

SPECTRUM

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Dr. Harsh Vardhan, Union Minister for Science and Technology and Earth Sciences who was the Chief Guest at the 10th Convocation Felicitating a student topper. Also seen in the picture are the President of SRM University, Dr. R.P.Sathyanarayanan and the Founder Chancellor, Dr.T.R.Paarivendhar



Benefits of Science has to reach society...

-Dr.Harsh Vardhan



The Founder Chancellor Presenting a memento to the Union Minister with the President of SRM University and Director of Research looking on.

A Staff Writer

Calling for a re-orientation in research with a continuing process of brain storming sessions that are public oriented, Union Minister

of Science and Technology and Earth Sciences, Dr. Harsh Vardhan stressed that the benefits of science has to reach the society. “ Even after 67 years of Independence we have a lot

of problems” he told a group of Researchers, Faculty members and students of SRM University at an interactive session after the Institution’s Tenth Convocation at the Kattankulathur Campus on March 24, 2015.

“ We have to analyse, find innovative solutions, we have to prioritise and apply the mind. Now the country needs out of the box solutions” the Union Minister told a select gathering. “The benefits of science has to be passed on to the people. We have the capacity and potential in everything”, Dr. Harsh Vardhan remarked going to point out ancient India’s premier standing in science and technology.

“ In almost all spheres of life be it commerce, art culture or economics we were the world power, not just in science... hundreds of years back we had vaccination for small pox and we had the best sanitation system. We should not forget

the past. What we were should be an inspiration” he said.

Maintaining the perception of the government holding a different yardstick between governmental and private institutions on the issue of Centres of Excellence or in the disbursement of funding cannot be over-generalised, Dr. Harsh Vardhan argued that funding of research projects by way of grants was based on either quality of the proposals or subject oriented. “ We have to go back and see the law and the reasons the Indian Parliament has acted in this”, he said in response to a question.

In his welcoming remarks to the nearly 90 minute interactive session with the Union Minister, the President of SRM University, Dr. R.P.Sathyanarayanan pointed out to the fact that the Institution had a separate Research Institute of twenty scholars devoted only to Research quite apart

from the faculty and students involved in high quality research. “SRM University envisages to increase the number of full time researchers to 100 over a three year period” Dr. Sathyanarayanan said.

Dr. Narayana Rao, Director of Research, said that the primary objective at SRM University is to carry our world class research in different disciplines and has ambitious projects in the works like putting a satellite to the Moon in cooperation with the ISRO, the design of the satellite in the final stages of completion as also an SRM Search Engine including the fascinating idea of having such a mechanism in Hindi.

Earlier in the day Dr. Harsh Vardhan was the Chief Guest at SRM University’s 10th Convocation in which nearly 14,000 students received Bachelor’s, Master’s, Doctoral Degrees and Diplomas.



The Chairman of ISRO being greeted by the Director of Research



The Director of Research, Dr.Narayana Rao making a presentation



The Secretary of DST, Dr. Ashutosh Sharma at the interactive session along with Dr.R.P.Sathyanarayanan, President, SRM University

Nurture A Dream, Harsh Vardhan Tells Graduating Students

SRM University's Tenth Convocation

Chennai is the intellectual capital of India and Chennai is one place where the glorious heritage of the history of science has been maintained in a professional fashion over the years. Apart from this, Chennai has also the capability of being the research capital of the country,. With a University like SRM you can establish a path that could be emulated by others

- Dr. Harsh Vardhan

A Staff Writer

Calling on the graduating class at SRM University to provide the country with very sincere, very dedicated, very honest and value oriented people, the Minister of Science and Technology and Earth Sciences, Dr. Harsh Vardhan told students that commitment to values together with sincerity and dedication will help them as they charted their futures.

Dr. Harsh Vardhan was the Chief Guest at SRM University's 10th Convocation with some 14,000 students being awarded Bachelor's, Master's and Doctoral Degrees and Diplomas.

"To be successful you will have to nurture a dream today. If you have a dream and are sincere about fulfilling it, you will have the help of God, society and everyone", the Union Minister remarked recalling how some two decades ago a small group of people came up with the dedicated dream of making India polio-free.

"If you can give a ballot to every single person, why would it not be possible to reach out to the people by

a vaccine", Dr. Harsh Vardhan said pointing out to the fact that today India has been established to be "polio free"

Lavishing praise on SRM University as an institution of higher learning which has "all in one roof and the real hub of research", the Union Minister spoke of SRM's Satellite that had been launched in October 2011 and students and faculty currently engaged in a conversation with ISRO on sending a satellite to the moon. "It is just unbelievable", Dr. Harsh Vardhan remarked.

"Chennai is the intellectual capital of India and Chennai is one place where the glorious heritage of the history of science has been maintained in a professional fashion over the years. Apart from this, Chennai has also the capability of being the research capital of the country,. With a University like SRM you can establish a path that could be emulated by others", Dr. Harsh Vardhan said.

In his welcome address, the President of SRM University, Dr. R.P. Sathyanarayanan, spoke of the various research initiatives taken up by students and faculty in such areas as satellites, unmanned aerial vehicles, under sea and all terrain vehicles and called



The Founder Chancellor and the Union Minister in a Conversation

on the central government to keep private and government educational institutions on the same par when it came to initiating Centres of Excellence and funding.

With the Founder Chancellor Dr. T.R. Paarivendhar presiding, honorary Degrees of Doctor of Science was conferred on Mr. Alur Seelin Kiran Kumar, Chairman, Indian Space Research Organization, Chairman, Space Commission and Secretary in the Department of Space; Dr. Pradeep K. Khosla, Distinguished Professor and Chancellor of the University of California, San Diego, USA; and Dr. Ashutosh Sharma, Secretary to the Government of India, Department of Science and Technology.

The Convocation at India's Number One Multi-Stream University witnessed 90 scholars receiving their Ph.D degrees in various disciplines besides



The President of SRM University with the Chancellor of University of California, San Diego

nearly 165 students getting Gold Medals for having secured first rank in their courses.

A noteworthy feature of SRM University's Tenth Convocation was that for the first time as many as 46 students graduated with Post Graduate Medical degrees in MD, DM and MS.

And for a University that prides on reaching out and assisting the economically disadvantaged and differently abled in the society, 7 visually challenged students are graduating from the School of Teacher education and Research with an M.Ed degree.



SRM NCC Cadets Make a Huge Statement

Satamitra Ghosh Dastidar

The National Cadet Corps or NCC is the Indian military cadet corps recruiting cadets from high schools and colleges all over India. The 'Republic Day Camp' or RDC is one of the most revered activities that the corps undertakes. The camp is the culmination of all NCC Training activities. RDC is held at Garrison Parade Ground, Delhi Cantt from 01 to 29 Jan. 1850 Selected NCC Cadets from 17 directorates are selected to attend.

Two students of SRM, Cadet Akashdeep Singh from 2nd year B.Tech ECE, and Cadet Rishabh Sharma from 2nd year B.Tech Civil Engineering, were selected to represent the

Tamil Nadu directorate in the RDC Camp.

Finishing first in 7 city level camps they reached the IGC camp held in St. John College, Tirunelveli in October '14, they further went into a series of two launch camps. Both of these were held in December '14 at Vel Tech College, Avadi. Following selection, they went on to the RDC.

