



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

The Newspaper of SRM University

# SPECTRUM

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The Founder Chancellor and President of SRM University look on as the Chief Minister of Andhra Pradesh Mr. N. Chandrababu Naidu and the former Union Minister of Urban Development Mr Venkaiah Naidu inaugurate SRM's Amaravati Campus



Founder Chancellor SRM University, inaugurates the Public School as the President, SRM University looks on

## SRM chancellor inaugurates state-of-the-art Public School for young minds

### STAFF REPORTER

An offshoot of the prestigious SRM University, SRM Public School was officially inaugurated by the founder Chancellor, T.R.Paarivendhar of the university in an expansive 3 acres campus.

With the mission to “Educate minds and Enrich Life” SRM Public school strives to provide opportunities and facilities for holistic development by balancing academic demands with sports, cultural activities and community service.

“It is our intention that the students who graduate from SRM Public school will eventually become accomplished leaders in all of these fields.” was sounded

by the Chancellor and to live up to his dreams the school has weaved in the co-curricular activities within the school working hours. By intentionally bringing students from varied culture and background the school aims to help build understanding and appreciation across different cultures and sectors of society and in building consensus amongst people of diverse backgrounds.

The academic programme is based on the internationally recognised CBSE curriculum and designed to promote academic excellence, leadership skills, social responsibility and a pluralistic outlook.

The School’s purpose-built campus – designed with eco-conscious material– porotherm blocks to maintain the room temperature a few degrees less

than that of the external – a necessity in Chennai kind of weather, hosts state-of-the art academic spaces with dedicated robotics, science and computer laboratories and library. Its sports facilities include a sports fields, a cricket pitch, as well as tennis and football courts. There are track and field facilities as well as a center for yoga and dance.

The low student-to-teacher ratio optimises student-faculty interaction and greatly enriches learning. The school ultimately aims at producing future citizen of the society who demonstrate a strong commitment to community service and a desire to support the long-term development of their countries and regions of origin

## 12th Inter Dental Collegiate Prize Examination In Pharamcology

### STAFF REPORTER

The Twelvth Inter Dental Collegiate Prize Examination was conducted successfully. SRM Dental College, Ramapuram is the only College conducting Inter Dental Academic Competition in Pharmacology for Dental Colleges of Tamil Nadu and Puducherry.

Dr.R. Shivakumar, Chairman, SRM University, Ramapuram and Trichy campuses, Dr. Nafeesa Iqbal, Professor & HOD and Assistant Professors – Mrs. Vinodhini & Dr. Subashini of Pharmacology Department were instrumental in conducting this brain boosting programme.

Vice Principal and Clinical Society Chairman, Dr. Rajkumar, inaugurated the function. Dean – Academics, Dr. Saravanan, Ph.D., graced the occasion. Dean, Dr. K.Ravi, MDS., was a source of encouragement.

91 students participated from

16 colleges of Tamilnadu and Puducherry. SRM Dental College, Ramapuram, has been excluded from awarding Prizes. Still in the overall ranking, SRM Dental College, Ramapuram stands First for the past eleven years. This year, in the overall ranking SRM Dental College, Ramapuram students have secured the First and Third ranks.

The feedbacks were:

Appreciation for concentrating on academic competition, since most of the colleges conduct cultural competition only.

An innovative examination in Pharmacology with various objective type questions which were excellent, in depth and challenging.

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



Dr. Nafeesa Iqbal - HOD Pharmacology- addressing the gathering. Next to her sitting in the Chair - 1. Dean Academics - Dr. Saravanan 2. Vice principal Dr. Rajkumar inaugurated the programme. Also seen (from left) Assistant Professors - Dr. Subashini and Mrs. Vinodhini

