



SRM
UNIVERSITY
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Freshers'15



Winning at CanSat Pg.2



Staying at the Top Pg.5



...Quality of Education Pg.6

Winning at CanSat Competition, Texas, USA.

Staff Reporter

Team SRM Vaimaanix participated in CanSat competition this year. And they secured 5th place in the world and 1st in Asia.

This year mission:

The 2015 mission simulates a Science Vehicle traveling through a planetary atmosphere sampling the atmospheric composition during descent.

The overall CanSat system is composed of two primary components, a Science Vehicle and a re-entry Container that protects the vehicle during ascent, “near-apogee” deployment from the rocket and initial re-entry/descent.

When initially deployed from the rocket, the re-entry Container shall descend via parachute with the Science Vehicle secured within the Container. At any desired point after the initial deployment from the rocket the Container and Science Vehicle shall separate and the Science Vehicle will begin normal operations. Note: The intent of the Container is to protect the Science Vehicle from the violent deployment from the rocket and



provide a more stable release environment.

When the Science Vehicle is released from the Container, it shall use passive helicopter/auto-gyro recovery method reduce its descent rate to less than 10 meters/second. The Science Vehicle must stabilize and descend properly at a minimum altitude of 300 meters. During descent, the Science Vehicle shall record video in the nadir (Earth pointing) direction until it lands. The video camera must

be stabilized in real time during descent so that the video image of the ground is not spinning. The video can be recorded on-board for downloading after recovery. The video cannot be post processed to remove the spin of the ground image. The Science Vehicle shall collect telemetry data during descent which includes; altitude based on barometric air pressure, outside air temperature, inside temperature, flight software state, stabilization parameters,

battery voltage, and bonus telemetry. The data shall be transmitted at a 1 Hz rate to a ground station.

When the Science Vehicle lands, transmission shall automatically stop and an audio beacon shall be activated automatically for recovery.

The Science Vehicle shall hold one large raw hen's egg and protect it from breaking during the mission. The official sponsors for this competition include The American

Astronautical Society (AAS), American Institute of Aeronautics and Astronautics (AIAA), NASA Goddard and NASA JPL.

A total of 72 teams participated and 42 teams were qualified for the launch after

1. Preliminary Design Report,
2. Critical Design Report and
3. Pre Flight check.

We had formed a group of 10 students from different departments of our college (SRM University)

- Electronics and Instrumentation Engineering
- Instrumentation And Control Engineering
- Aerospace Engineering

We had started from scratch and hoped to complete this competition with flying colors. Our technical guide Mr Vasant Kumar and our mentor Mrs. Sunitha had helped us a lot in development of our team and our cansat.

We were given the research lab of the department of Electronics and Instrumentation for the fabrication and development of our cansat. We had worked non-stop for 9 months and we finally made it to 5th Place in the world ranking and 1st in Asia.

SRM and Umea...

Furthering Teaching and Research at Sweden

Staff Reporter

An agreement between SRM University and Umea University was signed in the presence of the Minister of Education, Sweden while the President of India was on his State visit.

Vice Chancellor Professor Prabir K. Bagchi signed the MOU on June 1, 2015 at the Ministry of Foreign Affairs, Stockholm, Sweden. Both parties agreed to promote and support joint teaching, research and community outreach at their

universities. The objective is to increase opportunities for cooperation between India and Sweden so as to augment cultural understanding and appreciation. The universities agreed to promote mutual cooperation in a variety of

educational endeavors. The Umea University was ranked between places 201–300 of all universities in the world by the Academic Ranking of World Universities in 2012. At the same time, the university was ranked 297th in the world (overall) by the QS World University Rankings. In 2012, the university was ranked 23rd in the world of higher education institutions under the age of 50 years by the British magazine Times Higher Education (THE). In 2013 the university was ranked 1st of Sweden in the International Student Barometer on international student satisfaction by the International Graduate Insight Group. It has four faculties and eight campus schools, more than 20 research centers and 35 departments. The University has four faculties: Faculty of Arts, Faculty of Medicine, Faculty of Science and Technology, Faculty of Social Sciences.

Dr. Bagchi also visited the Uppsala University, the oldest

university in Sweden and all of the Nordic countries, founded in 1477. It ranks among the best universities in Northern Europe and in international rankings. Times Higher Education 2013-2014 has ranked Uppsala University in the 111th position. Its work ranges over three disciplinary domains: Arts and Social Sciences; Medicine and Pharmacy; and Science and Technology. SRM University is planning collaboration with Uppsala in all areas possible. At Uppsala University Dr. Bagchi also visited one of Europe's most advanced laboratories for research and education in energy, functional materials, information and communication technology. The Ångström laboratory hosts the largest clean room facility in the Nordic countries, with a unique combination of equipment for advanced micro- and nano-manufacturing as well as high-resolution microscopy and microanalysis. SRM University plans comprehensive collaboration in all possible areas of education and research with Uppsala and other Nordic universities.



At the MoU Signing Ceremony

Evolve a strategy for science and Engineering graduates... Justice Ramasubramanian

Staff Reporter

The 15th Graduation Ceremony for presenting the degrees and awards to the grandaunts of Easwari Engineering College, Chennai was held on 26th April 2015 at the Easwari Engineering College, TRP Auditorium. The function was presided over by Dr.T.R.Paarivendhar, Founder Chancellor, SRM Group of Institutions and it was felicitated by Dr.R.Shivakumar, Chairman, SRM Group of Institutions, Ramapuram and Trichy campus.

In his inaugural address, Dr. T.R.Paarivendhar, narrated the facilities available in the college and advised the students to make use of the facilities to enhance their knowledge. He also stressed the importance of improving their quality to overcome the current competitive scenario. He stressed the value of adopting good qualities in their personal life to make the country a knowledge based one. The Chief Guest Honourable Justice V.Ramasubramanian, Judge, Madras High Court, Chennai delivered the convocation address by congratulating the rank holders. He dwelt in length the significant progress, the country has made in the field of agriculture industry infrastructure, Information Technology, R & D and knowledge wealth.

