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Department of Computer Science and Engineering

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VOLUME 9

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UPCOMING EVENTS

UBERTECH 17

From HOD's Desk



"Success is not the key to happiness. Happiness is the key to success. If you love what you are doing, you will be successful."

Dr. Prasanna Devi, HOD CSE

At the outset would like to thank the faculty leadership of our beloved Dean, Dr. K. Duraivelu and the benevolence of Mrs. B. Padmavathi Madam, I am happy to work along with highly esteemed staff and very-much-willing-to-learn students to address the areas of improvement in the department!!

9th Induction Day



Prof. N. Sethuraman, Registrar addressing the parents

The 9th Induction Day of SRM University, Vadapalani was conducted on 21st July in the Auditorium. Students were filled with enthusiasm and their energetic faces glowed to prove their individuality in the upcoming phase of their career. The inauguration was held at 9 AM, the parents were seated in the Auditorium and the Students assembled in the campus classrooms. The Director of the SRM University addressed the aspiring students and motivated them to shine in the future. The Director also proudly mentioned the outstanding aof the Faculties and the students of the Vadapalani Campus and assured the students and the parents that they are in safe hands. Other than the Director, Our Honorable Dean and our Respectable HODs of CSE, Mech and ECE Departments also addressed the students and shared their experience to guide the freshers. The students were also informed about the "Anti-Ragging Committee" of our campus and were made it to sign.

Orientation Day



Dr. Prasanna Devi, HOD CSE



Freshers on Orientation Day

The Orientation Day for the 1st Years of CSE Department was conducted on 1st August in the Auditorium. This Orientation was handled by our Noble New HOD, Dr. Prasanna Devi. This session was solely conducted to introduce the CSE Department to the freshers. Various topics like the Exam Schedule, the internal marking scheme, the various achievements set up by the students of the department.

The student coordinator discussed the various scholarship programs and other future opportunities like the Study Abroad Program (SAP) which the students were contented to hear. The HOD gave an

exceptional motivation to the students and directed them to follow the standard path to achieve success. The students were steamed up after the session to corroborate their ideas in the upcoming years.

Model United Nation: SRM V MUN



Venkataramanan, Dr. S. Karthikeyan, Mr. Sunil Baffna, Yash Khairnar, Mr. Nandu Matta, Dr. Poomathy

Model UN is a fast-growing competitive activity for many students, but to a great deal of us, it means something more. Model UN has helped us grow into leaders, discover our futures, become confident in ourselves, and form lasting friendships with people from all over the world. SRM VDP organized its maiden edition of Model United Nations (MUN'17) at the national level that provided a platform to students for debating, public speaking, writing, critical thinking, international affairs etc. The event took place from 11th

August-13th August and the chief guest for the inaugural ceremony of the event was Mr. Sunil Baffna Divisional Director of TN and Sri Lanka, Toastmasters International. Who has enlightened the minds of young potential students with his motivational and inspirational speech. The event had a total cash prize of 1 lakh INR. The MUN-17 brought together over 125 students from different colleges to recreate the United Nations with five committees namely UNSC, UNHRC, ECOSOC, DISEC and IP. The event was organised

by the students of SRM Vdp under the able guidance of HOD of EFL Poomathi mam and Student coordinator Nandu Matta Sir. In order to make this event a successful one 31 members were part of the organising team from which more than 20 students were from CSE department headed by the Secretary General Yash Khairnar who is also a 4th year CSE student which is a matter of pride for the CSE department. The event ended as a grand success and was yet another achievement for SRM VDP.

