



**SRM**  
UNIVERSITY  
(Under section 3 of UGC Act 1956)

# SPECTRUM

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*Mr.Ratan Tata being welcomed by the Founder Chancellor as the Vice Chancellor and Registrar look on*



*A faculty member being recognised on Research Day. Seen in the Picture are the Vice Chancellor, Founder Chancellor, the Chief Guest Dr.Rama Rao and the President of SRM University.*





*Scenes from the Special Convocation*

## Sunil Kant Munjal Conferred D.Litt at SRM University

Staff Writer

In the history of India there is no question of the fact that we have had notable educators and educationists; but there are enormous challenges in the realm of education today. “The reach is not enough and the mass of the reach is not working to quality expectation. We have to hone in on the realities of what is around us” said Mr. Sunil Kant Munjal, Joint Managing Director of Hero Moto Corp, the world’s largest motorcycle manufacturing company.

At a glittering ceremony at its Kattankulathur Campus, SRM University conferred the Doctor of Literature (Honoris Causa), on Mr. Munjal. He was honored with the D.Litt degree for his contribution to education, business and humanity at a Special Convocation.

“ ... there are 250 million people who do not have two meals a day. We have to make the difference and reach out ”

“We need to generate some One million jobs every month for the next 15 years; we also know that there are 250 million people who do not have two meals a day. We have to make the difference and reach out”, the top industrialist said while delivering his acceptance speech. “Forty one per cent of Indian

economy is external economy. We must continue to strengthen the local economy so that Indians can go forward”, he added. “We need to produce thousands of new leaders every year not just in sciences and technology but also in the liberal arts”, he said. “We need to be research thinkers, design thinkers and

innovators”, he added.

A forward looking thinker who goes beyond narrow confines of his group, Mr. Munjal has been credited with ideas and innovation that continues to benefit India. Seen as one of those industrial icons of the country who actively pushed for the acceleration of India’s economic reforms, Mr. Munjal consistently played a major role in evolving a mutually beneficial partnership between government and industry.

Mr. Munjal’s interest goes much beyond business and industry—he has placed education as one of his high priorities in the hope that the youth of India will soon push the country into a superpower of knowledge. Mr. Munjal has left a mark in the Indian educational map through the BML Educorp Services, a not-for-profit university initia-

tive, and being the intellectual and guiding force of the BML Munjal University. “It is a high honor for SRM University to confer the D.Litt on such a multi-faceted personality who has contributed not only to Indian industry and business but also to the cause of socio-economic development of the country as a whole”, said the Vice Chancellor of SRM University, Prof. Prabir Bagchi.

The Founder Chancellor of SRM Educational group, Dr. T.R. Paarivendhar presided over the Special Convocation. “We are enthused and encouraged in having the presence of Mr. Munjal. To students these kinds of personalities need to be introduced do as to be inspired and motivated. The interest of becoming an entrepreneur begins now”, the Founder Chancellor said in his welcome address.



## RESEARCH DAY @ SRM

# None of Cutting Edge Scientific Ideas Came From big Capital or government but from brilliant minds...Dr.Rama Rao

### Staff Writer

Stressing that the significance and value of scientific research is not measurable and that the devices available today are as a result of basic scientific research, Padma Vibushan Professor P. Rama Rao, the Chairman of the Governing Council of Indian Institute of Science, Bangalore argued that the Manhattan Project launched by the United States was perhaps the quintessential example of grand synthesis of knowledge, investment manpower under a magnificent leader. "That is what a Project is all about" Prof Rao told faculty, researchers and students on the occasion of SRM University's Research Day. "None of the cutting edge scientific ideas involved big capital or by government but by brilliant minds", the leading scientist of India maintained.

"I was delighted when SRM University's Chancellor and President spoke about the value

of Research and Publications. I have not heard about these themes or even Research Day in many universities. SRM scores very uniquely both in terms of a Research Institute and in having a Research Day", Prof. Rao said. "If there are more and more researchers, India has the potential of putting out 25 per cent of graduate students (post Graduate) in the world, he added. "America excels in individual freedom and pursuit of happiness as a key to their achievement and if we were to ask the question as to why we are not achieving like that of the United States and my answer would be that the United States created the world's greatest universities", he said.

There are at least three aspects to higher learning that would have to be factored in argued Professor Biswanath Mukherjee, Distinguished Professor of Computer Science from the University of California at Davis, USA—leadership and an

ability to have a discourse with people whom we do not agree with; education and in the ease with which we handle situations that are not generally taught as a part of course work; and entertaining contrarian views. "The pre-requisite to extra-ordinary achievement is extra-ordinary effort. Not everybody is a super star. Achieve to your potential and beyond", Dr. Mukherjee told the audience.

"We are celebrating a number of events at this University that are quite common. But Research day is special. We stand apart from others" said the Founder Chancellor of SRM University, Dr. T.R. Paarivendhar. "These events are celebrated to motivate and encourage you. Research must develop so that we can attain higher levels of glory" he added. Noting that the practice of celebrating Research Day has become a feature of SRM University that is appreciated in the academic community in India and overseas, the Presi-

dent of SRM University, Dr. R.P. Sathyanarayan, said that Research Day is not a one day affair to exhibit the research acumen. It should be an ambition to be involved in research year round and a daily phenomenon. Research should become the habit and character of SRM University.

Research Day at SRM University is celebrated to provide an opportunity for students to showcase and exhibit their burning aptitude for research as well as giving a chance to the student community to get a comprehensive knowledge on the diverse research activities being carried out in the Institution. It is the time for enthusiastic students to present their research work before a host of other researchers.

SRM University has been observing Research Day since 2012 with the first edition inaugurated by Dr. R. Chidambaram, Principal Scientific

Advisor to Govt. of India on 28th February 2012. Dr. Kishan Lal, President, Indian National Science Academy (INSA) was the Chief Guest for the 2nd edition of Research Day held on 1st March 2013. Dr. K. Radhakrishnan, Chairman, ISRO was the Chief Guest for the Research Day held on 27th February 2014. Dr. T.K. Chandrasekhar, Secretary, Science & Engineering Research Board (SERB). Govt. of India was the Chief Guest for the Research Day held on 27th February 2015.

Every year, about 500 abstracts are being presented by students and research scholars from about 40 Departments of the faculties of Engineering and Technology, Science and Humanities, Medical & Health Sciences. This year 512 papers were presented by students, research and faculty members of SRM University with Gold and Silver medals awarded for the best papers.



Dr. Biswanath Mukherjee, the Founder Chancellor, Dr. Rama Rao and the President of SRM University at the Research Day Celebrations.



# Epilepsy is more than seizures

## Staff Writer

Department of Neurology SRM Medical College Celebrated the International Epilepsy Day 2016 on 8th February 2016 by organising a special guest lecture by Dr.Malcom Jeyaraj, a pioneer in epilepsy management, who spoke on Syndromic Classification of seizure and its importance. Dr.A.Sundaram, Dean (Medical) inaugurated the session Dr.K.Gireesh, Deputy Dean & VP in his message for the International Epilepsy Day highlighted the significance of this unique day. He said the theme for international Epilepsy Day – Epilepsy is more than seizures - Highlights the fact that for most people, the associated stigma and discrimination experienced is more difficult to overcome, than the seizure. 60-70% of people with epilepsy can have the seizure controlled but the cloud of fear and ignorance on what epilepsy is, still prevails in the community.

