

The newspaper of SRM University

SPECTRUM

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SRM Placed in Category A!

A Staff Writer

Based on a compliance Report submitted by a Task Force and the presentation by SRM University, the Department of Higher Education of the Ministry of Human Resource Development of the Government of India has placed SRM University in Category A. The Government of India had constituted a Task Force to examine applications from institutions that had to take corrective measures pointed out by the Review Committee constituted by the Government to review the functioning of the existing deemed to be universities.

The Government of India has accepted the report of the Task Force, a notification from the Department of Higher Education

of the MHRD said.

The University was called for a pre-review in February 2012 and a final review in May 2012. Representing the University for the presentation and interaction were a team of senior officials led by the Vice Chancellor, Dr. M.Ponnavaiikko.

There are nine criteria for evaluation: considerations of the idea of a University; whether all present academic activities / programmes could have been carried out without being a deemed university and how the status of a deemed university became a stimulus for better performance; conformity to the provisions of the UGC Act and Guidelines; aspects of governance; quality of and innovations in teaching-learning process; research output and



its impact by way of research publications and books; doctoral and other research degree programmes; faculty; and admissions processes and award of degrees. The review Committee was impressed

with the presentation of SRM University and placed it in **Category A.**

“The UGC has recognized SRM University on par with leading Universities in the

country along with government institutions and the IITs in terms of teaching-learning, research, consultancy and community service” said the Vice Chancellor in a conversation with *Spectrum*.



Mr. Ravi Pachamoothoo

We do not compromise on quality says Chairman of SRM Group

A Staff Writer

“One of the pioneers in the field of education, the SRM University has established itself as a leading player” says an article in The Times Group’s latest coffee table book, *Edupreneurs: Tracing the Success of Education in Tamil Nadu*.

“Our family has been in the business of education for 40 years now and we offer state-of-the-art equipment, good faculty and constantly updated syllabi. We do not compromise of quality. There is a lot of focus on maintaining industry standards and we encourage interaction between industry experts and academicians. We offer courses in all major streams and have

tie-ups with several foreign universities” the Chairman of SRM Group of Institutions, Mr. Ravi Pachamoothoo has said. The coffee table book traces the “story” of SRM from 1968 when the Founder Chancellor, Dr. T.R. Pachamuthu started the Florence Nightingale Primary School essentially making the point that there has been no looking back. “Under the

leadership of Chairman Ravi... SRM has been able to bring about far reaching changes and the Group has touched great heights going on to successfully venture into the transport, hotel and cement businesses”, the book has said. “We are yet to introduce subjects such as Law, Agriculture and Veterinary Science and this will be done in the near future” Mr. Ravi said.

Inside pages ...



School teachers had a “Blast” with bioinformatics!

Spectrum Reporter

A recent evening Marked another glorious day for the Department of Bioinformatics. It was the successful completion of BLAST '12 – A National Workshop on Bioinformatics Learning Approaches for School Teachers. The two day workshop which was conducted for higher secondary biology school teachers focused on imparting basic hands on knowledge in the key areas of bioinformatics. This was an attempt to make teachers sufficiently equipped to guide their school children through bioinformatics modules in their syllabus.

The inaugural ceremony had many eminent personalities in the field of bioinformatics. The Vice Chancellor of SRM University, Dr.Ponnavaiko honored the gathering by his presence at the inaugural ceremony and by giving an enlightening presidential address. He shared his experiences during his visit to many universities abroad and said that local research groups should form a cluster to constantly share their research experiences to enhance science.

Dr. Ramesh Kumar of Anna University, Chennai, was one of the chief guests of the event who gave an inspiring lecture on Basics of Bioinformatics covering a wide range of topics and exciting statistics in bioinformatics which-not



The inauguration of blast'12



The participants posing along with faculty and student volunteers

only made it interesting for the participants but also made it very interesting for all the students present there. Dr.Vidya Niranjana from Genotypic Technologies Ltd, Bangalore was the other chief guest who talked about the latest trends in Next Generation Sequencing technologies and its importance. The rest of the events were powered up with

lecture presentation by the staff members and the hands on session which were carried out successfully with the combined efforts of staff and student volunteers. Throughout the workshop, the participants learnt various bioinformatics concepts like Human Genome Project (HGP), Biological databases, sequence similarity, molecular

docking and lots more.

24 participants were awarded with participation certificate by Dr.M.Vairamani, Dean-School of Bioengineering. The feedback session by Ms. Radha Ganesh was a clear sign that the workshop was a success. Teachers also requested SRM to conduct more such events in the coming years.

