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Department of Computer Science and Engineering

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CSIT Mission Programme by British



Mrs. Padmavathi, Dr. C. Gomathi, Dr. Gary Ushaw, Dr. Simon Lynch, Dr. K. Duraivelu, Mr. Kartar Singh, Dr. David Collins, Dr. Stephen Gill, Ms. Sonu Hemanii , Mrs. Madhumathi Rajesh

In order to establish a strong relationship between the Indian Universities and the universities in United Kingdom, Professors from various UK universities paid a visit to the Vadapalani Campus on 23rd February 2016. They interacted with the students and delivered lectures on various hardcore technical topics of their specialization. There was a brainstorming session with the Dean, heads of the departments and senior professors about the collaborative projects and research activities. The Director of the International Relations Department attended the entire mission program. Dr Gary Ushaw, Reader in Distributed Computing department, Newcastle University delivered a lecture on Computer Game development and Engineering. He briefed the challenges for developing efficient software for computer games, and the applications of game technologies to wider areas of research.

Stephen Gill, Academic Head from the School of Mathematical and Computer Sciences, Heriot-Watt University, Dubai Campus lectured on Data Mining. A Paradox. He detailed about mining the data sets by factor analysis, statistical analysis and ways to selectively identify problems. Simon Lynch, Principal Lecturer at Teeside University spoke about how Artificial Life meets Artificial Intelligence. He elaborated on various disciplines of AI and how work which straddles the boundary of these two areas influence, how we model complexity, public health, etc. and explained how these ideas could be used for AI based game applications. David Collins, International Director of Keele University delivered a lecture on Cloud Computing, Economics and Democracy. He explained the ways in which contemporary computing is changing the nature of societies. They found no difficulty in reaching out the students and

Best Outgoing Student of CSE



Srinivasa Teja

TALLURI SRINIVASA TEJA from the fourth year of the Computer Science Engineering, SRM vadapalani campus, was awarded the best outgoing student on the 8th Annual day. He is the CEO and founder of 'Mindstaple', an Education –based social network for students, teachers, academic and administrative staff providing various tools for institutions. He is also a CEO and founder of 'Bayesian Bloom' which is a Healthcare Data Analytics start-up to analyse patients data and also provides affordable services. Srinivasa Teja's achievements has brought laurels to our department and the institution, some of which are; Class President and was also Awarded Second Prize in the Big Idea Challenge for development of a location-based blood donor service. He was also offered to be admitted into the University of Wisconsin - Madison as a Visiting International Student for the 5th Semester. He was offered to pursue his masters in CS at Carnegie Mellon University, Pittsburgh. He has conducted 45 technical research projects in various areas such as Robotics, Machine learning, Computer vision, Cloud etc.

Srinivasa Teja has also secured CGPA: 8.435 and done excellent Graduate-level coursework in Machine Learning by Prof. Andrew Ng (Coursera), Neural Networks for Machine Learning by Prof. Geoffrey Hinton (Coursera). Adding another feather to his cap, he has also published a book chapter on Cyber Security Threat and Vulnerability Prevention using Machine Learning published in Combating Security Breaches and Criminal Activity in the Digital Sphere, IGI Global in May 2016. While expressing his gratitude towards his mentors and teachers, he has also had a special mention of our HOD Mrs. B.Padhmavathi and Mrs. Poonkodi.

Second Year CSE Student awarded with Scholarship



Nisha Mariyal

Success is not final, failure is not fatal: it is the courage to continue that counts", a quote, by Winston Churchill stands so tall for Nisha Mariyal of CSE department, Vadapalani campus. She received a 'Certificate of Excellence Top Ranker 2017' award on 22nd March 2017, which was awarded by Shri Dewang Mehta Foundation Trust in collaboration with NASSCOM and SRM University. The foundation Trust catalogs various initiatives to acknowledge the students in IT sector. The 'Dewang Mehta Excellence Award' is one such initiative where students with excellent academic performance are recognized. She was awarded as 'Department Topper' on the annual day conducted on 17th March 2017 and also received a scholarship of Rs.46,250 for holding a CGPA of 9.84. One solution on which she personally arrived was to plan a day ahead and have an agenda. It could be different for different individuals. Never study just for the sake of scoring marks, but learn for the sake of quenching one's thirst for knowledge. And even after you ultimately succeed, do not be caught in pride.

Inaguration Ceremony of Quality Circle Forum of India(QCFI)



Dr. Duraivelu, Mr. Murgan(Joint Secretary),Prof. C.Uthaykumar(Secretary),Mr. A.Mayurana,Mr. T Narshiman(Secretary)

The Student Chapter of the Quality Circle Forum Of India (QCFI) was inaugurated in SRM University – Vadapalani Campus on 22nd February 2017. The Chief Guests for the program were Mr A. Mayuranathan (Ex – Chairman, QC-FI-Chennai Chapter), Mr Murugan S. (Joint Secretary, QCFI – Chennai Chapter), Mr TR Narasimhan (Chairman, QCFI – Chennai Chapter) and Prof.C.Uthayakumar (Secretary, QCFI – Chennai Chapter). Around 150 students participated in the event. The inauguration ceremony was followed by training sessions.Mr. Mayuranthan introduced the participants to Quality Circle and the working methodology on PDCA cycle. He discussed about the organisational structure, roles, responsibilities and the benefits of then Quality Circle. This was followed by a session by Mr.Murugan on the 7QC tools. He also talked about the importance of Data, Types of Data and Data Collections. The program ended with the formation of 7 Quality Circle teams for the campus.

