



SRM
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The Chancellor with the winning team. Also seen in the picture (to the chancellor's left) is the Director of E & T



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Tarmac rush

(Conrods Off-Road Racing)

Sanika Lakshmi
Bipul Lohia

SRM University has known to produce exceptional innovative minds, an example of which was recently displayed at the Baja Auburn 2015, the annual off-road racing extravaganza. The intense competition saw over 100 teams fighting to prove theirs was the meanest machine.

‘Conrods Off-Road Racing’ which initially began as a hobby in 2009 expanded their horizon to National as well as International levels. They were incepted by the department of Automobile Engineering, SRM

University.

Every year they participate in the national championship organised by the SAE (Society of Automobile Engineering). This year 400-odd teams applied out of which 120 made it through the Virtual round. Various tests followed which finally led to the Endurance round. The team grabbed the top spot in Manuverability and won the Go-Green Award. They fared exceedingly well, clinching the 9th place overall.

The team comprised of 25 members consisting of 2nd, 3rd and 4th year students of Departments of Mechanical and Automobile Engineering. They include a captain, vice-captain,

technical director, professional driver and a faculty advisor. They tested their vehicle in the campus and also in a vacant area in Potheri to get a more realistic experience.

Be it design, suspension maintenance, acceleration capabilities etc, the team built it all by themselves, battling against the likes of world-class vehicles. Fuelled by their passion for machines, hard-work and support from SRM University, the team soon garnered sponsors who provide funding and vehicle parts to meet international standards. Every year around March, they recruit new members, following a tough selection process to carry on their legacy.



Vice-Captain and Team-Driver Abrar Bin Ayubsaid “We work day in and out perfecting the vehicle. With very little social

life, and this workshop for our home, we devote everything in it, all so that things pan out well on that fateful day.”

MIT Make in India

Staff Reporter

MIT make In India Program main Aim was to make the young engineers Learn about the Innovation, Fabrication & Entrepreneurship. To use all these skill to make an impact in society. This program was a joint venture of MIT and techtop India. Our mentor was MR Rajesh Nair, Director of the Innovation & Entrepreneurship Center at the Asia School of Business, Kuala Lumpur. He is also a Visiting Scholar at MIT-Tata Center

10 people from MIT USA were selected and 10 people from all over the India. Student and professional with work experience of more than 10 years applied for this prestigious workshop(it was open for all student and professional). For the continuing to attend the workshop we had to make a device in a week which should be helpful to the society. The first week program was held in Mar Baselios College of Engineering and Technology ,Trivandrum Kerala.

Luckily I was among the top ten to continue my journey in Kerala. I was the only person from a private university, rest of people were from either IIT , NIT or working in company for years . After completing the first week we went to a small village in Trivandrum to stay there for rest of the 3 weeks. Main aim for staying in a village was to see the problem and experience them first hand.

For the next one weeks we were taught the fabrication, right from the 3d printer to laser cutter . Then came the final test to look for a problem in society and help them. Our project team had 9 members. 4 from MIT and rest from India. We picked a problem which included women empowerment. Basically the locally women had a talent of making home-made soap . we created a business plan for them and pitched in front of VIP on final day. As a result three people including me are getting 25 lakhs from Kerala government for women empowerment

Mukund Nair bags award

Staff Reporter

SRM student bags first place at international case reports conference. In a recent event held at the Saveetha dental college, a student of SRM Kattankulathur Dental college Mukund.R.Nair has won the first place in the paediatrics dentistry section , undergraduate category. The event, Showcase 2015 was held on 9th and 10th of may 2015 at the Saveetha Dental College,Chennai. The event was jointly organised by the Saveetha University and the Madras branch of the Indian Dental Council and sponsored by Prevest Dental PRO.

The conference was unique and was held for the first time at the Saveetha University and was attended by almost 400 dentists and dental students from across the world. Almost 300 case reports dealing with interesting and fascinating dental and facial anomalies and diseases along with its treatment was presented. The event segregated participants into undergraduats, postgraduates and practitioners and further based on the branch of dentistry dealing with the case.

Mukund. R .Nair who is



currently persuing his internship at SRM Kattankulathur Dental College got the Pedo Master Award for the best paper in paediatric Dentistry , undergraduate level.The case presented was on primary teeth molars having a single root , which is a rare dental anomaly as they usually have multiple roots.

The condition is extremely rare and the paediatric dentistry

department of SRM Kattankulathur Dental College under the leadership of Dr. Kavitha Ramar is proud to be one of the first institutions in a global level to discover such an anomaly in multiple primary teeth. The event was indeed a grand success with two days filled with cases and interesting discussions and all the participants surely left the podium with better knowledge and confidence.

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Winning the Concrete Canoe Racing

Staff Reporter

The National Concrete Canoe competition at IIT Madras in association with the Indian Concrete Institute was held in similar lines to that of the ASCE Concrete Canoe competition in USA. The prospects of organizing such an event can be overwhelming. However, the venue was a fitting place for India's first concrete canoe competition and was conceptualized by IIT Madras professors.

Team SRM considers itself fortunate to have taken part in India's first ever concrete canoe competition. The competition posed a unique opportunity for the students of Civil, Architecture and Ocean Engineering. Two enthusiastic students of the department of Civil Engineering; Adithya Eswaran and Vishruth Krishnan embraced the idea and initiated the formation of a team of 12 members under the guidance of Mr S.Pradeep Assistant Professor, SRM University.

In the months following the formation of the team, many hours were put into research and development of the canoe design. The first challenge was to come up with a concrete mix which was light and had adequate strength. This was done by the mix design team (constituted by Adithya Eswaran, Vishruth Krishnan, Shriya Singh, Jinesh

R Sanghvi, Sayana Sherif, Siddhart Satish & Namrata Solanki). Parallel to this, the structural design team (constituted by Abrar Bashir Malla, Muhammad Essa Abu Bakar, Sai Sabarish M) held the baton to design and give the right stability analysis. Softwares were employed for the same and 150 structural concepts were revisited. We also had Peerzada Abdul Basit to help us during the race who is currently pursuing his M.Tech in Structural Engineering. Over 20 mix designs were experimented with and tested with materials until we arrived at our final concrete mix. The structure was finalized upon after a lot of deliberation, alteration and analysis.