Cadet Akashdeep Singh marched on the Rajpath after being selected for the All India Guard during the camp and in doing so became the first SRM NCC Cadet to be bestowed with this opportunity. Cadet Rishabh was part of the PM Rally and won the Bronze for the best cadet at the IGC. During the camp, they visited the RakshaMantri,

three Service Chiefs and various State Ministers.

Akashdeep said that "The entire 150 days, has caused a huge change in lifestyle. I still can't sleep, as we had to report at 3 A.M. every day. It was a once in a lifetime experience". Rishabh was equally vocal in his praise. "It was life changing experience, which taught me a lot. For a common person to share space with dignitaries and march with like-minded individuals... It's not every day that you can do that!"

Both the Cadets were felicitated first at the Vel Tech College and then at Raj Bhavan Chennai by the Governor of TN. They were also felicitated by the Governor of Puducherry, and received cash prizes for the same.

Welcoming a new Vice Chancellor

A Staff Writer

Dr. Prabir Bagchi is the new Vice Chancellor of SRM University. A former Dean and Professor of Operations and Supply Chain Management in the School of Management, George Washington University, Washington D.C., USA, Dr. Bagchi graduated from Calcutta with a B.E degree in Mechanical Engineering before proceeding for higher studies in the United States at the University of Tennessee.

of expectations from him. I hope they will be realised" he said. Calling himself the "Helper-in-Chief", Dr. Bagchi in his remarks said that his first priority was to understand each department in the University. "You will get a patient hearing. It is in my interest to make you successful. Together we will understand your problem", the Vice Chancellor said adding that the first task is in how SRM University is going to be "known in the League of World Class Universities".



Dr. Prabir Bagchi

Among his long list of academic and professional achievements Dr. Bagchi has held the Otto Monsted Chair of Global Supply Chain Management at the Copenhagen Business School; a visiting professor at the Norwegian School of Management, Oslo; and a visiting fellow at the University of Sydney, Australia.

Introducing the new Vice Chancellor to Directors, Deans and Heads of Departments of the SRM Family, the Pro- Vice Chancellor of Planning and Development, Dr. T.P. Ganesan maintained that Dr. Bagchi had been selected to a top management post after an "elaborate and strict" process. "There are a lot

The second task, according to Dr. Bagchi, was in making SRM University look more multi-cultural and multi-ethnic representative of the world with diversified faculty and students.

"These are two simple tasks but a big challenge", the Vice Chancellor said. Senior faculty members at the SRM family are convinced that Dr. Bagchi will move the institution to higher levels of achievement and glory. And this will have to come about not merely through bricks and motors but in such areas as teaching, research, publications, invention, Placement and other initiatives that keep the SRM flag flying high.

மாண்புமிகு பல்செய்க்குழு வேந்தர் அவர்களின் பார்வைக்காக தமிழ்ப்பேராய விருதுகள் தெரிவின் செம்மை

கீழ்க்காணும் அறிஞர்கள் தம் படைப்புகளுக்காகத் தமிழ்ப்பேராய விருதுகள் பெற்ற பின்னர் அதே படைப்புகளுக்காகக் குடியரசுத் தலைவர் வழங்கும் செம்மாழி ஆய்வு நிறுவன விருதும், பிற விருதுகளும் பெற்றிருக்கிறார்கள்.

1. முனவர் தமிழண்ணல் - பாரிவேந்தர் பைந்தமிழ் விருது பெற்றார் (2013). அதன் பின்னர்ச் செம்மாழித்திட்டத் தொல்காப்பியர் விருதும் பெற்றார்.
2. முனவர் செ.வை.சணகம் பரிதிமாற் கலைஞர் விருது பெற்றார் (2013). அதன் பின்னர் தொல் காப்பியர் விருதுக்கு அறிவிப்பு வந்துள்ளது.
3. தி.பூமணி - புதுமைப்பித்தன் படைப்பிலக்கிய விருது பெற்றார் (2014). அதன்பின் சாகித்திய அகாடமி, கோவை தமிழ்ப் பண்பாட்டு மையம் ஆகியவற்றின் விருதுகளைப் பெற்றார்.
4. முனவர் க.சுந்தரபாண்டியன் இளம் ஆய்வறிஞர் விருது பெற்றார் (2012). அதன் பின் குடியரசுத் தலைவர் வழங்கும் செம்மாழி விருது பெற்றார்.
5. முனவர் க.ஜவகர் - இளம் ஆய்வறிஞர் விருது பெற்றார் (2013). அதன்பின் குடியரசுத் தலைவர் வழங்கும் செம்மாழி விருதுக்கு அறிவிப்பு வந்துள்ளது.
6. முனவர் பா.ஜெய்கேணன் - இளம் ஆய்வறிஞர் விருது பெற்றார் (2014). அதன்பின் குடியரசுத் தலைவர் வழங்கும் செம்மாழி விருதுக்கு அறிவிப்பு வந்துள்ளது.

செயலர், தமிழ்ப்பேராயம்

SRM racing ahead at Tata Nano Genext Young Achievers Program

Zafar Faraz

SRM University kept its head held high at the recent Tata Nano Genext Young Achievers program held recently at Hotel Aloft, Sholinganallur.

Saloni Verma, a third year student of Biomedical Engineering was awarded the Best Speaker in the Chennai Zone.

Sixty four of the brightest minds in the Chennai region were called to a go-karting arena and allowed to drive a Tata Nano, as part of a survey. The participants had to perform multiple tasks such as driving through an obstacle course, solving crossword puzzles, quiz

sessions related to Tata history and its productions.

In the final round, the participants were split into ten groups of three members each, in which they were asked to formulate a story with a set of eight pictures, one being that of a Tata Nano. A convincing interpretation of these pictures was held as the criteria for evaluation. The winners of this event will be

taken on a tour of the Tata Factory in Ahmedabad, along with winners from other cities as well. Quoting Shakespeare, Saloni explained her inspiration behind overcoming new challenges, "On such a full sea are we now afloat and we must take the current when it serves".



Saloni Verma and Arun Prakash holding up their set of pictures for the story

Celebrating Genetics with Indian Genetics Congress (IGC '15)

Kavya Jayanthan
Srinidhi Mohan
Vaishali Suresh

The Department of Genetic Engineering, SRM University, hosted the 2015 edition of the Indian Genetic Congress, at the Dr.T.P.Ganesan Auditorium.

The programme commenced with an inaugural ceremony where Prof. M.S Swaminathan, Father of Green Revolution and Founder of M.S. Swaminathan Research Foundation gave an enlightening lecture on Zero Hunger Challenge and its objectives. He elucidated the different approaches to the field of genetics, from the basic Mendelian experiment to the biofortification of crop plants. Prof. Harald Zur Hausen - Nobel Laureate in Physiology and Medicine 2008, German virologist accredited with the discovery of Papilloma viruses that causes cancer of the cervix - delivered the inaugural Nobel Laureate Lecture, 'Prevention of Cancers Linked to Infections.' He is the 7th Nobel Laureate to visit the University. Post



Dr.M.S.Swaminatan being Presented with a memento by the President of SRM University with the Registrar looking on

lunch, guest speakers lectured on various topics related to the Human Genome Project. The day came to a close with a cultural programme - where the Genetic Engineering students showcased their extracurricular talent.

