries”, he said.

Talking of his Blindfree India Project that stresses on the need to combine technology and technique with a focus on the rural areas, Dr. Mohan Rajan called on the graduates to be also socially conscious. “Go home, have a wonderful life, but be a socially conscious person”, he said.

In his welcome address, the Founder Chancellor, Dr. Paarivendhar, spoke of the numerous achievements of SRMIST in the recent past that would include the A++ rating by NAAC and hence in the First Category of Institutions. “We are the largest multi-disciplinary institution with more than 50,000 students and a Group that is also socially responsible”, the Founder Chancellor said pointing out the waiver of fees to students to the tune of Rs 48 crores coming from the four Delta Districts affected by the recent cyclone Gaja.

Dr. Sandeep sancheti, Vice Chancellor of SRMIST presented the Annual Report.





Build Special capacities in education system to nurture students ... Smt. Sumitra Mahajan at SRMIST's Special Convocation 2018

STAFF WRITER

Stressing that learning is a never ending process and that graduation is only the beginning of a very challenging journey, the Hon'ble Speaker of Lok Sabha, Smt. Sumitra Mahajan reminded graduates at SRM Institute of Science and Technology. "You live in an era where the Fourth Industrial Revolution and advances in Robotics and Artificial Intelligence are changing our society and workplace. Technology is controlling every aspect of our life, but we must remember that technology is a useful servant but a dangerous master", Smt Mahajan added.

"We need to build special capacities in our education system to nurture the students. These capacities will enable the students to meet the challenges of our national mission of transforming the nation into a developed country and 'Vishwa Guru'. The capacities which are required to be built are spirit of research and enquiry, creativity and innovation, use of high technology, entrepreneurial skills and moral values. I am confident that the students who have earned their degrees

“Technology is controlling every aspect of our life, but we must remember that technology is a useful servant but a dangerous master -Smt Mahajan”

today will take part in nation building of this great country in a meaningful way", Smt Mahajan maintained.

The Special Convocation at SRMIST saw diploma, under graduate, post graduate and doctoral students from Engineering and Technology, Science and Humanities, Medical and Health Sciences

and Management being awarded their degrees. In all above 6000 students received their degrees, 3850 in person and the rest in absentia. Nearly 140 students received medals for their academic achievements and 41 graduates were awarded the Ph.D degree. The honorary degree of Doctor of Science (D.Sc) was conferred on Padma Shri Dr. Mohan Kameswaran, Indian

Otorhinolaryngologist and Founder, Madras ENT Research Foundation (P) Ltd. In his acceptance speech of the D.Sc degree, Dr. Mohan Kameswaran asked students to cherish the moment but also understand the purpose of life. Maintaining that his dream was for deafness alleviation especially in young children, Dr. Kameswaran recalled an instance some 20 years ago when a young boy of 16 years suddenly lost his hearing ability after a viral fever. Referred to him after the boy tried to commit suicide, Dr. Kameswaran tried what was at that time a rare and expensive surgery called Cochlear Implant that in fact restored hearing for the young lad who then went on to become a software engineer.

In his welcome address, Dr. Paarivendhar, the Founder Chancellor of SRM Group of Institutions spoke of the need to upgrade skill and knowledge to face the challenges of today's world. In presenting the Annual Report, the Vice Chancellor, Dr. Sandeep Sancheti spoke of the achievements of faculty and students and in the recent Category One placement of SRMIST among higher educational institutions.

The Era of Cure

DR.N.SANTHOSH KUMAR

The International conference on HR: The era of Cure (Cross-skilling, Up-skilling, Re-skilling and Empowering) was hosted by SRM School of Management recently.

The Program started with invocation dance and lighting of Kuthuvizhku. The welcome address was given by Dr.V.M.Ponniah, Dean Faculty of Management, who invited the Chief guest and all delegates, faculty members and students to participate with enthusiasm in the conference and go with important take aways. Conference theme was expounded by Dr.N.Santhosh Kumar in which he talked about the relevance of the topic to the current industry trend. Presidential address was given by the Honourable Vice Chancellor Dr.Sandeep Sanchetti, SRMIST in which the importance of getting skilled in today's world was reiterated along with the importance of HR in day to day life, and inaugural address was given by Ms.Pearlena Rebecca Bharath Kumar, Head – HR, Hyundai Motors.Ms. Pearlina spoke about how she went about developing her career in the field of HR giving real life examples and astounding the gathering. Ms.Arosha Professor from University of Colombo was the key note speaker. She spoke about the importance of research in Cross skilling, Up skilling, Re skilling and Empowering.