## SRM Students pursuing their dreams abroad



### STAFF REPORTER

The students of Tissue Engineering and Cancer Research Laboratory (TECRL), Department of Biotechnology have been offered admission into doctoral programs at internationally acclaimed research institutes. They have been pursuing their research projects under the mentorship of Professor N. Selvamurugan. Vishal Mohanakrishnan, an M. Tech final year student, has been offered a fully funded Ph.D. program at the Max Planck Institute for Molecular Biomedicine, Germany

under Professor Ralf H Adams. Vishal has been working on the regulation of a transcription factor by micro RNAs in bone biology for the past two years. He has also published a research article in the Journal of Cellular Physiology which laid his foundation towards his career in Life Sciences. Shilpa Padmanaban, a B. Tech student, has also been admitted into a fully funded Ph.D. program in Molecular, Cellular and Developmental Biology at the University of Michigan, Ann Arbor, a top ranked USA

university worldwide. She has been working on the post-translational regulation of a transcription factor involved in breast cancer, and her research work contributed towards a research article which was published in International Journal of Biological Macromolecules. The dedication from students, the motivation of faculty, and the constant support and encouragement from SRM management are the key elements for their success to further pursue biology in the graduate studies and their graduate admission offers.



*The Chief Minister of Andhra Pradesh and the former Union Minister of Urban Development  
at the inaugural of SRM University / AP-Amaravati with the Pro Vice Chancellor, the Founder Chancellor and President*

## SRM AP, to be the first varsity in AP Capital Amaravati Sri.N.Chandrababu Naidu inaugurates the campus... new courses with MIT and UC Berkeley

### STAFF REPORTER

“I am sure within a span of five years, SRM University with 10,000 students would be a top ranked world class university, with multi stream research in the fields of engineering to management, liberal arts & humanities to law, medicine to health sciences to make Amaravati recognized by foreign countries as the best educational hub of the globe”, said Chief Minister N. Chandrababu Naidu while inaugurating SRM University, AP – Amravati.

In pursuit of developing this culture of excellence, SRM University AP - Amaravati has forged collaborations with the world's best universities, MIT and UC Berkeley College of Engineering, U.S., launching new program with design, innovation, and entrepreneurship focus for the first time in India

SRM is working with MIT, U.S. (Massachusetts Institute of Technology) for the design and

development of their curriculum through the use of MITx courses. These courses will incorporate the concepts of hybrid learning by utilizing both traditional and technologically enabled teaching methods.

“SRM is embracing a contemporary method of learning for the digital world, not before seen in India. We are working with international universities to develop a progressive curriculum. We will emphasize application oriented learning via projects and lab courses rather than monologues that are the typical feature of our classrooms”, says Dr. P Sathyanarayanan, President of SRM University, AP - Amaravati.

The faculty recruitment has followed a similar strategy with over 90% having international academic exposure and all faculty members having PhDs from foreign universities, IITs or IISc. Around 30 faculty members have been appointed across different disciplines and

over 20% of the faculty recruited are foreign nationals.

SRM has also partnered with UC Berkley College of Engineering, California, U.S., to enable bi-directional information exchange in the areas of engineering education. SRM will also be a global partner of the Jacob's Institute for Design engineering and the Sutardja Centre for Entrepreneurship and Technology (SCET). This partnership would establish centers of design, innovation and entrepreneurship at SRM, which would embrace the study and practice of “technology-centric” innovation bringing together technical depth, design methodology, and a focus on societal impact. SRM students and faculty will be provided the opportunity to travel to UC Berkeley to imbibe these ideas. Every year, 20 undergraduate students will be given the opportunity to go to UC Berkeley for a semester to study engineering at Berkeley with a defined set

of concurrent enrollment and boot camp courses.

“We aim to bring a confluence of international ideas, technological innovation, and social impact, creating an ecosystem of meaningful creation originating at Amaravati and impacting the entire state, nation, and the world.”, says Dr. Sandip Tiwari, of Cornell University, U.S., and newly appointed Vice Chancellor of SRM University, AP – Amaravati.

The university will also establish centres of Excellence in Renewable energy, Satellite technology, Internet of Things (IoTs), Blue Economy, Artificial Intelligence (AI) & Machine Learning, Rolls Royce – SRM Corporate laboratory, Jal – Janak Rail energy, and CRISPR for pushing the frontiers of modern technology. “Semester abroad programs and company internships across the world would also be present to create innovators and global leaders.” said Dr. Narayana Rao, Pro –

Vice Chancellor of SRM AP.

B.Tech programs in CSE, ECE, EEE, and Mechanical Engineering are being offered from the academic year 2017-18. To attract meritorious students, 50% tuition waiver is being awarded to students getting an aggregate of 90% and above in PCM subjects in CBSE or an aggregate of 95% and above in PCM subjects in any state board. The top 25 admitted students who meet this criterion would be given 100% tuition and hostel fee waiver.