Indeed a seizure is an abnormal electric discharge from Neurons which manifests with disability depending on the area of brain that is affected. Recurrent attacks of seizure is epilepsy. Epilepsy is a symptom of underlying disorder. The myth that this cannot be treated is wrong. Dr.K.Gireesh added that an International day focused on epilepsy will help to raise awareness and educate general public on the true facts about epilepsy and the great need for improved treatment and care and greater investment in research. And he said that the Dept of Neurology, SRM

Medical College, is planning to organise a series of public awareness program explaining the Do's and Don'ts in epilepsy. All persons in every walk of life should know about epilepsy as anyone can encounter a patient with fits.

Prof.K.Muthuraj, HoD, Dept. of Neurology further outlined Emergency measures for a seizure case (Do's and Don'ts)

If you see a person having an epileptic seizure, please do not turn away and do try and help him / her... The following measures are to be employed in case you see a person suffering from a seizure.

### Do's in Epilepsy

To aid someone having a seizure, take these steps:

- Keep calm.
- Prevent the patient from injuring himself.
- Block the fall of the person onto the ground.
- Loosen their belt, necktie, or other tight clothing and remove the spectacles.
- Cushion their head.
- Clear away any sharp or hard objects.
- During seizure if there is froth do turn the head to one side, so that saliva drools outside and not into the respiratory tract which can produce choking.
- After the seizures stops turn the patient to a side and wipe the froth from his mouth.

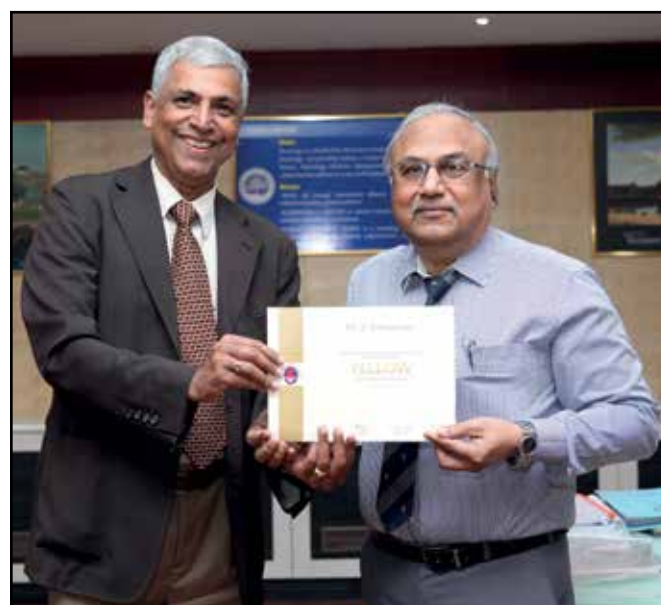
### Don'ts in Epilepsy

- Do not panic and do not be afraid!!!

- Do not insert spoon or any such articles into the mouth.
- Do not restrict convulsive movements as it may cause fracture.
- Do not try to insert a gag in the mouth as it may cause difficulty in breathing and also hurt the helpers, fingers.
- Do not crowd around the patient.
- Do not give water or any other liquid till he is fully conscious.
- Do not try and physically hold the person, this may injure both the person and the helper.
- Medical aid is usually not required except in case of the person being in water and drowning is a danger when mouth to mouth resuscitation may be required. The duration of the seizure is usually not more than 2 minutes after which the person enters a state of deep sleep.
- After the fits subside and when the person remains quiet, he/she can be shifted to a nearby hospital.

Dr.Malcom Jeyaraj emphasised that an understanding of syndromic classification of seizures is very essential to diagnose epilepsy rightly and later to correlate with EEG pattern. He also added that both awake and sleep EEG to be carried out in every epileptic patient to make a proper diagnosis

Dr.S.Sundar Associate Professor of Neurology proposed vote of thanks.



The Vice Chancellor of SRM University, Prof. Prabir K Bagchi congratulating Prof Elangovan

## Twin Fellowships for Dr. S. Elangovan

### Staff Writer

Prof. S.Elangovan, MD, DM, FACC, FRCP (Glasgow) who is Professor in the Department of Cardiology, SRM Medical College & Research Centre, SRM University, Kattankulathur since 2006 has been awarded the prestigious Fellowship of Asian Pacific Society of Interventional Cardiology on 14th November 2015.

This prestigious fellowship is being awarded for those who are promoting and propagating Interventional Cardiology specifically the Percutaneous

Coronary Intervention. Currently the President of Tamil Nadu Interventional Council (A Sub-speciality of Cardiological Society of India, Chennai Chapter) for the period 2014 – 2016, Prof. Elangovan has also been awarded the Fellowship of Cardiological Society of India on 11<sup>th</sup> February 2016 during the 11<sup>th</sup> Convocation Ceremony of Fellowship of Cardiological Society of India held in Chennai. This award has been for his distinguished contribution towards the field of Cardiology Service, Education and Research.

## Breaking records

### Staff Writer

Guinness world record for “Most Rubik's cubes solved in one hour (team)” was 1,860. Nine of us, Indian cubers, representing “TEAM India”, broke the previous record of 1,860 cubes by solving 2,454 cubes in one hour on 23<sup>rd</sup> January, 2016. It was an amazing experience considering the fact that I attempted to break the existing record with 8 other top cubers of India; all under one roof. I feel contented after breaking the Guinness world record by a huge margin of 594 cubes as my 3 years of experience as a speedcuber has finally paid off. Individually, I managed to solve 282 Rubik's cubes which was a part of the big number, 2,454.



The Record holder(s) are Sripad Sarma Katrapati, India Rakesh M Vaideeswaran, India Vijay Kishore, India Shivam Bansal, India Nithin Babu, India Kabyanil Talukdar, India Akash Rupela, India Kesava Kirupa, India and Bhargav Narasimhan, India



Dr.Malcom Jeyaraj consultant Neurologist and Epileptologist, SIMS Hospital, receiving honours from Dean SRM Medical College.





*The Founder Chancellor, Dr.M.S.Swaminathan, the Pro-Vice Chancellor, Registrar and other delegates at the start of the conference*

## Future wars can occur due to increasing water scarcity- Dr. M.S Swaminathan

### Sixth International Groundwater Conference (IGWC 2015)

#### Staff Writer

The Department of Civil Engineering, SRM University, Kattankulathur organized the sixth edition of the International Groundwater Conference (IGWC '16) recently. The conference was presided over by Dr. M.S Swaminathan, Padma Bhushan awardee as well as the chief mentor and founder of the M.S Swaminathan Research Centre. The Founder Chancellor of SRM Group of Educational Institutions, Dr. T.R Paarivendhar and Hon'ble Pro Vice Chancellor Dr. T.P Ganesan were the other dignitaries.

The three day conference was

attended by delegates from all over the country as well as Asia Pacific. The event focused on themes such as groundwater assessment, groundwater recharge, climate change and agricultural impact, groundwater management and groundwater pollution. The highest ranked entries received prizes from the chief guest.

The insights of the conference were given by Dr. Swaminathan, who stressed the importance of managing groundwater resources to avoid human conflict, and said it was necessary to pay close attention to the increasing burden on groundwater resources and to

reduce the effect of pollution. He emphasized the need for better management of existing sources over augmentation of supply. Dr. Swaminathan also discussed methods of management such as water harvesting and the impact of these methods in the agricultural sector, which uses 70% of groundwater for irrigation. He also spoke on utilizing modern technology for management purpose, citing the Computer aided Irrigation System used by Israel as an example. Lastly, he encouraged students to take up the issue of groundwater management and thanked the participants for contributing their ideas.