The two day conference had three panel discussions with Topics; “UpSkilling strengthens the human link”, “Re-Skilling in the age of automation” and “Cross Skilling a way to talent development” in which 15 top level HR personalities and 4 academicians deliberated their ideas and shared their views.

There were two workshops conducted one on HR Analytics and another was on emotional intelligence. The Valedictory

function started with invocation dance and Dr.Jahira Parveen welcomed the gathering, conference review was given by Dr.S.Sujatha, Valedictory address was given by Ms.Rani Leslie, Sr.Manager HR – Hubbell India, in which she briefed about the technical sessions that happened over the two days insisting that Attitude matters in the corporate world and importance of corporate and academia linkage to improve upon the deliverables to the future society. She also promised that she will arrange for faculty members to visit and get to know the latest trend in her corporation. Felicitating Address was given by our beloved Founder Chancellor Dr.Paarivendhar, SRMIST, who congratulated the School of Management for organising the International Conference and encouraged the department to conduct conferences every year. Dr.M.Chitra gave the vote of thanks and the Two day International conference came to an end. The highlight of the conference was that it received 141 papers and out of this 12 were international papers and two delegates from abroad attended the conference and presented their papers.

Way to the Origin of Universe

DIVYANSH MANSUKHANI

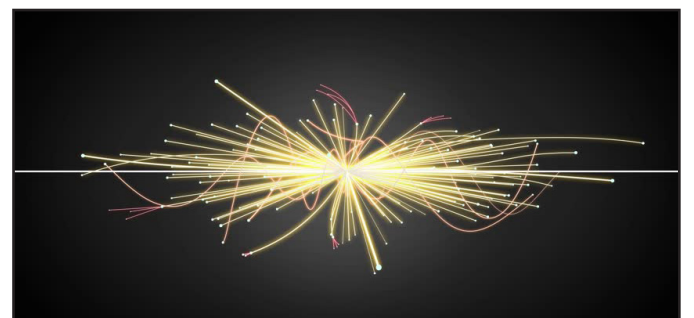
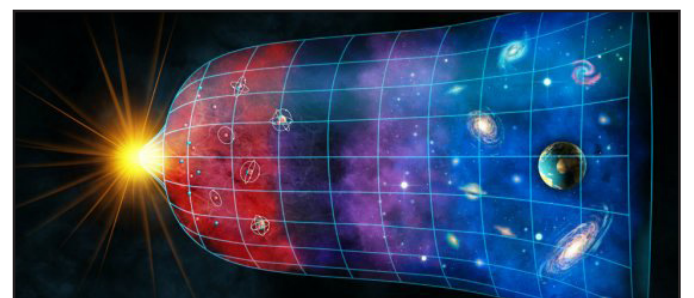
Human race has always looked out for science that merely provides the content of exploration and not anything in application. Through this article, I shall touch upon one such enigma – the Origin of the Universe. “Big Bang Model”, developed by George Gamow and colleagues in 1940s, seems to me the first significant proposition to explain the same. With the basis that this model couldn't explain what banged, why it banged, and what happened before it banged, the “Theory of Inflation” emerged from the efforts of Alan Guth in late 1970s. Irrespective of how well we have captured the evolution of the universe, the question of the origin still remains virgin, the explanations involving loopholes and paradoxes. Modern physics research approaches the solution by attempting to quite literally look upon the origin.

One among the two approaches to do so is to look as far as possible, back into the time. Light from the source takes time to reach to us. We infer the source not when it emits the beam but when we observe it. This introduced time lag directly accounts for the distance between the source and observer. Using this conceptuality, we estimate the age of the universe to be roughly around 13.7 billion years. In other words, the cosmological image at 13.7 billion light-years from us is composed of nothing

but the afterglow of the origin. This astrophysical approach lacks the necessary telescopic resolution to differentiate the bang and the other luminous sources.