Amaravati is rapidly evolving as an industrial hub. Several industries, R & D organizations are being established in Amaravati. Thus, all the students of SRM University – AP, Amaravati will have ample opportunities as interns in these industries and get industrial exposure. The skills developed and the work exposure will help them get placed in globally known organizations.

# COUNSELING '17



*The Founder Chancellor giving away a Scholarship award to a student.  
Also seen in the picture are the Registrar (left) and Controller of Examinations (right)*



# SRM University B.Tech counseling 2017

## STAFF REPORTER

This admission season registered around 2 lakh students. Online entrance exam, SRMJEEE, took place in 121 Centers across the country. The online test was administered for a month. That the university is popular with regions outside the state of Tamil Nadu is reflected by the demand distribution: 7929 Candidates from Uttar Pradesh, 7298 candidates from Tamil Nadu, 6890 candidates from Andhra Pradesh and Telangana, 4580 candidates from Delhi.

Simultaneously, SRM Engineering Counseling Carnival was also held

for which the parents and the prospective students were invited to the Kattankulathur Campus. The carnival aimed to provide an opportunity to parents and prospective students to get to know of the multi-faceted professionalism of SRM University in developing future Engineers. This helped the students in making the right choices and take right decision to secure the student's future.

The Counseling was administered centrally at Kattankulathur for the four campuses of SRM – Chennai, SRM Delhi, SRM Haryana and SRM Amaravati. On the first day of counselling (i.e 14th May 2017), Dr.T.R.Paarivendhar, Chancellor, SRM University

awarded several scholarships to recognize and reward highly talented students, including Founders' Scholarship – 100% waiver of tuition and hostel fees which was offered to top 100 rank holders of SRMJEEE for their excellent performance in the examination and 38 candidates were offered the Employee ward Scholarship.

Also, Socio – Economic scholarship, scholarship for differently-abled, SRM Arts & culture scholarship and scholarships to outstanding sports persons were awarded.

At the close of the day of counselling, there was high demand for CSE and Mechanical Engineering Programmes.





Baskar Rao, CEO of Technosphere

## IEEE Tech Talk on Iot

STAFF REPORTER

The first Tech talk of IEEE was conducted recently. Mr. Baskar Rao, the CEO of Technosphere was the chief guest and he graced the occasion with tech talk on IOT followed by a short glimpse on the importance of IEEE and the necessity of students to take part in such organizations. The chief guest also shared his knowledge on his area of specialization. The function was attended by ECE students and faculty members of the ECE department. The speech was interesting, innovative and useful. A questioning round was conducted at the end of the session which enhanced the information on IOT. Lastly, the chief guest officially announced the postings for the IEEE members for the ongoing academic year and also distributed the certificates for the winners of the debate competition.

## 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**

## Guest Lecture on Near IR Spectroscopy and its Real Time Applications

STAFF REPORTER

On behalf of the Electrum students association, the department of ECE, SRM university, Vadapalani had organized a Technical talk recently on the topic “Near Infrared Spectroscopy And Its Real Time Applications” by Dr. Madan Kumar Lakshmanan, Senior scientist, CSIR-CEERI, Chennai. He started the guest lecture by explaining NIR with

different profiles of sample, that could be liquid or solid, based on which the projects he has worked and working on such as, free fatty acid content in edible oil, the saturated content in fatty acids after filtration process which was tested in oil mills. He concluded with an advice to the students telling them not to give up in life no matter what the situations are and always take the untraveled path and attain success in our lives.



Winners and Runner up of Competition with the chief Guest

## IEEE Debate Competition

STAFF REPORTER

The first IEEE event of the year was conducted recently. It was a debate on the topic ‘Is it smart to store all the data on the cloud?’. Many students from various departments actively participated in the debate. The judges were Mr. S Karthik, Mr. Nandhu Mata from the ECE and CDC departments. The students were given a time limit of about 2 minutes to speak

in the preliminary round. The students expressed their views dynamically and put forth their views and shared their ideas coherently. The second level was a team discussion on the topic “Demonetisation”. Around 8 students were selected for the next round and it was an interesting session. Based on several criteria, the students were judged and winners were awarded prizes.