The globalization has helped the Indian industry to become a major competitor in the world market. In recent times, our country has made significant contribution in outsourcing of R & D talent but still a lot of research work has to be done. He stressed the need for strategic policy interventions not only to strengthen Engineering education but also to facilitate Government, Industry and academia to evolve a strategy for Engineering and Science



Chief Guest Honourable Justice V.Ramasubramanian, Judge, Madras High Court, Chennai and SRM Founder Chancellor Dr. T.R. Paarivendhar handing over a gold medal and certificate to a student at the 15th graduation day of Easwari Engineering College, Ramapuram. Also seen in the picture is Dr.R.Shivakumar, Chairman, SRM Group of Institutions, Ramapuram and Trichy campuses.

education in India by quoting extensively from Vedas and Upanishats. He advised the Graduands to acquire special skills in their respective fields to improve the job prospects, and a contributory in creating knowledge based society to meet the increasing global competitive situation. The chief guest also urged the Graduands to follow ethical principles while discharging their official duties and also try to educate the society the value of ethics. He reiterated the importance of research and development activity which has become a rudimentary step in taking our economy to the greater heights in our globalization efforts. He advised the graduands to enhance their knowledge with constant updating which will definitely take them to the road of success.

The Principal of the College, Dr. M. Sekar presented the Annual report which highlighted the significant contribution of the College in creating young engineers and technocrats for the nation building activity. 947 Students received their degrees out of which 692 from Under Graduate stream, 254 from Post Graduate stream and one student for Ph.D. From the UG stream

47 students and from the PG stream 36 students achieved University ranks and awards. The college was ranked 4th among 188 engineering institutions in Chennai region and was placed in 43rd position among 552 private engineering institutions in Tamil Nadu. The College has secured 95th rank among out of 4259 engineering institutions in India. TCS Best Project award was secured by Ms. R.Snega Priya of IT Department for her innovative project "UAV Autopilot System". TCS Best Student Award was bagged by M.L.Madhubalan of ECE. Ms. B.Amrutha of IT

has secured ISTE Best Student Award. Mr. V.Anand Shankar, Ms.K.Akshitha, Ms.V.AV.Akshaya and Mr.V.Ashwin Dev of EIE were awarded TECHNOW Innovation Award. Awards were also won by students of Engineering and Management for paper presentation in research journals. Mr.Vigneshwaran of IT was honoured with 'Kalai Ilamani' Award by the Government of Tamil Nadu for his excellence in keyboard playing.

The College has been accredited by leading industries and it has been considered as the preferred destination for Campus recruitment. More than

110 companies have visited the like TCS, Wipro, L&T Infotech etc. The Departments of 'Computer Science and Engineering', 'Electrical and Electronics Engineering', 'Electronics and Communication Engineering', 'Mathematics', 'Physics', 'Computer Applications' and 'Chemistry' have been approved as Nodal Centers for Research by Anna University, Chennai for pursuing M.S.(Research) and Ph.D. We have 29 recognized supervisors under various universities. The college is imparting special value added training programme to students to make them employable by signing an MOU with Sai Career Visions. Cisco networking lab under Cisco Academy has been established in the Department of ECE, with CCNA International Certificate Programme. The department of EIE has signed MOU with M/s.Trend Instrumentation and Automotive Pvt. Ltd. Department of Civil Engineering has signed an MOU with M/s. Hi-Tech Concrete Solutions Pvt. Ltd and Department of Management Studies has entered an MOU with National Stock Exchange Ltd. Special courses like programming in C, C+ etc. have been arranged by IT and MCA Department to enhance the students skills beyond their syllabus. Easwari Engineering College is one among the elite groups for promoting quality standards in line with Anna University and IIT.

The strength of our academic performance springs from the 318 faculty members which include 54 Ph.D.'s with rich industrial and Teaching Experience and 64 are pursuing Ph.D. As a part of providing quality education and quality assurance, apart from academic ambience, inspiration, enthusiasm and motivation, the college has HEC, EDC, IIPC, QCPI and IQAC forums to provide quality assurance education, to motivate & develop skills for self-employment. The college has secured ISO 9001:2008 Certification from TUV South Asia.

"our country has made significant contribution in outsourcing of R & D talent but still a lot of research work has to be done"... Justice Ramasubramanian

Re-Imagining Society Through The Internet of Everything

Spectrum Reporter

The IET Technical Talk on “Re-Imagining Society through the Internet of Everything” by Dr. Robert Pepper, Vice President, Global Technology Policy, Cisco was held on 8th July, 2015 in our Auditorium. The technical talk started with Welcome address by Dr. C. Gomathy HOD of ECE Department, SRM University, Vadapalani. The Special Address was given by Dr. C. Muthamizhchelvan, Director – E & T, SRM University. He also felicitated the Chief Guest Dr. ROBERT PEPPER, with a Memento in the presence of Dean(E&T) Dr. K. Duraivelu, Mr. Raghavan Regional Head, IET and Prof. Dr. S.S.Sridhar, Vice Chairman, IET-CLN. The

Director(E&T) in his address, stressed the importance and advantages of making Internet of Everything in the future for various applications from urban transport to medical devices to house hold appliances.

Dr. Robert Pepper received his Ph.D from the University of Wisconsin-Madison and held faculty positions at various universities across the world. He was a research affiliate at Harvard University. He has also been Acting Associate Administrator at the National Telecommunications and Information Administration (NTIA) and initiator of a program on Computers, Communications and Information Policy at the National Science Foundation. Currently, he is Vice President for Global Technology Policy at CISCO.

Delivering his talk on “Re-Imagining Society through the Internet of Everything”. He discussed the vision of Internet of Things ranging from wireless communication to the internet and from Embedded systems to MEMs. He also mentioned the role of Internet of Things in various applications such as Environmental Monitoring, Infrastructure Management, Energy Management, Manufacturing, Medical and healthcare systems and Transportation.

The lecture was attended by the all students, faculties who are members of IET and with the faculties from other campuses too. Followed by the interactive session of students and faculties with Dr. Robert Pepper, the Event concluded with the vote of thanks.