The other approach is to mimic the bang itself. We do that by colliding high energy particles (as high as 7 TeV) in the facilities such as Large Hadron Collider (LHC) and Tevatron which in turn result into fundamental particles of the “standard model”, which we suppose to exist in “the Early Universe”. The other way to justify this approach is to realize that the early universe bearing the same mass as now, however in an extremely small volume, would have stood in quite a high energy state, perhaps the state which we intend for our particles to obtain. We take the advantage of the Einstein's relativity and accelerate the particles to velocities as high as that of light to increase their energy. It is quite astounding that, through this approach and with the current technology, we are able to precisely track back to even before than a billion-trillionth of a second after the bang.

If the high energy approach seems to be appealing in terms of accomplishing the objective, why on the first place do we invest in the astrophysical approach? The answer to this perhaps splits the natural philosophers into the two communities. The former provides a sequence which we can see to have happened in the past. However, the latter is constructed on human conducted experiments in laboratories. Nonetheless, both add unique contributions to physics. Hereby, I conclude with an open debate for the reader to develop a bias towards one.



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 sridhar.k@ktr.srmuniv.ac.in
- Coverage of a certain event or receipt of an article does not guarantee publication. -Editor



SRM emerges overall winners at Chennai International Youth Festival 2018

DR.N.SANTHOSH KUMAR

Chennai International Youth Festival (CIYF), the world's biggest youth conclave was jointly organised by Youth Development Consortium (YDC) and the Government of India with the support of Ministry of Skill Development and Entrepreneurship, Ministry of Youth Affairs and Sports,

Ministry of Urban Development and Ministry of Tourism at the central and state level.

The second edition of Chennai International Youth Festival (CIYF) took place recently at various venues across the State and concluded with a prize distribution ceremony on Sunday at Jawaharlal Nehru stadium, Chennai. The ceremony was graced by Mr. C Vijaya Baskar,

Minister for Health and Family Welfare, Mr. KP Anbazhagan, Minister for Higher Education and Mr. P Balakrishna Reddy, Minister for Youth Welfare and Sports Development.

With over 250 events, it was a 16-day extravaganza that showcased a wide variety of talent in competitive and non-competitive cultural events, sports, martial arts, exhibitions,

seminars and conferences. More than 5 lakh youth were engaged in this event and produced 2000 medalists at various events. SRM Institute of Science and Technology was declared the overall winners of the second edition with the most number of medals.

Dr. T.R. Paarivendhar, Founder Chancellor of SRMIST congratulated the students of

SRM who won most number of medals in this festival. Dr. P. Sathyanarayanan, Hon'ble President, Dr. Sandeep Sancheti Vice Chancellor, Dr. R. Balasubramanian Pro VC of SRMIST, Directors, Deans and other staff members also appreciated the medalists for their efforts in adding another feather to the cap of SRM.

A Platform to exhibit innovative ideas

STAFF WRITER

The universal monetary system has turn more scientific now. It is essential that we utilize science and engineering talents from all sectors of our population, irrespective of gender, race, or creed. In many countries, prejudiced practices have limited the contribution of many groups in the universal science and engineering stream. Science experiments and science fair project create learning pleasurable. It enables the students to produce innovative original ideas of dissimilar working models based on the concepts of Science, Engineering & Technology.

To achieve this, Forum of Sciences (The Science Association) of Department of Physics, SRM IST, Ramapuram serves as a platform to exhibit the students creativity, uniqueness and their innovative ideas. The Forum organized a Mini Project Contest and Science, Engineering and Technology Exhibition in association

with Tamilnadu Science and Technology Centre(TNSTC), Chennai for freshers recently. The I year B.Tech students of SRM IST, Ramapuram Campus created Innovative Ideas of different working models based on the concepts of Science, Engineering & Technology. The forum welcomed projects from multidisciplinary team (that is, students from one branch can join with other branch students).

