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Department of Computer Science and Engineering

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Volume 12

For Private Circulation Only

RECAP - Volume 11

- > RCDDS' 18 Research Conference on Data and Decision Sciences - 4 May 2018
- > Sports Day - 2 and 3 February 2018
- > Technozarre' 18 - 14 and 15 March 2018
- > Placement Record of batch 2014-18
- > Farewell Day - 20 April 2018
- > University Toppers - 2018
- > FDP on Research Paper Writing with Hands-on using LaTeX tool - 28 and 29 June 2018
- > Digital Marketing Workshop organised by British Council - 29 June 2018
- > 10th Induction day - 27 June 2018
- > Technical Advancement - eLearn

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UPCOMING EVENTS

- > Technozarre' 19 - 22 and 23 February 2019
- > RCICD' 19 - Research Conference on IoT, Cloud and Data Science - 5 and 6 April 2019 - www.rcicd.com

The poster for Technozarre'19 is a dark-themed graphic with various colored circles containing event details. At the top, it reads 'SRM Institute of Science and Technology Vadapalani Campus WHITE HAT HACKERS CLUB Department of Computer Science and Engineering'. The central text 'TECHNOZARRE'19' is in large, stylized letters. Surrounding this are several event circles: 'Two days Workshop on Flutter and Firebase' (Cross Platform App development with Dart, Flutter and Firebase, ₹600), 'Workshop on Wire Framing' (By Harsha Kakkeri 22/02/2019, ₹250), '21st and 22nd February' (date), 'Workshop on Digital Marketing' (₹250), 'The most awaited HACK IT UP The real Hackathon', 'Blind Coding' (Test your coding & problem solving skills, ₹250), 'Gaming' (Counter Strike FIFA 18 Pubg Mobile Mini Militia, ₹50), 'Workshop on BLOCK CHAIN TECHNOLOGY' (₹300), and 'Internship Fair' (This is your chance ahead of it!, ₹250). A QR code is also present. At the bottom, contact information is provided: 'https://technozarre.whhc.in', 'https://www.facebook.com/WHHC.SRM/', and 'Contact us- 7358582241 (Ayush) | 8056210183 (Purushothaman)'.

Ubertech' 18 - Inaugural Function



(L-R) Mrs. Poonkodi, AP CSE, Dr. S. Prasanna Devi, HOD CSE, Dr. George Washington KDC Anna University (CG), Mr. Anantharaman Prakash, Vice President, Renault Nissan (CG), Dr. K. Duraivelu, Dean (E&T), Mr. S. Sridhar, AP CSE

The most awaited technical symposium, Ubertech 2018, National level technical fest was conducted by the Computer Science and Engineering Department as part of ACE club at SRMIST, Vadapalani. The department takes the initiatives to encourage the spirit of science and technology and equips students and it serves as a platform for students to showcase their talents and their interests towards various technology. This year, Ubertech'18 was inaugurated on **7th September 2018**. The Inaugural function Ubertech'18 was honored by the presence of **Dr. D. George Washington, Director, Knowledge Data Center at Anna University and Mr. Anantharaman-Prakash, Vice President at Renault Nissan Technology Business Center of India** as chief guests for the event.

Dr. D. George Washington encouraged the students with his inspiring life lessons and valuable insights about his experience in the academia world.

Mr. Anantharaman Prakash delivered his special address on the Digital age and explained the emerging growth of Computer engineers in the automotive field. The inaugural function was concluded with the vote of thanks given by Mr. Jervin, President of ACE club.

Workshops of Ubertech' 18

The following workshops were organised as part of two days technical symposium Ubertech' 18 :

- * Animoweb '18 - A workshop on Animation and Web Development
- * Reality Matters - A Game Development Workshop
- * LAMP - A workshop on Linux, Apache, MySQL and PHP
- * Career Development in Cyber Security - A guest lecture organised by WHHC
- * An Introduction to Data Science - A workshop on fundamentals of data science
- * Level Up - A workshop on Personality Development and Entrepreneurship
- * Image Processing Workshop - A workshop on Image Processing using OpenCV and Python
- * Data Analysis - A workshop on Data Analysis using R and Tableau

Workshop on Industrial IoT



(L - R) Mr. Vishnu Renganathan, Mr. Sam Sundar (Resource persons), Dr. S. Prasanna Devi (HOD/CSE), Mrs. G. Chammundeswari, AP, CSE, Mr. Vivek Ram Vasani (Resource person from Nokia Networks)

A two days hands on workshop on Industrial IOT was successfully conducted in the Department of Computer Science & Engineering, on 3rd & 4th September 2018.