The second day of the event began with an insight into human genetic disorders in a lecture delivered by Dr. Sudipto Roy, Institute of Molecular

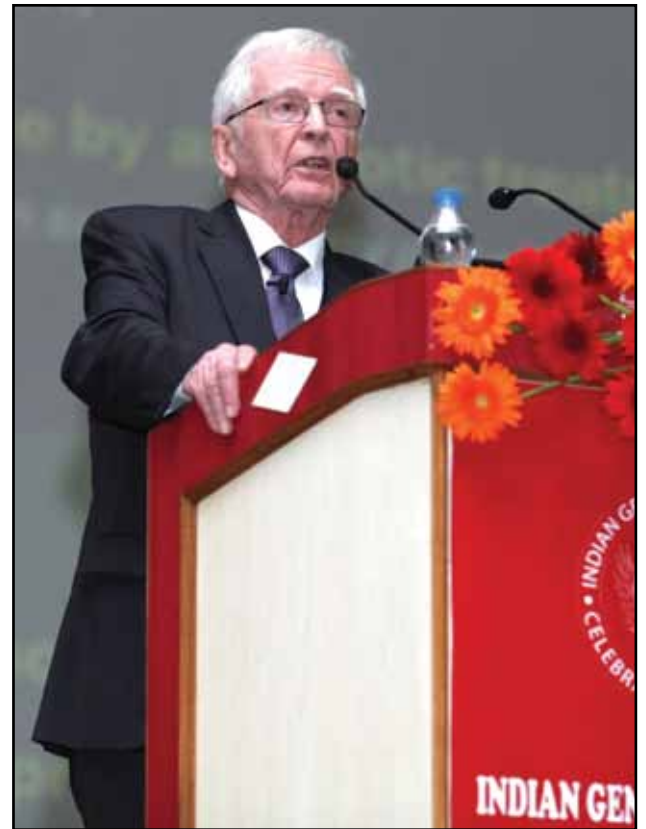
and Cell Biology, Singapore. Subsequently, Dr. Rajiv Ahuja of TATA Consultancy Services spoke about solutions to manage and analyse genomic data. The main fields of discussion and lectures held primarily revolved around Plant, Animal and Microbial genetics

On the third day, Dr. Siva Prakash Ramalingam, John Hopkins University Baltimore, lectured on cell based therapy

using genetically correct stem cells. The Congress was supported by 767 registered delegates. 149 research articles were submitted and selected articles were published in BMC Biotechnology – the prestigious biomedical journal.

The conference allowed researchers, students and academicians to come together for productive discussions and presentation of new results. The

interdisciplinary nature of the conference allowed the academic community and the crop of young researchers to understand the applications of Genetics in various fields and interact with speakers regarding future research activities. The turnout and overwhelming response received are a testament to the grand success of the event.



Nobel Laureate Dr. Harald Zur Hausen



Scenes of the three day conference

E-LUMINATE - Educating God's Own Children

Bipul K Lohia
Shruti Ganesh

Undertaking a humanitarian initiative, SRM-kzilla (Mozilla Club of SRM University), organised a visit to "Safe India", an orphanage in Villivakkam, Chennai for a day of interaction and games with the children.

The intent was to create awareness and interest among the young minds about computers and their applications.

The event took off with the story of Charles Babbage and a brief history of computers, followed by a cartoon show through a projector to keep the children engaged.

During the course of the visit, they were also taught to paint using computers leading to an interactive session on HTML

and CSS where they could learn picture presentation on the web.

Turning the excitement up a notch, a drawing competition was conducted in which the children were asked to use their imagination. The drawings presented by them varied from rural scenery to wild animals and atypical things like kaleidoscopic patterns and outlandish flowers. The winners were awarded with drawing books and a set of crayons to further stoke their creativity.

The day ended with donations in the form of first-aid kits, snacks, stationary and mosquito repellents provided to the orphanage administration and a promise to the kids that SRM-kzilla would be back soon, next time with more fun and activities on-board.



Involving, Solving and Evolving - Konvolve 15

Khushboo Agarwal
Tryphena S. Augustine

The final phase of the third edition of Konvolve (2014-15), an Intra-SRM multidisciplinary project competition and exhibition, was held at SRM University, Kattankulathur in the last week of February. The event spanned for a period of seven months with the first phase having started as early as July 2014. The event aimed to inspire minds from across the various fields to come up with innovative ideas and find real world solutions.

The event consisted of a six-phase evaluation process which narrowed the number of initial participants from

198 down to 34. The final results were declared based on the aggregate score over the six phases and scores by the guests and SRM professors. The guests included Industrialists, Mr. B. V. V. Rao, Proprietor & Director, Shubkruthi Packing Pvt. Ltd India; Mr. Mohamed Saleem Zackria, Director, Dynamic Corner Ltd, UK; and Mr. Mohammed Gane, SuperTech Solar Systems, Kanchipuram, Tamil Nadu.

Khushboo Agarwal and her team 'Fifth Sense' were crowned the winner of this edition. Their exhibit, 'Assistive System for People With Multiple Impairments', aids people who are deaf and visually impaired; it converts hand

gestures to text on-screen, and proposed an inexpensive braille printer prototype. The team included Jaspreet Singh Roar of ECE, Sparsh R. K. Lathe of Mechanical, Anshul Nalin of ECE and Aditya of CSE. The second prize was given to Saloni Verma, of team 'Trem Cast', with prototype for 'Essential Hand Tremor Suppression' and the third prize went to 'Care-O-Bot', which prototyped a 'Medical Assistance Robot'. Special award, 'Innovations at SRM', was shared by two teams: 'J.A.S.S', mobile application for student monitoring and 'Xense', FM based advertisement board. Cash prizes worth over fifty thousand were distributed to the winners.



Children from "Safe India" posing with SRM-KZILLA.

Celebrating the Life and Theories of Ramanujam

R. Yazhini Priyadharshini
Khushboo Agarwal

Students of the Faculty of Science and Humanities came together to plunge into the world of Mathematics during the national level Mathematical fest "Altitudes 2015", held on the 17th of February at the Dr. T. P Ganesan Auditorium. The function was chaired by Dr. T. Venugopal, Director of Research and Publications Department from SCSVMV University, Kanchipuram who also inaugurated the function and felicitated students in the field of Mathematics with medals and prizes.

To instil a sense of collaborative and creative problem-solving techniques among students,

the Head of the Department, Professor M. Shanmugasundari, initiated events like paper presentation, poster making competition, dumb charades and mathematical modelling. With a mission to unravel the analytical, logical and reasoning skills, the events saw a fair number of students and teachers participating.

The poster making competition



saw a good turnout as students were seen expressing their love for numbers and patterns with colours and eye-catching slogans. Dumb Charades was entertaining as students' communication skills and team bonding were put to the test, whereas paper presentation and mathematical modelling saw many ideas being put across. The teachers helped in organising the events and boosted the contestants' confidence throughout.

Finally Dr. J. Jothikumar, Associate Dean, Faculty of Science and Humanities and Dr. Sridhar Krishanswamy HOD, JMCE delivered the vote of thanks and congratulated all the students for their performances. The event came to an end with the prize distribution ceremony.



International Women's Day celebrations

Staff Reporter

The International Women's day was celebrated on the 9th March 2014 at T.P.Ganesan auditorium at SRM University. The Chief Guest for the programme was Dr.Kamilini Sridhar Retired HOD, Department of Anesthesiology, Madras Medical College. Dr.Jayshree, Dean, Faculty of Management, welcomed the women who eagerly

participated in the events. The students entertained the staff with their performances. There was a dance drama that was presented by the teaching faculty members. A series of games were also conducted for both the teaching and non teaching staff members. The event was organized by the committee members of the Women's Grievances Redressal Cell.