On the 12th of July the canoe was finally cast. These strenuous 6 hours were preceded by days of preparation with the building of the mould, acquirement of materials. The competition had registrations with 35 teams from six states and as the competition proceeded teams were eliminated on the basis of failure to submit the required interim reports. On the day of 20th August, 19 canoes descended upon the campus of IIT Madras from colleges across the country. Participation was seen from prominent institutions of the country. IIT Bombay, NIT Trichy, VIT Vel-



The Winning team

lore, SRM Easwari Engineering College and SRM University, Kattankulathur stood among the 19 teams selected for the third round. Inauguration ceremony took place on the 20th of August and the organizing committee off IIT Madras welcomed the 19 teams. 21st August was an exciting day as 18 of the 19 canoes were able to successfully complete the race. SRM University Concrete Canoe Racing Team set the record at 52 seconds (Boy-Boy) to complete 50m. Rowers of the team Abrar Bashir Malla & Muhammad Essa Abu Bakar were elated to have done so. Out of the 19 teams, the organizing committee qualified 10 teams for next day race namely; RMK College of Engineering (Two teams), Amrita College of Engineering (2 teams) Coim-

batore, Prathyusha College of Engineering, Poornima Group of Institutions (Jaipur), NIRMA University (Ahmadabad), SRM Easwari College of Engineering, SRM University Kattankulathur, & IIT Bombay. On the 23rd of August (Final race day), SRM University broke their own record and had the fastest lap at 32 seconds (Boy-Boy). In the boy-girl race SRM had another record at 42 seconds by rowers Muhammad Essa Abu Bakar & Sayana Sherif. The girl-girl race of the SRM University team at the competition finished with 60 seconds by the rowers; Shriya Kumari & Sayana Sherif. However, the organizing committee at IIT Madras allotted 30% of the points to the race and the rest 70% was given to technical aspects such as report submissions, poster

presentation, adequate design, research and aesthetic beauty of the canoe. Based on overall points the national championship was won by SRM University, Kattankulathur, second position was taken by NIRMA University, Gujarat and third position was shared by two teams from RMK College of Engineering, Chennai.

We would like to thank our Chancellor for the support extended to us, the Director of Engineering & Technology for his full fledged support and resources, Estate Officer for the provisions and resources provided and Professor and Head of Department of Civil Engineering for his continuous support. Also, our sincere thanks to other teaching and non-teaching staff of SRM University who helped us.

More than Just a Radio MCR 90.4

Akshay Kalyan
Kavya Jayanthan

"As every Radio listener knows, it's amazing how much you can see with your ears."

In 2006, SRM University saw the introduction of its very own radio team, Muthucharam Community Radio 90.4. It has been 9 years and the club has transformed into an empire,

living up to its motto, "more than just a radio." Mr. Karthik, a music composer, monitors the activities of the professional crew. This team also has a branch exclusively for the students of our university.

As the tagline says, MCR is a multifunctional unit. From arranging recreational programs for the people of nearby locality to talking about social issues in their radio shows, their focus is not restricted to on-campus happenings. Being a bilingual channel, it has a reach of around a 10km radius around the campus. The professional crew has shows from 8:30 - 4:30 PM on weekdays with the language

of communication being only Tamil. They talk about a wide spectrum of topics ranging from Agriculture and healthcare to Business activities and also a

dose of good old Tamil music. Apart from running the radio show, the multifaceted professional team also provides various social services in the

nearby villages along with hosting lectures and cultural programs.

The student team, headed by Mahadev, Nitin and Mahesh, has their show from 4:15 - 5:15 PM, weekdays. They have a team of 17 members which includes RJs, HRs, and PRs. Their thoroughly entertaining schedule includes Buzz, Music Express, Crazy Corner and many more. They, not only play songs and cover the daily news, but also make the shows more interactive by having telephonic conversations with passing-by students in Java as well as interviewing alumni who have made it big. Tune into them every day!



Shuru' 15

Staff Reporter

College life embarks the new students towards the starting steps of the adult life. Coming out from the care and custody of the parents, they begin to face the world of their own. Memories of a lifetime are often created during the freshmen year. 'SHURU' which aptly means 'The Beginning' is the first event of their new life.

SHURU'15, the annual cultural competitions for the freshers was held on 8th August, 2015 in the Dr. T.P.Ganesan Auditorium. The day long event was inaugurated by the Director – Student Affairs after melodious prayer rendered by Samrutha Sunil Kumar – final year, Biotech. After the inaugural address of the Director, Amantritha – final year (Chemical), mesmerized the freshers with a scintillating Kathak performance.

Individuals and teams short-listed for stage performance after an elaborate audition conducted on 1st August, 2015, competed in various events and the winners and runners up were adjudged by competent judges.

Solo Vocal, Instrumental and Band

This much awaited competitions followed after an enchanting host performance by the music club of the Directorate. In this event, seventeen students participated in the eastern, western and classical category who

entertained the listeners with their voice and talent. Saptarishi (EEE)- Lahiri (ECE), Utkarsh (IT) – Sarvagya (CSE) and Noah (CIVIL) – Neha (IT) were announced winners and runners for classical, eastern and western category respectively. Philip (MECH) and Encide (BIOTECH) were announced the winner and runner of Instrumental competition. The band 'The Obvious' was the winner and 'Roadsters' was the runner in the band battle. Ms. Vishnu Priya play back singer, identified these talents.

Solo Dance and Triples

Fourteen young students and six teams of three students each, performed a variety of dances with great passion in solo and triples category respectively. Hridhya (MBA) was declared the winner and Abishek (ECE) the runner for western solo event while Krithikasonali (B.DES) and Akshay (B.SC – BIOTECH) were the winner and runner in the classical solo category. Team Troika won the first place while team RAS won the second place in the triples event. The performances were a mix of traditional and western. The results were announced by Mr. Shanmuk, a well known choreographer, who was the judge.

Drama

This competition saw six group and eight individual participants showcasing their talents. Dramabass and Nautankiwala by faculty of E&T bagged the first and second place respectively in the group performance. Saurabh Sarkar



The Vice-Chancellor and Director of Student Affairs at the Fresher's Program

(MECH) and Praghya Saxena (BBA) secured first and second prizes in the individual event for their monoact performance respectively. Mr. Deepak, film actor and Ms. Radhika, theatre artist decided the winners.