The programme was conducted by the three resource persons, **Mr. Vivek Ram Vasani, Mr. Vishnu Renganathan, Mr. Sam Sundar, designated as Manufacturing Solutions Support Engineer from Nokia Networks and Solutions Ltd.** The workshop focused on hands on session on the Internet of things and programming with the Sensors, Arduino Uno board and Node MCU for the day 1. The programming on Raspberry Pi and Node MCU was taught and hands on session was given and the demonstration on AR and VR is also shown on the day 2. The students were taught to do projects with sensors and Processors on the whole.

Career Development in Cyber Security - A Guest Lecture organised by WHHC



Students with the resource person

White Hat Hacker's Club, Department of Computer Science and Engineering, SRM Institute of Science and Technology, Vadapalani campus hosted their first of its kind national-level open source hacking competition-cum-training 'Hack-it-up' on **27th & 28th of September 2018**. The club's vision is to make students pioneers and aware of practices in the domain of information security and penetration testing. Hack-it-up is a two-day event was organized in such a way that participants were tested at every step of learning. Day one of the workshop was full of practical-oriented learning by **Mr. Sriram, CTO and**

Founder of PrimeFort where the instructor taught the participants about the specifics of multiple exploitation techniques. It also witnessed a competition on the day-two, where participants were tasked to find exploits in the platform developed by the club of which top 3 performers were declared winners. The winners of the competition were given Earphones, t-shirts and a chance to intern with various companies.

Farewell to Mrs. B. Padmavathi



Department of Computer Science and Engineering organized a farewell for Mrs. B. Padmavathi on 8th November 2018 who served as Asst. Prof. (S. G) and HOD incharge of the department from December 2011 to July 2017.

"All the staff members of our college would like to say bye to you and wish you good luck and good health for the future"

- Department of Computer Science and Engineering
SRM Institute of Science and Technology
Vadapalani Campus

Ubertech' 18 - Valedictory Function



Dr.S.Prasanna Devi, felicitates HOD CSE Our Chief guest Mr.M.Senthil Kumar. DGM Rane

Ubertech 2018, National level technical fest was conducted by the Computer Science and Engineering Department as part of ACE club at SRMIST, Vadapalani. This Ubertech 2018 served as a platform for students across the nation to showcase their talents and they also made the event a grand success. The National level technical fest conducted many workshops, technical events and non-technical events to prove their talents. The valedictory function was conducted on **8th September 2018**. The Valedictory function was privileged by the presence of **Mr.M.Senthil Kumar, DGM, Rane** served as Chief guest and **Ms.Irene, Overseas Business Head, WPS, China** served as Invited guest.

The prizes and of various workshops, technical events and non technical events were distributed by the Chief guests and Invited guest. The Valedictory function was concluded by vote of thanks given by Mr. Gokul Kumar K, Assistant Secretary of ACE club.

FDP on IoT using Arduino and Raspberry Pi



Participants with the resource person

A two days Faculty development programme on IoT using Arduino and Raspberry Pi was successfully conducted in the Department of Computer Science & Engineering, on **26th Nov & 27th Nov 2018**. The FDP programme received an overwhelming response with overall 42 participants from various engineering colleges in Tamil Nadu.

The programme was inaugurated in the morning by Dr. S. Prasanna Devi (HOD, CSE) & Mrs. G. Chamundeeswari (Coordinator, FDP). Mr. Vivek Ram Vasanth, Software Engineer, Robert

Bosch Ltd, Mr. Vishnu Renganathan, Ms-Support Engineer, Nokia Networks and Solution Ltd & Mr. Sam Sundar, Ms-Support engineer, Nokia Networks and Solutions Ltd., served as the resource persons for the entire programme. The agenda of the FDP is to equip the faculty with the practical sessions on IoT.