The Presidential Address was delivered by the Hon'ble Chancellor, Dr. T.R Paarivendhar, who welcomed the participants and spoke on the necessity of ground water management citing factors such as population increase, decreasing land plots and diminishing water sources. He reiterated the statement that groundwater scarcity could lead to war and pointed out the importance of water storage requirements especially in cases of heavy rain and drought. Dr. Paarivendhar concluded by stating the importance of high level storage facilities as well as the need for striking a balance for situational purposes.

Dr. T.P Ganesan, Pro Vice Chancellor, delivered the felicitation address.

He spoke on the aim of the conference to stimulate interest in research work regarding groundwater management and the exchange of ideas to improve the current situation. He spoke about the infrastructure and facilities present at SRM to combat scarcity and urged students to work towards better solutions.

The conference thus ended on a positive note, and motivated the future generations to work towards avoiding a crisis, towards avoiding a crisis.

## IET Technical Talk "VLSI Design"

#### Staff Writer

The IET Technical Talk on "VLSI Design" by Prof. Richard C.S. Morling, Emeritus Professor, University of Westminster, London was held on 10th February, 2016 in our Auditorium. This event was conducted by SRM University, Vadapalani with the collabora-

tion of IET. The technical talk started with Welcome address by Mr. S.Prasanna Bharathi, AP / ECE and IET Faculty Advisor. The Guest Speaker was felicitated with a Memento and a Bouquet by Dean (E&T) Dr. K. Duraivelu.

The IET Academic Affiliate's certificate to SRM University,

Vadapalani campus was presented by Prof. Morling to Dean in the presence of Dr. C. Gomathy, HOD / ECE and Mr. Raghavan, Regional Head, IET. The Speaker Prof. Richard Morling received BSc (honours) degree in Physics from the Polytechnic of Central London, England, in 1971 and the PhD in Information Engineering from the City

University, London, England in 1989. After a brief period in industry, he became an academician in 1974 specializing in Electronics. He was Head of Department at the University of Westminster between 1990 and 2013 and currently holds the position of Emeritus Professor. He spoke about the advancements and the growth

that the field of VLSI Design has seen over the past 20 years. He also stressed about the vast job opportunities available in VLSI Design. The lecture was attended by all the students and faculties who are members of IET, the lecture was followed by an interactive session of students and faculties with Prof. Morling.



# Of Rains and Ruins

*"May be the city needed a cleaning of all that didn't belong"*

Staff Writer

Late monsoon struck fiercely in the month of November-December as Chennai was on the brink of turning into the lost city of Atlantis. The storm, so vicious, that it could well be branded the tag "natural disaster," submerged the streets under nearly 40 inches of rainfall.

The aftermath of the deluge was unprecedented. With more than 500 people killed, and leaving over 1.8 million displaced and stranded without shelter or food supplies, the rainfall left parts of Chennai, Puducherry and Andhra Pradesh with no leg to stand on. And despite the disastrous effects, the local denizens managed to cope with their loss. Youngsters and NGOs formed a frontier and architected the recuperation process. They rushed in to assist the needy with basic amenities, while monetary assistance and donations kept pouring in from the surrounding states. Students from our very

own SRM University were airlifted to safety. United by a strong sense of compassion and togetherness, the Detroit of Asia rose to its feet.

The heavy downpour can be perceived in multiple ways. Maybe it was the water meandering through the streets, of what was once its home, only to find towering structures of concrete and rubble. Maybe the city needed a cleansing of all that didn't belong, the flaws and the wrong-doings, to start anew. Or it was to help us take a break from our monotonous lives, so that we can stop and appreciate where we are and count our blessings; for, our lives as we know it, can change at any moment, for the worse.

Perhaps that is the true beauty of nature, and that is how it operates. We call it "mother" for a reason, that it is through tough love that nature indoctrinates us with deep-seeded and invaluable life lessons.



## SRM and SRMbyag

Staff Writer

From the pristine first step of a person into college until their memory filled graduation, a person hopes to accomplish deeds that they can be proud of, although there is one thing that a few people hope to achieve more than that, and that is a good network for years to come.

That is exactly what Grandhi Anuttam and his A-team have made possible through their venture of SRMbyag. SRMbyag whose early roots lie in the vast, ever expanding list of groups on Facebook has now become one of the foremost organisation in this universe of itself which is SRM. Its astounding wherein SRM and Srmbyag have blended in with each other so well that we are nothing less than a big family now.

From spreading the word of latest news to anxious students, to being the support of panicking parents during the devastating Chennai rains through their website, whatsapp broadcasts and facebook updates, not just courses from outside, they get offers, student related info, events and a lot from outside SRM too. SRMbyag has gone from incredulous to incredible to provide better connectivity amongst students and faculty alike throughout the whole university.

In the words of the founder Grandhi Anuttam "I started this organisation with the sole intention that if someone in future ever needs to communicate his/her views then there has to be a fine medium to do so". SRMbyag is exactly that.

"It feels like a walk down the memory lane. It used to be just me running the FB page

pulling in as much information as I can and trying to make it nothing but best. As they always say Passion always gets you a companion, SRMbyag slowly started gaining immense recognition and had the first team member recruitment session last year. The recruitment turned out to be a big hit as more than 400 people applied. After a series of tedious test and interview, 38 brilliantly talented students made it, not just them, it got me immensely happy too". Anuttam fondly states.

SRMbyag like any other good organisation is not far behind on statistics either. Here are just a few to give you an idea of the headway that they have made. They have subscribers from all parts of the University and had over 500 subscribers to the whatsapp broadcast in less than 2 weeks of its initiation. They had 1,200 downloads on their App in 2 hours time and have crossed 10,000 likes on their facebook page. They have started acting as a medium between various services and organisations who wish to conduct courses in the university and the students. These statistics show us what glorious looks like.

Aye aye captain you got that

right from being news and announcement broadcaster. SRMbyag has expanded its vision of venturing into other fields like music and most importantly nurturing budding talent. The whole organisation is head over heels into bringing out preposterous and unimaginable talent. Students of SRM when provided with such an implausible platform like SRMbyag have nothing more to ask for.

Oh folks how could you blind eye the team bonding of SRMbyag. Starting from Anuttam to every single member of the organization they have nothing but a great time when they are together. They indeed take the 'we are all in this together' seriously, which is wonderful. They show us that at the end of the day having one's back is all that we need. In whole SRMbyag is nothing less than a family of crazy hooligans who are insanely creative, why wouldn't every SRMite and to be a part of this family.

The organization as whole has seen a magnanimous progress which is highly commendable and it can only be wished that they continue on the same path and achieve triumph in whatever future ventures they seek to accomplish.

“SRMbyag has gone from incredulous to incredible to provide better connectivity amongst students and faculty alike throughout the whole university.”



Rescue teams transporting people.

### From the Desk of The Chairman, SRM Group

The Chairman of the SRM Group of Educational Institutions, Mr. Ravi Pachamoothoo, has asked the SRM Community to send in their complaints, concerns and suggestions to him at srmchairman@gmail.com or through sms to 99400 88414 (text messages only)





## Space tourism - a dream shaping into reality

Zafar Faraz

Robert Downey Jr's onscreen depiction of Tony Stark was influenced by a real life business magnate. His name is Elon Musk, a South African - Canadian entrepreneur who has been linked to worldwide enterprises such as PayPal, Zip2, Tesla etc. His not so recent venture SpaceX has been turning heads for a while now. Ever seen a movie where people are in shuttles going to space as tourists? SpaceX was founded in 2002 with the intention of allowing people do exactly that. The company intends to cut down costs on the journey and maximise the comfort on enjoying the view. SpaceX develops and manufactures space launch vehicles with a focus on advancing the state of rocket technology.