SRM University alumnus awarded with the prestigious JSPS award (Japan) with a grant of 1.2 crore

Spectrum Reporter

Dr. M. Navaneethan, an alumnus of SRM University, holds two doctorates, one from SRM University (in Physics) and the other from National University Corporation Shizuoka University, Japan (in Engineering- Nanotechnology). He joined as a full time Ph.D scholar in 2007 under the supervision of Prof. S. Ponnusamy in the Department of Physics, SRM University. His area of the research is one of the flourishing areas of nanotechnology (semiconducting



Dr. M. Navaneethan

quantum dots). He was the first person who was awarded with the Ph.D degree in the field of nanotechnology from SRMU. During his research period at SRMU, he had published 8 research articles in reputed international journals and he

presented research works in 15 international and national conferences which include CHINA NANO 2009 held at Beijing, China. His work was selected for best poster award in CHINA NANO 2009. In addition to that, he was awarded with the travel grant from DST- Govt. of India and TNSCST – Govt. of Tamilnadu to participate the CHINA NANO 2009. After the completion of PhD at SRMU, he was awarded the Japanese government Mounbukagusho (MEXT) fellowship for three years with the research grant of 70 lakhs (INR). During 2009

to 2012, he gained one more doctoral degree in engineering (Nanotechnology) from National University Corporation Shizuoka University, Japan. His thesis was awarded for the best thesis award in Shizuoka University. Also, he gained the overall achievement award. Now, he published 18 research articles and also presented research articles more than forty international conferences which include MRS meeting at San Francisco, USA. Also, he received a Young Scientist Award with cash prize in ASIA NANO 2010 held at Tokyo.

Crossing boundries for spreading knowledge...

Priyanka Vedula

Citing an example for SRM's faculty being equally if not more equipped than the faculties abroad, the Head of the Department Of Electrical and Electronics Engineering, Professor S.S.DASH was invited as a plenary speaker and as Chair person for the AASRI 2012 conference on Power and Energy Systems which was held in Hong Kong, China recently.

He presented a paper amongst various scholars and researchers on the topic “ Three phase multicarrier PWM switched cascaded multilevel inverter as voltage SAG compensator” which was co-authored by Prof Chellamal, who is a senior faculty in the department. Dr.Dash delivered a speech on the recent trends in power quality issues and solutions in Polytech University, Hong Kong.

For a Culture of Peace

A Staff Writer

Dr. D. Solomon Arulraj, Assistant Professor of Education at SRM School of Teacher Education and Research



Dr. D. Solomon

participated at 12th Asia Pacific Training held at Seoul, South Korea, recently. The training was organized by Asia Pacific Center of Education for International Understanding, which is a UNESCO category II institute. The focus of the training was on ‘Building Communities for a Culture of Peace’. The programme was sponsored by the Ministry of Education, Science and Technology of the Republic of Korea. The participants included 31 professionals in the field of teacher education and curriculum development from 27 UNESCO Member States of the Asia-Pacific Region.

“Kick Starting A Business”

A Staff Writer

A workshop on “Kick Starting A Business” was organized by SRM B-School, SRM University, Vadapalani, recently. Mr. R. Panneerselvam, Deputy Director, MSME was the resource person for the workshop. He spoke about the various avenues that are available for budding entrepreneurs. He elaborated on eighteen steps to be followed to start a business and to succeed in the same. Mr.R.Panneerselvam gave a plethora of information on various schemes that are available for people intending to start a business on their own. He also dwelt upon the various financial, technical and other assistance provided by various government organizations for starting a business venture. The programme was organized for students who are intending to start a business of their own. Mr.C.V.Gowrisankar, an active member of QCFI appreciated the efforts of the institution in organizing such programmes and also advised the students to make use of the opportunity provided by the institution to hone their entrepreneurial skills. Dr.N.Vasudevan, Dean (E & T), SRM University, Vadapalani, stressed the importance of entrepreneurship and motivated the students to be on their own. Earlier, Dr. S.Kesavan, HoD, SRM B School welcomed the gathering. Dr.S.Gayathry, Faculty, SRM B School gave a glimpse of various entrepreneurship development programmes organized by SRM B School.



The Chairman of SRM Group at the Techfest

Innovate for the betterment of society - Ravi Pachamoothoo

A Staff Writer

“Innovate” is a national level technical fest which is being organized successfully in SRM Modi Nagar campus. This is a student driven National technical fest which offers an opportunity for the best creative minds from all over India to expand and exhibit their talents. It presents a plethora of events both – ‘predefined’ and ‘on the spot’ categorized under various domains. This year, the 5th

National Level Technical Fest ‘Innovate’ 12” was held on 5th October 2012. The chief guest of the Event was the Chairman of SRM Group, Shri. Ravi Pachamoothoo.