QCFI Event:“Problem Solving Assesment of Campus”



Project Presentation in Conference hall of Cse Department

The SRM UNIVERSITY, VADAPALANI CAMPUS organized an event for the Quality circle members on 14th March 2017. Wherein this event brings out productive and interactive participation among the students and employees for solving problems in an organization or institution.The panel of judges comprised of Dr.K.Duraivelu, Dean (E&T), Dr.C.Gomathy, Profesor & HOD (ECE), Dr. S. Karthikeyan, Professor & HOD (Mech) and Mrs.B.Padhmavathi, Asst. Professor & HOD (CSE).The QCFI inauguration which was held on 22nd February 2017 also briefed the students about the entire function of Quality Circle. The case studies under this quality circle were “Student incompetence to face real life challenges” by team PHOENIX, “Auditorium booking” by TRANCENDO, “Event management” by devOps 7.3, “Management system for staff and Members” Bytes Team, “Bonafide Certificate and Hostel Outpass Approval” by DotDev. The result of this Quality Circle competition was declared by Dr.K.Duraivelu, Dean (E&T) on the College day of SRM UNIVERSITY, VADAPALANI CAMPUS. The first place was grabbed by the team TRANCENDO (Computer Science Department). They exhibited their project on online auditorium booking which is a web portal that allows and makes the users comfortable to book the auditourim for an event to be organized.

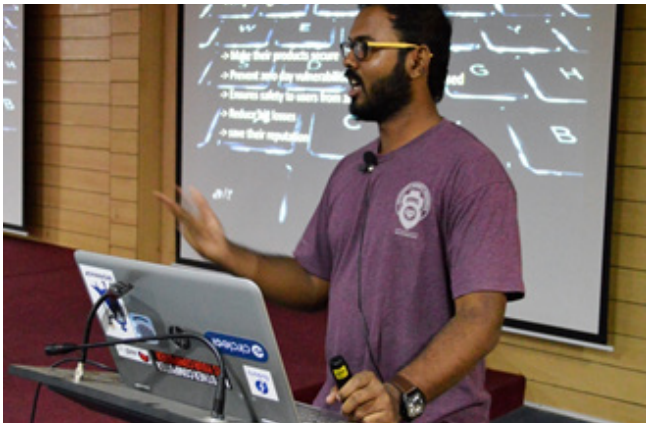
Guest Lecture on Software Engineering Principles



Dr.N.Shivakumar delivering the guest lecture.

A guest lecture on Software engineering Principles was conducted for the third year CSE department students of Vadapalani campus on the 9th of February 2017. The Invited Speaker, Dr.N.Shivakumar, is an Assistant Professor, at Pondicherry University and has completed his Ph.D in 'Agent Oriented Software Testing' from the same University. Dr.N.Shivakumar delivering the guest lecture. The informative session comprised of an introduction to software, software engineering, Software Development Life cycle, Process models, software testing-objectives, Software metrics and strategies. The details of his presentation were relevant to the subjects dealt in the ongoing semester

Technical Talk on Bug Bounty



Technical Talk on Bug Bounty by S. Venkatesh

On 20th of February 2017, hosted a technical talk about Bug Bounties and Internet Security. The talk was conducted by the prolific White hat Hacker S. Venkatesh who is a renowned Web Application Penetration Tester, Security Researcher and an Application Security Engineer. He currently holds the 68th rank in the Google Hall of fame and is one of Top Security researcher in Google VRP (2016). The students were taught about how a bug bounty works, and various deals offered by many websites and software developers by which individuals can receive recognition and compensation for reporting bugs, especially those pertaining to exploits and vulnerabilities. He taught students how to inform and exploit vulnerabilities in their application to company and the protocols related to bug bounty.

Coders Capitalize Demonetization



Aditya Das, SagarVakkala, Rishab Singh

The Indian Institute of Technology, Madras conducted IITM Restcomm Hackathon on 4th and 5th February 2017. Each team was required to Design and Market a product from scratch for public assistance within a time frame of 48 hours. SagarVakka, Aditya Das and Rishab Singh of first year CSE, from SRM Vadapalani campus,, developed an idea from the then situation of demonetization and successfully completed the given task. Their product OFFPAY enables public to transfer money offline using Wi-Fi Direct which rules out 3rd party interference in the above process. The competition had two rounds – Technical and Marketing in which they had to explain and market the product. They won the second place with a cash prize of Rs.15000.