Group Dance:

SRM Dance Club set this event in motion by their brilliant host performance. Six groups participated with great enthusiasm to the delight of the audience. Mr. Shanmuk, known choreographer chose the prize winning teams. Fusion Diva and Falcon, consisting students from E&T won the first and second place respectively.

The respected Vice Chancellor graced the event, interacted with students to their delight and gave away the prizes.

Fashion Show:

The dazzling fashion show choreographed by the Fashion club Conveners was professional in all aspects and impressed everyone. Mr. Mukund Venkat and Mr. Shashi, renowned

There were two salient features worth mentioning. One, the enthusiasm of the freshers and their abundant talent. Nearly 1200 students registered for audition and the selected 150 of them participated in the final in the overflowing auditorium.

models identified the winners. Arundati (BBA) and Drishyanth (ECE) emerged as winners while Asmitha (IT) and Shrey (CSE) were the runners up.

MR. & MISS. FRESHER:

Aditya kumar (EEE) was declared Mr. Fresher and Neha Sharma (IT) was adjudged as Miss. Fresher.

The Director – Student Affairs

gave away the prizes to the winners. The daylong event came to conclusion with all the freshers excited about the years to come when they are at SRM University.

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The other one is the sponsorship by 'Rabblr', which is a social polling app. The company sponsored Rs.75,000/- for the event in return of enabling five thousand students to download their app. They also sponsored Rs.50,000/- as shopping vouchers to the successful students.

The Directorate wishes to place on record its gratitude to all those who have helped to make SHURU'15 a grand success.



Dr.Mohan being felicitated at the Congress

Dr Mohan felicitated at World Knowledge Congress

Staff Reporter

Dr K Mohan, Director - IITKM, SRM University has been awarded with an International jury award for 50 Most Influential Knowledge Management Professionals on 23rd July 2015, at World Knowledge Congress, Mumbai. The event was convened as part of the

World Education Congress at Taj Lands End, Mumbai. Some of the other influential knowledge management professionals who have been awarded are - Dr A Srinivasan, Global Head - Knowledge Management, TCS, Dr Piyush Gupta, Director - Knowledge Management, NISG, Ravi Kiran, Head - Knowledge Management, SAP,

Ved Prakash, Head - Knowledge Management, Dr Hariprasad Reddy, Head - Knowledge Management, Wipro Ltd, and other heads of knowledge management function in leading organisations - Deloitte, Capgemini, etc. SRM family congratulates Dr Mohan on his achievements and wish him many more such accolades.

Freshers' Induction at City Campus

Staff Reporter

The inaugural and induction programme for the freshers who joined the Faculty of Science and humanities at the Vadapalani, City campus. The courses offered are B.B.A, B. Com., B.C.A and B.Sc. Computer Science. Our honourable founder chancellor graced the occasion with his presence and presided over the function. Dr. R. Rajagopal, Dean, FSH (City campus) welcomed the gathering. He extended a warm welcome to the students and their wards. In his speech he highlighted the importance of education in this campus. He also assured the students that they will have an enriching experience during their course here at SRM and that they are safe in the able hands of the faculties.

The Director, FSH, Dr. R. Balasubramanian offered felicitations. He talked in length about the activities of our



The Chancellor being greeted by a Fresher of FSH

founder Chancellor and said "he is not only a politician but also an educationalist". The Director told the students that they can at any time visit the Kattankulathur campus of the SRM University and make use

of the facilities there. He also highlighted the importance of placements and indicated that almost 95% of the students in the Faculty of Science and Humanities were placed year after year. The rest opted for

higher studies or became entrepreneurs. He pointed out that the SRM University has been ranked among the top five institutions in India in respect of B.B.A and B.C.A courses. He further added that SRM

University was a ragging free campus.

The Chancellor in his inaugural address explained the brand name of SRM University and that this brand image was recognized all over the world. He also mentioned the various opportunities that the students had in choosing SRM University. The launching of the SRM Satellite and conducting of the National Science Congress were some of the achievements of SRM University that our Chancellor added during his speech. He also mentioned that the students can make use of the SRM IAS Academy which is also a part of the SRM Vadapalani campus, to achieve their dream of becoming civil servants. Two of the parents shared their immense gratitude and happiness in getting their wards admitted in SRM University. This was followed by the introduction of the faculty members.

How To Train Your Drone-What Flies Up, Must Land Properly

**TuhinaDas
AkshayKalyan**

Students of SRM University have been turning heads as part of the SRMUAV team. The team was established for students interested in designing and building customized Unmanned Aerial Vehicles by Dr. Narayana Rao, Director (Research) with support from Dr. C. Muthamizhchelvan, Director (E&T). It is under the guidance of Prof. G. Mahendra Perumal, Assistant Professor, Department of Aerospace Engineering and was initially headed by Sobin Santhosh, class of 2015, B.Tech(Aerospace).

Their drone cabinet includes SALUS, AEOLUS, Micro Quad Copter, ACE, VR and X2. Equipped with different payloads, the drones provide a wide array of applications. Not only can they assist in aerial photography and wildlife surveillance, but also in package delivery as well as stealth operations. Other applications include traffic monitoring, search and rescue missions etc.

The team has taken part in two major competitions. The first was held at BITS Pilani by The American Society of Mechanical Engineers, where the team not only won the contest but also received the award for designing the best air shaft. The other competition took place in the United States where 10 members of the team participated. There, they placed 38th out of the 55 teams participating in the event.

Their latest project involves a drone that performs inspection on a wind-mill. "We have built a hexacopter capable of shooting high-resolution images of wind-mill blades to capture even its tiniest fractures, and will be industry-ready by this January," says Bharat Mathur, SRMUAV team leader.

With steady focus and determination, the SRMUAV hopes to solve civilian and military problems with use of unmanned aerial vehicles. This team is sure to make waves in the future.

Welcoming Freshers @ Vadapalani

The 7th Induction Day was celebrated in SRM University, Vadapalani campus on 22nd July 2015. The function began with the welcome address by Dean, Dr. K. Duraivelu. Dr. T.R. Paarivendhar, Chancellor presided over the function. Dr. T.P. Ganesan, Pro-VC also attended the function. The inspirational address of Chancellor highlighted the outstanding contribution of SRM University in the launching of satellite and the remarkable achievements of the students in academics and placements in the University.