During his inaugural address Shri. Ravi Pachamoothoo said... “The more we concentrate towards the outcome, the more new ideas would emerge within us.” He further stressed that students should find effective ways to innovate their ideas for the betterment of the Society.

Further he emphasized that SRM University would always encourage and motivate the students and faculty towards the research oriented project.

The mission of ‘Innovate’ was to promote research on the innovations that can make the field of technology more sustainable and to train a new generation of leaders to conceive and implement their creative ideas. The theme of the event was “Robowar: Auto Expo & Battle of Metal”.

Faculty Development Programme

Spectrum Reporter

An orientation programme was conducted for the newly recruited faculty members of SRM University, recently in the PG Auditorium. Dr. M. Mukhopadhyay, Former Professor of Psychology, NITTTR gave an enlightening talk on the topic “Emotional Intelligence”. Dr. M. Mukhopadhyay explained the importance of Emotional Intelligence which is very

much essential for the teachers to achieve excellence in their career.

He added that 20% IQ and 80% EQ is the expectation of any Institution/Industry while recruiting persons for their concern.

He also listed the qualities of Emotional Intelligence as empathy, self control, self awareness, persistence, self motivation, sensitivity to situations and optimism.

Dr. K. Abdul Ghani, Dean, SRM University welcomed the gathering and Dr. Helen P Kavitha, Co-ordinator/FDA proposed the vote of thanks.



The Chief Guest receiving a memento

Top 10 projects of Konvolve to be funded by SRM

Anup Saboo

After three rounds of gruelling scrutiny the results of Konvolve were announced during Aaruush’12. “Top 10 teams out of the 23 teams that displayed their projects will be receiving funding for their projects from SRM University”, said Prof. A. Rathinam who is the Chief Executive of Konvolve. Apart from this, the top 5 teams will also be awarded with a sum of ₹. 50,000 as cash prize.

The 1st edition of Konvolve had projects which were multidisciplinary and made students go beyond the scope of their respective departments, network and learning. About 110 interdisciplinary projects were registered during the conceptual phase and out of which 23 teams went on to the next round of Implementation

and Testing. ‘Team Omega’s project on Accident Prevention System for Vehicles secured the first place and was honoured by Mr. Rajan Anandan, Google India CEO. ‘Team Start’ that stood second built a low cost automated wheel chair for the disabled which could be controlled by the movement of neck muscles. There was a tie for the third place between ‘Team Blue Bells’ from SRM Vadapalani and CAIR (Cold Air Experimental Research). The Team Blue Bells project identified the flaws in the rail track that could lead to major accidents, while team CAIR designed a device that functions like a heat exchanger. Team VikSPan 700 which came fourth had worked on Laser Powered Aircraft Engine. Team Immortal Innovators and Team Dhvani were appreciated by the judges

as their project was simple and had social relevance. The team Immortal Innovators project was on building a smart self-sustained city where as Team Dhvani had designed an Acoustic Cell. When asked about the experience of Konvolve a representative from Team Omega said, “Even after so much running around for components, spending sleepless nights working and tackling various issues and balancing it with academics it was very fruitful in the end to be rewarded for all the hard work. The overall experience was excellent.”

Dr. C. Muthamizhchelvan, Director of Engineering and Technology congratulated the students for their hard work and said that he would like to see their projects through to a larger scale and would like to review their project proposals.

Integrated vector management programme vital in controlling the spread of dengue

Spectrum Reporter

Dengue fever is an acute-viral infection, which gets transmitted by the bite of an infected female *Aedes aegypti* mosquito. One of the most common arthropod borne viruses, there is no vaccine available to prevent dengue virus from spreading. A CME programme was conducted by the SRM University's Medical College and Hospital today at its Kattankulathur campus.

Pro-Vice Chancellor (Medical) Dr P Thangaraju elaborated in detail the spread of dengue and said that the best approach towards preventing the dengue fever is to take precautions in order to avoid being bitten by the *aedes aegypti* mosquito.

About 52 per cent of the population in South East Asian countries face the risk of dengue fever, SRM University Pro Vice-Chancellor (Medical) Dr P Thangaraju said today. Of the 52 per cent in South East Asian countries, India, with 1.22 billion population, was more vulnerable to the disease.

He said heavy population has led to lack of sanitation measures, that provides an easy breeding ground for mosquitoes, besides making transmission also very easy.

It is an important area that the Public Health authorities need to focus on, he said, adding, an integrated vector management programme was vital in controlling the spread of dengue.

He said the pamphlets would be distributed to people living in 130 villages in and around the SRM University situated at Kattankulathur, about 35 km from the city, and also to those visiting the SRM Hospitals.