## Mumbai Street Food Festival

STAFF REPORTER

SRM Hotel’s most happening “Mumbai Street Food Festival 2017” was held recently at its “Pool view restaurant.”

Mumbai is known for its distinctive street food and people from all walks of life eat at roadside stalls almost round the clock. No restaurant can provide the authentic taste of the street foods of Mumbai. Executive Chef Ramesh has taken an extra effort to meet the expectation of the guest by designing a special menu for the 15 day long festival. Apart from the regular menu which consisted of most popular street food there was fusion street foods too.

The extensive array of menu consisted of:

### Vegetarian:

Paneer Chilly Dry, Aloo Anardana Tikki, Subj Potli Samosa, Hara Bhara Kebab, Kupu Wada

### Non Vegetarian:

Gosht Chapli Kebab, Murgh Tikka, Chicken 65, Chicken Lollypop, Murgh Malai Kebab.

### Live Station:

Bhel Puri Station, Golla Center, Chinese Counter, Kheema Pav, Cutting Chai, Mumbai Sandwich, Chicken Tikka Roll, Bhurji Pav

Spread Of Farsan And Dhokla / Kandvi / Patra And A Welcome Drink To All The Guests. There were signature dishes of the



streets of Mumbai, like Vada Pav, Pav Bhaji, Mumbai Sandwich apart from many other delicious delicacies. It is going to stimulate the salivary glands to salivate, at the sight of red hot masala for the pav bhaji, made of fresh buns with salted green chilly with a pinch of garlic and chilli powder coated with Spoonful of their lovely Coriander Chutney, dumped with a Golden Fried Vada. Woow! Amazing to think and to taste.

Grilled Sandwich loaded with Diced Veggies, gooey Cheese and with lovely green Chutney spread through & through, right in front of your eyes. Oh my goodness! The Malavani Chicken Curry for those who long for a hot spicy food inviting the eyes and hands and tongue to taste as it is flavored with the Malavani Masala and that to combo with Baida Roti stuffed with tender chicken and an omelet is a piece of heaven on earth. To have an encounter and a lively enriching experience of the streets of Mumbai come to The Pool View Restaurant Of SRM Hotel! Cheers.

Could there be any other delight to a gourmet than to relish on the Mumbai fresh

SRM HOTEL PRESENTS  
10<sup>TH</sup> - 24<sup>TH</sup> MAY  
MUMBAI  
**STREET FOOD FESTIVAL**  
@ Poolview Restaurant  
Lunch Buffet @ 799/-  
12:00 Hrs - 1:30 Hrs  
For Reservations Call  
**044 - 4743 2000**  
\*Terms & Conditions Apply



## Aarambh Youth Conclave Summit'17

### STAFF REPORTER

Aarambh is a start-up club of SRM University Vadapalani Campus that brings together the young minds with dreams of becoming an entrepreneur in the field of engineering and technology. The ECE department conducted the first Start up conclave recently. The event received a huge response from the students. So, the department came up with the idea of forming a startup club for the students. The club was named Aarambh and several aspiring future entrepreneurs registered for its membership.

The event was inaugurated by nine eminent personalities who are achievers in real life. The guests were Mr. Ravindran Natarajan, Mr. Suneil Chawla, Ms. Kirthi Jayakumar and Mr. Aasife Ahmed as the keynote speakers and Mr. Binny Rajkumar, Mr. Senthil Nayagam, Mr. L. Hemachandran, Mr. Shashikanth Jayaraman as the panel members and Mr. Parasuraman Krishnamoorthy as the moderator for the Panel discussion

Dr.C.Gomathy, HOD/ECE, started the event by welcoming all the guests and the audience. The Dean, Dr. K. Duraivelu (E&T) gave an insight on Startup India and Make in India in

his special address. Asst Prof. Mrs. Shirley Edward gave an introduction about AARAMBH and stated that the Youth Conclave Summit'17 is second in the series of the conclaves conducted by AARAMBH. The Dean felicitated the guests with mementos. Prizes were distributed to the winners of the SOCH- business model presentation event which was conducted earlier.

