

NETCOMM BULLETIN

NETCOMM BULLETIN | QUARTERLY EDITION | ISSUE 7 | NWC | SCO

NEWSLETTER

**DEPARTMENT OF
NETWORKING AND COMMUNICATIONS**

**SCHOOL OF COMPUTING
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
KATTANKULATHUR**



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
Deemed to be University u/s 3 of UGC Act, 1956



**School of
Computing**



NWC

Department of Networking and Communications

Message from the Editor



**The measure of
intelligence is the
ability to change.**
- Albert Einstein

Dear Claimants!

The successful upon, where we are sitting is made up of lot of permutations and combinations of our deeds. Cool, we have arrived the 7th edition of Netcomm Bulletin from the Networking and Communications Department, School of Computing, SRMIST. Do enjoy, reading our content packed issue, and whether tangible or intangible, let us all pledge to acknowledge the goodness of this time in our lives.

I am much pleased to witness the activities of NWC Department, it's achievements, laurels, publications, patents, events, sports activities, women's day celebrations, Mou signings, Workshops, conferences, Expert Talks, Alumni connects, Project Expos, Societal Events, Unnat Bharat Abhiyan, Fun events, Cultural events, placement activities... and so on. The achievements of the department hasn't happen overnight, it's happening and going to happen over decades. But, if the department or the contemporaries give up on this struggle, the next generation of Engineering students will definitely not be able to see the change becomes. Keeping this as the motto, the Head and her team dedicated their walking spots to be lighter with brightness due to their inevitable efforts.

In today's world of hyper networking, hyper information and hyper communication, our attention span has been highly reduced and all become tech zombies due to smart phones and social media and behave as social animals. Our attention span has shortened even lesser than that of a goldfish. It is said that the average attention span is down from 12 seconds in the year 2000 to eight seconds now, which is less than the nine second attention span of an average goldfish. So it is known that even if excruciating pain we have, we can have the unique ability to choose how we respond to any set of circumstances as we won covid too. Thanks to the tireless effort put-forth by the editorial team consistently.

Enjoy Reading and keep your comments coming.....

So, when life gives you lemons, don't just settle for lemonade; but make sure you throw in some mojitos too!!! Life is beautiful, if you want to make it! Gratitude is the essence of life!!

Deep in their roots, all flowers keep the light - Theodore Rathore


Dr.B.Amutha
Editorial Head



SCO NEWSLETTER HEAD

Dr. B. Amutha

Professor / School of Computing

FACULTY TEAM



Dr.V.M.Gayathri



Dr.P.Supraja



Dr.A.Helen Victoria



Dr.C.Fancy



Mrs.D.Sai Santhiya



Mr.N.Murugan

About the Department

Department of Information Technology, SRM University, Kattankulathur, was started in the year 1998. The primary purpose of the department is to foster the students specializing in various areas of information technology. In 2021, Department of Information Technology re-structured into Department of Networking and Communications under School of Computing intend to meet the expectations of the aspiring students and add more value to the degrees offered. The department inculcates entrepreneurial skills in budding aspirants to pitch their innovative ideas through SRM Innovation and Incubation Center. Our International and Alumni connect helps in bridging the gap between the trio: Academics - Industry - Research.

Vision

To Nurture as globally recognizable department in imparting the students high quality education and providing high confidence, unique knowledge and research experience in the field of networking, cyber security, forensics, information technology, cognitive computing and internet of things.

Mission

- ❖ To provide world-class IT professionals with appropriate industry and research-based curriculum.
- ❖ To train the students, that leads to entrepreneurship and develop societal need-based industries.
- ❖ To nourish the students as socially responsible professionals by providing them training in personality development, ethics, and leadership program"

Message from HOD Desk

"If you have the spirit of positive outlook on anything and everything, you will enjoy each and every moment of life, whether it is Pressure or Pleasure . . . !"

Happiness begins within oneself that enriches our spirit and makes every instance worthwhile - be it the good times or bad times.