The necessary precautions to prevent infection are as follows:

Protective clothing – You

About 52 per cent of the population in South East Asian countries face the risk of dengue fever

must wear long clothing when there is an outbreak of dengue or when you are travelling to an infected region.

Vector control—When you suspect the risk of dengue epidemic, implement community vector control programs to eliminate potential breeding grounds for the vector mosquitoes.

Stagnant water around human habitation should be cleared (at least once in a week) and water in the vases/containers / barrels/drums must be changed regularly. Surface wells must be well-maintained or covered to make sure that mosquitoes do not breed in the vicinity..

Using insect repellent – Use insect repellent containing N, N-diethyl-3-methylbenzamide (DEET) to reduce the risk of getting infected during a dengue threat.

Sleeping in a mosquito net – You should take extra precautions such as sleeping in a mosquito net, this will limit the risks of a bite at night.

Stay indoors during the day – *Aedes* mosquitoes bite during the day.

If you are travelling to a place where dengue is endemic, try to stay in a well-screened or air conditioned place.

Dr James Pandian, Dean SRM University Medical College and Hospital emphasized on keeping the surroundings clean so that mosquito breeding could be avoided. Earlier Dr S Gomathi Professor of Micro Biology welcomed the gathering. University officials, doctors and students were present on the occasion.



Dr V. Shantha

Cancer is curable if detected early - Dr V. Shantha

Spectrum Reporter

Cancer Awareness programme was observed at the SRM Medical College & Research Centre, Kattankulathur in an effort to raise awareness and understanding about a disease that is affecting more and more people across the world and it is curable if detected early.

Dr. V. Shantha, Chairperson of Adyar Cancer Institute, Chennai, in her key note address said in India, cancers are more often associated with tobacco use but lifestyle changes are not far behind. While non-governmental organisations are actively engaged in preventing the spread of tobacco use, one of the most important causes of cancer, oncologists call for a total ban of tobacco and tobacco products.

One of the most common cancers in India, breast cancer accounts for 28 to 35 percent of all cancers in women in major cities of India. There is an urgent need to be more aware of breast cancer symptoms and treatment, it is the right time to dispel the many myths and half-truths about this condition and replace them with actual facts.

Women are increasingly prone to breast cancers, followed by cancer of the cervix, ovary, stomach and mouth. It was cervical cancer common in women a decade ago and now

“One of the reasons more women are being diagnosed with breast cancer could be because of increased awareness.”

its breast cancer. One of the reasons more women are being diagnosed with breast cancer could be because of increased awareness. Early detection has also resulted in more women getting treated for the cancer.

“In the early years of my association with cancer, it was a Herculean task to make the health planner understand that cancer and radiotherapy were not synonymous. Today, it has become necessary to clarify the nuances associated with cancer care, cure and control” she said.

There is also an ominous change in the pattern of cancer with an increase in lung, stomach and large bowel cancers. Breast cancer will replace cervix cancer in urban areas but the cervix cancer burden will continue in the rural areas of Tamil Nadu. Thus we will have the burden of both breast and cervix cancers. Tobacco-related cancers are also showing an increasing trend and constitute 40% of cancers in men.

Dr. V. Shantha, emphasized that it is time “that the students should be taught to be more professional so that cost of treatment of cancer could come down with the multimodal approach for treatment.

She was happy that the paediatric cancer survivors have increased today and about 60 to 80 percent child hood cancer is treated

SRM University Vice-Chancellor Dr. M. Ponnavaikko in his presidential address said according to a data provided by the Indian Council of Medical Research, Chennai ranks third in the country when it comes to the incidence of cancer.

The cancer burden in Chennai is predicted to increase by 32% by 2012–16 compared to 2002–06. The average annual cancer burden for Chennai predicted for 2012-16 is 6,100 translating to 55,000 new cancers per year Statewide (Tamil Nadu).



Participants at the meet on the Dengue

INTERVIEW

Hard Work Brings Handsome Pay

As the placement frenzy sets in, Gourav Thakkar, a fourth year from the Computer Science engineering department of SRM, has been recruited as a Software Engineer at Works Application. The Japanese Enterprise Resource Planning(ERP) company has offered him a pay package of 60 lakh yens (Rs.40, 65000) per annum. **Sneha Sankar** and **Shruthi Vatsyayani** from *Spectrum* talk to him about his success and more. Excerpts:

Q: How did you come across the interview?

A: The initial round of the interview (comprising of a problem statement) took place during the pre-placement talk (PPT) itself. Here SRM played a vital role as the placement co-ordinators of the university and of my department guided me throughout.

Q: What was the recruitment process of the company? Were there any criteria for the interview?