Prof. Dr. T. S. Sampath Kumar, Head, Medical Materials Laboratory, IIT Madras, Chennai, Department of Metallurgical and Materials Engineering and Dr. Somnath Chanda Roy, Associate Professor, Department of Physics, IIT Madras, Chennai were invited as judges for giving the students a boost for their hard work and dedication. Dr.L.Sudha, Professor and Head, Department of Physics, welcomed the judges and students. Dr. V. Subbiah Bharathi, Dean (E&T) and Dr. K. N. Srinivas, Vice Principal (Academic), SRM IST, Ramapuram felicitated

the gathering.

275 budding engineers and their 80 innovative ideas (working models) were displayed in the mini projects contest. These new, original and innovative ideas were analyzed and well appreciated by the judges.

In association with Tamil Nadu Science and Technology Centre (TNSTC), Chennai, a mini planetarium and table top scientific exhibits were arranged along with this mini projects contest. About 400 Students from nearby schools visited our campus to see the mini projects and mini planetarium and they were highly impressed on seeing the projects. They acquired knowledge about the solar system and evolution of life on seeing the mini planetarium shows. Coordinator of the projects contest Dr.M.Saravanan, Assistant Professors, Department of Physics proposed the vote of thanks and the function came to a close with the National Anthem.



Judges Scrutinizing the working model.



Judges Scrutinizing the working model.



School students witnessing the projects contest

Healthy and balanced nutrition

STAFF WRITER

‘Eat Right India’ movement has been launched by Food Safety and Standards Authority of India (FSSAI) under the Ministry of Health and Family Welfare. ‘Swasth Bharat Yatra’, a pan-India Cyclothon, is a key element of the Eat Right India movement.

Inspired by the Hon’ble Prime Minister Narendra Modi’s vision of leveraging 150th Birth Anniversary of Mahatma Gandhi, various activities under the ‘Eat Right India’ movement have been organised.

The ‘Swasth Bharat Yatra’ was flagged off on 16th October, 2018 (World Food Day) on six tracks from six different locations to cover almost all States/UTs, culminating at New Delhi on 27th January, 2019. It will comprise of a team of 150 ‘Volunteer-Cyclists’ and the convoy would include an ‘Eat Right Mobile Unit’ and a Mobile Food Testing Unit. The Convoy would make ‘stop-

overs’ in cities and towns and have transit ‘halts’ and activities in over 2000 locations spread over 100 days. SRM Institute of Hotel Management, being the main sponsor of the event hosted the entire day event @ T.P.Ganesan Auditorium with the event beginning with welcoming the participants of the walkathon from Guduvanchery that ended up at SRM Institute of science and technology. The participants of the walkathon were holding placards insisting the importance of eating safe, healthy and fortified food. The events commenced after all were served breakfast.

Students of SRM Institute of Hotel Management, Loyola College Chennai, CSI Ewart College along with the directors of FSSAI, ICDS workers, children from different schools and nursing colleges, members from Self Help Group and other public bodies attended this convention. Ms. Maragatham Kumaravel, Kancheepuram Collector Shri Ponniah, I.A.S., were the



chief guests along with Dr. N. Sethuraman, Registrar of SRM Institute of Science and Technology and Dr. D. Antony Ashok Kumar, Director – Hotel Management, SRM IST.

Prof. Sona Aruna, addressed the gathering with her nutritional presentation on healthy nutrition, balanced nutrition. Following her was the demonstration given by Chef Simone Fraternali, the Executive Sous Chef of Sofitel Restaurant, Singapore. A debate

under the headship of cine actor Mr. Delhi Ganesh on the title “The cultue of food based on the Science – is an Improvement or a Deprovement?” stole the show with humour and food for thought as well. A talk on healthy living was delivered by Dr. Shivaraman, BSMS who elaborated on the importance of being healthy and ways to keep healthy.

Post Lunch was the cooking demonstration by the famous

celebrity chef Chef. Damodharan. The traditional fruit mixing ceremony for the festive season was gallantly done by all the chief guests and the dignitaries. Towards the end of the event many people were awarded by the elite dignitaries for their fabulous work rendered for the FSSAI. The Registrar of SRM IST and the Director of SRM Institute of Hotel Management felicitated and honoured the dignitaries.