The alumni shared on the impressive academic guidance and support rendered by the University in creating their promising careers. Parents also registered their contentment and great pride in University's contribution to the overall development of their wards. Dr. C. Gomathy concluded with vote of thanks.



At the Induction program of E & T

Providing International Exposure

Staff Reporter

SRM University celebrated yet another notable step forward taken by SRM IHM in collaboration with UCSI University, Malaysia, to provide students an international exposure through an experience with will not only help them in fulfilling their dreams, achieve excellence in their field but will also help in various career & entrepreneurship opportunities & on completion of such studies they will be awarded with dual degree.

Built on the principles of audacity, perseverance, integrity and excellence, UCSI University is a leading institution of higher

learning with campuses all over Malaysia. Their faculties, equipped with state-of-the-art facilities to meet student needs offer a wide spectrum of academic programmes, ranging from Medicine, Pharmacy, Nursing, Engineering and Architecture to Music, Multimedia, Education, Liberal Arts and Hospitality. UCSI University: 29 years and counting, is a vibrant community of learning and scholarship. With more than 10,000 students from 80 different countries, the University stands out as a melting pot of diversity. As one of Malaysia's first private universities, UCSI University has long impacted the national higher education landscape and the University continues



At the MoU ceremony

to do so with its wide range of undergraduate and postgraduate programmes.

The session was graced by Senior Professor Dato' Dr Khalid Yusoff (Vice Chancellor & President UCSI University), Mr. S K Kalaiarasan (CEO of Tharsal Training Academy Malaysia) & Mr. Nadesan (Director, SRM TRP Properties & Investment Pv Ltd). The collaboration with UCSI University intended in helping

our students to pursue a course in UCSI University Malaysia along with an internship & the MOU which was signed between the universities will make the transition seamless. At the end of the session the delegates were felicitated by our Director Principal which was a small way to appreciate their presence.

Well it was time for a dual celebration as post the MOU signing SRM hotel launched

a fully revamped menu for its eating outlets. The menu is designed by Chef Jugesh Arora, celebrity chef, who is an expert in the culinary field. He mentioned that he had planned the menu in such a way that every food item is made with less oil, ghee, butter, spices so that the health quotient can be maintained which is of immense importance in today's generation during tampering with the taste.

Enhancing Skills

Staff Reporter

An Upskill workshop was conducted for students of SRM IHM by Merit Group. The three day workshop dated aimed in developing a variety of skills required to excel in the profession & tips required to stand out during interview sessions. The workshop was conducted in six sessions & the 2nd & 3rd year students enthusiastically took part & they thoroughly enjoyed all the three days. The trainers from Merit group were Mr. Robinson Rex (Manager),

.... module focused on the difference in lifestyle during college & corporate life. This helped the students to understand the true reality....

Team Leader Mr. Meriayappan & Ms. Smriti. On the first day the trainers were welcomed & introduced which was followed by a warm up activity as an ice breaking session. The next module focused on the difference in lifestyle during college

& corporate life. This helped the students to understand the true reality. Then a module on business etiquette was shared. They also taught how important it is to stay focused & optimistic. The next day, the session was all about goals in life & how to achieve it. They also emphasized on attentiveness, patience, knowledge & communication which are important tools to shine in any organizations. The third day students were asked to participate in role plays, which made the session lively & energetic. Then it was followed by group discussions.

The workshop wound up with the best speakers & group performances getting rewards & honour by Director Principal, SRM IHM.



Clean India Campaign

Staff Reporter

The noble initiative launched by Ministry of Tourism, Government of India to spread awareness for cleanliness in public places and places of Tourist interest was well received by SRMIHM Chennai, which is affiliated to National Council for Hotel Management & Catering Technology, Ministry of Tourism. As many as 30 students accompanied by two faculty members came forward to have a meaningful engagement in Clean India Campaign at Mahabalipuram Beach.

The Participating students were provided with necessary kits and coach to reach target venue to have a real time ex-

perience of clean India drive. They collected garbage thrown around by visitors on the beach by spreading a clean India message with humble effort to educate visitors and onlookers found around the beach. The litters, plastic covers, other waste materials were picked up and collected by the students were safely disposed off.

Our Director and Principal flagged off the campaign and brief the students about its noble cause.

The purpose of the message is not to be confined to a single spot like Besant Nagar Beach but the need of the hour is to educate the public to spread the message of CLEAN INDIA.



69th Independence Day Celebrations at SRM

Confidence is what we have to regain... Vice Chancellor

Staff Writer

Stressing that college is the best place to embark on a journey to honest life, to excellence, to regain confidence and become responsible contributing members of society, the Vice Chancellor of SRM University, Dr. Prabir Bagchi, exhorted students to reflect on the moral dilemma facing India—rampant corruption, influence peddling, scandals in all walks of society, distortion of truth, lack of moral and intellectual independence.

“We must stand up to this menace and retake our country from the clutches of vested interests” Dr. Bagchi said. The Vice Chancellor was delivering the 69th Independence Day address at the Kattankulathur Campus. “Long years ago we made a tryst with destiny, and now comes when we shall redeem our pledge, not wholly or in full measure, but very substantially. At the stroke of midnight hour, when the world sleeps, India will awake to life and freedom. A moment comes, which comes but rarely in history, when we step out from the old to the new, when an age ends, and when the soul of a nation, long-suppressed, finds utterance. It is fitting that at this solemn moment we take the pledge of dedication to the service of India and her people and to the still larger cause of humanity with some pride”, the Vice Chancellor recalled Jawaharlal’s Nehru’s “Tryst with Destiny” address to the nation at the stroke of midnight on August 15, 1947.

“Sixty eight years ago, we became a free nation after hundreds of years of foreign invasion and oppression, and prolonged struggle for freedom. He reminded us of the challenges and our responsibilities. As we look back it is natural to ask, “Did we accept the challenges and responsibility? How good did we do? There is no doubt that we have made a lot of progress since then—literacy has gone up, life expectancy has gone up, poverty has gone down, respect in the world community has gone up. But have we done enough?” the Vice Chancellor pondered.