A: The finalists of the first round were called to the Hilton for the next phase of the interview. This comprised of four coding problems each to be solved within twenty minutes. The company was looking for engineers with a strong conceptual base and coding qualities and the requirements did not include CGPA. The last round was a HR interview which lasted for about half an hour. Two people were recruited from Chennai, one from Madras Institute of Technology and the other being me.

Q: What skills do you think a student aspiring to get placed in a core company must possess?

A: One must be able to understand and apply concepts of learnt in the field of engineering.

Theoretical knowledge would not be sufficient. Enthusiasm to learn is a very important quality that one must possess. The effort to build on concepts must be spread out throughout the four years instead of last minute preparations.

The interviewee must be able to present simple examples co-relating the engineering concepts. Like in one of my interviews I was asked to create a database for 'Flipkart'!

Q: What do you look forward to in your job? What are your plans for the future?

A: I look forward to honing my skills as a software engineer. Moreover I am excited to go to a new place.

I plan to work for two years and then to pursue my masters in Computer science engineering abroad.



The Chairman SRM Group of Institutions Mr. Ravi Pachamoothoo at an interactive session with candidates after the programme. Also seen in the picture are Dr. N. Sethuraman, Registrar SRM University and Dr. R. Balasubramanian, Director, Faculty of Science and Humanities, SRM University.

The third batch at the IAS Academy...

Spectrum Reporter

SRM's IAS Academy that offers free coaching classes to all those aspiring to be civil servants had the induction programme for the third batch of students at the Vadapalani Campus.

In his Presidential remarks, the Chairman of the SRM Group of Educational Institutions, Mr. Ravi

Pachamoothoo highlighted the importance and role of youth in modern India stressing that the Founder Chancellor had always made it a point to nurture the talents of youth so as to shine in any area of their choice, say education, politics or bureaucracy. The accent at the SRM's IAS Academy is not merely to pass examinations but also to enable candidates to stay focused on their future, the Chairman maintained.

Dr. R. Balasubramanian, Director of the Faculty of Science and Humanities welcomed the gathering. Dr. N. Sethuraman, Registrar offered felicitations and Dr. Usha Kalyani proposed the vote of thanks.

Research, keyword for growth and development

Spectrum Reporter

The School of Management, SRM University, organised two days Faculty Development Programme on "SPSS an Esplanade for Modern Research Paradigms", recently.

About 70 participants from Chennai, Pondicherry, Coimbatore, Trichy, Kanchipuram, Thoothukudi, Thirunelveli, Krishnagiri and various parts of Tamil nadu

attended the programme. The keynote address was delivered by Dr. K. Abdul Kani, Dean SRMU Ramapuram Campus who said that 'Research' is the keyword for growth and development. The Vice Principal Dr. Antony Michael Raj emphasized the need for quality research for better development of the nation. Dr. T. Vanniarajan of the Dept. of Management of studies, NMSSVN College, Madurai gave a bird's eye view of the program to the audience.

He said that the program was carefully designed and chalked out for research scholars & non-statisticians. He stated that the program was divided into 6 sessions with theory and practical sessions, with topics spanning from research philosophy to number crunching topics like descriptive statistics, inferential statistics: Parametric & non-parametric tests, problem centered research, longitudinal research, questionnaire design, etc. In this FDP, the participants

had hands-on experience using SPSS for descriptive statistics. The second day session was handled by Dr. R. S. Balasenthil. Dept of Management studies, KLN College of Engineering, Madurai. In the practical sessions parametric tests and non-parametric tests were practised by the participants. The programme got an overwhelming response from the academic fraternity and research aspirants from Chennai and beyond.

Reporting and Writing 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



Participants at the "SPSS an Esplanade for Modern Research Paradigms"



In a first of its kind at SRM 40 students attended the workshop

“You can start a chocolate business with just ₹ 500”

Converting your ideas into businesses with SRM's E-Cell

Benedict John

The tag line of the E-Cell (Entrepreneurship Development cell) ‘Converting your ideas into business’ seemed to be on everyone’s mind at the chocolate making workshop held by the E-Cell at the Food processing lab. A first of its kind at SRM, the workshop was attended by 40 students and focussed not just on the process of chocolate making but also on acquiring the marketing skills needed to launch one’s own brand of chocolates.

Mrs K. Lavanya Kathiresan, CEO of Kishore Chocos, was the Chief speaker at the workshop who out of her experience of supplying chocolates to major IT companies as well as at a number of weddings, spoke to the students on the various techniques of preparing chocolates, the types and quality of wrapping paper that can be used, moulds, shapes and customized chocolate preparation and essence selection. Not only did she speak on chocolates but also shed light on the various business basics, marketing

strategies, and techniques that one might use to build and expand a budding chocolate company.