Everyone has their own path and knowing what you need and working towards it bring peace needed for harmony rather than competing with others for things we may not actually need.

As master Oogway preached, "yesterday was history, tomorrow is a mystery but today is a gift, that is why it is called the present". Enjoy each and every moment of life, and take one day at a time. Today is the only truth.

Work as a team, be honest and enjoy the work, life will be full of colors.



Dr.ANNAPURANI PANAIYAPPAN.K,

Professor & Head

Department of Networking and Communications,
School of Computing

SPECIALIZATION HIGHLIGHTS

CYBERSECURITY

- ❖ DSCI (Data Security Council of India) Award Winner in 2022 for Excellence in Cyber Security Education.
- ❖ Special Labs with K7 Computing for Malware Analysis and CDAC Thiruvananthapuram for Cyber Forensics.
- ❖ Special elective courses in support of Redhat Linux and Checkpoint.
- ❖ Students' chapters in ISACA (Information Systems Audit and Control Association) and OWASP (Open Web Application Security Project).
- ❖ In Collaboration with EC Council providing CEH (Certified Ethical Hacker) training and certification courses.
- ❖ Students are in the progress of Developing SOC (Security Operation Centre) to support the small business in Cyber Security.

INFORMATION TECHNOLOGY

- ❖ MOU signed by Frugal Lab Bangalore, for monitoring crop growth with respect to soil moisture, temperature, humidity, rainfall, and crop growth installed in SRM centre for Agriculture Sciences.
- ❖ New course is introduced as per industry standard (Essential in Cloud DevOps) to upskill the student.
- ❖ MOU signed with service now to upskill the faculties and students with the latest technologies in ITSM (IT Service Management).
- ❖ MOU signed with Wise Work Company for a unique Intensive MetaVerse with full-stack development and advanced data science.
- ❖ Inviting companies for the placement along with a career centre to place students in Marquee, super dream, and dream companies.
- ❖ MOU signed with EPAM to train our faculties and vice versa, Students in the field of front - end development, Selenium, Full stack development, JAVA, and Python.

COMPUTER NETWORKS

- ❖ CISCO Networking Academy are training students for certification in Networking specialization courses like CCNA since 2006.
- ❖ Networking and Communications lab in collaboration with CISCO.
- ❖ Netsim lab facility established to explore and experience modern technologies in networking.
- ❖ Initiative to establish Center of Excellence - Art of lab to be set in collaboration with CISCO.
- ❖ Supporting student placements in core companies through internship opportunities.

SPECIALIZATION HIGHLIGHTS

INTERNET OF THINGS

- ❖ Through Internships Opportunities Cell (IoC) a team of 5 students and 6 faculties member have successfully bagged Research opportunity at the New Castle University through the virtual SAP Programme.
- ❖ We feel glad to specify our new arrival AIoT SERBOT with LIDAR: AI and IoT Convergence training equipment based on the Indoor Service Robot Platform in our IoC IoT Laboratory.
- ❖ IoT Alliance Club nurtured by the SRM IoT CoE, Coordinated currently by Dr.Kayalvizhi Jayavel and Ms. M.Safa received Rs. 2,00,000.00/- Funding From AICTE SPICES Scheme.
- ❖ We conducted the 6 days FDP on “Emerging trends in IoT” sponsored by Ministry of Electronics and Information Technology (MIETY) in collaboration with NIT Warangal.
- ❖ Based on MoU, 10 Research collaboration Projects have been signed with Professors from LaTrobe Australia Prof Pham, Prof Doan and Prof.Jabeb initiated by IoT Centre of Excellence.
- ❖ Launched IoTAlliance - Electrical Division, now taken care of by EEE Department supported by IoTAlliance SCO division.
- ❖ Pranav Prashob from IoT Specialization of 2023 passing out batch had bagged an offer from CommVault (SDE Role) of 31 Lakhs per Annum.
- ❖ Our IoT Student Renu Jadhav got an international internship opportunity at Harvard Medical School, Boston through our University Collaboration for the project Bioprinting technologies for tissue fabrication and to develop computer-aided design.
- ❖ IET (The Institution of Engineering Technology): The IET Scholarship Award 2022 as first Runner Up in recognition of Outstanding achievement in engineering and technology bagged by our 3rd year IoT Student for higher studies.