Dr. C. Muthamizhchelvan, Director (E&T) felicitating Dr. Pepper with a memento



Dr. Rajkumar Vice Principal, Dr. Nafeesa Iqbal HOD Pharmacology Dept. addressing the gathering

Brain Booster in Pharmacology

Spectrum Reporter

SRM Dental College, Ramapuram is the first and the only College conducting Inter Dental Academic Competition - Prize Examination in Pharmacology for Dental Colleges of Tamilnadu and Puducherry successfully for the tenth time.

Dr. R. Shivakumar, MD, PhD., - Chairman, SRM University, Ramapuram and Trichy campuses, Dr. Nafeesa Iqbal, MD., Professor & HOD and Assistant Professors – Mrs. Vinodhini, Dr. Subashini, Mrs. Hemalatha of Pharmacology Department were instrumental in conducting this Brain Boosting, Brain Triggering event. Dr. Rajkumar, MDS., Vice Principal & Chairman - Clinical Society

inaugurated the programme. Dean, Dr. K. Ravi, MDS. This year 86 students from 15 Dental colleges participated. The examination consisted of 100 Objective type questions.

SRM Dental College, Ramapuram, has been excluded from awarding Prizes. Still in the overall ranking, SRM Dental College, Ramapuram stands FIRST for the past ten years. Opinion of the Prize winners and Parents:

An innovative examination with various objective type questions in Pharmacology.

Gained experience, exposure and confidence to face the University Examinations and is a STEPPING STONE for National and International Competitive examinations.

Students must be pushed into thinking - Thakuria

A Staff Writer

The second edition TEDx took place at SRM Ramapuram.

Our first speaker Shilpa Manari spoke on “Child Labor” and “How to Drive a Youth Movement”. A talk capable of greasing any youth individual to the two ideas. Shilpa holds certificates in Nutrition has been passionately volunteering for the renowned NGO ‘Make A Difference’, as a Director of Human Capital. What’s more?! She is an alumna of our very own University.

Mr. V. Narayanan, a retired Indian Police Services officer who spoke on “Counter Terrorism”, making sure no aspect of terrorism was escaping our minds.

Ms. Suhani Shah, a young illusionist spoke on “Reality of Illusion”, explaining, with practical demonstrations, how one can be able to trick those around them into believing that “magic” exists, but in reality magic exists only in the thoughts of people. She created a spellbound atmosphere. Mr. Ankur Thakuria is working for the Ministry of external affairs,

Govt. of India, for climate change and is a former youth diplomat to the G20 Summit 2011 held at Cannes. He shared his views about how children and students these days must be pushed more into free thinking and boundless imagination in order to achieve more in life.

In addition to this, had a webcast of TED conference which held in Canada titled “Truth and Dare”- Jason Padgett, a geometric artist, and Daniel Kish on Perpetual Navigation, Chris Urmson on Robotics and Nathalie Cabrol, a Planetary Explorer.



Ms. Shilpa Manari, Director of Human Capital, 'Make A Difference', Dean and Vice Principal (academic), Ramapuram Campus



TEDx SRM Ramapuram team...

STAYING AT THE TOP

SRM University facilitates learning with A Global Perspective... Times of India

A Staff Writer

SRM University has been placed at the very top of fifty private engineering institutes in the latest *Times of India* Survey; and placed Number Seven of the top 100 public and private engineering institutes in the country. Interestingly the top six places in this category has been the exclusive preserve of the IITs-- Kharagpur, Guwahati, Bombay, Delhi, Madras and Kanpur, in that order.

Lavishing praise in the fashion in which SRM University continues to stay at the top in ranking, the TOI survey points to the Semester Abroad Program offered to the students in globally renowned institutions like the MIT, Carnegie, UC Davis and the University of Wisconsin (all in the United States), to mention a few. "Not many universities in India can boast of providing such opportunities to students", The Times Engineering write up of June 16, 2015 says.

"The University doesn't stop

with students. SRM also wants to have its faculty members to acquire global knowledge and competence to prepare students for a global career", the survey adds making the point that faculty members are sent overseas for short stints in the fields of teaching and research.

The survey points to the rich environment at SRM University that includes academics and beyond. "Foreign faculty, flexible and dynamic curriculum, exciting research and global connections are features that set SRM apart" the paper says. "Also, the diversity of students from 52 countries and across the country provides an exciting and stimulating environment, filled with fun and relaxation. The cosmopolitan environment provides opportunities to appreciate and understand other cultures and languages", TOI adds

What has also been also pointed out is the fact that the Union Ministry of Human Resources Development has



placed SRM University in the highest category-- "A"; SRM University is Number One in the top 25 private/deemed universities in India in a survey conducted by Higher Education Review; and SRM Institute of

Science and Technology was ranked Number One in the 2014 Survey of Times Engineering.

"The University places students at the centre of everything it does. SRM is committed to provide

world class learning experience to its students in all disciplines... Being a University committed to world class learning, SRM strives to remove boundaries to the pursuit of knowledge", TOI has said.

Dept. of BCA of FSH comes out top in India Today Survey

Spectrum Reporter

The Dept. of Computer Applications (BCA) of the Faculty of Science and Humanities has been placed in the Second Place in the Perceptual rank and First in the Factual Ranking of *India Today's* latest edition of the country's Best Colleges—an *India Today*-Nielsen Survey.

The Dept of BCA has come out with an overall score of 88.96 /100 scoring high on such aspects as quality of academic input, student care, infrastructure, job prospects and reputation. Among the colleges rated in Chennai the BCA Dept. of the FSH stands first with Women's Christian College (No. 4); Madras Christian College (8); Stella Maris (9) and M.O.P. Vaishnav College for Women (10).