Sourav Sethia, Convenor of the E-Cell pointed out that, “The food industry is a 10 billion dollar market and offers plenty of opportunities for an aspiring entrepreneur.” That is the reason the E-cell chose to conduct this chocolate making workshop and they intend to organise many more on similar lines.

The workshop also included a practical session where Mrs Lavanya showed the students how to make a variety of chocolates including cashew chocolates, peanut, day and night chocolates, soft truffles, to mention a few.

Juhi Mandot, a 3rd year student from the Electronics and Communication department felt that the workshop was very helpful and informative for those starting their own chocolate businesses. “Mrs Lavanya made sure she kept things very clear and simple and encouraged us to think out of the box” said Mann Jain, another 3rd year, ECE student.

Understanding Cryptography

Spectrum Reporter

The ECE club ‘Electrum’ arranged for a guest lecture by Mr. Asokan, Managing Director of Net Lab academy on ‘Basics of cryptography’. This seminar helped students understand basic concepts about cryptography.

“We were taught on how using symmetric and asymmetric keys has different consequences”. a participant remarked. Using a symmetric key would mean that the sender and receiver

use the same key whereas an asymmetric key would mean that the sender and receiver use different keys, thus assuming data integrity and confidentiality. We learnt about digital signatures, hashing, digital envelopes and message digest. We also learnt about private and public keys and how these keys are used for encryption and decryption during secure data transmission and reception. The seminar was concluded with an exciting live demo session of VDN site to site.

MoU with SAP Solutions

Soaham Datta

SRM University recently forged a Memorandum of Understanding with the world renowned SAP Solutions to impart high quality training to our final year students. As a part of this MoU, SAP partner will deliver SAP Business One program to the final year students of BTech, MTech, MBA and MCA, to enhance the skills and employability of the students. The program will be between two to three months with hundred hours of theory and practical course work. Upon completion of the program, the students will receive a program completion certificate and will be eligible for a global certification exam conducted by SAP. If a student clears this exam, he/she becomes a ‘Certified SAP Business One Consultant’ capable of being employed anywhere in the world.

The program will be conducted

“This is a unique opportunity for our students to be a part of industry-ready courses, enhance their skill sets and career options, globally”

at the campus by SAP certified professionals. Students have the choice of pursuing one of the streams – technical or functional. They will have access to SAP software during the programs and will be provided with study material. About 2500 students

are expected to participate in the program, this year.

Students will have an opportunity to work on real-time projects and few of them would also work as paid interns. 25% of the enrolled students will be placed by SAP partners; however students need to have cleared the global certification.

Dr K Mohan, Director ITKM, says, “This is a unique opportunity for our students to be a part of industry-ready courses, enhance their skill sets and career options, globally. The program is highly subsidised and the students will have to pay a very nominal fee for enrolment”. He stressed the advantages, of such value added courses, for students and indicated similar partnerships are underway with other major industry leaders like CISCO, IBM and ORACLE and the students would enjoy the benefits of such collaborations in the coming years.



The teams with their innovative ideas

Where innovation meets creativity

Spectrum Reporter

December 22nd 2012, marks the 125th birth anniversary of Srinivasa Ramanujan. The Prime Minister Dr. Manmohan Singh, has declared the year 2012, as “the National Mathematics year”. As a tribute, to the legendary Mathematician, Srinivasa Ramanujan, FRACTAL, THE Mathematics association, Dept. of Mathematics has planned, a series of Mathematical activities throughout the year, under the title “Ramanujan @ 125”.

The Dept. organised ‘An interdisciplinary, Mathematical Modelling Competition based on Engineering Applications’ for the students. More than 35 teams participated with many innovative ideas.

Dr. E. Thandapani and Dr. M. Pichaimani, Professors, Sri Ramanujan Institute for Advanced studies in Mathematics, University of Madras were the judges. They appreciated the effort taken by the students and encouraged them keep up the spirit. Dr. K. Abdul

Ghani, Dean and Dr. L. Antony Michael Raj, Vice Principal congratulated the department of Mathematics for initiating the research acumen in students. P. Krishna Thiruvengadam and Team of Mechanical Department won the 1st Prize. Preetam and Team of ECE Department and Sachin Gupta and Team of Civil Department shared the 2nd prize. Dr. C. Dharuman, Prof. of Mathematics welcomed the gathering and Mrs. Shakeela Sathish, HOD/Mathematics proposed a vote of thanks.

Opportunities for budding game developers

Students creating the best game will get placement opportunities

Ashish George

A two day Workshop on Game Designing and Development was conducted in collaboration with “Virtualinfocom”, a game designing company. Priyaranjan, Avinash Jha, Pushpendra Rajput, third year Computer Science Engineering and Neha Singh, third year Bioinformatics coordinated the workshop under the guidance of Dr. D.Malathi, Head of Department, CSE and Mrs. Annapoorani Panaiyappan, Asst. Prof. CSE.