Guest Lectures

Design Thinking and Artificial Intelligence



Shankar B

The young minds of our CSE department were given an opportunity to be inspired by the words of Mr Shankar B, a key member of the pioneering Design Thinking (a component of Artificial Intelligence) team at Polaris on Artificial Intelligence on 1 August 2017. He is a gold medalist and CBSE South Zone topper, B.Tech in Electrical Engineering from IIT Madras and was a Research Fellow at the City University of New York. He has 26 years of experience in the IT Industry and has donned technical, managerial and training hats during his stint in the IT industry. He has done projects for international clients like Toronto Humane Society, Canada, and Kansallis Osake Pankki, Finland. He has also conducted Design Thinking workshops in prestigious institutions like IIIT, VIT, MIT, etc. The lecture illustrated the idea and application of design thinking in AI in the industrial scale.

which is housing a 10 million dollar, 30,000 square feet Design Centre named FT8012. It is the first and the only Design Centre of its kind in the Financial Technology world. Shankar has been the representative of the Polaris Design Centre and has walked over 1800 employees of Polaris and 1000 students and staff of reputed colleges through the FT8012 Design Centre. His unique vision of AI opened up a whole new world of perspectives and ideas and sparked the minds of our eager students. The

adoption of Design Thinking has led to shorter product development times through increased productivity and reduced defects. An interactive questioning session which followed enlightened the understanding level of the students, making this an unforgettable experience. Shankar has also worked in the quality function in Infosys, HCL and Polaris. He has also driven ISO, BS7799, CMM and CMMI certifications and assessments.

Android Application Penetration



Aadarsh N (Zoho Corporation)



The White Hat Hackers Club, CSE Dept

The White Hat Hackers Club of CSE Department, SRM VDP, convened their first Guest lecture of this academic year on Android Application Penetration Testing, conducted by Mr. Aadarsh N, a certified application security tester from Zoho Corporation, on 31st July 2017. The Guest lecture began with an Invocation to the almighty, followed by an Introduction of resources person.

Android is one of the most widely used mobile operating systems, but its openness and diversity create application security challenges. It has a target on its back, partly because of its popularity, but also because of its well-known security shortcomings. This lecture was all about what we can do to fight back. Firstly, participants were introduced about various aspects of phone architecture like Linux Kernel, libraries, DUM, application framework and application platforms.

Followed by file storage and sandbox. No, it's not insecure. There are a lot of things Google has done that have moved expectations forward over the last couple of years. Application sandboxing is a relatively new concept in the world of Android security – the idea that applications don't have access to all user data, but only have access to their data is entirely new, it's not something that exists on Mac, it's not something that exists on Windows."

Student Achievements



UTKARSH AGARWAL

Utkarsh Agarwal, Infosys Ambassdor Champ

Co-curriculars have always been given importance here at SRM Vadapalani, it is because of the support extended by the management and the administration that our students excel in all fields. Cse 3rd year student Utkarsh Agarwal is selected as Infosys Ambassdor Champ. There were more than 200 applications for SAP (define about yourself, achievements, skills and qualities for becoming Infosys Champ) sent by Srmites to become Infosys champ from all the campuses. Out of them 40 were selected for the second round. Round two consists of Group Discussion and Personnel Interview at Ktr campus, 25 students were selected for the final round conducted at Infosys, Shollinganur branch. He was selected among the 10 info-champs because of his hardwork and constant perseverance.



Nikhil Nagarajan

Nikhil Nagarajan Internship in the company, Kuwait and Middle East Financial Investment Company (KMEFIC)

Traditionally, earning a college degree has been a cause for celebration. For most, the achievement signaled the onset of adulthood and offered the promise of a career that would start in mere months, if not weeks. But in today's job market, undergraduates who leave school armed only with a degree may not be so fortunate. "With the increased number of students, if I'm an employer or a medical school or business school, finding

a student who has a good GPA isn't particularly tough anymore," "So, what is going to separate you from your peers?" The answer: Internships. SRM University too, highly looks forward on Internships. Recently, a third year student from our department underwent his internship. He shared this thought to one of our reporters: "I had my three week internship in the company, Kuwait and Middle East Financial Investment Company (KMEFIC), a leading asset management

and financial services company in the Middle East providing innovative investment products and services, consistently producing strong returns and increasing shareholder value. I worked as a trainee under IT Risk and Security Audit and I was part of the Quick Response Team of the Company. I learnt about a new possible area where there is deficit amount of employees with low experience due to less awareness