Academics or Cultural, SRM KDC student shines

A Staff Writer

Winning streak continues as Students from SRM Kattankulathur Dental College won First place (Dr.Renuga and Dr.Mithra Post Graduate students) and Third place (Aneesha and Ankita CRRI) for E – Poster competition held at PERIOSHIKSHA, Chettinad Dental College and Hospital on 20th April 2015. Our Students used this opportunity to show case their skills and knowledge in field of periodontics. Several of our students also participated for the cultural event "FUSION CHETTINAD" held at same venue on 9th, 10th and 11th of April. With the major and minor events split between these days our students were able to give



full participation in many of the events. They brought prestige to our college by winning in

most of the events. First place in western dance and adaptune, second place in duet dance and

SRM IHM at No.4

Spectrum Reporter

According to the survey carried out by *India Today* June 15th issue SRM IHM Chennai ranks 4th on a All India level amongst the top 10 Hotel Management colleges in India. The state of the art infrastructure, including hotels attached to the college is one criteria. The academic achievement, Internship in India and Abroad, placement records and qualified faculty members were also taken into consideration for this survey.

third place in Indian dance and ad zap. In other minor events, poster and pot painting first place, connections third place. With support from our faculty and the team effort that we put forward made us accomplish this.



The Chancellor addressing Freshers at the Induction Program

Not only creating infrastructure but also maintaining Standard and Quality of Education.... Chancellor

A Staff Writer

Stressing that SRM University is a unique institution with multi-disciplinary faculties, the Founder Chancellor, Dr. T.R. Paarivendhar said that the University imparts education that is on par with other institutions around the world. "We are not only creating infrastructure, but also maintaining the standard and quality of education, in par with other Universities in the world. The name SRM is recognized

globally as a centre of excellence in emerging areas of science and technology" he said.

The Chancellor was addressing the induction program of Freshers belonging B.Tech., B.Arch and B.Des courses with students and parents were enlightened about the campus, ambience, the system of education and facilities available at SRM University.

Dr. P. Sathyanarayanan, President, SRM University, in his speech mentioned about the

interdisciplinary courses under one umbrella and the diversified culture in SRM University campus. He also encouraged the students to make maximum utilization of resources available at SRM University. He also informed about the new initiative of choice based flexible credit system introduced in the SRM University.

Dr. Prabir Bagchi, Vice Chancellor, SRM University said "As a tree is known by its fruits, an

University is known by its students". He encouraged students to dream big and have faith in their abilities.

Dr. N. Sethuraman, Registrar, SRM University, delivered the welcome address and introduced directors and deans of the Faculty of Engineering and Technology and assured parents about the safety of the students in the campus.

Some of the parents of freshers like Justice Mr.K.Kannan, High

Court of Punjab and Haryana, Dr.Devendra Ojha, Chairman, TIFR-Balloon Facility, Hyderabad, and Mr.Ram Mohan Rao, Commissioner, Jhansi Division, Uttar Pradesh expressed their gratitude to the management of SRM University for a hassle free admission process-- from counseling to enrollment.

Prof. D. Kingsly Jeba Singh, Dean, School of Mechanical Engineering proposed a vote of thanks.



Scenes from the event



Dream Big and Work Hard... Vice Chancellor

Staff Writer

Assuring freshers, their parents and wards that they have come to the right place, the Vice Chancellor of SRM University, Prof. Prabir Bagchi called on young men and women who have chosen the Faculty of Science and Humanities (FSH) to follow their dreams as this would make them proud.

“We are certainly proud of your accomplishments and we hope you dream bigger. Work for your dreams as we have great expectations from you. Everyone always says, ‘Follow your dreams!’ but only a few do. Life interjects and sometimes we might get disheartened. However, there are a number of reasons to follow your dreams. When you are motivated and excited about pursuing your dreams, you’ll attract other people who have the same values and interests. The more you surround yourself with high achievers and noble souls, the further you’ll go” Dr. Bagchi said at the Freshers Induction program.

The Vice Chancellor was the Keynote speaker at the event that was attended by nearly 2000 freshers, their parents and wards. Also attending and speaking at the program was Dr. Sethuraman, Registrar of the University, Dr. R. Balasubramanian, Director of the Faculty of Science and Humanities and Dr. P.K.A Muniswaran, Director of Student Affairs.

“If you decide to go and follow your dreams, you will give hope to others who want to do the same. Remember no one else is going to pursue your dreams for you. Everyone has their own dreams and their own goals for what they want to achieve in life. If you don’t go for it, no one else will. Life without dreams is depressing. Search far and wide for yours, and make a promise to yourself that you will start pursuing them”, the Vice Chancellor said.

“Even better than making your parents proud, you will be proud of yourself! Your confidence will rise, and you’ll enjoy the excitement and the adrenaline that comes with doing something you’ve always wanted to do. Hence dream big. Dream about what you can do for yourself, the society and the globe at large”, Prof Bagchi said going to remind the audience of what the late President of the United States, John F Kennedy had once told Americans—“Ask not what your country can do for you—ask what you can do for your country”.

Reflecting on the history of India where at one time the country some five hundred years ago contributed to 25 per cent of the global Gross Domestic Product but now down to around 2 per cent, Dr. Bagchi noted that foreigners not only looted the economic capital of India but also laid waste to the educational system and on purpose. “What



The Vice Chancellor being welcomed by the Director of the Faculty of Science and Humanities at the Induction Program

happened? We lost confidence—we often say we cannot do it, it is too hard ... CONFIDENCE is what we have to regain. We have to believe in ourselves—we are as good as any other nations—we can do it, if we put our minds to it—nothing is impossible. AND you can and will do it” the Vice Chancellor stressed

“And you have to start it right here and now—believe in your capabilities; strive hard to attain your goals. You may fail sometimes—that is normal—but spring back and redouble your efforts—success is yours to achieve. DREAM BIG and work hard—you will achieve it” he stressed. In his welcome

address Dr. Balasubramanian talked of the various facilities available in the Faculty of Science and Humanities, the varied educational and professional experience of the teaching staff and the opportunities that are available to students during their course of study that included the Semester Abroad Program and the chance to compete and win prestigious short term fellowships in India and abroad. “We will show you the way but ultimately it all depends on you” he observed.