Game Designing is a technique where one learns the basics for designing a game including character sketching, sound effects, background designing, animation etc. Mr. Arijit Bhattacharyya, CEO, Virtualinfocom taught a total of 218 participants basics of both 2D as well as 3D games using the tools provided.

Following the workshop, “Game Designing and Development Club” was inaugurated by Dr. C. Muthamizhchelvan, Director Engineering and Technology. “This Club is first of its kind

in SRM, I congratulate the organisers for taking this initiative,” said the director.

Appreciating the efforts made by the students, Mr. Arijit said, “Our technical heads are keenly interested in supporting the club and helping the students in developing games.”

The club has experienced and professional trainers from Virtualinfocom, who will clarify all the doubts regarding game development. In addition to that, they will provide the updated information about the technologies required in the creation of the game.

The group of the students creating the best game will be getting placements in Virtualinfocom, Microsoft India, Intel India, Ibibo India and many such companies. These companies will also take up the responsibility to selling the games made by the group of students in the club, if they would like them. For online registration in club visit <https://sites.google.com/a/virtualinfocom.co.in/srmgamingclub/> or send mail to chennai@virtualinfocom.co.in



The winning team

SRM tops in Cricket

Spectrum Reporter

The MASC State level Inter Collegiate Cricket Tournament was Organized by Media Arts and Science College, Chennai From 12 to 15 September 2012. In the

semifinals, SRM University beat MCC College, Chennai (164 all out in 19.2 overs).

SRM went to bat first with 185 runs for 7 wickets in 20 overs (bharath sankar 103* not out, Aashish Kumar 30). In the finals, our varsity beat

SIVET, Chennai by batting first (175 runs for 8 wickets) while SIVET could make only 130 runs for 7 wickets in 20 overs.

The Best Batsman of the Tournament title was awarded to Bharath sankar, I year B.Tech IT, SRM University.

SRM - the ‘Defending Champions’ in Volleyball

Spectrum Reporter

The 2nd state level Volleyball Men Inter collegiate Tournament was organized by Hindustan University, Chennai From 24 to 27 Sep 2012. In the Quarter Finals, SRM University beat Sri Sankara University (25/23 and

25/09). The league results are as follows: SRM beat Sathyabama University (25/18 and 25/16) and beat Hindustan University (25/11 and 25/05) entering into the finals where it beat Panimalar Engineering College (25/22, 21/25 and 25/23) bagging the title of ‘Defending Champions’.



*Clockwise from top right: The organisers - Rishab Gupta and Shobhit Khandelwal
Participants in action The finalists: Prasanna Rao on the left*

U-16 World Champion wins SRM’s first chess tournament

Soaham Datta

The recently established chess club under Student Activity Centre (SAC) organised its first tournament in the campus. It was very well received with almost 250 participations spanning over two days.

While some just came to try their luck at a game of chess, there were others who brought years of professional experience

to their game. It showcased the depth of chess talent at SRM University. While there were several State level players amidst the gathering, there was also an under 16 world champion, Prasanna Rao, a 1st year Computer Science Engineering student, who went on to win the tournament. S. Aravind Kumar, a state level player from Information Technology, IInd year secured

the runner up position.

Rishab Gupta, IIIrd year IT and Shobhit Khandelwal, IIIrd year Electronics and Communication Engineering, co-convenor and head of the chess club respectively, organised the event and acknowledged the invaluable support from Mrs. Anuradha Parakkat, Director Student Affairs and Professor S. Rajendran, Head of Department of Information Technology.



The Defending Champions

Unheard Indian Brilliance...

Lavanya Durai
Saipriya S D

Amitav Ghosh, Ruskin Bond, Jhumpa Lahiri, Arundhati Roy, Aravind Adiga and Vikram Seth. These are a few of the names that come to mind when one thinks of Indian literature and well established Indian authors. What is invisible to our eyes is the tidal wave of new authors taking over the market. Treading where no Indian has dared to venture before. No topic is considered taboo anymore.

One such author, whose 3 books have been bestsellers, is Ashwin Sanghi, who previously wrote under the pseudonym of Shawn Haigins.

Indian authors are often pushed to the side by their western counterparts majorly because the general public isn't aware of their existence. The next time you visit your library or bookstore, take a leap of faith and pick up a book written by a fellow Indian, it just might surprise you

The Chanakya's Chant, The Rozabal Line and the recently released The Krishna Key are his successes. Readers are terming him "India's answer to Dan Brown". Another noted Indian author, Pankaj Misra, was awarded a Los Angeles Times Art Seidenbaum award

for his novel, The Romantics, which was published in over 10 European languages.