Getting acquainted with “Fuzzy” sets

STAFF WRITER

A two day short term training programme (STTP-2018) was inaugurated recently. The day started with the Invocation song and Head of the department Dr. A. Govindarajan welcomed the gathering by outlining the need for faculty and students to get acquainted with Fuzzy sets. He briefly explained the applications of Fuzzy sets and its importance. The presidential address was given by Professor. R. Venkataramani, Director (CL) and President, Alumni Affairs. Dr. V. Srinivasan introduced the chief guest Mr. Madhan Shanmugasundaram (Alumnus, SRMEC-1993 Batch), Director, Infosys Technologies, Chennai. In his inaugural address, the chief guest was proud of being an alumnus of the then SRM Engineering College and briefly routed the way he moved into Big data Analytics starting his career as a civil engineer. He also described Mathematics as a powerful tool for many applications in Information Technology and how statistical data has been organized and easily accessible nowadays

by means of mathematical techniques. The Souvenir was released by the Chief Guest. The vote of thanks was given by a coordinator Dr. R. Perumal.

There were eight eminent speakers drawn from esteemed institutions like IITs, NITs, St. Joseph’s College, Thapar Institute of Engineering and Technology and VIT Chennai who enthralled the audience with their presentations ranging from basics to current research in the field of Fuzzy set theory. The first session was on “Implementation of Fuzzy Optimization Neural Network Routing model for Emergency Medical service system” by Dr. C. Vijayalakshmi, Associate Professor, VIT Chennai who brought into picture how the effectiveness of Emergency

Medical Service System (EMSS) plays a vital role in society protection. The next session was by Dr. Samarjit Kar, Professor & Head, Department of Mathematics, NIT Durgapur on “Type 2 Fuzzy Sets and Applications”. He conveyed to the audience the difference between Type 1 and Type 2 fuzzy sets and the necessity of Type 2 fuzzy sets used to solve complicated problems than Type 1 fuzzy sets. The next session was taken up by Dr. Harish Garg, Assistant Professor, Thapar Institute of Engineering & Technology who elaborated his lecture on “Extensions of the Fuzzy Set: Methods & Applications”. The lecture was about the extensions of fuzzy sets which are developed by the

researchers and identifying the best effective alternative during execution of problems. The methods were well explained with real time examples. The day concluded with the session on “Training on MATLAB” by Dr. S. Athithan, Assistant Professor SRMIST who introduced some ideas of Fuzzy Logic Toolbox in MATLAB 8.6 R2015b and how it can be used to solve problems. The second day started with the talk by Dr. Shiv Prasad Yadav, Professor, IIT Roorkee on “Fuzzy Sets and Fuzzy Relations”. The talk was on basic definitions of fuzzy sets, operations on fuzzy sets, fuzzy numbers etc., with clear examples to support the content explained. The session was carried over by Dr. Debdas Ghosh from IIT(BHU) on “A Fuzzy Geometrical Viewpoint to Solve Fuzzy Multi objective Optimization Problems”. The discussion was about the point of capturing the complete fuzzy non-dominated set of fuzzy multi-criteria optimization problem in a geometric view. The methodology was demonstrated with suitable numerical examples and pictorial illustrations. The next talk was on “Fuzzy Numbers, Fuzzy Metric Spaces and Their Applications” by Dr. P. Veeramani, professor,

IIT, Madras who efficiently drew the relation between Fuzzy numbers and Fuzzy Metric Spaces followed by applications of the same. The last talk was given by Dr. T. Rajaretnam, Associate Professor St. Joseph’s College, Thiruchirapalli. The key features of pattern recognition, the concepts, the process were interpreted with examples. The program witnessed 64 participants from various colleges and Universities located in Tamil Nadu, Kerala, Andhra Pradesh, Chattisgarh, Uttar Pradesh, and Maharashtra. The two day program came to a close with the valedictory function. The chief guest for the valedictory function Mr. S Christy rayan (alumnus SRMEC-1991 batch) Assistant Vice President, HDFC Bank, Chennai was introduced to the gathering by Dr. Sundarammal Kesavan. He brought to light the use and need for Fuzzy logic in the current scenario. Prof. K.S. Ganapathy Subramanian summarized the events of the two day programme in his detailed report. The vote of thanks was given by another coordinator Dr. J. Uma. This was followed by the distribution of certificates to the participants and a group photo session to add to our memories.