With a long history of producing rockets such as Falcon 1, Falcon 9 that is being tested vigorously to enable commercial flights to space and its first spacecraft aptly named, Dragon.

SpaceX funds its ventures by joining hands with NASA to launch satellites into space.

In recent times, SpaceX has been in the news for its rocket launches that have been partially successful. In December 2015, the launch gave a positive outcome and pushed the programs decades ahead of its competitors with a greater payload and higher altitude delivery.

But this news triggers a lot of questions in a curious mind. With such heavy investments in commercial space is mankind really willing to leave? How far before space fiction doesn't remain fiction anymore?

# Famed Edinburgh University and SRM University sign partnership agreement

Staff Writer

Edinburgh University, consistently ranked as one of the top 50 universities in the world, and placed 17th in the 2013/14 QS World University Rankings, inked an MoU with SRM University on 19 January 2016, signalling the dawn of collaboration and partnership between the two institutions.

With a rich legacy and history dating back to its founding in 1583, Edinburgh University is one of the largest and most diverse universities in the UK, with over 32,000 students from 130 countries studying across more than 100 academic disciplines.

Their thriving postgraduate community benefits from a strong commitment to high-quality, innovative teaching set against the University's inspiring research culture: the

latest report from the Quality Assurance Agency awarded University of Edinburgh the highest rating possible for the quality of the student learning experience

The MoU function at SRM's Kattankulathur campus was attended by Professor Robin Wallace and Dr Vengatesan Venugopal from Edinburgh University, and senior faculty from SRM University, including Vice Chancellor Professor Prabir Bagchi.

"We share a lot in common", said Professor Bagchi, "being multi stream universities enlarges the scope for collaboration in a wide range of disciplines. The MoU will bring together the strengths of both institutions and cover areas like student mobility, faculty visits, and workshops and seminars", he went on to add.



The VC with Prof. Wallace

Prof Wallace who holds a personal chair in Renewable Energy Systems and who founded The Institute for Energy Systems in the School of Engineering at the University of Edinburgh is now Dean International in the College of Science and Engineering. He welcomed the collaboration with SRM

University. "We found vitality and energy at the University, with students who clearly seemed to be enjoying their studies. The student led projects and the research that is being pursued is impressive and we look forward to taking the partnership forward", he said.

## Star Wars 2015 The Fans Awaken

Kavya Jayanthan

'It is a period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire.'

If you recognize that crawl text, then I think there is nothing more to say.

Being a Star Wars fanatic is to prepare oneself for a lifetime of bitter sweet uncertainty.

The franchise seems to have captured the imaginations of people ranging over a period of almost four decades. The release of the first movie 'Star Wars Episode 4- A New hope' in 1977, saw the birth of a new religion. One can almost see that first scene playing right in front of your eyes when Luke tells his Uncle how he wants to join the Imperial Academy instead of being a farmer and the scene where he meets our favorite Jedi Master, Obi-Wan Kenobi. And how could one forget the introduction of the bumbling C3PO and the adorable R2-D2 droids in the life

of Luke Skywalker as they become a part of a lifetime of wonderful and adventurous missions. Luke meeting his master Yoda is perhaps one of the most iconic scenes in the history of cinema. If you haven't tried speaking like Yoda at least once then, I believe you can go back to watching some other series.

With the release of the seventh episode 'The Force Awakens' in Dec 2015, one thing has been established for certain; the Star Wars series captures something much more than the audience's imagination, it touches their spirits and gives them a certain strength for real life. It is a form of escapism which lends itself to inspiring people. With characters like Yoda and Vader, it makes one realize that there are things you can learn from the good and the bad.

In life as in the movie, what matters is whether you choose the lighter side or the darker side of the Force. Choice you must make, Skywalker.

## The Last Goodbye

Aashish Boddeti

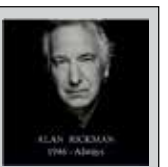
It was the 21st day of February in the year 1946. The cool London breeze played along the city where the people were immersed in their daily rituals, unaware of an incident that would create ripples in their hearts in the generations to come. This occurrence was to be credited to one tiny offspring that had emerged into this world, mewling and crying like any other human being, but his life's work would make the world mourn upon his death.

His was just another name adorned by an ordinary person who had grown to become a remarkable thespian, multiplying the value of that very name with every performance he gave. This name that he was christened with and the name we all would cherish one day was Alan Rickman. A graphic designer by profession, he was leading a content life until his 'first love' (according to him) - the theatre, took over and scripted a new path for him. From then on, he took on various roles ranging from the villainous Hans Gruber in Die Hard to the Romantic

Colonel Brandon in the movie Sense and Sensibility. As his career progressed, he pulled out marvellous performances with his trademark sonorous voice and subtlety. However, on one fateful speck on his illustrious timeline, he was diagnosed with pancreatic cancer, which eventually lead to his demise, leaving the many fans gutted in this tragedy.

He had made the world his audience, who were immersed in the many roles he had donned. He poured life to one of the most complex characters penned by J. K. Rowling with great ease and opened the gushing tear ducts of millions of fans for the second time (death of his character as Snape and in real life). Like many other remarkable actors who had graced this world, Alan Rickman remains yet another actor who has abandoned us, with performances etched in our hearts to cherish and his name to be etched in our minds, always.

"I've never been able to plan my life. I just lurch from indecision to indecision."







*Mr. Tata seen with students as they showcase their inventions*



*At the formal and informal interactions with students of all Faculties*

# Make A Difference Ratan Tata Tells SRM Students

## Staff Writer

If India is to shine now and in the future, people must have the freedom to decide and while governments can be in the business of monitoring, they should have no role in telling people what to do, said Mr. Ratan Naval Tata, Chairman Emeritus of Tata Sons. “If India should shine let the people have the freedom to decide” Mr. Tata said in an interactive session with SRM University students.

“As you go through life, many things you could not find in college, you will find it in your profession down the line” Tata told students stressing that there are many qualities that are sought after in young leaders but the bottom line must be one of making a difference. “Be honest in what you think & do and this goes for any profession”, the industrial and business magnate remarked.

Prior to the interactive session with students drawn from all Faculties of SRM University—Engineering and Technology, Science and Humanities, Medical and Dental Sciences, Health Sciences, Management and Law—Mr. Tata had meeting with the Founder Chancellor of SRM University, Dr. Paarivendhar





A Group photo with Mr. Tata



network is something we have to achieve for the future”, he added.

Asked about his parameters to support start-ups, Mr. Tata argued that while he is interested in the ideas of the young minds on projects, his support to any will also depend on not only viability but also in an assessment of “greed” of the entrepreneur. “I like investing in young companies, but money-alone and greed is not what I am for”, Mr. Tata said.

Mr. Tata engaged the students in a variety of questions including some light hearted queries of the inquisitive minds present on the occasion. On more than one instance the icon of the Indian industry was asked about start-ups and his support thus far to some of the India-oriented enterprises. “The ultimate satisfaction is not just philanthropy but also investing in young companies” Mr. Tata replied to a question going on to make the point that while he was indeed interested in the models and formulations presented, he was also looking for more. “There cannot be greed” he maintained.

“What does it take to be your lawyer” asked a young student from the School of Law “First of all, I hope I do not get into trouble that would require me to have a legal aide”, Mr. Tata said to laughter in the room. On a more serious note he added, “The requirements of a lawyer is not very different from that of other professions. You have to be sincere and honest”.

“What is the best way of getting in touch with you?” asked another student. “Of course by e-mail, if you can get that”, Mr. Tata replied to smiles and laughter with students knowing full well that he was not going to share his account all that easily.