The session started off with the first keynote speaker Mr. Ravindran Natarajan, Director of Business Development, Trimble Navigation giving an inspirational speech on his struggles towards success. He advised the students to "Learn, unlearn and relearn" as that is the helping mantra for success.

Mr. Suneil Chawla, Founder & CEO, Social Beat, gave a small presentation on 'Influence of Digital India on Entrepreneurs'. He gave some significant tips on how to market startup online. Ms. Kirti Jayakumar, Founder & CEO, The Red Elephant Foundation, the third keynote speaker spoke on women empowerment, the difficulties she had faced and the achievements she has made as a social entrepreneur.

The fourth and last keynote speaker was Dr.CY.Aasife Ahmed. He spoke about the history of his famous Aasife Hotel and

the difficulties he faced to come up to the position of his, as of today, from an unrecognized man who was considered a failure. His speech was well received.

The panel discussion started off at the auditorium with the panel members Mr. Binny Rajkumar (Founder of Arrit Events), Mr. Senthil Nayagam (CEO of Any commerce), Mr. L. Hemachandran (Founder & CEO of Brand Avatar), Mr. Shashikanth Jayaraman (Founder of HR Sangam, CEO & Principle Advisory of Hex Advisory PVT LTD.) and Mr. Parasuraman Krishnamoorthy (Director of Samriddhi Leadership Academy) as the moderator. They discussed about the different kinds of difficulties they faced in life and the key decisions that made them what they are today. The panel discussion was very interactive with guests being very friendly to the students. The Moderator concluded the panel discussion with "Blamers are always victims and Game changers are always victorious" and asked the young minds present in the auditorium not to be afraid of failures, for every failure can become an opportunity. The guests were thanked and the conclave came to an end with our National Anthem.

## Adhyaay 4.3 – ECE Wall Magazine

### STAFF REPORTER

'Adhyaay', ECE department's wall magazine, holds the privilege of being the only departmental magazine of the campus. The team launched their latest issue 'Adhyaay 4.3' recently. Dr. K. Duraivelu, Dean (E&T) along with Dr. C. Gomathy, HOD (ECE), cordially welcomed the Chief Guest, Mr. Madan Kumar Lakshmanan, Scientist, CSIR-CEERI. He had inaugurated the launch of the magazine and it was a great honor for the Team members. The editorial board members presented a copy to the chief Guest as a token of gratitude. 'Adhyaay' showcases the latest technical developments

in the form of articles written by various students of the department. It also presents poems, photographs, artwork and non-technical articles. The articles gave an insight on topics such as Hyperloop, Hoverboards, Sound Suppressors, Drone Hacking and a runover on the oil spills, that happened in Chennai. The team was also fortunate to have a prominent personality, Mr. SrikanthSrinivasan, who is the chief operating Officer of TVS, TWG Warranty Solutions Limited. He was kind enough to give an interview to the Adhyaay Team Members. The next edition will focus on the farewell of the final years.



Our Chief Guest Dr. Madan Kumar with Dean, HOD/ECE Adhyaay Volunteers & Staff Coordinators



Student of SRM Medical College with the prizes

The students of SRM Medical College participated in AFFINITY 2K17, cultural and sports event held in Karpaga Vinayaga Institute of Medical Science, and bagged the following prizes.

Overall Championship in sports and culturals, Overall Championship in Culturals, Winners Trophy in Throw Ball. The Student Council of 2014 batch met the Director of Medical and Health Science, Dr.N.Chandra Prabha, along with the Dean Medical Dr.Prof.A.Sundaram, and our staff advisor Dr.Proff. Logaraj and presented the prizes.

# World No tobacco Day



Street Play in Progress

## STAFF REPORTER

World No Tobacco Day is observed around the world every year on 31st May and is intended to encourage abstinence from all forms of tobacco consumption and awareness of its hazards around the globe. “TOBACCO -THREAT TO DEVELOPMENT” was the theme for 2017. This day

was observed by the students and staff of SRM Kattankulathur dental college and hospital across the kanchipuram district with zeal who rendered their service for the cause. The event was inaugurated by the dean and vice principal by addressing the participants for the awareness rally consisting of 150 -200 students who marched carrying

play cards from Guduvanchery to SRM Kattankulathur Dental College and Hospital depicting the ill effects of smoking and tobacco.