Kicking Into High Gear

Priyanka Murali
Adrian Pereira

“Competition makes us faster; collaboration makes us better.”- Anonymous

The SRM SAE (Society of Automotive Engineers) collegiate club hosted ‘SRM SAE Week’ from the 23rd of February to the 5th of March, 2015. The SAE has over 635 registered members on campus. The club hosted a series of technical events for its student members.

The events were designed to challenge students to come up with innovative and effective ways to solve various design problems. A total of ten events were hosted over the course of the week. The events included, Air Propulsive Rush: an exacting challenge where contestants had to build a vehicle that can travel

both on air and water using air propulsion, the products of which were tested in the water fountains on campus. There were offbeat events like, Perfect Balance, where students were required to engineer a container that could withstand a two-story drop while leaving its contents unscathed.

Another eye-catching event was Hydrabot: where participants were made to construct a hydraulic crane capable of shovelling sand and manoeuvring small objects through an obstacle course. Other events included welding competitions, design competitions, technical quizzes and treasure hunts wherein students were provided a platform to showcase their technical expertise. The winners were awarded with certificates and cash prizes.



Resplendence 2015

Staff Reporter

It all came to an end today with the felicitation ceremony of the annual sports meet of SRM University Ramapuram, Resplendence' 15. The Dean welcomed the gathering and the Registrar presented the bouquet and memento to the chief guest, Mr. Ashok Kumar Dass, IPS, IGP (Economic offenses wing). The registrar then addressed the gathering stating the importance of sports and methods by which the institute inculcates values to its students by means of sports.

The chief guest being a gallantry and bravery award winner and the presidential award while having worked in the STF as SP during the Veerappan operations spoke about honesty and how students should balance studies and sports in a disciplined manner. He also shared his memories of traveling to various places and advised the students regarding safety measures in driving. The physical directress then started the prize distribution with the chief guest, the Dean, the Registrar, the VP-admin and the VP- academic giving

away the prizes. The faculty members who participated in the games also received their awards.

Senrith of Prithvi house was crowned the individual champion for boys while Akshaya set a high mark by winning the individual champion girls. Agni house but came the champion this year with their captain and vice captains receiving the rolling shield. The president, secretary and head coordinator were also felicitated for the services that they extended for the success of yet another year of sports.



Students testing air propulsion vehicles in the water fountain

Semester at Sea... My Experiences

Aishwarya.R

‘Inter-cultural communication in a sphere of education is difficult and complicated’, is what I thought before Semester at Sea happened. One of the best experiences of my life, I would say, because it taught me a lot. Usually, education is all about how we learn what we learn and how we incorporate that in our lives. But this is different! The Semester at Sea community with over 700 students and 30 faculties from 70 different countries, is a dream come true for everyone who wishes to experience learning in a different way. They travel to about 15 countries in one full semester, beginning at San Diego and finishing at Europe. The ship, M V Explorer, is a floating university!

I was lucky enough to join the family as an inter-port student representing India on the Spring 2015 voyage from Yangon, Myanmar to Cochin, India for a span of two weeks. It was a wonderful and fruitful journey! Rotary Clubs in Chennai call for applications of students who are affiliated to Rotary and they conduct an interview with 10 panelists before they make their final choice. That is how I got in! Being a Journalism and Mass Communication student made it a little easier for me to interact with students on board. It was indeed a great cultural treat because you could learn different perspectives on various topics. That really fascinated me. The strange thing was, people actually thought that Indians wouldn't be that well-versed in English! My job

as an inter-port student began there! It was our duty to give them an Indian's perspective on things. I was asked to guest lecture in classes like Methods of social inquiry, Impact of globalisation on Indian families, Caste system in India, Popular music cultures of the world, World theatre and performance, Global environment politics, Marriage system and Journalism in India. It was a great learning for me as well to know what they think and how India is portrayed in media abroad. It is only when you interact with different cultures that you learn more about yours. The mosaic was very interesting I felt so proud about my country and I made them believe the same. When we landed in India, they loved the country because they knew what they were going to experience and how fascinating it would be!

Life on the ship is like a new world. Busy students, hard-working faculties, cool deans and directors, delicious food,



amazing crew, strict security, active environment, dance and fitness classes, and much more! The way they treat us is something that one cannot forget. People on board the voyage are pampered and taken care of like family. I enjoyed myself so much that I never forget to relive each of those moments

every single day! I feel it's a great opportunity for all those who believe in inter-cultural adaptation and love to learn in a different way. I would not have been there without the support of my director, HOD and faculty members. I take this opportunity to thank them for their encouragement and support!

Pictures Speak

March 24, 2015 was yet another milestone at SRM University the 10th Convocation. The day was of mixed emotion for graduating students, their parents and sibling. Here, a snapshot of the day's event including a photo of the entire teaching faculty of SRM University with the Chief Guest, Union Minister Dr.Harsh Vardhan





SRM-Pura Organizes Faculty Development Program

Shubham Sahu
Tuhina Das
Nandita Adityan

The Computer Science Department organized a two day faculty development program for the faculty members of various Engineering colleges, Research Scholars and Post Graduate students. It highlighted an IT resource project providing services like IT skill empowerment, farmer's guidance, women empowerment, health care services, E-Governing and E-learning to around 14 villages

nearby. The event was inspired by PURA – Providing Urban Amenities to Rural Areas, a development scheme initiated by India's former President Dr. APJ Abdul Kalam.

The chief guest Dr. P.M. Udani, a former Scientist from ISRO and a pioneer in establishing village resource centers in Gujarat and Tamil Nadu under ISRO-VRC, commended SRM University for taking up such an initiative. Talking about a few real time case studies on the work done by ISRO and the vision of ISRO-VRC,

he paved a path for the SRM PURA team members to take the project to the next level. Dr.



K. R. John of SRM Hospital threw light on the work done by SRM Hospitals Community Medicine Department.

On the subsequent day of the event, Dr. Geetha Premkumar, Director of Vectorindo Janix Pvt. Ltd and Mr. Jegan Karuppiiah, a scientist from M.S. Swaminathan Research

Foundation incited the audience with their words of wisdom. Mr. Sanjay Bharatwaj from Neuro Synaptic Communication Pvt. Ltd, Bangalore and his crew demonstrated REMEDI Medical kit, which is used across the world to provide tele-medicine services. The day concluded with Dr. Eevara's lecture on "Agriculture Services".

Finally, the student members of SRM-PURA team expounded over the work done by them for the implementation of their modules, which included E-Learning, E-governance, Agriculture, HealthCare, IT Empowerment and Women Empowerment. The two days event of SRM PURA FDP spoke volumes about the use of technology and unity in catalyzing India's development.

Designing Analog and Digital Circuits using Cadence Design Suite

Staff Reporter

The Department of ECE, Kattangulathur campus conducted a Faculty Development Program (FDP) on 'Physical Design of Analog and Digital circuits using Cadence Design Suite'. The purpose of the FDP was to impart onsite training on Cadence EDA (Electronic Design Automation) tool for the faculties, Research scholars and Post Graduate (PG) students for aspiring Very Large Scale Integration (VLSI) careers. Cadence design suite software is used to design VLSI chips and printed circuit boards, as well as Intellectual Properties (IP) covering a broad range of areas, including interfaces, memory, analog, Silicon on Chip (SoC) peripherals, data-plane processing units, and

verification. This program provided training approaches leading up from VLSI basics to industry relevant skills. Over 20 faculty members and 10 PG/Research scholars from various engineering institutes participated in the program.