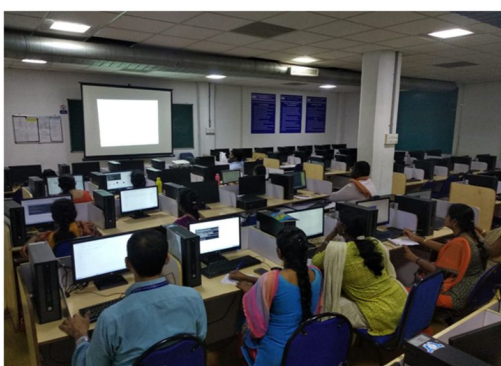
FDP on NLP with hands-on Alexa Skill



One day Workshop on NLP with Hands-on Alexa Skill kit was successfully conducted by the Computer Science and Engg department of SRM Vadapalani Campus on **30th November 2018**. The workshop programme received an overwhelming response with 35+ participants from various colleges in the state. The programme was inaugurated by Dr. S. Prasanna Devi, Head-CSE and coordinated by Ms. S. Rama, Asst. Prof-CSE.

The resource person was Mr. Bharathi Athinarayan, Principal member in AT&T Communication Services Pvt Ltd, Bengaluru. The session started with introduction to NLP, Alexa Skill set with code samples that make it fast and easy to add skills to Alexa. Also, participants published their skill to the India Alexa Skills Store. Resource person made the session as highly interactive and ignited the participants towards this technology.

FDP on Deep Learning



using convolutional neural networks in session 2.

A Faculty Development Programme on “Deep Learning” was held on **3/12/2018 & 4/12/2018**. The FDP started with the welcome address given by Dr. S. Prasanna Devi, HOD-CSE, which was then followed by the sessions handled by Dr. G. Paavai Anand and Dr. J. Arun Nehru. Theoretical foundations of deep learning were discussed in session 1, followed by a hands-on session on the installation set up for anaconda. In this session, basic neural network implementation in Python was discussed and implemented. In the session 1 of second day, hands-on training on Text classification using deep learning framework was done. This was followed by the hands-on training on image classification

Tech Camp



Pictures from the Tech Camp

One day technical camp on Programming with Scratch & IOT was successfully conducted by the Computer Science and engineering department of SRM IST Vadapalani Campus on **25th Jan 2019**. The program was inaugurated by Dr.S.Prasanna Devi, HOD-CSE.

The students were split into two batches. Programming in Scratch session was started by an introductory speech about basics of Scratch by Ms.S.Niveditha, followed by hands on experience in Scratch IDE on post card making, animation, and gaming using block programming.

In IOT session, they were given an introductory session on the need for IOT by Ms.V.Akila. Later they were taught about the basics of Arduino and Raspberry-pi. They were trained in simple programs in Arduino IDE. The session came to an end by distributing certificates to all the participants by Dr.C.Gomathy, HOD-ECE.

Outreach Programme



Students being given with certificates during the outreach programme

The outreach program on the topic "Robotics" was conducted successfully on **17th July 2018** at Govt. High School, Vengadu which is located at Sriperumbudur, Kanchipuram Dist.

A team of five members including two staff members Mr.Manikkannan and Mr.Aravinda Krishnan and three students namely Shasidhar Ganesh, K.Saivarun and Nandakumar.R of second year conducted the Outreach program.

The students were thought about the basics of "Robotics" with interactive sessions. Even live demonstrations were given in order to make the students understand things in a better way. At the end of the session the best students were given with prizes.

Outreach Programme



Students concentrating the session handled by our team members

On 12th July 2018, a team of 6 people, visited the Vivekananda Vision School, Uthukottai, Tamil Nadu. On a mission to impart their knowledge to the children of class VII to IX. This mission was carried out as a part of the SRM IST Outreach Program.

The team of 6 selected by the Head of the Department of Computer Science and Engineering, SRM IST Vadapalani consist of the professors Dr. J. Arun Nehru, Mr. BS. Vidhyasagar and Mr. N. Muthurasu, and the students Mr. Khagendra Kumar, Mr. Shreyas Keelary and Ms. Mehul Gautam. It was to their surprise that they were greeted with nothing sort of an array of over excited and enthusiastic children who were eager to learn as much as they could. The prime focus of this workshop was to enlighten the knowledge to the student.

Industrial Visit

Industrial Visit was arranged for third year students of Department of Computer Science and Engineering to C-DAC, Bengaluru.

C-DAC, Bengaluru centre, is the 2nd of C DAC centres to be established in 1989 to carry-out research and deliver solutions and products in the area of System Software for PARAM series of super computers of C-DAC. PARAM Padma, housed at C-DAC's Terascale Supercomputing Facility (CTSF) is a result of its third mission project in High Performance Computing Technologies.



Students at C-DAC, Bengaluru

Students Achievements



SRM Defeated LICET by 42 runs in the final of the LICET inter-engineering college T20 tournament

The students Shriram and U. Vishal were part of the team from our department.