Multiple cultural programmes included interesting street play which was applauded by all. Team of doctors and students, through models, posters, audiovisual



The Registrar, Director of Medical Sciences and Dean of Dental College at the program

display and initiation of No tobacco cessation clinic for counseling patients explained the hazardous effects of tobacco. Tobacco affects 7 million people globally every year out of which India accounts to nearly one fifth. It is being done with the hope that every health care professional plays a major role in curbing the effects caused by tobacco

and by working together we can beat tobacco, Protect health, reduce poverty and promote development. The ultimate goal of this rally was to protect the present and future generations not only from the consequences of using tobacco but also against social, environmental and social scourges of tobacco use.

# JMC Faculty Honored



Dr. Archana Arul featured in the Special Edition of the New Indian Express

## A STAFF WRITER

Dr. Archana Arul, an Assistant Professor in the Dept. of Journalism and Mass Communication of the Faculty of Science and Humanities, was recently honoured by Education Express of The New Indian Express for her contributions as

a Teacher. EDEX had a special segment featuring forty teachers under the age of forty who have made a mark in their chosen field of teaching in southern India. Dr. Archana was felicitated at an evening gala in a city hotel.

“Budding journalists have to be sensitised to the environment they are working in irrespective of the gender and this requires a knowledge of cultures, civilisations, customs and ways of living; after all India is a diverse country” Dr. Archana told EDEX. Asked what other career she would have chosen if not teaching, she replied, “The one other career that I would have pursued and which is indeed my passion is dancing. I am a professional Bharathanatyam dancer and even today I am an ardent exponent of the art”.



At the awards ceremony

# Mauj'17

## STAFF REPORTER

The Hostel Day Celebration Mauj'17 was held recently at T.P Ganesan Auditorium, SRM University. The event marked the presence of our Chief Guest, Dr. R. Natarajan PhD, IRS (Assistant Commissioner Customs, International Athlete, Director – ISPA), Dr. T. R. Paarivendhar, Founder Chancellor SRM University, Prof. N. Sethuraman (Registrar, SRM University), Dr. T.P.Ganesan (Pro Vice Chancellor, SRM University), Col. Dr. C. P. Ramchandani -Director (Students & Campus Life), Jawahar Philimis Assistant Director (Students & Campus Life), Mr.S.Arun Kumar, Assistant Director (Admissions), Chair Person (Council of Wardens), Sr. Wardens (Gents & Ladies Hostels) jubilant faculty and students.

For the first time, wide spread publicity for the event was done through conducting Roadshows, social media publicity, posters and through canvassing. A name for the hostel day was evolved with great enthusiasm.

Various committees namely Publicity, Hospitality, Discipline, Public Relation and Food committee were formed and headed by hostel Wardens. Student committee heads were

selected for conducting and organizing the event.

From 25 blocks (13 Boys & 12 Girls), students were encouraged to participate in various sports and cultural events.

Mauj'17 witnessed its first ever show on a large scale and that too with fully packed Auditorium of a capacity around 4000 till the end of the program.

Our founder chancellor shared myriad feelings of hostel life and also added that SRM hostels was definitely a home away from home.

Dr. R. Natarajan, the Chief Guest of the day, during his speech mentioned the importance of hostel life in shaping the students as self-dependent individuals. He also congratulated that despite such a huge crowd of students in the auditorium, decorum was perfectly maintained. He

added that SRM University is doing great in the sports field by making available all the necessary facilities to the students and generously sponsoring the sports students and providing high priority to sports too.

The glimpses of all the sports and cultural events conducted earlier were showcased by the student organizers to the Chief guest and the audience. The audience were engaged throughout by conducting quizzes and giving away McDonald's Coupons. This was followed by Prize distribution. The students and the staff received the prizes and walked away with big trophies and a gleam in their eyes.

Special dinner added another feather to Mauj 17 and the all the hostels reverberated with joy, radiance and love amidst good food, entertainment and friends.