The Chief Guest of the day, Mr. Wilson Andaraj, General Manager Alcatel – Lucent inaugurated the programme. He spoke about the challenges in the microelectronic circuit design and opportunities in the field for aspiring graduants among many other topics. The experts from Cadence Inc., Mr. Bhuvan and Mr. Manjunatha conducted the practical training on tools like Encounter, RC and Virtuoso. The feedback from the participants was encouraging and many of them requested for an intensive workshop on the same theme.

An Amalgamation of Research and Ideation - ICOPIC'15

Kavya Jayanthan
Shruthi Vatsyayani

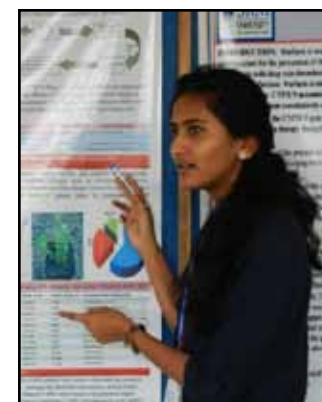
Chemometrics is the science of extracting information from chemical systems by data-driven means. The College of Pharmacy recently held ICOPIC'15 - International conference on Perspectives in Chemometrics, 2015 from the 10th to 12th of February. The first edition of the event took place in 2011 jointly with the University of Bristol, U.K and CEERI, Pilani and was sponsored by ICMR. This was the second edition of the International Conference on Perspectives in Chemometrics (ICOPIC).

Around 300 participants from around the world participated in the event. The conference included the presence of several

eminent national and international speakers. The conference witnessed the active participation of numerous enthusiastic students and faculty. The event also had poster presentations, abstract presentations, lectures and demonstrations.

The primary objective of the conference, apart from providing an opportunity for students to interact with well-seasoned academicians, was to bring together Chemometricians to present and deliberate on recent developments in Chemometrics.

The interdisciplinary nature of the conference allowed the academic community and also the new crop of young researchers to understand the applications of chemometrics in various other fields and to interact with the speakers



regarding different topics.

The Conference covered important topics such as Chemometrics modelling, Calibration, Variation and Prediction, Principle component analysis and an array of other budding topics. In addition, it also enunciated on the significance of chemometrics in research and analysis.



Students interacting with the international speakers at ICOPIC '15

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**



The 4ze racing team

Unveiling of Wonder Car by 4ze Racing

Khushboo Agarwal

Since its inception in 2012, 4ze Racing team has been working relentlessly towards designing a car with the motto - "For Zero Emission". On 20th February, at the Center of Automobile Excellence, the team comprising of 40 students stood tall, rolling out their first 100% electric racing car, Voltaic.

The car has a rear-wheel

drive, which weighs about 320 Kg. It has been powered by a Lithium Polymer based battery in 40S1P configuration at 148 volts, which offers a maximum speed of 110km/hour. This car can run up to a maximum of 23 km on full charge. The team is all set to test this car for an international formula racing team event to be held in Italy this September.

The event saw a huge turnout

including various industrial sponsors, auto consultants, faculty members from various departments, parents and enthusiastic students who waited eagerly for the unveiling of this dream car. Dr. C. Muthamizhchelvan, Director (Engineering & Technology) was present at the event and commented that it has been a pleasure to see the team grow in terms of strength, confidence

and ideation. He also said that hard work and patience has played a key role in making this dream become a reality.

Former team captain, Safeer Usman of the 2013 batch was thrilled to see their prototype come to life as Voltaic. In conversation with the present team captain Sai Krishna, he said that the result of all the late nights in the lab had paid off well and that the car was

more than perfect. He also stressed on the importance of harmony among all the domains in completing this project.

The team is now back in its testing phase for their upcoming international event. To make a mark on the race track in Italy, the team needs to fair well in both static and dynamic events which include Skid Pad test, Business logic case and Endurance test.

Keep up basics of profession in Hotel industry

Staff Reporter

Every profession has basics which its pursuers must always follow, said Manjit Singh Gill, corporate Chef at ITC Limited while speaking at programme 'Becoming a Chef' organized by SRM Institute of Hotel Management, a constituent of

the SRM Group of Institutions in association with Indian Federation Of Culinary Association at SRM University, Kattankulathur premises here today.

The event was a platform where young Chefs interacted with veterans to know more about the nuances of the culinary profession. Understanding the ingredients better, focusing the

mind on cooking, undertaking the work with a mind of good thoughts are the basics that rule the Chef profession.

A good hold on the fundamentals would strengthen basics and pave way for a good career, he said. It is these primary elements that make all the difference, lack in them can show itself on final output of cuisines. The other key element to become a good Chef is to develop a strong passion and interest for the profession. One

has to understand cooking and its relation to a healthy life, he said.

While cookery shows over television have helped popularizing the Chef profession, lot of technique is generally involved behind making of the dishes shown there. And a good Chef has to ensure he masters the technique, said John Clancy, assistant head of School of Culinary Arts and Food Technology at College of Arts and Tourism at Dublin Institute of

Technology in Dublin. SRM University Chancellor Dr. T. R. Paarivendhar said the though the demand hospitality courses and Chef profession in particular was less in comparison to courses like engineering, things are changing for better in that sector as it offers bright career prospects with good pay packages and emoluments. Director SRM Institute of Hotel Management Anthony Ashok Kumar said with the rise in number of hotels and in hospitality sector has created better career prospects for students of hotel management and hospitality courses.

A good hold on the fundamentals would strengthen basics and pave way for a good career



The delegates of the INTERPOL council actively taking part in the debate session

SRM MUN'15: The UN of the Past, the Present and the Future

Priyanka Murali
Akshay Kalyan

Model United Nation is an academic simulation of the UN. Here, participants portray the role of diplomats representing various countries or NGOs. They put forth diverse agendas on the world's social, economic and political issues, and lobby for international support, so as to maintain world order.

This year's 4th edition of SRMMUN saw the participation of over 550 students from various colleges across the country. It consisted of eight councils, namely UNGA-DISEC, UNSC, UNIC, UNHRC, UNECOSOC, AU, INTERPOL and JCC.

"Peace is a fragile equilibrium," said Valay Dave, delegate of Guatemala making a resounding opening statement at the ECOSOC. The participants pitched in on a wide array of issues hoping to find that perfect balance between national interests and global cooperation. The delegates suited up and indulged

in intense debate sessions. While the AU, African Union aimed to resolve civil conflicts in Africa, the UNSC, United Nations Security Council hoped to draw mankind away from World War 3. SRM MUN'15 also saw the addition of two atypical committees this year. One of them, the Joint Crisis Council (JCC), took us to the past. It dealt with the 1979 revolt in Iran. The second, UNSC, took us to the future. It was a simulation of the Security Council in the year 2040.

The executive boards of this year included a number of proficient debaters who were pleasantly surprised at the enthusiasm and dexterity of the participants, most of whom were first timers. "They appear to be very well researched and confident," said Sharannya Pillai, a member on the organizing committee of UNGA-DISEC.