“At SRM University and at the Faculty of Science and Humanities we believe in a holistic approach to learning” remarked

the Registrar, Dr. Sethuraman. While books and examinations were an essential part of academics “we try to mould you as a wholesome person by making you conscious of the societal environment around you” he said making the point that by graduation time, SRM ensures that every student is also a good citizen of India. In his presentation on life at SRM, Dr. Muniswaran said that the student community had at its disposal a whole lot of educational and cultural activities that goes to build up the overall profile of a student. The program ended with parents of two freshers telling the audience why it was their children chose SRM. “It was their first choice” they said.



Freshers of FSH at the two day program

Nurture'15... Ensuring a Smooth Transition

For the Freshers in the Faculty of Science and Humanities, the Dept. of Career Guidance organized a two day orientation program with a view to facilitating the students' smooth transition from one environment to another. The objective of the program was to highlight not only the academic component but also to draw attention to other aspects they would be encountering in their three year stay at SRM University.



Mr. Ashok Belani, Country President and Mr. Sriram G, R&D Director of Valeo Corporation with Dr. C. Muthamizhchelvan, Director (E&T), Prof. S. Ganapathy, Dean – Placement, Dr. M. Leenus Jesu Martin, Prof. & Head/Automobile, Mr. V. Sundaravadivel, Placement Officer, Mr. S. Thiyagarajan, A.P. (O.G.), Mr. Akash Baghel & Mr. Allada Sai Rohit

SRM takes on Valeo's Innovation Challenge

Staff Writer

Valeo Corporation has globally launched the "Valeo Innovation Challenge 2015" for Engineering & Science students. Valeo endeavours to encourage more new inventions for a greener world. Out of the 1325 teams

who participated, the team from SRM University has been selected for the Top 20.

Mr. Akash Baghel of Second Year Automobile Engineering and Mr. Allada Sai Rohit of Second Year Electrical & Electronics Engineering have been selected to participate in the finals to be held in France.

For making the prototype and participating in the finals, Valeo Corporation has awarded them 5000€ (approximately Rs. 3.45 Lakhs).

SRM University congratulates them for their ingenuity and wishing them all the very best to come out in flying Colors in the finals.

Hear Your Voice on the Radio?

Staff Reporter

SRM Muthucharam Community Radio 90.4MHz. has a main motive in uplifting the state of the community, almost in all dimensions of their everyday lives and transmitting the programs from our SRM University Campus, during 8.30am -4.30pm. Focusing on health & nutrition, youth based, children's programs, musical, community development programs.

SRM Muthucharam CR is a unique platform to showcase your talents. It provides opportunity to express the hidden talents through live radio programs. All Students and faculty are always welcome to join your hands and take advantage of this opportunity and showcase yourself. Interested persons may contact,

THE STATION MANAGER

Muthucharam Community Radio 90.4 MHz.
6th Floor, Room No.608.A, HI-TECH Building
SRM University, Kattankulathur – 603 203
Email: radiomuthucharam@ktr.srmuniv.ac.in



Mr. Ashok Ranjith, Manager (HR), Cognizant Technology Solutions giving away the award to Mr. Sovik Maitra. Dr. C. Muthamizhchelvan, Director (E&T), Prof. S. Ganapathy, Dean – Placement, Dr. R. Annadurai, Prof. & Head/Civil, Placement Officers Mr. V. Sundaravadivel, Mr. Sukhmohan Singh, Mr. V. Tony Lemyur, Asst. Placement Officer and Mr. R. Ananth Kumar, PS to Director are in the picture.

Best Student Award

Staff Reporter

Cognizant Technology Solutions has instituted the "Best Student Award" in select campuses and SRM University is one amongst them. This year the award has been bagged by Mr. Sovik

Maitra of Final Year Civil Engineering. The choice of Mr. Sovik Maitra has been made by a panel of faculty members. Various parameters including academic and extracurricular activities, were considered for the right choice.

Best Outgoing Student Award

Staff Reporter

Mr. Apoorv Tandon of Final Year Electronics & Communication Engineering has been awarded the "Best Outgoing Student Award" sponsored by Tata Consultancy Services.

Tata Consultancy Services has been recognising the young talents through initiatives like "Best Outgoing Student Award".

This award has been instituted by Tata Consultancy Services in 100 chosen campuses, across India.

Mr. A. Krishnaswamy Pattabiraman, Head, Accreditation Process for South India and Academic Interface for TN, while giving away the award appreciated the efforts of management of the SRM University for having selected such an excellent

candidate for the award.

He specifically acknowledged the efforts of the selection committee for the rigorous methodology adopted.

Mr. Apoorv Tandon in his acceptance speech mentioned that his active involvement and participation in all the opportunities available in the SRM University helped him to achieve this feat.



Mr. A. Krishnaswamy Pattabiraman, Head, Accreditation Process for South India and Academic Interface for TN, Tata Consultancy Services handing over the award to Mr. Apoorv Tandon. Dr. N. Sethuraman, Registrar, Dr. T. P. Ganesan, Pro Vice Chancellor, Dr. C. Muthamizhchelvan, Director (E&T), Prof. S. Ganapathy, Dean – Placement are in the picture.



SRM University ICIDL 2015 Conference in Chennai 11-13 June 2015

Lanscaping future Libraries and Professionals

Staff Reporter

Innovation Driven Librarianship: Creating Future Landscape for the New Generation Libraries and LIS Professionals (ICIDL 2015) held at SRM University.

The second ICIDL 2015 was held in the SRM University organized by the Central Library in association with Korean Society for Information Management (KOSIM), South Korea and Korea Institute of Science and Technology Information (KISTI), South Korea.

The Inauguration held at Dr. T. P. Ganesan Auditorium Mini Hall-I in the SRM University campus. The function started with invocation and Dr Rajendran welcomed the gathering, followed by lighting of Kuthuvilluku as a mark of

customary of Indian tradition and culture.

Prof. Prabir K. Bagchi, Vice Chancellor, SRM University, presided over the function and released pre-conference volume and in his address he has highlighted the role of Librarians which are challenging task in the present day changing information society.