# Electronics Engineering and Communication Techniques REACT'17

## STAFF REPORTER

The ECE Department of SRM University, Vadapalani organized the Third national conference REACT'17-Research in Electronics Engineering and Communication Techniques. REACT is the forum in which the students and research scholars present papers on their current research. The grand inauguration ceremony began with the promo video of REACT'17. Dr.C.Gomathy, Head of the department, ECE gave the welcome address. She also extended warm welcome to the honourable chief guest, Dr.V.Jagdeesh Kumar, Professor, Electrical Engineering Department, IIT Madras, Dean (Academics) and Guest of Honour, Mrs. Nigar Shaji, Scientist 'G' and Project Director, Adithya L7, ISRO Bengaluru.

The Conference report was presented by Mrs.A.Shirly Edward, Coordinator for

REACT'17. She briefed about the previous editions of the conference. Dr.K.Duraivelu, Dean(E&T) in his presidential address, enlightened the students on the two new upcoming technologies, the Neuro link that will integrate with a computer using brain electrodes where we can upload and download our thoughts. Smart Brain is the other technology that will act as an artificial intelligence. He congratulated ECE department for its success in academics and co-curricular activities and he wished REACT'17 a grand success.

Professor Dr Jagdeesh Kumar gave the inaugural address of the event. He stressed that "In research, Starting is always difficult". He advised the students not to fear about failure, but to work hard to attain success. He concluded by saying that to be successful in research we must be a fighter and we must possess a fighting spirit. He advised students never to give up their



passion. Mrs. Nigar Shaji, ISRO project director of Adithya L1 took the audience on a journey into the launch of a satellite. She started by talking about how they design the components of the satellite based on the requirements given by the government. Then she explained how the space is different from land. She then elaborated about the various types of antennas that are used in satellites. She narrated about the Adithya L1 project that she is heading currently. The vote of thanks was given by Mrs.D.Vaishali, Assistant Professor of ECE

department. For this conference, we received nearly 190 papers from participants from various streams, out of which we selected 75 papers for oral presentation. After the inauguration a keynote speech was given by Dr. V. Jagadeesh Kumar on the topic 'Is Innovation Difficult'.

The oral presentation papers were segregated into four broad areas namely: VLSI and Embedded Systems, Sensors and Instrumentation, Signal and Image Processing and Wireless Communication and Networking.

The sessions were chaired by Dr. K. Senthamilselvan, Professor, Dept. of ECE, Dhanalakshmi College of Engineering, Dr.K.Suresh Kumar, Associate professor, Dept. of EEE, Velammal College of Engineering, Dr.N.R.Shankar, Professor, Department of ECE, AMS college of Engineering and Dr. Thilagam, Professor, Department of ECE, Velammal College of Engineering. The selected papers will be published after review in International Journal of Control Theory and Applications, a Scopus-indexed journal.

# NIRF places SRM College of Pharmacy in top ten India and first in Tamil Nadu

## STAFF REPORTER

SRM College of Pharmacy has carved its name in the top 9 colleges in India and top 1 college in TamilNadu in the results announced by this month. Coming on the heels of it being ranked No.9 in India by National Institutional Ranking Framework (NIRF) of the Union Human Resource Ministry in 2017. This new ranking has helped propel SRM College of Pharmacy into the International arena as a centre of excellence in Pharmaceutical Sciences.

As a premier institution under SRM University, SRM College of Pharmacy has been in the forefront of education and research. Besides the University's full support for infrastructural development, the college also receives several grants for research from the university, government and non-government funding agencies.

SRM College of Pharmacy, SRM University, Kattankulathur is one of the premier institutions for pharmaceutical education and research in the country. It is a leading institution in India with an exceptional curriculum designed to prepare quality pharmacists with professional capabilities so as to reach great heights in healthcare system.

The college was started in the year 1992 affiliated to the Tamil Nadu Dr. MGR Medical University and was later brought under the ambit of SRM University in 2005. The college now offers B. Pharm, M. Pharm in Pharmaceutical Analysis, Pharmaceutics, Pharmaceutical Chemistry, Pharmacology, Pharmacognosy and Pharmacy Practice; Ph.D.in all branches; Pharm. D and Pharm. D (Post baccalaureate ) courses. SRM College of Pharmacy is equipped with latest laboratory facilities, seminar halls, library, digital



repositories, computer labs, online journals national and international and treasure trove of books.

The faculty and staff are the pride of SRM College of Pharmacy who by their expertise teach and promote the learning process and also serve as an

inspiration to the students in their research activities. They mould the student community into the outstanding professionals by the advanced teaching techniques and learning aids.