The event concluded with the closing ceremony, where the best delegates were felicitated with awards and cash prizes,

Extremal Materials For Specific Applications - Director, DRDO

Staff Reporter

The 3rd National Conference on Hierarchically Structured Materials (NCHSM 2015) was organised by Department of Physics, SRM University, Ramapuram campus on 25th and 26th Feb 2015. The conference was sponsored by Defence Research & Development Organization (DRDO), Ministry of Defence, New Delhi.

Dr. V.Subbiah Bharathi, Dean, SRM University presided over the inaugural function and released the conference proceedings. He outlined the importance of gathering people to work for the development of science and technology. The Chief Guest Dr. K.Muraleedharan, Director (Technical) Materials, DRDO Head Quarters, New Delhi delivered the inaugural address. In his inaugural speech he emphasised the effects of hierarchical structures on the properties of materials. He further added that the physical properties of extremal materials are tailored for specific applications.

Dr. L. Sudha, Professor & Head, Department of Physics and Convener of NCHSM 2015 welcomed the august gathering and presented the overview of the conference. Dr. L. Antony Michael Raj, Vice Principal, SRM University felicitated the delegates and organising committee. Dr.P.Parameswaran, Chairman, Indian Institute of Metals(IIM),Kalpakkam

Chapter, Indira Gandhi Centre for Atomic Research (IGCAR) graced the occasion as Guest of Honour. He delivered the special address and a scintillating plenary talk on Electron Microscopy Characterization for Nanomaterials.

Scientists, researchers and students from premier institutions and organisations shared their perspectives on a wide range of topics like Nanohybrid structures, Nano Fluids, Functional Nanoporous metallic materials and Micro/ Nano structured biofunctional implants. Dr.R.Jayavel, Director, Centre for Nanoscience and Technology, Anna University, Chennai, Dr.Dhanalakshmi Sathish kumar, Scientist-F, Metallurgy lab, Manufacturing Division, Combat Vehicle Research & Development Establishment(CVRDE),Avadi,Chennai, Dr.R.N.Viswanath, Ramanujan Fellow, Surface and Nanoscience Division, Materials Science Group, Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam, Dr.T.S.Sampath Kumar, Head,Medical Materials Laboratory,Department of Metallurgical & Material Engineering, IIT Madras, Chennai, Dr.I.Hubert Joe, Centre for Molecular & Bio Physics Research, Department of Physics, Mar Ivanios College, Thiruvananthapuram, Kerala, Dr.D.Paul Joseph,Department of Physics, National Institute of Technology, Warangal, Dr.N.Vijayan, Scientist-F, Crystal

Growth and Crystallography Section,National Physical Laboratory,New Delhi, delivered their lectures and motivated the young researcher for technology transfer.

The Dean, SRM University motivated the budding research aspirants while delivering valedictory address by quoting the meaning of research and how researchers have to work for benefit the society. Dr.N.Vijayan, Scientist-F,Crystal Growth and Crystallography Section, National Physical Laboratory, New Delhi stressed the importance of research work in the field of hierarchically structured materials and mentioned that the conference conducted would immensely help the academic community to share their knowledge.

Papers selected for oral and poster presentations were published in the proceedings with ISBN number. Based on the thrust areas of conference, the best oral and poster presentations were awarded to the budding scientists to motivate their interest on research. Research scholars and scientists from leading Universities and R&D laboratories participated and presented their research findings on the thrust areas such as Nano Materials, Crystal Growth and Characterisation, Magnetic and Semiconducting Materials, Material Characterisations, Electronic Structure of Materials, Thin films etc.

Aurganon 2K15

Staff Reporter

A National level Technical Symposium AURGANON2K15 was organized by the Department of IT, SRM University, Ramapuram Campus Ms.Pushpalatha Annavi, Deputy General Manager of Volvo India (P) Ltd., graced the occasion as the chief Guest. Welcoming the Chief Guest and other dignitaries, Mrs.R.M.Rani, Head of the Department/ IT the welcome address.

The special inaugural address of chief guest included the trend setting topics like BIG Data, Cloud Computing, IoT, Mobility and the current industry expectations which will motivate the students in their future. The function was presided by Dr.V.Subbaiah Bharathi, Dean, SRM University, Ramapuram. The felicitation address was given by our Vice Principal Dr. L. Antony Michael Raj. The University Toppers, Project club members and AURGANON2 core team members were appreciated

with medals, trophy and merit certificates. The function ended up with the Vote of thanks by Mrs.R.Mythili, Event organizer.

The various technical events included Paper Clave, Technical Quiz, Code debugging, Web Designing, Dumb C, Photography & Short Film, Super over & 5S Football and Workshops on Cloud Computing & Android Fix. A total of more than Total of 250 students from 20 colleges participated and shared their knowledge.





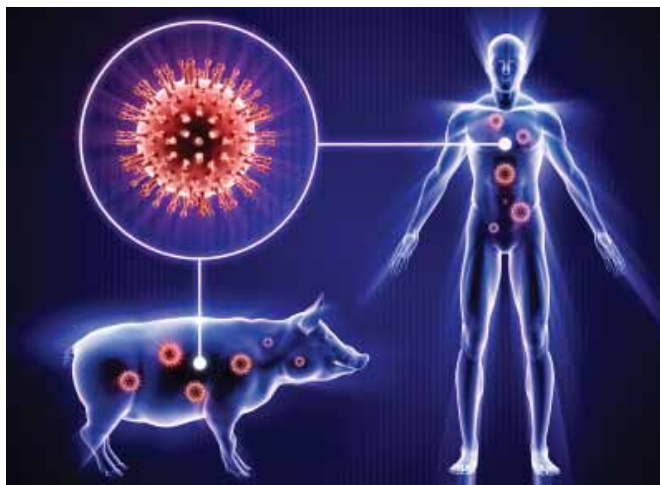
The Founder Chancellor of SRM University with the Chief Guest

No new drugs to combat drug resistant super bugs

Staff Reporter

With the increasing spate of new outbreaks such as swine flu (H1N1) posing greater health insecurity in many countries, there is a growing need felt for developing new drugs and vaccines for effective health management. This is particularly important for countries like India which have a heavy disease burden in particular of neglected diseases such as TB, Malaria, Kala azar, Dengue, Chikungunya, and Japanese Encephalitis. While no doubt billions of US dollars are being expended towards developing new drugs through New Chemical Entities (NCE), the number of successful drugs, however, coming into the market is abysmally low. What is more alarming is the fact that increasing number of first, second and third generation antibiotics are prone to microbial resistance, leaving no option to save lives of those affected by drug resistant super bugs.

In order to address this issue, a host of international experts from Australia, Italy, Japan, Singapore, Switzerland, UK and the USA as well as members of the scientific community from India viz CSIR, DBT, DRDO, DST, ICMR, UGC, DoHR converged here in New Delhi at the International Conference on 'Antimicrobial Resistance, Novel Drug Discovery and Development: Challenges and Opportunities' jointly organised by SRM University Haryana and IAMPV at the India Habitat Centre on March 2-3, 2015.



The Conference also included representatives from some of the leading pharmaceutical companies and several inter-governmental agencies such as DNDi and MMV, Wellcome Trust and WHO.

With more than 400 eminent scientists participating, the thrust of the Conference through various technical sessions remained the impact of indiscriminate use of existing antibiotics in India and the world which has led to development of antimicrobial resistance, thereby, exhausting the options available for the management of many human and animal diseases. The Conference underscored the sense of urgency among developing countries like India to sensitise scientists, medical practitioners, pharma industry, custodians of the public health system, and public at large on the increasing non-availability of suitable drugs for patients with MDR, XDR and CDR and therefore, re-orient the priorities of research and development for

management of antimicrobial resistance.