Dr. T.P. Ganesan, Pro Vice Chancellor, SRM University narrated the information gathering habits and procedure during pre electronic libraries era and the present digital library context. Dr. Kathleen Burnett, Professor and Chairperson, Information Science, Florida State University, USA delivered the keynote address. Dr. Dong Geun Oh, Keimyung University,

South Korea in his speech as Guest of honour has recalled his long association with Indian Library Community and said that he considered himself as Indian. Dr. Sujin Butdisuwan, Mahasarakham University, Thailand in his felicitation address said that he has visited India for several times as an academic ambassador of Mahasarakham University, Thailand. Dr. K. Mohan, Director (ITKM) SRM University felicitated the conference organizer and stressed that change is certain and it is must for the organization and institutional development and libraries are not exceptional. Dr P Ganesh, Asst Librarian, SRM University proposed a vote of thanks.

There were about 144 papers

including invited papers and contributory papers. The papers were presented in 9 Technical sessions which includes 12 Plenary talks and 22 Invited talks, 4 product presentations.

True to the spirit of International spirit, authors from 12 foreign countries presented their papers in addition to India such as USA, Thailand, South Korea, Japan, Nigeria, Singapore, Bangladesh, Iran, Malaysia, Taiwan, China and Nepal. It is the first of its kind in India in the recent years, where more than 300 participants including invitees from a good number of countries in the LIS profession interacted in the conference organized by a private university with international collaboration.

Professionals from 14 states of India participated.

Sai Natyalaya, Chennai entertained the participants with a colorful and pleasant cultural meet with a blend of carnatic and modern concert.

The valedictory function was presided over by Prof. Ponnusamy, the COE of SRM University. The valedictory address was delivered by Prof. Prof. Shiyan Ou, Nanjing University, China. Prof. Dr. Dong Geun Oh, Keimyung University, South Korea and Prof B Ramesh Babu served as Program Chairs and Dr SK Asok Kumar of TN Ambedkar Law University acted as Rapporteur-General. The Organising Secretary, Dr P Rajendran proposed vote of thanks.

Technical Institutions must be hub for R&D... Dr. Pattabiraman

Staff Reporter

Valliammai Engineering College, Kattankulathur organized its 11th Graduation Day ceremony at the T.P. Ganesan auditorium with 529 students graduating for the academic year 2013-14 and receiving their certificates from the Chief Guest Dr. A.K. Pattabiraman, Head-Accreditation Process for Southern India and Academic Interface for Tamil Nadu, TCS.

In his address to the gradu-

ates, Dr. Pattabiraman highlighted that the role of an engineer is to enhance the quality of the life of the common man and there is a linkage between technology and development. Today's professionals must be ready to accept new challenges, ready to explore the unexplored possibilities, ready to learn new techniques, willing to adapt rapidly to the changing environment and evolving the needs of the customers and the end users, he said. He stressed that our system of education must be fine-tuned. and that

innovation is the key link for progress.

He pointed out that while teaching, portions should not be covered but, they must be uncovered for creating excitement among the students. He strongly highlighted that technical institutions can no longer remain teaching-learning shops. They must become the Hub for Research and Development. The six-month 'practicum' followed in Germany can be introduced in India.

Dr. Pattabiraman spoke of the Digital Five Forces Social media,

Cloud Computing, Analytics and Big Data, Mobility Solutions and Artificial Intelligence and Robotics. In addition to these, 3D Printing, Graphene, IoT, Cognitive Computing, Wearable Devices will rule the world in the next five to ten years. "If students want to succeed, they should understand technol-

ogy and business and their interfaces at every stage," he said. Dr. T.P. Ganesan, the Director of Valliammai Engineering College and the Pro Vice Chancellor delivered the welcome address with Dr. B. Chidambara Rajan presenting the Graduation Day Report.



The Chief Guest and the Pro-Vice Chancellor with an award winning student



SRM University conducted Six week certificate course in sports coaching in Collaboration with Sports Authority of India, Delhi from 14/05/2015 to 24/06/2015 in Five games like basketball, football, hockey kabaddi and Volleyball. 83 participants attended the programme for 42 days in SRM University, Kattankulathur. The Founder Chancellor Dr.T.R.Paarivendhar SRM University presided over the function and gave away certificates to participants.

Free Denture Camp at SRM Dental College and Hospital

Staff Reporter

SRM Kattankulathur Dental College and Hospital continued its endeavor to serve the community at large and the needy in particular: as they treated elderly patients on 8th free of cost. The department of Prosthodontics and Implantology conducted a free denture camp for inmates of an old age home from Acharapakkam. The faculty members from the department screened about 50 patients in the old age home; 25 patients were brought to SRM Kattankulathur Dental College Hospital and provided treatment. All the patients were above 85 years old. The highlight of the camp was satisfactory treatment of a 101 year old patient, who was provided with a full set of upper



In the picture: Dr. N. Vivek, The Dean, SRMKDC & H, Dr. V. Vidyashree Nandini, HOD, Department of Prosthodontics, with the 101-yr-old patient and from the old age home

and lower artificial teeth. She is the oldest patient treated at the SRM Kattankulathur Dental Hospital till date.

'Interactive Sessions in Marketing and Research

Staff Reporter

Prof. Pradeep A. Rau, Chairman & Professor of Marketing and International Business, George Washington University, Washington, D.C., was at Faculty of Management, SRM University, for Interactive sessions in Marketing and Research Colloquium on 1,2, July-2015. His sessions were enriching, giving an innovative and dimensional insight for collaborative research.

Professor Rau has taught at The University of Delaware and Kent State University and a recipient of several awards that includes, American Marketing



Association Doctoral Consortium Fellow. His teaching interests are in marketing research, product management and social marketing and his research has mainly focused on international marketing strategy and marketing research.

He has spoken before student and executive groups in a number of countries including Brazil, China, Colombia, Denmark, Egypt, Malaysia and Russia. In India he has taught at the Indian Institute of Technology, Delhi, Tata Management Training Centre, Pune and the Indian Institutes of Management in Ahmedabad and Bangalore.

My experience and purpose of my exchange visit to Umea University.