He recalled what the American



The Vice Chancellor unfurls the national flag and takes the salute during the impressive parade

President, Franklin D. Roosevelt said. “True individual freedom cannot exist without economic security and independence. People who are hungry and out of a job are the stuff of which dictatorships are made.” Have we given our people economic security”, Dr. Bagchi asked.

“... let us look at the report card—five hundred years ago, India’s GDP was about 25% of world’s GDP—imagine this—we contributed to 25% of the World’s GDP—perhaps 25% of World’s wealth. Today, India’s contribution merely is 1.5-2% of World’s GDP—so from 25% to 1.5%—So, what happened? Five hundred years ago Foreigners envied us—they all came and looted us—they were envious of our riches—plundered our wealth—Europeans, Moghuls and ended with the British who colonized us for over 200 years

and did something Extremely damaging. They destroyed our education system—they broke our backbone—AND with it our self-confidence. Lord Macaulay, British Diplomat, famously said—and I paraphrase—if we do not destroy the education and culture of this place, we would not be able to govern India. And the rest is history—there was systematic destruction of our ancient education systems and we became dependant on the British for everything and we lost confidence in our ability and we lost our way”, the Vice Chancellor pointed out.

“And now after 68 years since we gained independence we are still one of the poorest countries in the planet—More than 500 million of us live below the poverty line—infant mortality higher than many African countries, life expectancy is

only 67-68 years—many people do not get clean drinking water and our Prime Minister has to announce a plan to “Clean India” because a huge section of people do not have sanitation facilities in their homes. What happened?”, he continued.

“We lost confidence—we often say we cannot do it, it is too hard ...CONFIDENCE is what we have to regain. We have to believe in ourselves—we are as good as any other nations—we can do it, if we put our minds to it—nothing is impossible. AND we can and we must do it ... and that is where our hope lies on you” he said.

“We hope you dream bigger, work for your dreams as we have great expectations from you. Search far and wide for yours, and make a promise to yourself that you will start pursuing

them. AND you have to start it right here and now—believe in your capabilities; strive hard to attain your goals. You may fail sometimes—that is normal—but spring back and redouble your efforts—success is yours to achieve. DREAM BIG and work hard—you will achieve it. And when you achieve success, be sure to lend a helping hand to the have-nots” Dr. Bagchi said.

This year Independence Day celebration started off on a high note with the Vice Chancellor accorded a Guard of Honor upon arrival at the venue which was followed by an inspection of the NCC Corps. After unfurling the national tricolor and the national anthem, the Vice Chancellor witnessed an impressive parade. A huge turnout at the Tech Park made all the difference.



S. Dhivya, M. Sriram, M. Vishal, R. Keerthana, R. Ajeetha, R. Sainitya, and V. Kalyanaraman

Students foccused on Research

Staff Reporter

Tissue Engineering and Cancer Research Laboratory (TECRL) is a multifunctional laboratory located in the Department of Biotechnology, School of Bioengineering, SRM University. The laboratory aims at training undergraduate, post graduate and Ph. D. students in research and it promotes research activities and translates them into patentable products and research publications. Ms. S. Dhivya (M.Tech. Biotechnology, 2014) completed her final year project in TECRL. She was involved in synthesizing a novel hydrogel for bone tissue engineering applications. She published a review article entitled "Metallic Nanomaterials for Bone Tissue Engineering" in the Journal of Biomedical Nanotechnology with a high impact factor of 5.338 high-

lighting her research knowledge in the field of Nanomaterials and tissue engineering. Corroborating both in vitro and in vivo works for studying the novel hydrogel, she published her research work in the Journal of Nanobiotechnology with an impact factor of 4.115. The developed novel hydrogel was found to be promising in treating bone defects and the product has been filed for a patent to IPR, India.

Sainitya R, Kalyanaraman V and Sriram M, three young B.Tech students (2015) started their research career at TECRL with the primary work on biomaterials and microRNA. They published review and research articles in the International Journal of Biological Macromolecules with an impact factor of 2.858. Vishal M, Ajeetha R and Keerthana R, another group of B.Tech students (2015) worked at TECRL for their final year

project in osteoblasts and microRNAs. The outcome of their research work is a review article much recently published in Current Protein & Peptide Science with an impact factor of 3.154.

Working now in the laboratory are another set of talented students aiming at making a difference in personality among other students by their contribution in research. "With continued support from the SRM University management, training and guiding students towards research, translating research into research papers and products for human welfare are the major goals of our laboratory" says the laboratory mentor Dr. N. Selvamurugan. TECRL is funded by ICMR, CSIR, DST and DBT, India. For more details, visit <http://mysrm.srmuniv.ac.in/tecrl/>

Hacking to prominence

Aashish Boddeti

We all know that SRM University provides opportunities to those who seek. One such opportunity came in the form of Student Abroad Program (SAP) to the ambitious Sumanth Reddy Pandugula. The Computer Science Engineer had spent one of the most defining moments of his life at the prestigious Carnegie Mellon University (CMU). His passion was fueled with the opportunities present there and thus he, along with two other students, took part in the Facebook World Hackathon. Having won the Facebook API prize, the trio have had a successful journey at the competition, held between the top Universities of around 13 countries, and had made it to the finals, which is to be held in the month of November.

The winning idea, Auto TBT or Automatic Throwback Thurs-

day, is an application which uses a single button to upload a random picture from the previously uploaded picture and posts it to Facebook and Instagram every Thursday. The #tbt or #Throwbackthursday was trending on all the major social media sites and had created quite a stir grabbing the attention of nearly 750 million people all around the world.

Sumanth has just returned from CMU, swelling with pride and inspired by the knowledge and experience gained, making him even more passionate towards his field. His eyes set on the finals, awaiting the end to this annihilating journey which is to be held in the Facebook Headquarters - California, hoping he would snatch the Facebook World Hackathon crown from the deemed universities such as MIT, Princeton, Harvard and Yale.