CLOUD COMPUTING

- ❖ Industry connect courses with AWS solution architect (UG) and Advanced AWS services (PG) jointly with Virtusa.
- ❖ Industry collaboration - Virtusa-powered MTech Cloud computing for internships and training courses.
- ❖ All cloud computing students are trained with the AWS academy cloud foundation course.
- ❖ Our Student team CIRRUS has won third prize in SDG Internal Hackathon with a cash prize of Rs.20000.
- ❖ Award name: Harvard Project for Asian and International Relations - Impact Challenge Level: International Rank: 1.
- ❖ Won First prize World of augmented and Virtual Reality WAVE EXPO 2022 Held by ACM-W Chennai Chapter.
- ❖ 3rd Prize AI + Data in Healthcare category of AIHacks4Good 2022.
- ❖ SRM Institute of Science and Technology as Team Pen Pals has participated in the Prod-A-Vista: A Product Case Competition of Divergence 2.0 - 168 Hours of Horizon organized by the Indian Institute of Management (IIM), Raipur.

PUBLICATIONS

S.NO	YEAR	MONTH	INDEXING	PAPER TITLE	JOURNAL NAME	AUTHORS
1	2023	February	SCI	Advance IoT Intelligent Healthcare System for Lung Disease Classification Using Ensemble Techniques	Computer Systems Science and Engineering	Mr.J.Prabakaran Dr.P.Selvaraj
2	2023	February	SCI	LSTM-Markov based efficient anomaly detection algorithm for IoT environment	Applied Soft Computing	Mr.Shanmuganathan V. Dr.A.Suresh
3	2023	February	SCI	ABOA-CNN: auction-based optimization algorithm with convolutional neural network for pulmonary disease prediction	Neural Computing and Applications	Mr.Balaji Annamalai Dr.S.Prabakaran Ms.Indumathi Varadharajan
4	2023	February	Scopus	An Intelligent Convolutional Neural Network based Potholes Detection using Yolo-V7	1st IEEE International Conference on Automation, Computing and Renewable Systems, ICACRS 2022	Mr.Madarapu Sathvik, Ms.G.Saranya, Ms.S.Karpagaselvi
5	2023	February	Scopus	Comparative Analysis of EasyOCR and TesseractOCR for Automatic License Plate Recognition using Deep Learning Algorithm	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022	Dr.Vedhaviyassh, Mr.R.Sudhan, Ms.G.Saranya, Ms.M.Safa, Mr.D.Arun
6	2023	February	Scopus	Comparison of Machine Learning Algorithms for Pigment Epithelial Detachment Classification using Shape and Curvature Features	2022 International Conference on Automation, Computing and Renewable Systems (ICACRS)	Ms.T.M.Sheeba, Mr.S.Albert Antony Raj, Mr.M.Anand
7	2023	February	Scopus	Solidity Vulnerability Scanner	IEEE explorer	Ms. Gayatri Ramakrishnan Mr.Mirza Rehan Ms.G.Sujatha
8	2023	February	Scopus	Car Number Plate Detection using Deep Learning	2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022.	Mr.Mohit Kumar Kushwaha Ms.G.Suseela
9	2023	January	SCI	Filter-Based Ensemble Feature Selection and Deep Learning Model for Intrusion Detection in Cloud Computing	Electronics (Switzerland)	Ms.C.Kavitha Dr.Saravanan M Ms.Thippa Reddy Gadekallu Dr.Nimala K Mr.Balasubramanian Mr.Prabhu Kavin Mr.Wen-Cheng Lai