“Did you at any time feel that money could not help you?” asked another student. “I don’t have much money and I certainly do not have any power” came a quick reply setting off laughter in the conference room again. Mr. Tata also spoke of his time when he returned from the United States after studies and was placed on the Tata shop floor where he was one of the workers. “Initially I did not like this, but came to accept it. Later on as I moved up the ladder in Tata Sons I could relate better with the workers and vice versa”, he said.

Accompanied by the Vice Chancellor, Mr. Tata, at the end of the interactive session with students, went on a tour of SRM University. At one point he got out of his car and spent some time with students who wanted to show off their latest innovation in an unmanned aerial vehicle or a drone in modern parlance. Quite impressed with what he was seeing Mr. Tata watched the system take off and land.

ies

where they discussed the challenges and opportunities of higher education in India.

Referring to the fact that so many young minds of India choose overseas destinations for higher studies, Mr. Tata observed that this would not be the case if educational institutions offered proper facilities and faculties. “Our country has the ability. We have to teach & inspire the students and have the right environment. We have the capabilities of becoming a major economic and educational power” he added.

During his session with the Founder Chancellor and later in private sessions, Mr. Tata had detailed discussions with the Vice Chancellor, Prof. Prabir Bagchi on a range of topics in education & research and development issues that included the importance of faculty sabbatical in industrial organizations, the constant interaction of the industry in formulation of the syllabus and curriculum, student internships in the industry and business ways to attract and retain bright minds to teaching and research.

Lavishing praise on the state of the art facilities at

SRM University and endorsing the institution’s plans for the future, Mr. Tata told the young minds that along with team work, timing, plan and innovation, there has to be intuition for any program to succeed; but at the same time not every plan or venture is going to succeed. “Take everything as a learning exercise”, Mr. Tata advised the student community.

In an answer to a question on disabilities and providing basic facilities for people with physical disadvantages, Mr. Tata lamented that India still did not have a basic health care network and there is still a social stigma on disability. Mr. Tata argued that both the public and the private sectors need to go the distance in addressing the needs of the under privileged and specially challenged people.

“Less attention has been given to mobility of physically-challenged people by vehicle manufacturers in India. We don’t even have a ramp in many pavements to address the needs of people on wheelchairs”, the industrial pioneer said in appreciating the query posed by a student. “A basic health care



# Indo-French Culinary Exchange 2016

Staff Writer

A gastronomic bonanza awaits connoisseurs of French cuisine when SRM Institute of Hotel Management (SRM IHM) hosts the Indo-French Culinary Exchange 2016 this month, with a team of students and faculty members from the reputed Jacques Coeur School in France, displaying their culinary skills.

The Indo-French Culinary Exchange 2016, is a partnership between SRM IHM and the renowned Jacques - Coeur School, Bourges, France. The programme will be a confluence of Indo – French experimentation in cuisines designed to delight the palate. The School will be demonstrating culinary topics

which has made French food one of the most tempting in the world, while SRM students will showcase their talents in Indian food preparation.

This will be the second in the series of events with the Jacques - Coeur School, Bourges, France, the first having been held at SRMIHM in 2013. This is part of the SRM IHM's continuing effort to bring the latest in contemporary global practices to the students, to keep them well informed and meet the growing demands of the ever changing trends of the hospitality industry.

French cuisine is one of the oldest cuisines known to mankind, having formulated the distinctive 17 course French Classical menu. It is the French



The delegates with the Registrar

who taught the world how to have a meal with appetizers and finishing with café. Cheese and wine are a major part of the cuisine, playing different roles regionally and nationally, with many variations, to enhance the meal experience and make it uber-special. Chef Gilles Charles, Culinary Instructor of Jacques Coeur school, Bourges, France will give cooking demonstrations to highlight the various aspects of French cuisine, its tradition,

cultural linkage and culinary methods. SRM IHM students with the help of the culinary instructor of the institution will demonstrate Indian cuisine which will focus on the cultural heritage of rich, enchanting and scintillating India.

The detailed demonstrations by the chefs will provide the students an interactive platform to learn the skills and to enrich their knowledge on authentic French gastronomy.

“The event will not only lay emphasis on health banquets, authenticity, and knowledge about rare ingredients but will also give an insight to various challenges faced by the hospitality industry”, said Professor Antony Ashok Kumar, Director of SRMIHM. The program will focus on critical thinking on major issues and will generate ideas and consensus to meet the new demands and requirements of the industry”, he went on to add.



National Excellence award 2016 for Best Hotel Management Institute in India Conferred by ASSOCHAM & MHRD to SRM Institute of Hotel Management, Chennai. Award given by Prof (Dr) Ram Shankar Katheria, Minister of State for Human Resource Development, (Higher Education) Government of India. Received by Dr.D.Antony Ashok Kumar, Director, SRM IHM at New Delhi.

## Best Hotel Management Institute in India

Staff Writer

The Associated Chambers of Commerce and Industry of India – ASSOCHAM has constituted the National Education Excellence Awards to honour those who have contributed significantly in the field of improving the quality in Education, delivery mechanism with emphasis on world class research and innovations.

We are privileged to share that we had received “Best Hotel Management Institute” Award during the 9<sup>th</sup> National Higher Education Summit & Excellence Awards 2016 organized by ASSOCHAM and conferred by Prof. Dr. Ram Shankar Katheria, Honourable Minister of State for Human Resource Development, Government of India. We have received this Award 4th time in a row.

## The Diary of International Relations SRMU/ UOP Relations

Mukhtar Habibu Dankullu

In the usual efforts to strengthen students' mobility and cross boarder research, the management of the University had on Thursday February 11th 2016, received a delegation of experienced experts from University of Portsmouth, UK. The delegation visited the University for establishing relations, which will help in enhancing the global outlook of the two institutions.

A round table discussion was held between the delegates and senior faculties of SRM Medical College. “We are very happy to welcome you and we are ready to collaborate for

“SRM University is “very impressive, hospitable and excellent”

research, students and faculties interchange”, said the Director of International Relations Dr Kartar Singh in his welcome address. Then Professor Tara, Dean, the leader of the delegation explained the objectives of their visit. The discussions lasted for an hour. At the end of the discussion, the participants decided to collaborate for research and teaching in the

areas of Paramedics Sciences, Pharmacy, Biomechanics and Nanotechnology among others.

Similarly, the delegate met with the Vice Chancellor and discussed on the issue. He presented them with gifts. The delegates also thanked the management for their hospitality. They described the University as “very impressive, hospitable and excellent”.



Delegation from University of Portsmouth in a group picture with SRM Director of International Relations and senior faculties of Medical College





The chief guest (extreme right) at the conference

## Mathematics – a drone no more

**Priyanka Murali  
ShubhamSahu**

'Altitude 16', the annual National Level Mathematical Fest was held on 17 February 2016. A pet project of the Department of Mathematics, SRM University, it showcased a melange of different events including paper presentations, poster presentation, Mathematical Olympiads and Dumb Charades. The central themes revolved around Vedic Mathematics, Statistics, Cryptography, Astronomy and Mathematics in modern technology. The Mathematics Department at SRM University has always strived to kindle and promote analytical, critical and creative reasoning in its students.

The Fest started with the welcome address by Ms. L. Sivakami, Assistant Professor, Mathematics. The chief guest for the event was Dr. T. Venugopal, Professor of Mathematics, Director Research and Publications, Sri Chandra Secharndra Saraswathi Viswa Mahavidyalaya, Kancheepuram,

he counselled the students on how to overcome seemingly difficult and complex problems, saying that the key to solving problems in maths involves practice and persistence. Dr. T. Venugopal, paraphrasing passages from The Bhagawat Gita, said "You are empowered to do your duty, and do it with passion. The result will come at the right time. Every individual has to rise on his own, you are your only friend and you are your only enemy".