Staff Reporter

"Getting an opportunity to work in an abroad university is a blessing and I am grateful to SRM for providing me with that opportunity. I opted to go for the SAP program to complete my bachelor's thesis to gain more exposure and experience working outside of a known environment. Currently I am working in the Department of Molecular Biology at Umeå University, under Professor Martin Gullberg for a 6 month project which also serves as my bachelor's thesis said Ms.Srinidhi Rao, current at Umea". "When I return back I have to defend my

work carried out here in front of the professors of the Department of Genetic Engineering. Stem cell research is what appeals to me most and I am currently looking for possibilities to do my Master's or PdD degree she said". "This experience has definitely given me the required exposure, both academically and socially, to survive and pursue a career anywhere in the world. It a great pleasure to also meet the Vice Chancellor of SRM during my stay here. His insights and outlook on career and education inspired me the student of genetic engineering of SRM added."



Ms.Srinidhi with the VC during the later's visit

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

Dealing with Environmental Degradation

.... the theme was chosen keeping in mind the increasing environmental degradation problems...

Staff Reporter

An ignited mind is the most powerful weapon on the Earth and this is got through education. Education is the most profitable investment in the near future. The Short Term Training Programme (STTP) on Environmental Modelling was organized by the Department of Civil Engineering, SRM University. This highly informative workshop was inaugurated on the World Earth's Day by Dr. N. Vasudevan (Director, Centre of Environmental Studies, Anna University, Chennai). Environmental Modelling was chosen as the theme for the workshop keeping in mind the increasing environmental degradation problems and to educate the gathering about different environmental models that are being used in order to achieve a sustainable development. It was organized for a period of 4 days covering all aspects of environmental problems in the present scenario. A total of 46 highly enthusiastic participants were chosen from around 100 applications all over the country. A whole spectrum of students, research scholars, renowned scientists and industrialists came from

different parts of the country to participate in the workshop

Lab session was also kept as an integral part of the workshop in order to provide a better insight on the environmental models and also to provide information about some very harmful emergent environmental pollutants. The resource persons came from different backgrounds in order to impart knowledge about different modelling aspects. The workshop kicked off by clearing the basic concepts of modelling by Dr. S. Mohan (IIT, Madras). The aspects of Air quality modelling was explained by Dr. R. Venkatesan. Air Quality Models such as HYSPLIT and FLEXPART used to study the possible source of emission of certain POPs (Persistent Organic Pollutants) was explained effortlessly by Dr. Paromita Chakraborty (SRM Research Institute, SRM University). Concerns and doubts related to Solid Waste Modelling were discussed by Dr. D. Janadhanan (NITTR, Chennai). Further a lab session was conducted by Dr. C. R. Suribabu (SASTRA University) to explain the gathering about a very important model related to Water Quality Model EPANET. Aspects related to Noise Pollution Model also were discussed by Dr. Ramachandiraiah (SRM School of Architecture, SRM University). Source Apportionment Modelling was discussed with great interest by Dr. N. Nethirajan (TNPCB, Guindy). This was followed by an interactive lab session on the demonstration on the analytical techniques of the persistent organic pollutants. The economic aspects related to modelling were explained by Dr. Kurian Joseph (Centre for Environmental Studies, Anna University, Chennai).



A Section of the students at the "Bon Voyage" get together

IHM students as Interns in Malaysia

Staff Reporter

For the First time in India close to 35 students from SRM IHM have marked their way for their Internship & Placement, International Exposure Training at a Five Star property in Malaysia.

In line with this a farewell get together "BON

VOYAGE" for students was held at SRM Hotel on 9th June at 230 hrs. The Vice Chancellor Dr. Prabir K Bagchi, Dr. D. Antony Ashok Kumar, Director SRM IHM & Uniglobe Managing Director Mr. Vaibhav addressed the gathering. Students were given their Internship offers, visa's, mediclaim forms etc by the Vice Chancellor.

Healing the body and mind

Spectrum Reporter

On the occasion of the International Day of Yoga on June 21, 2015, ISHA yoga was arranged to promote wellness & health of the staff members at SRM University, Vadapalani Campus on 26th June 2015 through a 90 minutes video session.

All the poses were very easy that even the simplest pose offers both physical and emotional benefits. Anybody who is seven years of age and above can do ISHA Yoga. The following simple yoga exercises were demonstrated through video.

Namaskar Yoga, Sadilaja, Pranayam, Nada Yoga, Neck practices, Chanting of Aum or Om Meditation (A-U-M)





தென்னாப்பிரிக்காவில் பல்கலைக்கழகத் தமிழ்ப்பேராயத்தின் அயலகத் தமிழாசிரியர் படிப்பின் பட்டயமளிப்பு விழா

புலம்பெயர் நாடுகளில் வாழும் தமிழர்கள் மருத்துவம், பொறியியல், கணினியியல் போன்ற படிப்புகளில் பட்டம் பெற்றவர்களாக உள்ளனர். இவர்களுக்குத் தமிழைப் எழுத, பேச, படிக்கத் தெரியுமே தவிர தமிழைக் குழந்தைகளுக்குக் கற்றுக்கொடுப்பதற்கான கல்வியறிவும் பயிற்சியும் கல்வித் தகுதியும் இல்லாமல் இருந்துவந்தது. இந்தக் குறையைப் போக்கும் வகையில் SRM பல்கலைக்கழகத் தமிழ்ப்பேராயம் வெளிநாடுகளில் வாழும் தமிழ்க் குழந்தைகளுக்குத் தமிழைச் சொல்லிக் கொடுப்பதற்குப் பயிற்சியும் கல்வித்தகுதியும் உள்ள ஆசிரியர்களை உருவாக்கும் வகையில் அயலகத் தமிழாசிரியர் (Diaspora Tamil Teacher) என்னும் ஓராண்டு ஆசிரியர் பயிற்சிப் பட்டயப் படிப்பினைத் தொடங்கியது.