Sudha Murthy, spouse of Mr. Narayan Murthy, the founder of Infosys, is an excellent fiction author. Her book, How I Taught My Grandmother to

Read and Other Stories was translated into 15 languages. The Aryavarta Chronicles, penned by Krishna Udayasankar, has been receiving good reviews as well. Another bestselling author of fiction and poetry is Anita Nair. Some of her books are The better man and Ladies

coupe. Jaishree Misra's debut novel Ancient Promises was a bestseller in India.

Bishwanath Ghosh, Deputy Editor of The Hindu, in Chennai and author of Chai Chai and Tamarind City, is another writer to look out for. The Tamarind City is a portrait of Chennai's history. His weekly column 'The Sunday Diary' in The Hindu is also gaining popularity.

Indian authors are often pushed to the side by their western counterparts majorly because the general public isn't aware of their existence. The next time you visit your library or bookstore, take a leap of faith and pick up a book written by a fellow Indian, it just might surprise you.

अपना भारत-प्यारा भारत

गोस्वामी ओमकार भारती III B.A. JMC

पुलकित विकास के सपनों से है, वहिस रहा सारा भारत,
जय-जय भारत, जय हे भारत, जय हे सत्यम-शिवम् भारत |

भागा पतझड़ आया बसंत
चटकी कलियों महका दगित,
उज्ज्वल अतीत हे चिर महान
हंसता सुंदर स्वदनमि विहान

है कैसी सुबहा शाम
रजनी कैसी अरु दिवस धाम,
खेतों में हरियाली हंसती
घर घर में शहनाई बजती |

नव पथ नव मंजलि पाने को, जो बंद पड़े थे खुले द्वार,
जय-जय भारत, जय हे भारत, जय हे सुंदर-सुस्मित भारत |

भटके राही को मिली राह
पथ में आया एक नया मोड़,
खोई महिमा है जाग उठी
आगे बढ़ने कि लगी होड़ |
गाँधी कि यादें पलट रही
है बुद्धदेव भी झांक रहे,
घर-घर गावों शहरों से अब
है जुरम सतिम सब भाग रहे |

यह जीवन का है नया दौर, जिसके सुख से है जुड़े तार,
जय-जय भारत, जय हे भारत, जय हे उन्नत-अनुपम भारत |

धरती अपनी सुंदर कितनी
कितना सुंदर है आसमान,
उज्ज्वल अतीत हंसता पल-पल
हंसती संध्या हंसता विहान
आओ मिलकर गुण-गान करें
अपने भारत का सुबह शाम,
है धर्म और कर्तव्य यहीं
यह है जीवन का परम धाम |

जय-जय भारत, जय हे भारत, जय हे अतीत सचिती भारत,
गौरव मंडति मिटटी महान, जय हे सत्यम-शिवम् भारत |



Bored? Click Away!

Saipriya S D
Lavanya Durai

The internet is a never ending, expanding universe. It has so many websites that are just waiting to be explored. So, chuck Facebook, Twitter and YouTube for now, because it is time to move on.

There are websites suited to satiate every interest of yours. The legendary Stumbleupon.com is the compass of the virtual world. It directs you to other sites, related to your interests, so you can just browse away.

Flipkart is a popular online shopping portal which has recently started gaining momentum. "Their packaging is better than others. They deliver fast no matter where you are!", Says Pranav Sharma a fourth year ECE student. Many order books from Flipkart just for the free quirky bookmarks.

Music lovers have obviously heard of 8tracks.com, where there are playlists designed, by other users, to fit every mood any individual can be in.

Tech freaks frequent wired.com, gizmodo.com and mashable.com. These websites have latest updates about the current and future trends in communication, entertainment and how they will impact major businesses.

Bored of eating at the same

place over and over again? Head over to burrp.com to check out the different eateries and other popular hang-out joints present all over the city. Lonelyplanet.com is one of the most popular sites for tourism and related activities.

For all the budding writers out there, scribd.com is a portal to unleash their creativity. It is a digital library where you can publish and discuss your original writings. Tumblr.com and wordpress.com are free blog hosting platforms. Visit any of these, and you're hooked.

imdb.com is the internet database of information related to movies, TV shows and actors. It has over a 100 million users and a trustworthy site to find out if that movie you're planning to watch is any good!

Manga (Japanese comics) have a huge fan base. Reading them online is what most fans in India do. "Mangareader is the best because it has a bigger database than any other manga website", says Ashwathi Arya a third year Biotechnology student. On a lighter note, 9gag.com, an image based site, is guaranteed to provide you your daily dosage of memes and parodies.

All you need is an internet connection and a computer to enter a world of limitless entertainment.