Dr.Jothikumar, Associate Dean, Faculty of Science and Humanities, delivered the Presidential address. The Professor spoke about how Mathematics is paramount for a solid foundation in any branch of science and about how it can be made straight-forward for slower learners.

The Department played host to various participating colleges from all over the country. The event came to an end with the prize distribution and a vote of thanks delivered by Assistant Professor, Ms. Ananthi.

## Between Invention and Innovation

**Staff Writer**

The Department of Computer Applications organized Tecblaze '16, the 3rd National Level Symposium and Project Exhibition on Friday, the 19th February 2016. The programme commenced with the Tamizh Thai Vazhthu followed by the lighting of the kuthuvilakku by the dignitaries. The Head of the Department of Computer Applications, Dr.Dhillipan welcomed the Guests and the gathering. He said that the objective of this symposium is to bring students from various institutions to share their new and innovative ideas.

The Dean (S& H), Dr.Subramanian presented the Inaugural address and expressed his sincere appreciation to the department. He expressed that such programmes were as important as the regular classes. He also presented details about the events which were a part of the Technical meet. Dr.V.Subbiah Bharathi, the Dean (E & T) felicitated the gathering and shared some important details about the scenario today. He insisted that the students should look at emerging technologies and should contribute to the country by starting more companies. He appreciated the students for developing mobile apps and applying them for the institution. Since India will soon be the youngest economy in the world, he emphasized that students will have to work towards generating more jobs so that the economic dividend doesn't become a dividend nightmare.

The Guest of Honour, Dr.T.S.Sridhar, IAS (Retd.) and the Dean (S & H) honoured the Chief Guest, Mr.K.Purushottaman, Senior Director, NASSCOM with a memento and Bouquet. This was followed by the Special Address by the Chief Guest. He said that though immense opportunities were available in the country, students always show preference to join the top 20 companies. He wanted the students to contemplate whether they are in sync with the developing technology. He shared some important statistics about various companies and



wanted the students to put in extra effort and connect to the opportunities available.

The Guest of Honour, Dr.T.S.Sridhar, IAS (Retd.) presented an enlightening address. He spoke about LPG (Liberalisation, Privatisation and Globalisation). He said while Liberalisation helped remove the shackles and made business simpler and with less paper work, Privatization helped PSUs. As far as Globalization is concerned, he said that it was not understood in the right sense. He exhorted that the job creation by MNCs is less than 3% and hence emphasized that jobs have to be created by us to make India face the challenge as one of the largest emerging economies. He demarcated the difference between Invention and Innovation. While invention revolutionizes and is time-consuming and difficult, Innovation should be attempted. Since, innovation is making slight changes in existing things, it can be done in an effective and efficient manner. He urged the students to innovate and make changes.

This inauguration ended with the rendering of the vote of thanks by Mrs.P. Ponveni, Asst. Professor of the Department and the convener of the symposium.

The day concluded with valedictory function in which the winners of the day from various events were felicitated. Dr A. Subramanian, Dean, Faculty of Science and Humanities gave prizes to winners and runners of various events. From the events conducted, Saveetha Engineering college won the first prize for paper presentation and S.A Engineering College won the second prize for the same. S.S.S Jain college and Stella Maris college bagged first and second prizes respectively for treasure hunt. For the event Project Contest, Velammal Engineering college and Easwari Engineering college were declared the winner and runner up respectively. SRM Arts and Science college won first prize whereas Bharath University won second prize for the event 'Gaming'. Out of all the participants for Quiz competition, AM Jain college and Easwari Engineering college bagged first and second prizes respectively. From the cricket match held the day, the team from SRM University won the game and team from Easwari Engineering college was declared as runner up. All the events concluded successfully with the active participants of 143 participants from 26 colleges.

### 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**



# DIRT—GUTS—GLORY

Staff Writer

Conrods, the official SRM University team participating in Mahindra BAJA SAE India and International unveiled its new product put together by an enthusiastic group of 25 engineering enthusiasts, from different branches of engineering, Automobile, Mechanical, Mechatronics, Electrical and Electronics. The event requires the team to design and fabricate an All-Terrain Vehicle from scratch which is rigorously tested and finally raced at the NATRAX facility at Pithampur (M.P.).

The team started in 2008 under the patronage of Dr.C.Muthamizhchelvan, Director, Faculty of Engineering & Technology, Dr.M.Leenus Jesu Martin, Team Principal, and Mr.P.Baskara Sethupathi, Faculty Advisor of Conrods. The team which was formed in 2008 soon emerged as one of the top most and most sought after team in the country representing India internationally

twice--South Africa in 2010 and in Auburn, U.S.A in 2015. The team hit the top spot in 2012 as national champions by displaying the firm integrity of the team and values on which it has been built upon. Conrods proved its mettle in the international event at Auburn where the car was well appreciated by the judges.

One of the oldest technical team of SRM University and the Department of Automobile Engineering, Conrods has had industrial exposure due to collaborations with Companies like Sharda Motors, Continental, Lincoln Electric, to mention a few. The team has built its 9th vehicle for the 8th edition of the event and has won various accolades on its successful journey in BAJA SAE as follows:

1. National Champions BAJA SAE India-2012
2. Cost Report - 2nd Position -2012
3. Go Green Award - 1st Position-2011, 2015
4. Maneuverability Award - 1st Position-2015



The Vice Chancellor with delegates

## Oticon 2016 at SRM

Staff Writer

“OTICON 2016”, The 53rd Annual national conference of AIOTA was hosted by SRM college of Occupational Therapy, SRM University and Tamil Nadu Branch of AIOTA in Chennai from 29th Jan. to 31st Jan., 2016. Around 600 participants including students and member delegates attended the conference. We had 7 international speakers who delivered guest lectures and shared their knowledge and experience. On the first day (29.1.16) we had COTE inauguration followed by the presentation of the Keynote ad-

dress on the conference theme “Innovation in occupational Therapy – The key towards excellence” by Dr.Ashley Jayapaul, Principal Occupational Therapist from Singapore. On the 2nd Day (30.1.16) the OTICON 2016 inauguration was done by Dr.S.Geethalakshmi, Vice chancellor of The Tamil Nadu Dr.MGR Medical University. In her inaugural address he encouraged the therapist to use recent innovative technologies to improve the quality of the life among individuals who receive Occupational Therapy services. Presided by Dr.Prabir K Bagchi the Vice Chancellor

of SRM University, Felicitation was done by Dr.N.Sethuraman, Registrar of SRM University and Dr.N.Chandraparbha, Director, Health sciences, SRM University. Vote of thanks was delivered by D.Suresh, Organizing Secretary and Dean, SRM College of Occupational Therapy. Around 41 scientific papers were presented on this conference. Posters, innovative technology exhibits were also displayed. SRM College students won the 2nd prize for best innovative technology and won the overall champion trophy in cultural competition.



## Finding the right synergy

Staff Reporter

“Why so many successful companies like Google, Yahoo, etc., are born in USA and not in India? One of the answers would be great synergy between finance, world class research universities and the start-up culture that exists in USA. Fuse these three and you get a chemical explosion”, said Dr. Theodore Roosevelt Malloch, Professor of management at Said Business School, University of Oxford, UK during an interaction with the students of SRM University. Dr. Ted was at the campus on a goodwill visit and the students spent the evening with him soliciting his views on varied topics ranging from Business models to office politics to women empowerment and prediction of the outcome of US elections. One of the students asked him to highlight one great challenge he faced while serving in more than 36



corporate boards. To this he replied “Few challenges were around leadership, product design, corporate governance, unethical behavior and succession question”.