Sumanth Reddy Pandugula with his team

Fifth Batch of the SRM IAS Academy

Staff Reporter

The 5th batch of the SRM IAS Academy came to a close on 7th August 2015. This batch saw the coaching of about 40 students for the IAS preliminary examination – 2015. The students were offered training in various subjects such as History, Geography, English, Aptitude, Economics, Science and Technology, Current affairs, Polity and Public Administration. Frequent tests were conducted to enable students to get a feel on the examination patterns followed in the IAS preliminary examination. Eminent and experienced faculty were roped in to provide excellent inputs to the aspirants. The students

were also groomed in English communication skills and interpersonal skills throughout their study at the SRM IAS Academy. The coaching classes spanned a duration of almost 6 months. All the students gave a positive feedback about the coaching classes that were conducted at the Kattankulathur campus of the SRM University. Apart from the dedicated library for the aspirants, they also made good use of the huge library at the University campus and also the internet facilities provided to them. Overall the students were excited to be a part of the SRM IAS Academy and we hope that many among them will qualify in the preliminary exam and come out with flying colours.

World Class Technology

Staff Reporter

SRM's Urology Department has now the Olympus P6 (Flexible Ureteroscope) and Sphinx Junior (Holmium Laser).

With this new addition we humbly say our armamentarium is complete to treat all patients comprehensively in a single setting that equals world standard

at a very affordable cost.

With this very advanced Olympus P6 scope and Sphinx junior 30 watts Laser, the horizon of indications for treatment is now widened from stone management to include diagnosis and treatment of malignancies of upper urinary tract.

The inauguration of the in-

struments was done on July 14th 2015 in the Urology OT by Pro Vice Chancellor in the presence of our Dean, Medical Superintendent, Additional Medical Superintendent, Head of Department of Urology-Prof. RM. Meyyappan, Prof Vairavel and HOD Anaesthesia and Asst Professors of Urology and Anaesthesia and OT staffs.



Inauguration of Flexible Ureteroscope and Homium Laser By Pro-VC-Medical



Enigmatic plodders showcasing the sum of their efforts.

Enigmatic plodders

**Sanika Lakshman
Zafar Faraz**

Quad bikes - These messengers of what seem like vehicular warfare weigh over 350 pounds, built of reinforced steel, designed to conquer the roughest of terrains are actually conventionally used in farming applications in India.

Taking inspiration from the application, Vishal Kumar, a then second year student came up with the idea of starting SRM's own quad bike team - Enigmatic Plodder.

Fast forward to today, this team has 23 dedicated members, from various streams of engineering.

They develop bikes based on concepts right out of engineering textbooks like engine

transmission, suspension and fabrication. Few of their patrons involve Sharda motors along with SRM University.

Recently they took part in their first championship, held in Haryana -Dhauj, for which over 243 teams from all over India registered, and after being subjected to static and dynamic tests, this number dwindled to 40 teams qualifying for the Endurance Round in which the Enigmatic Plodder secured an 10th place overall.

The team transformed the Tech Park Drawing Hall into their workshop and trial ground, testing their machines day in and day out so as to get the desired results. The team captain, Satish Venkatesh, has faith that the juniors will aim at taking the game to an international platform.

A Simple Man- Remembering Dr. Kalam

Razaq Saheel

When I first read Wings Of Fire as a child, what struck me most about the book and still resonates through my mind was that even though it is an autobiography, the book was filled with comparatively little details about Dr. Kalam. Instead, it focused on life in a small town in Tamil Nadu, where people of different religions were the thickest of friends and where children ate on banana leaves on kitchen floors as their mothers watched over them. Then the narrative turns to Madras and the golden era of its universities, nostalgically reflecting on the incredible drive and scientific temperament of its students. Afterward it was about India's missile program in DRDO and the birth of its space program, mapping its childhood spent in old run down Churches in South India to its transformation into ISRO, a full blown international space technology super power.

Even though the book dealt with such significant and scientifically complex issues, the simplicity of its language and the flatness with which Kalam describes his achievements in India's scientific community made me feel that the man



Dr. A.P.J. Abdul Kalam

himself truly wasn't special. Indeed, he himself never wanted to be seen as someone born once in a million years. His account made me feel that he could have been anyone - any bright eyed aspirant from a South Indian or North Indian town hungry for knowledge or any open minded, well mannered and respectful Indian willing to look at the world differently from others. Hair style, devout religiousness, compassion, a deep

and equal love for the Arts and Sciences and an unquenchable thirst for acquiring knowledge and sharing it with everyone, especially newer generations, were attributes of this great man who seems omnipresent in the story of India's steps into the future. He was not just a visionary. He wasn't just an inspiring figure. He was a prototype in every sense. That was all. That was his greatness. And that is how I want to remember him.

RUN! Placements are here!

Anand.M

It is not such an uncommon sight to see a student undergo a flurry of changes come final year. From a mischievous trouble-maker during the first three years of college, his transformation to a serious-minded, focused individual is quite remarkable. All of a sudden, the latest movies and the newest restaurants lose their appeal. His CGPA, too, reflects this sudden seismic shift in attitude.

In the final year, cycle tests and model exams lose the aura that surrounds them for something much more important hovers just around the corner. The students approach placements with their game face on. Incessant texting on the phone slowly gives way

to endless hours spent in honing one's quantitative and analytical aptitude. Students with sound programming skills appeal to recruiters like hot buns would to a bunch of hungry students on a cool evening. With every passing day, tension mounts on the students who haven't yet been placed in a company of their choice. Parents, too, become increasingly apprehensive over the future of their children.

While not everyone appears for placements, most of them have a definite plan in mind. Some are busy preparing for an entrance exam to pursue further studies, while the rest plan to start their own business. However, the rare few stutter about without a care in the world as if the excitement of campus recruitments were

overshadowed by their own thoughts.

The most exciting time during the final year is when the mass recruiters come to town. They grab students by the bucketful and all of a sudden, tension and nervousness are replaced by joy and laughter. The post-placement days are filled with status updates on social media. Lavish dinners and holidays to hill stations soon follow. Despite all the commotion that is associated with the campus recruitments, there exists among the students a strong friendship and camaraderie that is devoid of any jealousy whatsoever. We, at SPECTRUM, sincerely wish all the final year students the best of luck in their future endeavours.

Aborigins - Connecting The Right Demand With The Right Supply

Zafar Faraz

Have you ever stayed awake at night, troubled by hunger; wishing some restaurant had kept its shutter open all night?

Aborigins - a start-up venture by the students of SRM University offers HR Solutions, starting with its first project - Order Made. It is an initiative that aims at delivering quality food to hungry students at odd hours in the night. An enterprise that began from a core team of five people now has a close knit circle of about thirty. They work from 10 PM to 3 AM, (restaurant tie-ups? How do they manage delivery etc?)