PUBLICATIONS

S.NO	YEAR	MONTH	INDEXING	PAPER TITLE	JOURNAL NAME	AUTHORS
10	2023	January	SCI	Real time multi view image based FPC plant management with SS data security and low rate attack detection for efficient smart agriculture in WSN	Journal of Intelligent and Fuzzy Systems	Dr.P.Balamurugan Mr.Ganeshan, Mr.Arulkumaran Jayagopalan, Mr.Santhosh Ms.Preetha, Mr.K.S Selamban, Mr.Ramasamy Elangovan, Mr.Dinesh Balasubramani, Ms.Sumathy
11	2023	January	SCI	Effective Resource Allocation Technique to Improve QoS in 5G Wireless Network	Electronics	Mr.Ramkumar, Mr.Jayaraman Mr.Baskar, Mr.Manickam Mr.Suresh Mr.Annamalai Mr.Manoj Kumar Mr.Ashutosh Mishra Mr.Rakesh Shrestha
12	2023	January	SCI	An efficient key validation mechanism with VANET in real-time cloud monitoring metrics to enhance cloud storage and security	Sustainable Energy Technologies and Assessments - Elsevier	Dr.K.Lakshmi Narayanan, Dr.R.Naresh
13	2023	January	Scopus	Safeguarding Wireless Networks in IoT with Sophisticated Privacy Optimization Approach	IEEE Explorer	Dr.A.Vijay Vasanth Ms.Felicy judith Ms.Charushila axay Patel, Ms.Revathi R Mr.S.Arun Mr.Umrakh
14	2023	January	Scopus	Pothole Detection using CNN and YOLO v7 Algorithm	International Conference on Electronics, Communication and Aerospace Technology (ICECA 2022)	Ms.E.Sai Tarun Kumar Reddy Mr.V.Rajaram
15	2023	January	Scopus	Sensors and machine learning and AI operation-constrained process control method for sensor-aided industrial internet of things and smart factories	Measurement: Sensors ELSEVIER	Dr.S.Muruganandam, Mr.Anas A. Salameh, Mohd Affendi Ahmad Pozin, S.V.Manikanthan, Ms.T.Padmapriya

PUBLICATIONS

S.NO	YEAR	MONTH	INDEXING	PAPER TITLE	JOURNAL NAME	AUTHORS
16	2023	January	Scopus	A deep learning based feed forward artificial neural network to predict the K-barriers for intrusion detection using a wireless sensor network	Measurement: Sensors ELSEVIER	Dr.S.Muruganandam, Rahul Joshi,P. Suresh,N. Balakrishna, Kakarla Hari KishoreS.V. Manikanthan
17	2022	December	SCI	DNA Computing with Water Strider Algorithm Based Vector Quantization for Data Storage System	Computers, Materials & Continua	Dr.Arokiaraj Jovith A, Ms.S.Rama Sree, Mr.Gudikandhula Narasimha Rao, Mr.K. Vijaya Kumar, Mr.Woong Cho, Mr.Gyanendra Prasad Joshi, Mr.Sung Won Kim
18	2022	December	Scopus	An Optimal Routing Protocol Using a Multiverse Optimizer Algorithm for Wireless Mesh Network	International Journal of Communication Networks and Information Security (IJCNIS)	Dr.P.Supraja Mr.Anas A. Salameh Varadaraju H R Mr.M.Anand Mr.Unggul Priyadi
19	2022	December	Scopus	Fire Detection System using Deep Learning Techniques	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022	Dr..S.Srividhya Dr.S.Sindhu Dr.K.Sornalakshmi Dr.D.Hemavathi Mr.V.Rajaram
20	2022	December	Scopus	Machine Learning based Sales Prediction and Characterization using Consumer Perceptions	IEEE Xplore	Dr.J.Sreemathy, Dr.N.Prasath
21	2022	December	Scopus	Real Time Conversion of American Sign Language to text with Emotion using Machine Learning	IEEE Xplore	Mr.Aryan Jamwal, Ms.Vasukidevi G, Dr.TYJ Naga Malleswari, Mr.T.Vijayakumar, Mr.L Chandra Sekhar Reddy, Mr.Amara S A L G Gopala Gupta
22	2022	December	Scopus	Hybrid Recommendation System with Graph based and Collaborative Filtering Recommendation Systems	2022 IEEE 2nd Mysore Sub Section International Conference (MysuruCon)	Mr.Shubham Khanduri Dr.S.Prabakeran
23	2022	December	Scopus	AI Enabled-6G: Artificial Intelligence (AI) for Integration of 6G Wireless Communications	2022 International Journal of Communication Networks and Information Security (IJCNIS)	Ms.Saisanthiya D Ms.Padmmapiya T Ms.Anus salemeh Mr.Muhammad Alkirom wildon Mr.Kishore