Dr. Ted served as Research Professor at Yale University and is currently the Vice-Chairman of Polaris. He holds a Ph.D. in International Political Economy from University of Toronto. He is the great grandson of former US President Theodore Roosevelt.

Dr. Sathyanarayanan, President of SRM University while addressing the gathering said that “it is our honour to have Dr. Ted who hails from the family which had given two great Presidents of USA”.

Dr. T.P. Ganesan, Pro Vice-Chancellor (Planning & Development) welcomed Dr. Theodore Roosevelt and introduced him to the august audience. Dr. N. Sethuraman, Registrar, proposed the vote of thanks.



எஸ்.ஆர்.எம் பல்கலைக்கழகத்தின் வேந்தரும் தமிழ்ப்பேராயத்தின் புரவலருமான

**டாக்டர் தா.இரா.பாரிவேந்தர்** அவர்களுக்கு உலகத் தமிழ்ப் பண்பாட்டு

இயக்கத்தின் சார்பாக புதுச்சேரி முதலமைச்சர் ‘உலகத் தமிழ்க் கல்விக் காவலர் விருது’ வழங்கினார்

உலகத் தமிழ்ப் பண்பாட்டு இயக்கம் (International Movement for Tamil Culture - IMTC) கனடா தலைமையகமும் அதன் இந்தியக் கிளையும் ஒன்றிணைந்து 2016 ஜனவரி 16, 17 ஆகிய இரண்டு நாட்களில் அனைத்துலகச் சிறப்பு மாநாட்டினை நடத்தியது. ‘அபஸ்நாடுகளில் வாழும் தமிழர்கள் எதிர்நோக்கும் சவால்களும் வாய்ப்புகளும்’ என்னும் தலைப்பில் தமிழர் திருநாளை ஓட்டி புதுச்சேரியில் நடைபெற்றது.

மாநாட்டைப் புதுச்சேரி முதலமைச்சர் மாண்புமிகு ந. இரங்கசாமி அவர்கள் தொடங்கிவைத்துப் பேருரை வழங்கினார் எஸ்.ஆர்.எம் பல்கலைக் கழகத்தின் வேந்தரும் தமிழ்ப்பேராயத்தின் புரவலருமான இந்திய ஜனநாயக கட்சியின் நிறுவனர், தலைவர் டாக்டர் தா.இரா.பாரிவேந்தர் அவர்கள். உலகத் தமிழர்களுக்காக எஸ்.ஆர்.எம் பல்கலைக்கழகம் தமிழ்ப் பேராயத்தின் வழி செய்துவரும் பணிகளையும் செய்யத் திட்டமிட்டிருக்கும் பணிகளையும் எடுத்துக் கூறியும் உலகத் தமிழ்ப் பண்பாட்டு மையத்தை எஸ்.ஆர்.எம்.



டாக்டர் தா.இரா.பாரிவேந்தர் அவர்களுக்கு உலகத் தமிழ்ப் பண்பாட்டு இயக்கத்தின் சார்பாக புதுச்சேரி முதல்வர் ‘உலகத் தமிழ்க் கல்விக் காவலர் விருது’ வழங்குகிறார்.

பல்கலைக் கழகத்தில் அமைப்பது குறித்தும் மாநாட்டுச் சிறப்புரை வழங்கினார்.

புதுச்சேரி நாடாளுமன்ற உறுப்பினர் திருமிகு. இரா.இராதாகிருஷ்ணன் தலைமையேற்றார். புதுச்சேரி அமைச்சர்கள் பெ.இராஜவேல், தி.தியாகராசன், கனடாவைச் சேர்ந்த நடராஜ குமார் ஆகியோர் வாழ்த்துரை வழங்கினர். உ.த.ப.இயக்கக் கனடா தலைமையகத்தின் தலைவர் வி.சு.குரேராஜா தம் இயக்கத்தின் ஆண்டறிக்கையை வழங்கி, பாரிவேந்தர்

அவர்களின் உலகலாளவிய தமிழ் கல்விப் பணிமையப் பற்றி எடுத்துரைத்துப் பாராட்டினார்.

தமிழின் பெருமை, இலக்கியச் செழுமை, பண்பாட்டுச் சிறப்பு, தமிழ்க் கல்வி முதலியவற்றை உலகளாவிய நிலையில் பரப்புவதற்காக எஸ்.ஆர்.எம். பல்கலைக்கழகம் இந்தாம் தமிழ்ச் சங்கமாகச் செயல்படும் வகையில் தமிழ்ப்பேராயம் Thamizh Academy என்கிற ஓர் அமைப்பினை உருவாக்கித் தமிழ்க் கல்வியை வழங்குவதற்காகத் தகுதியான

ஆசிரியர்களை உருவாக்கும் நோக்கில் ‘அபலகத் தமிழாசிரியர்-Diaspora Tamil Teacher’ என்னும் ஓராண்டு ஆசிரியர் பயிற்சிப் பட்டயப் படிப்பினை உலகத் தமிழர்களுக்காக வழங்குவதைப் பாராட்டியும் டாக்டர் தா.இரா. பாரிவேந்தர் அவர்களுக்கு ‘உலகத் தமிழ்க் கல்விக் காவலர் விருது’ என்ற பெயரில் உலகத் தமிழ்ப் பண்பாட்டு இயக்கத்தின் சார்பாக புதுச்சேரி முதலமைச்சர் மாண்புமிகு ந.இரங்கசாமி அவர்கள் விருதினை வழங்கிச் சிறப்பு செய்தார்.

## 19th Founder's Day @ Modinagar

### Staff Writer

SRM University, Delhi NCR Campus – Modinagar, Ghaziabad celebrated their 19th Founder's Day.

The distinguished guests were, Dr. Sunil Jogi, an International poet and Minister of State of UP Government and Mr. Rakesh Kumar Pandey, Superintendent of Police, Rural Area, Gha-

ziabad. Dr. S. Viswanathan, Deputy Registrar, welcomed all the distinguished guests and others and said, “the milestone that we have reached now is only because of the Founder Chancellor”.

“Under his guidance and support today the campus has achieved many laurels and have more than 5,000 students studying in the campus”. Dr. Manoj

Kumar Pandey, Director, Delhi NCR Campus, in his speech said, “unity and team spirit have made us to build a strong foundation in academic as well in other activities”.

Mr. Rakesh Kumar Pandey, SP, Rural area, Ghaziabad, Guest of the day, said, students should learn discipline and should have the goal to become a good citizen of India. He further said, nothing

is impossible in this world. It is in your hand to make your life career. You are very lucky and fortunate to study in a renowned university like SRM. Dr. Sunil Jogi, distinguished guest of the day, emphasised on tension free life one should lead. “Laugh or and smile will reduce your stress and make you healthy. In this highly competitive world one should be aware of

the latest technology developments. Today environment is fast moving and that creates stress and tension in our life. Learn to lead the life with a smile”, he added.

Cultural programmes were conducted by students and vote of thanks was delivered by Dr. Ranjana Dubey, Head, media Centre.







## Telecommunication Trends by Mr. Dominic Savio

Staff Writer

Electrum, the official club of ECE department, SRM University, Vadapalani organized a technical talk on the topic “Telecommunication Trends: From 2G to 5G” which was delivered by Mr. H. Dominic Savio, Assistant Director Network Operations in BSNL, Chennai.