The Conference was inaugurated by Hon'ble Minister of State for Science & Technology & Earth Sciences Shri Y.S. Chowdary and presided by Dr. T.R. Paari Vendhar, Hon'ble Founder Chancellor, SRM University. The Conference souvenir was released, exchange of MoUs with SRM University Haryana and Daiichi Sankyo India / University of Pennsylvania, USA / Chiba University, Japan and IAMPV Awards were distributed at the Inaugural Session on March 2, 2015 at Stein Auditorium, IHC, New Delhi. The conference was concluded with a valedictory function on March, 3 afternoon with Dr. V.M. Katoch, Former Secretary, DoHR & Former DG-ICMR as Chief Guest and Dr. V.K. Subburaj, Secretary, Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers, Govt. of India as Guest of Honor and presided by Prof. S. Rajarajan, Vice Chancellor, SRMUH.

Students Become Lifesavers

**Vaibhav Sharma
Adrian Pereira**

DATRI, a non-profit organization, has been instrumental in combating several blood disorders like leukemia, lymphoma and blood cancer across the nation through the technology of Peripheral Blood Stem Cell (PBSC) Transplantation. DATRI conducted an awareness program at SRM's Kattankulathur campus in order to familiarize the students with the programs undertaken by the organization as well as the technology adopted by them.

With a history of over 73000 registered donors and 4083 transplantations in India and Saudi Arabia since its formation in 2009, the organization sought to incorporate volunteers for its cause. The event was

coordinated by 20 students from the department of biotechnology. The awareness program was held on the 4th of February and a registration program on the 5th of February. The registration encouraged students to sign up and aid the organization in their endeavours.

Ms. Kavipriya from DATRI was delighted with the support received from the students of the university and was quoted saying, "We are very proud to declare that our efforts at this esteemed university met with a support of 418 noble people. It would not have been possible without the strenuous efforts of the coordinators here. We are also very pleased to proclaim that the support we received exceeded our expectations by a tremendous margin."

Evoking Nostalgia - The ICE & EIE Alumni Meet

**Gaurav Sinha
Shashank Jacob**

SRM had on their growth personally and professionally.

Education is not only the driving force for a leader to move forward, but also the motivation to look back and reflect. The 2015 Alumni meet for the ICE & EIE Departments served as a glimpse of the past. The meet was attended by former students of all previous batches who were welcomed by their juniors and faculty.

The program was kicked off by Dr.A.Vimala Juliet (HOD of ICE), Dr. A.K. Jayanthi (HOD of EIE) and Prof. R. Venkataramani (Director of Campus Life) who greeted the alumni and expressed their pride for the students' accomplishments after college.

The alumni were then invited to share their experiences with the audience. During this interaction, the alumni regaled everyone with tales from their student days and reiterated the positive influence

Following this, a cultural program organised by the students was held, consisting of a group song by the students of the ICE Department. They also went on to perform a group dance to a medley of Bollywood and Kollywood songs. A play titled, "The Dollar" was staged as well.

The students of the EIE Department also participated in the event with much gusto. They entertained the audience with vocal, musical and classical dance performances.

The event concluded with a fashion show highlighting the multicultural environment in SRM.

"Life at SRM taught me important lessons about friendship, morals and education. It was wonderful to return here and see all the familiar faces." said one of the former students.





The Valedictory Function

SRM University's 1st Entrepreneurship Carnival – Commencia '15

Aashish Boddeti
Razaaq Saheel

We all dream of changing the world and creating a better future with infinite opportunities, where no barrier is too high and no task too big. And among us, the highly idealistic and driven people who actually end up realizing these wishes are entrepreneurs or to put it simply, people who thrive on ideas and execute them to make this world a better living place.

The Visionate Club, SRM University in association with TiE, Chennai, in a bid to recognize the entrepreneurial talent among young college students and plant the seed of enterprise in their untapped minds introduced the inaugural edition of Commencia, an entrepreneurship carnival dedicated entirely for exhibiting startup ideas and developing the

entrepreneurial ecosystem in the university. COMMENCIA was formally inaugurated in the presence of the Chief Guest Mr. Satish Chamylumani, Founder and CEO of Atchayam FoodBox. The event spanned over three days from 19th to 21st of February.

With a tag line that stressed on the three prerequisites of Entrepreneurship - Ideate, Create and Motivate, the carnival came up with exciting events as Startup-Expo, Techpreneur, Franchise It, Dream Ipl And Entrepreneur of The Year etc. Apart from the 10 events, the carnival also included guest lectures, panel discussions and a 'workshop on stock markets. 'Entrepreneurship without borders', a particularly thought provoking event, brought to light the daily problems of laborers

working on the campus and tasked the participants with coming up with creative and effective ways to solve them. Despite being in its founding year, the events witnessed a turnout of a whopping 600 plus participants from SRM and other colleges within Chennai. The valedictory function was held on the 22nd of February and featured guests such as Prof. P. Satyanarayanan (President of SRM University), Mr. J.Krishnan (MD & CEO of Unimity Solution), Mr. Venky Rajendran (Franchise Owner of Pizza Republic) and the Registrar, SRM. Prizes were distributed to the winners of the respective events. The President, Prof. P. Satyanarayanan declared the carnival a success and expressed his desire for it to become an annual event.

Desafio- 2015

SRM B School, Vadapalani organized Desafio'2015 – a National level management meet recently. The event was inaugurated by Shri. K. Parasuraman, Director, Sammriddhi Leadership Academy. His inaugural address focused on motivating and directing the students in the right career path. The welcome address was given by Dr.S.Kesavan, HoD, SRM B School. Shri. M. Subramanian, Director, SRM University, Vadapalani Campus delivered his presidential address. Ms. Nandhini.N, Program

Coordinator, gave a glimpse on making of Desafio'15. The



L- R : Mr.Prabhu Sankar, Mrs.Sumathi, Dr.S.Subramanian, Mr.Muthuswamy and Mr.Mohan

inaugural session concluded with vote of thanks proposed by Ms.Mohana Sundari.V, Program Coordinator, DESAFIO 2015 of SRM University, Vadapalani

Bridge Design Workshop

Spectrum Reporter

ICI Student chapter, Department of Civil Engineering, SRM University, Ramapuram campus organized a Workshop on bridge designing on 5th and 6th February 2015. The workshop was a combined effort of Ark Techno Solutions and IIT, Bombay.

The two day workshop was inaugurated by our Dean, SRM University, Ramapuram. Dr.T.Ch. Madhavi, HOD/Civil Engg., welcomed the gathering and motivated the participants with a small reference to the story behind the construction of the Brooklyn bridge. Mr.Praveen Kumar from Ark Techno Solutions conducted the sessions. The workshop began with an introductory speech by our Dean telling the importance of bridge design. The opening ceremony was witnessed by Civil Engineering students of all years of Ramapuram campus.

Audience at a glance.

The two days work shop had four sessions. Day 1 Session 1 started with Introduction to bridges and continued with study of software on bridge design. The next day students participated in making of bridge models. In the concluding session, the models were subjected to testing and best models were shortlisted for participation in

the final round of competition to be held at IIT - Bombay

More than 100 students from different colleges participated in the workshop. The sessions were made interesting with presentations giving basic knowledge about the bridges, types of bridges and videos of some of the bridge failures that took worldwide. They were also showed videos on construction of Bandra – worli project in Mumbai. The sessions were interactive and impressive It was a friendly atmosphere. The presentation helped to understand the various failure pattern in bridges.