S.No	Reg Number	Name of the student	Name of the event/ organizing institute/ place/date	Nature of participation Details of award/prizes won if any
1.	RA1711003040176	VARSHINI V	16 TH DELHI INTERNATIONAL OPEN GRANDMASTER CHESS TOURNAMENT/GANDHI INDOOR STADIUM/JAN 2018	WINNER – SECOND POSITION
2.	RA1711003040169	ANKUR KUMAR	HACK-IT-UP A NATIONAL LEVEL HACKTHOR IN CYBER SECURITY /SRMIST,VDP/27 TH & 28 TH SEP 2018	WINNER – SECOND POSITION
3.	RA1711003040061	SHASHIDHAR GANESH G	SMART CITY CHALLENGE-IET CHENNAI LOCAL NETWORK/HILTON,CHENNAI /29 TH SEPTEMBER 2018	WINNER-THIRD PRIZE
4.	RA1711003040102	YESWANTH RAGHAV AVS	CHENNAI INTERNATIONAL YOUTH FEST 2018	WINNER-FIRST PRIZE
5.	RA1711003040102	YESWANTH RAGHAV AVS	BERTRAM TOURNAMENT/ LOYOLA COLLEGE CHENNAI/ 2018-2019	WINNER-FIRST PRIZE
6.	RA1711003040176	VARSHINI V	THAILAND OPEN CHESS CHAMPIONSHIPS/THAILAND/2018	BEST LADY- OPEN DIVISION

7.	RA1611003040252	ARVIND BEDI	HACKATHON HACKFEST'2018/ITM BUSINESS SCHOOL,SIPCOT IT PARK, SIRUSERI,CHENNAI/6 TH AND 7 TH OCT' 2018	HONOURY AWARD POSITION AT GOOGLE DEVELOPERS GROUP
8.	RA1611003040142	RAHUL SAINI	HACKATHON HACKFEST'2018/ITM BUSINESS SCHOOL,SIPCOT IT PARK, SIRUSERI,CHENNAI/6 TH AND 7 TH OCT' 2018	HONOURY AWARD POSITION AT GOOGLE DEVELOPERS GROUP
9.	RA1611003040169	GAURAV RAI	HACKATHON HACKFEST'2018/ITM BUSINESS SCHOOL,SIPCOT IT PARK, SIRUSERI,CHENNAI/6 TH AND 7 TH OCT' 2018	HONOURY AWARD POSITION AT GOOGLE DEVELOPERS GROUP
10	RA1611003040256	RINKESH GORASIA	HACKATHON HACKFEST'2018/ITM BUSINESS SCHOOL,SIPCOT IT PARK, SIRUSERI,CHENNAI/6 TH AND 7 TH OCT' 2018	HONOURY AWARD POSITION AT GOOGLE DEVELOPERS GROUP



Varshini of our Department got the best women in the Mumbai International Grand Master chess tournament and was awarded with a cash award of 75,000









Placement 2018 - 19






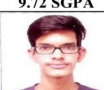
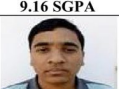





The placement of the academic year 2018 - 19 has been successful with top companies recruiting over 130 students from our department till date. The placement for the academic year 2018 - 19 is still ongoing.

Semester Toppers - Odd Semester 2018








I YEAR 2018 – 2022 BATCH

SECTION	I RANK	II RANK
A	 RA1811003040012 RYAN COLLINS 9.75 SGPA	 RA1811003040146 JAIRAM S J A 9.5 SGPA
B	 RA1811003040061 AMRUTHA V 10 SGPA	 RA1811003040043 VEDIKA R 9.85 SGPA
C	 RA1811003040216 DIVYADARSHINI S 10 SGPA	 RA1811003040227 HARSH SINGH 9.85 SGPA
D	 RA1811003040039 SARAF SAKSHI DILIP  RA1811003040062 G BALAJI VISHNU RAJ  RA1811003040122 R HARSITA  RA1811003040243 PRANAY AGARWAL 10 SGPA	 RA1811003040180 K ARAVIND 9.85 SGPA  RA1811003040011 NISHAN DUTTA 9.75 SGPA
E	 RA1811003040032 KARTHIK PRAKASH 10 SGPA	 RA1811003040011 NISHAN DUTTA 9.75 SGPA