SRMites shine at SASTRA



Ritesh , Shivendra, Abhishek, Shai

The Sastra University hosted Daksh-Sastra Fest 2k17 on 26th feb 2017 in which four students from 3rd year CSE Department participated in a team of two. There were three rounds in the competition namely Source Code, Dot apk and Spider Web. Two Computer science students Ritesh Hota and Shai Krish participated in Spider web which was a web development competition. And the other two students, Shivendra Singh and Abhishek Dhabolkar participated in Dot Apk. There were a total of three rounds in each competition which were cracked by our techno geeks. The team had been working hard for a win since they were runner ups in last years edition of the competition. This year they had bagged a total cash prize worth Rs 60,000.

Auditorium Website



Nikhil, Gurkeerat ,Dhanyakumar and Abhinav

Innovation and development which has always been a dream at SRM University, Vadapalani came to existence again by a group of four developers from second year from the CSE Department namely Abhinav Upadhyay, Dhanyakumar Baid, Gurkeerat Singh Sondhi and Nikhil Raj. These young minds saw a way to simplify and revolutionise the way SRM University, Vadapalani's auditorium was booked by different departments(internal and external). The bookings that were done previously were all on paper and phone calls which happened to be a little tedious than what they thought it should be. The students interacted with the Dean and Head of Department of CSE directly and work tirelessly to make an efficient functioning online portal for Auditorium Booking in four days, a feat normally achieved in two-three weeks by professionals. This was essentially a web-app hosted at "srmvdpauditorium.in". The students were appreciated by the Dean directly and are to receive a "Letter of Recommendation" for the same. This website was also one of the projects/solutions presented in the QCFI and won the first prize.

SPORTS: Intramural 2016-17



CSE runnerup's



Basketball Team

The moment of victory is much too short to live for that and nothing else," said Martina Navratilova, tennis player. Apart from commemorating victories, sports meet also aim at develop in the students a sporting spirit, a venue to display their physical prowess and gain hands on experience of organizing such events in future. Department of Physical Education & Sports organized the Annual Sports Meet (Intramural 2016-17) on 27th and 28th February 2017 at our campus and SRM Kattankulathur upholding this aspect of sporting events. All the students of various departments actively participated in various events with full sportsman spirit. The Outdoor Sports conducted include Cricket, Basketball, Volleyball, Football and Throwball. Indoor Sports like Table Tennis, Badminton and Track events like 100m, 200m, 400m and relay with various categories saw the maximum participation. Players from our department gave tough competition and emerged as champions in many events. However, the rolling trophy was won by Mechanical Department (79 Points) but the runners were our own CSE Department with 60 Points. We congratulate the winners and hope they continue to bring more fame in the name of CSE and in the name of SRM.

TECHNOZARRE '17



Mrs. Padmavathi, Dr. Harish Ramani. Mr. Chintu



Student Co-Ordinator's of White Hat Hackers Club

The White Hat Hackers club of SRM Vadapalani campus organised a national level technical fest “TECHNOZARRE” on 27th March 2017. Technozarre 2k17-exhibited technology at its best, but with an equal mix of surprises and bizarreness. The occasion was graced by the distinguished presence of Dr.Harish Ramani, Chief Technology Officer, Director of Technology and Training. Dr. Harish Ramani, holds a Ph. D., in Underwater Wireless Communication., (2014) from Australia. He also holds a M.Sc. in Computer Science & Technology (2009) 5-Years Integrated Course, completed in India, apart from multiple certifications in the Cyber Security space, He is an EC-Council Certified Security Analyst trainer and Certified Hacking Forensic Investigator and holds CEH, CHFI, ECSA and CEI certifications. The Inaugural function was held in the auditorium at 10 AM, and various events were followed such as Live hacking demonstration, Techie-Talkie (On aspects of Information security), Startup Sutra, Numero Uno took place and the students participated actively. Exciting prizes were given to the winners, which includes cash prizes as well as gift coupons of worth 10,000 rupees.

The event Live hacking which comprised of both technical and non-technical, focused on all hacking abilities. Mr.Chintu, was the judge of the Live Hacking event, he's the lead of OWASP and Null Chapter, Chennai. The winners of live hacking – technical event were Tarun,Ayush, Shashank from first year, CSE. The winners for Live hacking ,Non-technical event were Lini and Team from third year, CSE.The winners for the event 'Numero Uno' were Vineeth and Abhishek, third year, CSE and the runners up for the event were Mukesh and Amritanant from third year, CSE.he winners for the Non-Technical event Treasure hunt were M.Puneeth and Ashik, second year,CSE. The winners for the event 'Qwerty Crack' were Tanya Soni, from third year,CSE. Aashika, from second year ,CSE won the event 'Upside Down'. The winners for photography event 'Shutter Shock' was Vivek Kumar, third year CSE.All in all the event was a grand success. The plethora of learning and knowledge was showered upon the young aspirants in science and technology and was indeed an exciting opportunity. All the participants left the venue with a smile on their face, and tons of knowledge in their minds.