இந்தப் படிப்பு உலகத் தமிழ்ப் பண்பாட்டு இயக்கத்துடன் (International Movement for Tamil Culture - IMTC) இணைந்து நடத்தப்பட்டது. தென்னாப்பிரிக்காவில் இருந்து 63 மாணவர்கள் இந்தப் படிப்பில் பயின்றுவந்தனர். இவர்களில் 44 பேர் தேர்ச்சி பெற்றனர். இவர்களுக்கான பட்டயமளிப்பு விழா (Graduation Day) 04.04.2015 சனிக்கிழமையன்று தென்னாப்பிரிக்காவின் டர்பன் நகரில் மியர்பேங்க் தமிழ்ப் பள்ளி அரங்கத்தில் (MTSS) காலை 10.00 மணியளவில் நடைபெற்றது.

இந்தப் பட்டயமளிப்பு விழாவை SRM பல்கலைக்கழகத்தின் வேந்தரும் தமிழ்ப்பேராயத்தின் புரவலருமான மாண்புமிகு முனைவர் தா.இரா. பாரிவேந்தர் அவர்கள் தலைமையேற்று நடத்தி மாணவர்களுக்குப் பட்டயங்களை வழங்கி, பட்டயமளிப்பு விழாப் பேருரை வழங்கினார்கள்.

இவ்விழாவில் SRM பல்கலைக்கழகப் பதிவாளரும் தமிழ்ப்பேராயத்தின் தலைவருமான முனைவர் நா. சேதுராமன் அவர்கள் வரவேற்புரை வழங்கினார்கள். இந்தப் படிப்பினைத் தென்னாப்பிரிக்காவில் எடுத்து நடத்திய உலகத் தமிழ்ப் பண்பாட்டு இயக்கத்தின் தலைவர் திரு. மிக்கி செட்டி அவர்கள் அறிமுகவுரை வழங்கினார்கள்.

தென்னாப்பிரிக்காவின் இந்தியத் தூதரகர் (Indian Consul General) மாண்புமிகு இரா. இரகுநாதன் அவர்கள் வாழ்த்துரை வழங்கினார்கள். இவர் தமிழர் என்பதும் விழாவில் தமிழில் பேசினார் என்பதும் சிறப்பிற்குரியதாகும். குவாகுலு நடால் மாநிலத்தின் (டர்பன்) மனிதவள மேம்பாட்டுத்துறை அமைச்சர் மாண்புமிகு ரவி பிள்ளை அவர்களும் ஈகவேனி மாநகராட்சியின் பேச்சாளர் மாண்புமிகு லோகி நாயுடு அவர்களும் SRM பல்கலைக்கழகத்தின் மேனாள் துணைவேந்தர் மு.பொன்னவைக்கோ அவர்களும் உலகத் தமிழ்ப் பண்பாட்டு இயக்கத்தின் அனைத்துலகச் சிறப்புத் தலைவர் கனடாவைச் சேர்ந்த வீ.சு. துரைராசா அவர்களும் இலங்கை பாராளுமன்ற உறுப்பினர் மாவை. சேனாதி ராஜா அவர்களும் வாழ்த்துரை வழங்கினார்கள்.

இவ்விழாவில் இலங்கை பாராளுமன்ற



உறுப்பினர் சிவஞானம் ஸ்ரீதரன், ஜெர்மனியைச் சேர்ந்த IMTC அமைப்பின் செயலாளர் திரு. துரை. கணேசலிங்கம், மலேசியாவைச் சேர்ந்த IMTC அமைப்பின் துணைத் தலைவர் திரு. ப.கு. சண்முகம், ஆஸ்திரேலியத் தமிழ்க் கலாசாலையின் தலைவர் திரு. கா. சுகுமாரன், சுவீற்சர்லாந்து தமிழ்க் கல்விச்சேவை அமைப்பின் ஒருங்கிணைப்பாளர் திரு. க. பார்த்திபன், தென்னாப்பிரிக்காவின் மேஜர் ஜெனரல் பாலா நாயுடு, MTSS பள்ளியின் செயற்குழு உறுப்பினர் திரு. மோகன் நடேசன், தென்னாப்பிரிக்க இந்து மகா சபையின் தலைவர் திரு. அஸ்வின் ட்ரிக்மின்சி போன்றோரும் கலந்துகொண்டு விழாவினைச் சிறப்பித்தனர்.

அமெரிக்கா, கனடா, மலேசியா, ஆஸ்திரேலியா, சுவீற்சர்லாந்து, ஜெர்மனி, மொரீசியஸ், பிரான்ஸ், இலங்கை போன்ற பல நாடுகளில் இருந்து 60க்கும் மேற்பட்ட பன்னாட்டுப் பங்கேற்பாளர்கள் கலந்துகொண்டனர்.

SRM பல்கலைக்கழகத்தின் தேர்வுக் கட்டுப்பாட்டு அலுவலர் பேராசிரியர் முனைவர் சு. பொன்னுசாமி அவர்கள் பட்டயமளிப்பு விழாவினை ஒருங்கிணைத்ததுடன் நன்றியுரை வழங்கினார்கள். ஓராண்டுகாலமாக நடந்த இந்தப் படிப்பினைச் செயல்படுத்திய தமிழ்ப்பேராயப் பேராசிரியர் முனைவர் இல. சுந்தரம் நிகழ்ச்சியைத் தொகுத்து வழங்கினார். இந்தப் படிப்பு உலகத் தமிழர்களிடையே பெரும் வரவேற்பையும் எதிர்பார்ப்பையும் ஏற்படுத்தியுள்ளது. உலகத் தமிழர்கள் தமிழ்க் கல்வி பெறுவதற்கு இது மிகப்பெரிய வரப்பிரசாதம். தென்னாப்பிரிக்கத் தமிழ் வரலாற்றில் இது ஒரு திருப்புமுனை; மைல்கல்.



எஸ்.ஆர்.எம் பல்கலைக்கழகத்தின் அறிவியல் மற்றும் கலையியல் புலத்தின் தமிழ்த்துறையில் உதவிப் பேராசிரியராக பணியாற்றும் முனைவர் பா.ஜெய்கனேஷ் 15.05.2015ல் மாண்புமிகு குடியரசுத் தலைவரிடமிருந்து இளம் ஆய்வறிஞர் விருதுக்கான பட்டயமும் காசோலையும் வழங்கி கௌரவிக்கப்பட்டார்.