III YEAR 2016 – 2020 BATCH

SECTION	I RANK	II RANK
A	 RA1611003040134 KAVYA M ADIGA 9.76 SGPA	 RA1611003040098 S SHREE VIKNESH 9.72 SGPA
B	 RA1611003040014 KU VIJAY 9.16 SGPA	 RA1611003040092 N MAHESH 9.12 SGPA
C	 RA1611003040130 HARI R 9.4 SGPA	 RA1611003040213 APARNA KANNAN 9.04 SGPA
D	 RA1611003040167 S SAINATH 9.88 SGPA	 RA1611003040129 V V NITHYAA SHRI 9.32 SGPA
E	 RA1611003040088 S ANANYA 9.36 SGPA	 RA1611003040119 VIDHI M AGARWAL 9.12 SGPA

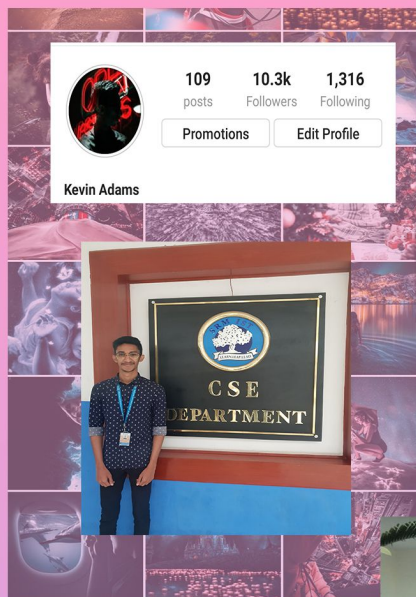
II YEAR 2017 – 2021 BATCH

SECTION	I RANK	II RANK
A	 RA1711003040100 E AVINASH KUMAR 9.3 SGPA	 RA1711003040059 AMRUTHA K 9.2 SGPA
B	 RA1711003040014 S SURYA KIRAN 9.8 SGPA	 RA1711003040094 C ABHISHEK 9.68 SGPA
C	 RA1711003040001 RAMYA RAMAKRISHNAN 9.72 SGPA	 RA1711003040153 SWETHA A 9.6 SGPA  RA1711003040165 R SOWMYA 9.6 SGPA

IV YEAR 2015 – 2019 BATCH

SECTION	I RANK	II RANK
A	 RA1511003040221 HAREESH SEETHARAMAN [9.38 SGPA]	 RA1511003040113 SIDHARTH S [8.88 SGPA]
B	 RA1511003040079 K L SHREYA NARASIMHAN [9.16 SGPA]	 RA1511003040072 V K SATHYA PRIYA [9.05 SGPA]
C	 RA1511003040170 KORGAONKAR KASTUREE NITIN [9.05 SGPA]	 RA1511003040041 R. NISHA MARIYAL [8.77 SGPA]
D	 RA1511003040002 AMAN KUMAR [9.67 SGPA]	 RA1511003040243 K S ANAND [9.66 SGPA]
E	 RA1511003040322 VAMSHI KRISHNA REDDY J [8.97 SGPA]	 RA1511003040022 ABHINAV UPADHYAY [8.97 SGPA]
F	 RA1511003040286	 RA1511003040096
	S SURYAA CHARAN [9.0 SGPA]	KAUSHIK KAMAL DAS [8.8 SGPA]

Our Pride



Kevin Adams
First Year
Best in Photoshop editing with
10K followers till date
in Instagram
@ikevinadams (Insta ID)



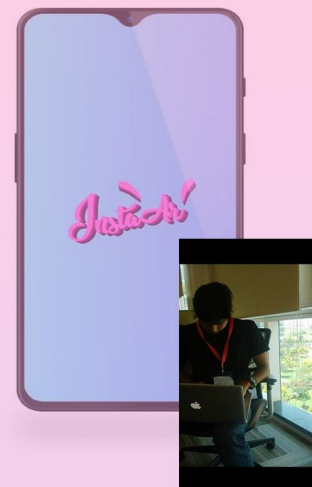
Jefferson
First Year
Completed a research/project
in MIT, Anna University
on “Real Time Face Expression
Classification” under the
supervision of
Dr. Neelavathy Pari



Manisha
First Year
Won Third Place in
the event “Alankar”
in Saarang conducted
by IIT, Madras

Augmented Reality.

Gifs, Images, Text, 3D sketches,
all forms of media can be embedded in 3D surfaces



Abilashh
First Year
Created an Augmented Reality
application for Instagram Stories
named as InstaAR
InstaAR (Playstore)