After the roaring success in Abode Valley, the concept was bought by a Bangalore based company owing to its unique appeal and profitability.

With its own baby thrown to the wolves, the founder of Aborigins, Kalyan Tripathy, a fourth year EEE student said "Aborigins isn't a one idea enterprise, it's a strategising enterprise. When one knight falls another one takes its place."

He mentioned that this team are currently working on publicity for events held in Chennai hosted by various national and international NGOs in affiliation with SRM students.



Prof Balaji Kannan

In Nigeria as a Resource Person

Staff Reporter

Prof Balaji Kannan from Faculty of Management, SRM University Kattankulathur campus visited University of Port Harcourt Business School, Nigeria as a resource person for a three day workshop.

The theme of the workshop was “Enhancing Employee Creativity in a Changing and Competitive Environment”.

There were some 150 plus participants for the three day workshop which was inaugurated by Prof Ndowa Lale, Vice Chancellor, Port Harcourt University Nigeria. The key note

address was delivered by the Vice Chancellor followed by three sessions on the first day which includes a session on “How to enhance the employee creativity using technology was delivered by Prof Chris Imafidon, Cambridge University London. This was the highlight on the first day (ie 12th Aug 2015).

The second day (ie 13th Aug 2015) witnessed four sessions which included the session on “Financial Statement Modelling using Excel” which was delivered by Prof Balaji Kannan of SRM University, Faculty of Management with the help of the financial data of IT Major Infosys Technologies.

Art of Steve Joblessness: Cracking the Rahul Yadav code

Aashish Boddeti

It is the age of technology and young India has come up with many brilliant ideas and innovations leading to numerous start-ups. One such undertaking is Housing.com, led by dynamic CEO and co-founder - Rahul Yadav. This business tycoon, who is possibly the Kamaal R Khan (KRR) of entrepreneurship, constantly strives to create a ‘better’ working environment. He tries to bridge the gap between ‘baseless’ professionalism and outspokenness to create a ‘faster’ communication process. He picks on his opponents and potential allies to foster ‘healthy’ competition between the entrepreneurs of India. Not even his own board members and employees are spared!

The outrageousness of Rahul Yadav has no limits and it runs amok as long as his tenure as CEO prevails. Alas! Housing.com’s board members don’t seem to enjoy his rants as much as we do. This ‘Cool CEO’ is a tactical mastermind and deserves an award due to the ‘good’ publicity generated by him. From addressing an older CEO as ‘Dude’ and telling him to not mess with him, to calling his board members intellectually incapable of sensible discussion,

Rahul Yadav has poked all the holes in the ever deflating balloon of respect which has led to his downfall. His remarks caused further controversy when he expressed his hatred towards the CEOs of Ola Cabs, Infosys and Zomato, who understandably have not taken his comments well. Yet Rahul Yadav likes to remind us of the emoticon with sunglasses who does not give a damn and has his own rules.

Another antic which stunned everyone was the public donation of his shares to his employees as an incentive for them to perform better and his challenge to the CEOs of Ola Cabs and Zomato in a form of the recent

ice bucket challenges, hilariously mocking them and making a fool of himself in general. When confronted Rahul Yadav claimed his actions were solely to showcase to the world that ‘Housing’ wasn’t formed for capital and that he was too young to worry about money.

Since this mogul is finally jobless, I’ve crossed my fingers hoping he writes one of those self-help books on entrepreneurship. It would certainly be a humorous read. Even the thought brings tears to my eyes! So keep your eyes peeled on the humour section of your nearest bookstores, Rahul Yadav might just release a best seller.



Sustainable Construction

Staff Reporter

SRM University, Ramapuram Department of Civil Engineering took up initiative of nurturing young minds of the students and let them understand the need of industries and bridge the gap between it, so for that it has Organised a seminar on sustainable construction in association with “Association

of Consulting Civil Engineers India-ACCE (I) on 18th August 2015 in TRP Auditorium. Dignitaries for the function were Er.J. Tamilselvan, Chairman ACCE-Chennai Centre, Er. Umesh B. Rao, Secretary General ACCE (I) and Er. Pichayya, Past President ACCE (I) along with Dr. V. Subbiah Bharathi Dean (E&T), Dr. Antony Michael Raj, Vice Principal (Acad), Dr.

T. Ch. Madhavi HoD (Civil) and Mr. M. Jothilingam Faculty Co-ordinator. Seminar Started with Inaugural function beginning with invocation song, Lighting of Kuthuvilakku, then proceeding with Welcome Address of HoD Civil followed by address by Vice Principal (Acad) and Dean (E&T).

All the Dignitaries were welcomed with a bouquet and

Memento. All the dignitaries enlightened and encouraged everyone present by their inspirational words. Er.J. Tamilselvan mentioned about the ACCE contribution towards the civil Industry in India. At the end of inaugural Faculty Co-ordinator M. Jothilingam presented Vote of Thanks.

After the inaugural function Er. Umesh B. Rao delivered a key note talk about Design and its Structural Aspects in civil Engineering. He tried to put up complex things in simplified manner and being a versatile speaker he expressed his experience about what he had earned in the field and motivated everyone present there. Also he explained various perspectives about the structural impact on design, vice-versa. He also made an important talk about how easy is sustainability concept to be practised. His words will be

surely sustained in everyone’s mind present over there.

Er. Pichiya delivered key note address on aspects of sustainable construction and other avenues present in Civil engineering. He mainly explained current scenario by statistics about Indian construction industry and various practices. His address was highly informative and reflected the state of construction industry today and its scope in future. Er. Pichiya also explained about the Student Mentorship Programme (SMP) which is the brain child of ACCE (I) and elaborated the benefits of this program. The organised seminar was successfully transformed from a vision of active department to a reality on grounds. By all the available amenities and resources the programme was successfully conducted and students expressed their satisfaction.



Delegates at the meet



Erudite –Annual Quiz Contest

Staff Reporter

On 22nd August, 2015 a remarkable event was conducted by the TECH CLUB of the campus for the freshers, named ERUDITE(2K15) under the guidance and support of Dr.T.Ch.Madhavi, Head of the Department, Civil Engineering.