The SRM College of Pharmacy provides excellent infrastructural facilities to carry out research on

par with international standards. The institution offers collaborative interdisciplinary research activities in the university. The alumni students of SRM College of Pharmacy accomplished with top positions in academics, industries and research laboratories both nationally and internationally.



Vice Chancellor inaugurating the Student Counseling Center in the presence of dignitaries.



Vice Chancellor addressing the faculty and students.

## Inauguration of 'Student Counseling Services' (SCS)

### STAFF REPORTER

In its paramount efforts to strengthen and support the students of SRM University, the Management and the Administration inaugurated the Student Counseling Services (SCS) at SRM Medical College. Organized by the SRM Medical College & Research Centre and the Department of Psychiatry, the services were inaugurated by the Honorable Vice Chancellor Prof. Prabir K. Bagchi. The function was graced by the Pro Vice chancellor, Dr. T.P. Ganesan, the Registrar Dr. N. Sethuraman, the Director (Medical & Health Sciences), Dr. Chandra Prabha, Director (Medical) Dr. James Pandian, Director E & T Dr. C. Muthamizhchelvan, Director SCL Dr. Col. C.P. Ramchandani, Director Career Centre Prof. Sriram S. Padmanaban and Dean (Medical) Dr. A. Sundaram.

Prof. Dr. Chandra Prabha

welcomed Prof. Dr. M. Thirunavukarasu, Head of Department of Psychiatry welcomed all the dignitaries. Dr. Arul Saravanan, Associate Professor in Psychiatry, briefed the audience about the scope and functioning of the service. Next the Vice Chancellor shared his view about this initiative and noted that this was a long felt need in a world class University like ours. He wanted that the students be supported not only academically but also emotionally and psychologically to the demands of the changing world. He lauded the efforts of the Director (Medical & HS) in making the SCS possible and appreciated the Head of Department of Psychiatry for his support. He reiterated the fact that all services were being offered free of cost and that strict confidentiality maintained. The VC then declared open the SCS by ceremonially cutting

the ribbon. He then launched the web page of the SCS in the SRM University web site - [www.srmuniv.ac.in/campus-life/students-counseling-service](http://www.srmuniv.ac.in/campus-life/students-counseling-service). The eager volunteers who had participated were each given a 'Counselor's Manual', prepared by the department, to aid them in their counseling approach towards the students.

Student Counseling Services are available for all registered students of SRM University, Kattankulathur campus. This is a free service offered by professionally trained persons to offer psychological support to the needed students. To fix up an appointment, students can log in through the web page and request an appointment or they can drop an e mail to 'srmcs@ktr.srmuniv.ac.in'. Further details, contacts and FAQs can be found in the above mentioned web page.

## Robotics Techfest – Xion'17

### STAFF REPORTER

The robotics club of SRM university, Vadapalani organized a two day workshop a National level TechFest – XION'17 recently. The TechFest was inaugurated by Mr. Ramkrishna Patra, Head Engineering Division, Nokia-IN and the guest of Honour Mr.P.Kartikeyan, Manager, Production and Automation, Nokia, IN. Dean Dr.K.Duarivelu addressed the gathering followed by a key note speech on Production and Automation by the chief guest. The VI issue of the magazine of the Robotics club – RevoluXion was released by the chief guest, guest of honor, Dean and HODs.

Students from different colleges participated in this two day event that included a workshop – IoT controlled Cloud Robot and Five

different Robotic competitions – Robo War, Robo Soccer, Pick and Place, Line Follower and Robo from Junk. IoT based cloud Robot was attended by 50 students from different colleges, they had a holistic view of Arduino, linking WiFi module with Robot and controlling Robot with webpage. Robo War tested the competence of one robot over the other. Pick and place bots were tested for their ability to carry items and cross obstacles to place the items in their destination. Robo soccer was football of Bots and line follower bots were tested for their ability to travel along a path. With three rounds in each event, many teams were eliminated and winners were chosen by judges. This TechFest ended with the valedictory function. Prizes to the winners were given by the HODs of all three departments.



Release of RevoluXion magazine



Pick and Place

### Miscellaneous Sports



SRM University organised a Six week certificate course in sports coaching, under the Auspices of Sports Authority of India