Release of Souvenir by the Chief Guest - STTP 2018

A Rising Profile of Women in India

STAFF WRITER

We the women of the present generation are witnessing the changes in the society especially those relating to the cause of women during the last couple of years. It is a fact that during this period, the position of women in India has changed in various aspects. The constitution of India has provided equal rights and equal opportunities for women also. However, gender discrimination against girls and women, high infant mortality rate and maternal mortality rates and cross violence of women, adolescence and child's rights continue to be the challenges of the 21st century. Legally, women are recognized as equal to men, but the condition of women is still in the clutches of traditional roles assigned to them, since most of these women are illiterate. After India became independent, various laws were enacted to provide equal rights and opportunities for women. With this in view, women came out and took leadership in the field of education, health, social work, politics, administration and so on.

Mrs. Indira Gandhi rose to a stature of highest honour when appointed as Prime Minister of India. Vijay Lakshmi Pandit, Sarojni Naidu, Padmaja Naidu, Sucheta Kripalani and Bonny Khongmen are the name of few Indian ladies who had joined higher political post and served the country very efficiently. Now a days we have Smt. Sumitra Mahajan, as the speaker of the Lok Sabha, Sushma Swaraj, Brinda Karat, Sheila Dixit, Nirmala Seetharaman and Mrs. Sonia Gandhi to name a few women who have made the position and place in politics because of their confidence and, education. They have shown the path to upcoming women leaders. Women are essential and integral part of the development process including planning, decision making and implementation.

Motivating young women to become torch bearers is essential for society now. A "Workshop on Women Empowerment" was organized by SRM Institute of Science and Technology, Ramapuram in association with Indian Science Congress Association - Chennai Chapter, recently at TRP Auditorium, SRM Institute of Science and

"The importance of women as valuable Human Resource as recognised by the Constitution of India, also empowered the state to adopt measures to prevent discrimination of women."

Technology, Ramapuram Campus.

Dr. V. Ramadevi, Head of the institute of Research and Rehabilitation of Hand and Dept. of Plastic Surgery, Government Stanley Medical College, Chennai was the Chief Guest and Mrs. Adhilakshmi, Senior advocate and Legal consultant, High court, Chennai was the Guest of Honor for the workshop. Dr. K. N. Srinivas, Vice Principal (Academic), SRM IST gave the presidential address.

The motivational talk on "Health awareness on organ and tissue transplantation-Tamilnadu state's first double hand transplantation" was delivered by the Chief Guest Dr. V. Ramadevi, Head of the Institute of Research and Rehabilitation of Hand and Dept. of Plastic Surgery, Government Stanley Medical College, Chennai. A well-known Medical officer she spoke about various issues of women with special emphasis on Health related issues, health care and organ transplantation. She threw light on Health programs launched and implemented by the Central and State governments for the welfare of women. The importance of women as valuable Human Resource as recognised by the Constitution of India, also empowered the state to adopt measures to prevent discrimination of women. She also shared her thoughts on how to attain social, physical, logical and economic empowerment of women. She outlined the importance of donating organs, which will give a life to a person who is in need of that organ.

Mrs. Adhilakshmi, Guest of Honour, enlightened the audience on legal security to women to secure their economic, social and cultural lives, with special emphasis on various law and status meant for them. She said that Women are considered to be the weak part of the society but actually are the strongest one. The Struggle of a woman's life is much more than a man.

The Chief Guest and Guest of Honour witnessed various

exhibits like poster and pot decoration of the young women participants and they spent their most valuable time with participants.

At the closure of the post-morning session, Dr. Helen P Kavitha, HoD/Chemistry gave the vote of thanks. In her extended vote of thanks, she appreciated ISCA - Chennai Chapter for the timely financial support, expressed gratitude to the events' organizer, ambient audience who have volunteered in all spheres. The competitions such as Pot Decoration, Best out of waste, Mehndi, Vegetable Carving and Poster presentation were conducted for the girls. 200 students actively participated in the events. The presentations of young women participants were carefully scrutinized and the best presentations/models were consolidated by a peer review team.