Mr. Savio discussed about a variety of interesting topics such as the evolution of wireless technology from 2G to 5G, the standards used for each generation of wireless technology and also about the different hardware used in this technology such as guided and unguided transmission media. Later, he also engaged in an

interactive question & answer session with the students where he answered everyone’s question diligently.

Later on, he also inaugurated Adhyaay wall magazine’s latest issue and gave an interview to the Adhyaay team. Mr. Savio gave his opinion on how an ideal relationship must exist between private and public sector to develop futuristic standards of communication. He also talked about how BSNL has established itself in cities as well as rural areas and elaborated more on how BSNL provided help in the rescue operations during Chennai floods. The students felt that it was an enriching experience to hear an account of how a career in telecommunications is interesting as well as productive.

## Dealing with and Successfully Treating Complex Heart Problems

Staff Writer

Three small babies with complex heart problems have been successfully operated upon in the Department of Cardiothoracic surgery at SRM Medical College, Hospital and Research Centre, Kattankulathur.

Four month old Irfana weighing 2.1 kgs who was born at SRM hospital had a Large extra connection in the heart; was admitted for heart failure and breathlessness and treated medically first before being operated upon successfully (Large PDA with PHT) and discharged in good condition. Seven month old Abinaya weighing four kgs was admitted with breathing difficulty and inability to take feeds had two large holes in the heart with extra connections a with high lung pressure was successfully operated (Large VSD with ASD with PDA with Severe PHT) and Doing well Eleven month old Keerthika weighing 7 kgs came with heart failure and was found to have a large hole in the ventricles with high lung pressure (hypertension VSD with BDS) was also successfully operated upon, discharged and doing well.



Baby Irfana with Doctor’s Team



Baby Abinaya Baby Keerthika

All the three children were from poor socio-economic background and have undergone major heart surgery under Government Health Insurance Scheme at SRM Hospital. The cost of surgery will be around 3 lakhs for each baby in any corporate hospital; but it has been done totally free of cost

under the Government Scheme.

The SRM Team of Doctors who attended on the three young children included Prof. P. Moorthy – Paediatric Cardiothoracic Surgeon - Retired Senior Professor from Govt. Children’s hospital – Egmore; Prof. A. Sukumar – HOD, Department of Cardiothoracic Surgery; Dr. A. Kalyanaraman & Dr. K. Ashok – Cardiac Anesthesiologists –SRM; Prof. Sekar –HOD, Department of Paediatrics; Prof. Dhandapani – HOD, Department of Cardiology; and a group of well trained and competent Perfusionist, OT & ICU Staff Nurses.

## 67th Republic Day Celebrations @ SRM



Dr.Sridhar, Pro Vice Chancellor (Medical) reviewing the guard of honour and unfurling the flag.





Delegates at the Conference

## Mathematical Techniques and its Applications

### Staff Writer

The 8th National Conference on Mathematical Techniques and its Applications (NCMTA-2016) in association with Global Journal of pure and Applied Mathematics was held recently. Dr. K. Ganesan, Head, Dept of Mathematics, SRM University delivered the welcome address. The presidential address was given by Dr. T.P. Ganesan, Pro Vice Chancellor (Planning and Development) of SRM University. He recalled that the Department of Mathematics was originally a servicing department when SRM Engineering college started functioning with three branches in the year 1985. The department has since then undergone tremendous growth and has transformed into an independent department running its own under graduate, post graduate and Doctoral programs. The diversity in the research area has enabled the Mathematics department to cater to the needs of the various Departments and faculties of the University. He mentioned the two programs IMF and

EMF which are student based events organized by the department. He went down memory lane to recollect his college days in Kumbakonam which explicitly showed the impact of Srinivasan Ramanujan on him. Dr. Sundarammal Kesavan gave a warm welcome to the chief guest Mr. Suraj Venkatraman, Assistant Vice President, Business Development, Arisent, Chennai. Mr. Suraj Venkatraman recollected his days in SRM as a student in the Department of ECE. He delivered a talk on Big Data which was simple, clear and emphasised the need for rigorous Big Data standards in future. Mr. Suraj Venkatraman released the proceedings of the conference and handed a copy of it to Dr. Debanik Roy. The dignitaries on the dias were given a copy of the proceedings. The conference witnessed four invited talks “Numerical Solution of Solute Transport Model Using Cellular Automata” by Prof. D. Datta, “Fixed Point Theorems, Best Proximity Point Theorems and their Applications” by Prof. P. Veeramani, “Bilinear formal-

ism to nonlinear differential equations-A brief review” by Prof. R. Sahadevan, “Dynamic Decision Threshold-based Novel Sensory Data Fusion Under Heterogeneous Field Robotic systems” by Dr. Debanik Roy and on “Minimum Variance Unbiased Estimator of the Parameter in S(d) Distribution” by Prof. G. Nanjundan. There were about 80 papers presented on a diversity of topics in three parallel sessions. The sessions were interactive and informative. About 200 participants from various states attended and were benefitted. The presented papers are proposed to be published in the indexed journal Global Journal of Pure and Applied Mathematics. The valedictory session was held at the end of the second day. Prof. K. S. Ganapathy Subramanian delivered the welcome address. This was followed by the conference report by Dr. V. Srinivasan. The conference ended successfully with the vote of thanks delivered by Dr. S. Mohanaselvi followed by the National anthem and the photo session.

## CSI Student Chapter Inauguration

### Staff Reporter

Student Chapter of Computer Society of India at SRM University, Kattankulathur was inaugurated recently by Chief Guest Mr. H.R. Mohan / Immediate past president CSI, Chair IEEE/CS Madras Section, ICT Consultant & Former AVP (Systems) at Mini Hall-2, Dr. T.P. Ganesan Auditorium. SRM University, Kattankulathur has become CSI Institutional member and it has been accredited by Computer Society of India, the largest computer professional body in India. 125 students from B.Tech Information Technology, Computer Science and Engineering, and Software Engineering have been enrolled as CSI student members. Mr. H.R. Mohan, in

his inaugural speech highlighted the innovations and technological advancements taking place in ICT. He narrated how The Hindu has introduced Digital Technology in their online editions that helped to improve productivity by harnessing Information technology. He advised students to catch up with latest trends in the field of Computer and Information technology and innovate as well as to utilize Potential of ICT for betterment of the Society. He reiterated students and faculties to become members of IEEE / Computer Society for enriching their knowledge in their field as well as availing various benefits like access to IEEE Digital Library. This will help students to improve their professional skills and enable them to attend various conferences and programs conducted by IEEE / CS world over. The Chief Guest distributed the CSI ID card to all CSI student members and Dr. Amutha / HOD (CSE) and Dr. C. Lakshmi / HOD / SWE offered felicitations.



## SRM Alumni for the social cause

SRM Alumni from 1991-1995 batch organized a rehabilitation camp for the flood-affected victims in the villages of Thiruvallur District, near Chennai. They distributed rehabilitation kit such as bed sheets, towels, vessels, soaps, etc. to around 200 flood-affected families. It is a wonderful initiative by SRM Alumni.

During the distribution of rehabilitation kit.





SRM University Cricket team won the National Inter University Tournament organised by Saveetha University, Chennai.



Volleyball Men : Tamilnadu Inter University Winner



Basketball Men : Tamilnadu Inter University Winner



SRM University Tennis team won IInd place in the National Inter University Tournament organised by Devi Ahilya University, Indore



SRM University Tabel Tennis team won the South Zone Inter versity Tournament organised by Vikrama Simhapurai University, Nellore