PATENTS

S.No.	MONTH	TITLE OF THE PATENT	ISSUING AGENCY	CLAIMING AUTHOR	PUBLISHED / GRANTED
1	January	IoT Weather Signal Monitoring Device	IPR	Dr.A.Suresh	Granted
2	January	IoT Weather Signal Monitoring Device	IPR	Dr.V.Anbarasu	Granted
3	January	Deep Learning Based Flower Plucking Drones For Farmers	Bureau Des Brevets, Canada. Patent Office	Dr.V.Hemamalini	Granted
4	January	Predicting Air Quality And Monitoring Model Using Machine Learning	IPR	Dr.S.Prabakeran	Published
5	February	Drone-Based Autonomous System For Floor-To-Floor Delivery And Method Thereof	IPR	Dr.C.N.S.Vinoth Kumar	Published
6	February	Surgical Jacket	IPR	Dr.L.N.B.Srinivas	Published
7	September	A Method For Reducing Light Reflection In The Photovoltaic Arrangement Using Reflecting Film	IPR	Dr.V.Hemamalini	Published

CONSULTANCY PROJECTS

S.NO	TITLE OF THE COLLABORATIVE ACTIVITY	NAME OF THE COLLABORATING AGENCY	NAME OF THE PARTICIPANT	AMOUNT
1.	ERP System for Horizon flash international	Horizon flash international	Dr.Mary Subaja Christo, Dr.V.Elizabeth Jesi, Dr.S.Thanga Reavathi, Dr.P.Visalatchi	Rs.1,05,500
2.	Website Development for Green Pastures Agro	Green Pastures Agro	Dr.J.Godwin Ponsam	Rs.25,000

FACULTY ACHIEVEMENTS



Name : Dr.S.PRABAKERAN

Event : Participated in Design The Thinking(R)

Date : 30.01.2023

Place : School of Design Thinking - Intellect
Design Arena Ltd.



Name : Dr.V.M.GAYATHRI

Event : Excellence in Innovation award

Date : 24.02.2023

Place : Intellisys Society



Name : Dr.A.HELEN VICTORIA

Event : Award for Excellence in Research

Date : 24.02.2023

Place : Intellisys Society

WELCOME TO OUR FAMILY

Warmest welcome from the Department. You're a great addition to this team and we can't wait to reach new heights together.



Dr.S.Rajasoundaran



Dr.M.Sivakumar



Dr.R.Priyanka



Dr.R.Nithya



Mr.M.Maranco

FACULTY COURSE COMPLETION

S.NO	NAME	NAME OF THE CERTIFICATION COURSE	CONDUCTED BY
EC Council			
1	Dr.K.A.VARUN KUMAR	Network Defence Essentials	EC COUNCIL
K7 Computing			
2	Dr.G.SUSEELA	Malware Analyst	K7
RED HAT			
3	Dr.C.FANCY	Red Hat Certified System Administrator (RHCSA)	RED HAT
CSEDU			
4	Dr.TYJ NAGA MALLESWARI	Effective Teaching of Data Structures	CSEDU
5	Dr.N.KRISHNARAJ	Effective Teaching of Data Structures	CSEDU
6	Dr.M.SHOBANA	Effective Teaching of Data Structures	CSEDU
AICTE			
7	Dr.G.SUSEELA	AICTE Internship	EDU SKILLS
8	Dr.VAISHNAVI MOORTHY	UGC-Approved Short Term Professional Development Programme: "NEP-2020 & HE: Curriculum and Digital Pedagogy	AICTE
ORACLE			
9	Dr.R.RADHIKA	Oracle Cloud Data Management Foundations Certified Associate	ORACLE