Dhanyakumar Baid

Dhanyakumar Baid, MUN

Dhanyakumar Baid, who was representing the mighty nation of the United States of America in the United Nations General Assembly-Disarmament and International Security Committee, won a High Commendation and 7000 rupees. The agenda for this committee being Combatting Transnational Organised Crime (TOC) with a special emphasis on the Middle East, the committee ended up concluding that these TOCs end up funding the violent non state actors (terrorist organisations). The committee discussed drug trafficking, human trafficking, cybercrime, illicit weapons trade and money laundering. Towards the end, the committee passed a draft resolution authored by Dhanya. This draft resolution will be sent to the United Nations Information Center for India and Bhutan and will be referred to by the Indian delegation in case it discusses the agenda.

Semester Abroad Programme Experiences

DIPANKAR, Western Sydney University(Australia)

In January this year something phenomenal happened with my life that was I got selected for student exchange program to Australia. I never expected that I will be able to go for it but it was happening with me. I started my course at Western Sydney University as a exchange student in February with The School Of Computing Engineering and Mathematics (SCEM) there. I did four units there that includes one in Design, one in Networks and one with Web. During the second month of my stay there I got a part time job with the university as a Technical Support Assistant and worked overnight to support my stay and my personal expenses. I worked on a lot of projects there some of them includes The WSU Solar Car Project that was the best project I worked in. My course was Exchange with Internship so during my last two months there I got an internship with SCEM Cyber Security Project as a Server Penetration Tester that was the best part of this program as during these two months I learnt a lot about the domain I want to be in my future. I also worked with VIVID Sydney and Sydney International Rowing Regatta as a Technical assistant. VIVID is the festival of lights music and ideas it is considered to be one of the best festivals in Australia I was lucky enough to get an opportunity to work with them.



Dipankar
Western Sydney University, Australia

Sahithyan Sivakumar, UMEA(EUROPE)

I chose to study at Umea because I was awed by the multi-cultural faculty and student base there. Umeå is a scenic place and to study amidst such beauty of nature has given me a life-time experience. Umeå University has been ranked first in Europe and ninth in the world for student satisfaction by the International Student Barometer. As an International Student Experiencing the Northern Lights, arctic landscape, endless summer nights and beautiful open countryside was breath-taking. The S.A.P. programme provided me with the opportunity to study under a highly experienced faculty with a very different approach to education. I personally had the Opportunity to explore Eastern Europe and visiting almost 8 new countries . Their education system was also completely different.



Sahithyan Sivakumar
Umea University, Europe

RAM KUMAR, UMEA(EUROPE)

It was an exhilarating experience to say the least. We got to see the extraordinarily beautiful Aurora borealis, to experience the Swedish Culture, the long winter's, ice skating with the ski resort conveniently placed. I personally had this great Opportunity to explore The Eastern Europe and visit 8 new countries . Their education system was completely different. For one of our courses, we had access to a distributed computer on which we ran all our programs and projects, The same which handles almost 1/3 rd of the data produced by the Cern institute in Geneva. It is a one time opportunity for students like us who are striving for success. I hope the students of our department get more such opportunities and make out the best of it possible.



Ram Kumar
Western Sydney University, Australia



WORKSHOPS

- > Android 101
Prateek Gupta- 9962165492
Adithya Bhosale:- 9940470410
- > Ethical Hacking and Cyber Crime
Harshit Soni:- 7358574157
Dipankar Dey :- 9791628551
- > Hardware & Networking
K..S Anand :- 8190093104
Rohith Gupta :-9600098620

PAPER PRESENTATION TOPICS

- Android
- Artificial Intelligence in Machines
- Attacks on Smart Cards
- Autonomic Computing
- Big Data
- Brain-controlled car for disabled using artificial intelligence
- Cloud Computing
- Cyber Crime and Security
- Humanoid Robots
- Image Processing
- Indian Regional Navigation Satellite System (IRNSS)
- Machine Learning

NOT LIMITED TO ABOVE..

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LAST DAY OF SUBMISSION:

8 September 2017

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Department of Computer Science and Engineering



SRM UNIVERSITY
(Under section 3 of UGC Act 1956)



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