The event commenced with 210 participants grouped into 71 teams. There were a series of 5 rounds, each of it being an eliminator one. The students were highly enthusiastic to solve the questions in the first round which was based on their school level science and math.

The second round made the participants to work as a team as it was a 'memory game' and it had a huge welcome from the students. The third round was based on one's brilliance and ability to relate a series of things to come out with a solution as it was basically a connection round.

The next in the series was an ideal team work activity based round where it was required for the participants to move according to their groupmates directions and it was a complete physical round with a little requirement of smartness. The teams which made through the

fourth were consigned to the FINALE which was a rapid fire round between the best six teams who made it through the other rounds.

The event gained a high heed among the students. All the participants relished the event with a lot of enthusiasm which helped them to enrich their knowledge and to witness the fruits of teamwork. Two teams were declared winners of first and second prizes. The event was on the whole a well-organised & well-executed one, which was because of the Techclub office bearers and volunteers whose effort made it a grand success.

The Great Tech Debate

R.Yazhini Priyadharshini

"Phoebe, come have your dinner.", her mother calls out. "Coming Mother!", she replies as she glances at her cell phone to check for messages. "I'll just see my phone for five minutes and then go down." she thinks. Twenty minutes pass, after which she belatedly remembers about dinner. Sound like an every day occurrence, doesn't it? Now a days, we humans have reached a point where we are completely dependent upon technology. To say the change has been dramatic is an understatement. Personal digital communication was nearly remote a quarter-century ago—a niche techie add-on used by enthusiasts or businessmen. Yet today it stands at the centre of most people's lives and financial operations.

"I fear the day that technology will surpass human interaction. The world will then have a generation of idiots.", said Albert Einstein. Back then, you could

make do with out a computer. Today you can't imagine life without even a smart phone. The effects have been varied. Some would say they are mostly beneficial, while others would shake their heads at that view point. Almost every thing you know, or need to know, is a few clicks away with a PC, tablet or a smart phone. At the same time, we see people using their phones to call people in the next room! Parents may be moan the fact that their kids no longer read or go out to play but technology plays a considerable role in their lives as well. With cellphones, laptop and GPS systems, we are constantly communicating and interacting with a wider circle of people than before. It's also easier than ever to work from your home, to shop online and even conduct relationships through mail and Skype. However, studies have shown that there is a direct relation between the time spent on gadget and in creasing level so fobesity, violence, and break down

off amilies in our society. The best sciencefiction is n't really about the future. It's about what fascinates and frighten susin the present. We are familiar with The "Terminator" franchise which has introduced iconic sci-fithemes to pop culture. At its core, the "Terminator" story is largely technophobic -- a kind of worst-case-scenario, writ insanelly large. The machines have risen up against humanity and mankind is doomed. In that spirit, let's look at the ideas the "Terminator" has introduced to see how close they are to reality. The robot revolution has already begun- at 6ft 2in tall and weighing 330lb, Atlas is a formidable figure. Having 28 hydraulically actuated joints and stereo vision, it is able to walk through dangerous combat zones to rescue injured citizens. We are also familiar with the dangers of a hacked server. Such cases suggest that if things do go sideways, the "Terminator" scenario is set closer to the future than we think.

Legendary New Zealand Cricketer Stephen Fleming on a momentous visit to SRM University

Staff Reporter

Former New Zealand Cricket captain and present coach of IPL team Chennai Super Kings, Stephen Fleming enthralled a packed audience of students at SRM University on 20 August, 2015 with inspirational anecdotes from his illustrious life. The tumultuous welcome by the students, soon gave way to rapt attention as he extolled, as Brand Ambassador for New Zealand education, the virtues of the country as a destination for higher education.

His bat did the talking, as he took a volley of questions from the students, on his cricketing career. "Cricket is a demanding game" he said, "my parents wanted me to study but my interests lay in the game, I was fortunate enough to do well and make an exciting career in the game" he added. He advised students to back themselves, while pursuing any serious sporting activity, with solid education as collateral, to hedge any risks in future career prospects. To a question on key qualities a successful sportsperson should possess, he believed it was a dogged passion to succeed, but also an "abundant measure of humility was essential", he felt.

Stephen Paul Fleming, was born on 1 April 1973. He rose quickly through the ranks of New Zealand cricket to captain the national cricket team, known as the Black Caps, in Test and one-day cricket. He is known

for his astute tactical abilities, and was New Zealand's second-most capped test player with 111 test appearances, longest-serving and most successful captain, having led the side to 28 victories. He retired from international cricket on 26 March 2008. Fleming played in the 2008 Indian Premier League for the Chennai Super Kings after being signed for US\$350,000 and became the team's coach from 2009. In February 2015 he was signed as coach of the Melbourne Stars of the Big Bash League.

He was particularly noted for his captaincy, having been praised by the likes of Shane Warne as the "best captain in world cricket" and most recently, Graeme Swann who said that Fleming is one of the two true leaders that he's ever seen, alongside Andrew Strauss.

Stephen Fleming and the Vice Chancellor, SRM University, Professor Prabir Bagchi held wide ranging discussions on strengthening the relationship with New Zealand education and agreed on the need to define a roadmap for the future. "I am most impressed with the University, the sprawling campus and the many students one comes across, and it is my hope that we will see many new relationships blossoming", said Fleming signing off on what was a memorable day for SRM University, with a celebratory cricketer enthusing and motivating the students by his presence.



Stephen Fleming

Founder's Birthday Trophy

Founder's Birthday Trophy - 2015 was organized by The Directorate of Sports, SRM University. About 900 participants from 49 colleges and 8 Universities took part in the tournament.

Basketball (M&W), Volleyball, (M&W), (M), Football (M), Ball Badminton (M&W), Badminton (M&W), Tennis(M&W), Table Tennis(M&W) & Chess (Combined) were organized.

The tournaments were inaugurated

by the Vice Chancellor Prof.Dr.Prabir K.Bagchi. On 24th August 2015.

The Valedictory function was presided over by Prof. Dr.R.Balasubramanian, Director (Science & Humanities), SRM University. The Chancellor Dr.T. R. Paarivendhar distributed the prizes and blessed the participants on 26th August 2015 at 6.30pm. SRM University's Men and Women teams secured 1st place in all games except Basketball (W) and Ball Badminton (W) where it secured 2nd and 3rd place respectively