In the valedictory function, Dr. L. Sudha, HoD/Physics and the convener of the workshop, Dr. T. Ch. Madhavi, HoD/Civil, Dr. S. Umarani, A.P/MCA, Dr. Helen P Kavitha, HoD/Chemistry congratulated the winners of competitions and awarded trophies and distributed certificates to the participants. Mrs. R. M. Rani AP (SL)/IT thanked everyone during the valedictory function.



Prof. Dr. L. Sudha, Convener of the Workshop and Head of the Department of Physics, Ramapuram Campus gave the Welcome address and briefed about the workshop followed by lighting of Kuthuvilakku by the dignitaries.



Left to Right : Mrs. R. M. Rani, AP(S.G)/IT, Dr. Helen P Kavitha, HoD/Chemistry, Dr. K. N. Srinivas Vice, Principal (Academic), Dr. V. Ramadevi, Head of the institute of Research and Rehabilitation of Hand and Dept. of Plastic Surgery, Government Stanley Medical College, Chennai, Mrs. Adhilakshmi, Senior advocate and legal consultant, High court, Chennai, Dr. L. Sudha, HoD/Physics, Convener of the Workshop.

SRM Shines in Sporting Events



South Zone Inter University Volleyball Men Championship 2018-19

STAFF WRITER

South zone Inter University Volleyball Men championship 2018-19 was organised by SRMIST Chennai, recently. SRMIST beat MG University, Kottayam, Anna University, TN and Bharathiyar University in the First Fourth and sixth matches, respectively. Bharathiyar University beat Anna University and MG University, Kottayam in the second and third matches respectively along with Anna university beating MG University in the Fifth match. in the league matches. The Final standing had SRMIST as the winner, Bharathiyar University as the runner up and Anna University and MG University at third and Fourth places, respectively.



Reliance Foundation Youth Sports State level Inter Collegiate Football Men Tournament Organized by Reliance

STAFF WRITER

The Statelevel Inter Collegiate Football Tournament Presented and organised by Reliance Foundation Youth Sports was conducted by Reliance, recently. SRMIST beat Hindustan IST Chennai in the Quarter Finals. A the Semi Finals, SRMIST won at a walkover aganist Pachiappa College. Chennai. The Reliance Trophy and a cash prize of 25,000 won by SRMIST, beating JPR Engg. College, Chennai, qualified for south Region Inter Collegiate Football Men Tournament.



South Zone Inter University Men Badminton Team Championships

STAFF WRITER

The south zone Inter University Men Badminton Team Championships was organised by SRMIST, recently. The semi Finals had Bharathiyar University beat University of calicut and SRMIST,

Chennai beat Andhra University, AP. Andhra University beat University of Calicut in the hardline semi Finals. SRMIST won the finals with Bharathiyar University, being the runner up and Andhra University at third place and University of Calicut at Fourth Place.



All Inter University Basketball Men Tournament - 2018 SRM IST Beats Jain university

STAFF WRITER

The All inter University Basketball men was conducted recently by SRMIST, Chennai. In the First match, Jamil Millia Islamia beat University of Mumbai followed by the second match where SRMIST beat University of Delhi. In the third match MDU was beat by Jain

University and in the final match of Quarter Finals, University of Madras beat Punjab University. The semi finals were qualified by SRMIST, Chennai and Jain University, beating University of Madras and Jamia Millia Islamia, respectively. SRMIST won the Final match against Jain University and Jamia Millia University stood 3rd.



India Inter University Men Badminton Team Championship

STAFF WRITER

All India Inter University Men Badminton Team Championship was

organised by SRMIST recently. Punjab University, Chandigarh beat Maharshi Dayanand University, Rothak in the semi finals. Maharshi Dayanand



University, Rothak beat Bharathiyar University, Rothak beat Bharathiyar University (TN) in the Hard line semi finals, ending up in third place

with the latter in fourth place. The Punjab University, Chandigarh was the winner beating SRMIST, placing it as the runner up.