The second session on training with a software on bridge designs which was helpful in learning bridge designing. The second day began with the competition in which each team was allowed to choose any bridge design out of the 10 which they had made the design. Finally all the bridges were submitted after the time limit of 3 hrs. Five teams in total were selected. The winners of this competition qualified directly for the final round in IIT-Bombay. The members of the winning team of bridge design workshop conducted by SRM University, Ramapuram Campus. Utkarsh sood, Satish Pandey, Mohd. Irfan, Sainek sen



Campus. This was followed by a Panel Discussion on the topic "Taking Academics to Corporate" by Ms.Sumathi, Chartered Accountant, Mr.K.K.Mohan,

Product Delivery Manager, Infosys, Mr.Prabhu Shankar, HR Manager, INZI Controls India Ltd., Mr.Muthuswamy, Founder and Director, The F and B Company, along with Dr.S.Subramanian, Financial Advisor, Director, Mind Biz Projects & Training Pvt Ltd as Moderator for the whole session. They gave valuable inputs to the students on how to prepare themselves for their future endeavors in the corporate life from the student life. The inter-collegiate competitions took place on the second day. Around 250 students from 20 B Schools competed for the most coveted Desafio'2015 trophy.



Winning team with Dr.T.R.Paari Vendhar, Chancellor, SRM University with the Director of Sports.

A Volley for the Win - SRM Aces its Way to Victory

**Bipul K Lohia
Shruti Ganesh**

SRM University recently played host to the National Inter-University Tennis Tournament held from 29th to 31st January 2015. Four teams each from North, South, East and West Zone respectively battled it out. The tournament was subsequently held after the South Zone Inter University Tennis Tournament which saw the participation of 37 teams from 24th to 28th January 2015.

The three-day tussle finally ended when SRM University defeated Aligarh Muslim University with a score line of 3-0 and Sri Venkateshwara University defeated Punjabi University with a score line of 3-1, thereby establishing themselves as the best university tennis team in the country.

In the final standings, SRM University clinched the top spot and was followed by Aligarh Muslim University, Sri Venkateshwara University and Punjabi University respectively.

The winning teams were provided trophy by the Chief Guest, Dr. T.R. Pachamuthu, Chancellor, SRM University along with Dr.K. Vaithianathan, Director of Sports.

A special panel of judges were appointed to recognise and select the 5 best players amongst the various teams who will go on to represent the Association of Indian Universities at the World University Competition organised by Federation of Inter-University Sports in South Korea later in July 2015.

Bridging the gap between appearance and reality

Staff Reporter

Mathematical models enable us to make precise calculations and predictions; they serve as analogies and conceptual frameworks that lead to new discoveries; and they bridge the gap between appearance and reality. Their success implies that the universe has a mathematical structure.

Modeling is a learning environment where students are invited to inquire and investigate,

situations arising in other areas of knowledge by means of Mathematics. To achieve this, engineering students should learn to visualize the abstract concepts of Mathematics and learn to apply them in their respective domains. To understand the applications of Mathematics in Engineering, Department of Mathematics, SRM University Ramapuram campus, has organized "An interdisciplinary Mathematical Modeling Competition based on Engineering Applications" on 03.03.15 for the students. More

than 100 teams were registered, out of which selected 50 teams participated with many innovative ideas. Dr. K. C. Shivakumar, and Dr. V.Vettrivel, Professors, Department of Mathematics, IIT Chennai have been the judges. While announcing the prizes, the judges mentioned that the models displayed in the competition were of high standard and advised the students to continue their efforts. They appreciated the Department for conducting the competition, thereby initiating the students to learn the applications of Mathematics in Engineering.

Dr. V. Subbiah Bharathi, Dean, congratulated the Department of Mathematics for encouraging the students to think beyond the curriculum and said that it is very important for the students to understand the importance of Mathematics in Engineering. Rohith Dubey and Team of EEE Department won the 1st Prize. Shubham Bajaj and Team of Civil Department won the 2nd Prize. Sai Nivetha and team of Mechanical Department, and Vignesh R and Team of ECE Department shared the 3rd prize.



Abhigyan '15

Staff Reporter

The technical terranova of the ECE department of SRM University, Vadapalani, Abhigyan a National Level Technical Symposium of students was conducted on 25th and 26th of February 2015. HoD of ECE Dr. C.Gomathy cordially welcomed the gathering. The official Abhigyan video was released capturing the attention of the gathering and received a thundering applause. The chief guest unveiled and inaugurated the Abhigyan 2015 Thematic Picture, which highlighted the improvised form of living, which is solely due to technological Innovations. Staff coordinator Ms. A Shirley Edward gave a brief report on the previous editions of the symposium. Dean (E&T) Dr. K Duraivelu gave an insight on 'Abhigyan' and he wanted the students to understand the importance of such events and encouraged the students to participate. Director (campus), Mr.M.Subramaniyan appreciated all the students who had submitted papers and projects for the event. Controller of Examinations Dr. S. Ponnusamy gave a short introduction about the chief guest of the hour recollecting his achievements and honours. He was also very motivated by the theme and suggested to conduct more fests and symposiums.

The chief guest, Mr. B. Sai Ramesh inaugurated the Abhigyan'15 and he was kind enough to share few of the current technological advancements he deals with in the energy sector. He gave us a detailed explanation about LNG (Liquified Nitrogen Gas) and its implementation

Dr.APJ Abdul Kalam on leadership which deeply perfected the students perspective towards teamwork and leadership

for sustainable development. He ended his keynote with an inspirational video by Dr. APJ Abdul Kalam on leadership which deeply perfected the students perspective towards teamwork and leadership. After the keynote ended, the souvenir of Abhigyan 2015 was launched. The symposium had events like Tek-thesis(paper presentation), Pariyojana(project exhibition), Hackathon (microcode programming), Stratagem (circuit debugging), cerebra (quiz), online photography, Blitz krieg (gaming) and many more non-technical events. Workshops on Mobile application development for Android phones and Embedded Processors in FPGA were also organized as part of Abhigyan. Nearly 800 students from all over the country took part in the symposium. The symposium concluded with valedictory function at 4 p.m on 26th February 2015. Prizes and certificates were distributed to all the winners of technical/non-technical events by Campus Director, HOD/ECE and HODs of all departments.



FROM (Lto R) Ms. Shirley Edward, AP/ECE, Mr. Subramaniyan Director (Campus), Dr. S.Ponnusamy, CoE, Mr. Sairamesh, VP(Engg.) Technip, Dr. K.Duraivelu, Dean (E&T), Dr. C.Gomathy, HOD/ECE with Electrum Club Office Bearers



SRM Women Volleyball Team Won All India Inter collegiate Volleyball Tournamnet IIT , Chennai



SRM University Athletics Men Team Secured Overall championship in Tamilnadu Inter Deemed University Athletics Championship -2015



SRM University Table Tennis Men and Women Team won Tamilnadu Inter Deemed University Table Tennis Tournament -2015



SRM University Hockey Men Team won Tamilnadu Inter Deemed University Tournament



Recently SRM University Volleyball Men Won Two State Level Inter Collegiate Tournamnet at Theni & Otanchatram