PROGRAMMER ACHIEVEMENTS



Name : Mr.G.VINOTHKUMAR
Emp ID : 200466
Event : 3 - Days Training program at
CDAC-Thiruvananthapuram
Date : March 2023



Name : Ms.P.CARLIN JEBAKANI
Emp ID : 201518
Event : Won First Prize in Fast Cycling
Competition on Women's day event.
Date : March 2023



Name : Mr.N.MURUGAN
Emp ID : 200654
Event : Best Bowler of the Match in
Melmaruvathur Amma Trophy
Date : March 2023

PROGRAMMERS' SKILL DEVELOPMENT

S.No	Emp. ID	Name	Designation	FDP, Workshop, Conference etc.,
1	200381	Mr.V.ARUMUGAM	System Administrator	FDP On Full Stack Development
2	200379	Mr.S.RANGANATHAN	Programmer	FDP On Full Stack Development
				FDP On Cyber Security
				Workshop on NLP
3	200383	Mr.G.MUTHUBABU	Programmer	FDP On Full Stack Development
				Nvidia Workshop
				FDP On Cyber Security
4	200605	Ms.P.DEVI	Programmer	FDP On Cyber Security
				Nvidia Workshop
				Workshop on Hardware ,Networking and Troubleshooting
				Awareness on Prevention of Sexual Harassment Against Women at Workplace
5	200719	Mr.M.BALAJI	Programmer	FDP On Cyber Security
				Malware Analysis in K7 Computing
				Workshop on Hardware ,Networking and Troubleshooting
6	200815	Mr.M.GOPINATH	Programmer	Malware Analysis in K7 Computing
				First Aid and Disaster Management Program
				FDP On Cyber Security
7	200829	Mr.M.BUVANESHWARAN	Programmer	Nvidia Workshop
				Pearson VUE Certified Test Administrator
8	200466	Mr.G.VINOTHKUMAR	Programmer	FDP On Full Stack Development
				FDP On Cyber Security
				Workshop on NLP
9	200654	Mr.N.MURUGAN	Programmer	FDP On Full Stack Development
				FDP On Cyber Security
				Workshop on Hardware, Networking and Troubleshooting
10	201353	Mr.D.MOHANRAJ	Programmer	FDP On Cyber Security
				Nvidia Workshop
11	201518	Ms.P.CARLIN JEBAKANI	Programmer	FDP On Full Stack Development
				Developing Applications using NLP
				Workshop on Awareness on Prevention of Sexual Harassments Against Women at Workplace
12	201529	Ms.KAVIPRIYA	Programmer	6-day skill development program
				Workshop on NLP
13	201532	Ms.BHUVANESHWARI	Programmer	First Aid and Disaster Management Program
				6-day skill development program
				Awareness on Prevention of Sexual Harassment Against Women at Workplace
14	201578	Mr.T.DHANESH	Programmer	Workshop on Hardware, Networking and Troubleshooting

PLACEMENTS**97.95%**of Placement
Record
(2022 Batch)**93%**of Placements
(As an Date)
(2023 Batch)**10 Marquee Offers (2023 Batch) with Highest Package of 31.25 Lakhs****03 Marquee Offers (2024 Batch) with Highest Package of 45 Lakhs****IoT Specialization Students (2023 Batch) have bagged 100% Placements****3 Marquee Offers (2024 Batch)**

Name : **ASHUTOSH R SINGH**
 Reg.No : RA2011028010150
 Section : L1
 Company : DE SHAW
 Stipend : Rs.1,50,000 / Month
 Package : 40 - 45 LPA



Name : **PRITHVI SINGH KIRAR**
 Reg.No : RA2011031010023
 Section : O1
 Company : ARM Embedded
 Stipend : Rs.40,000 / Month
 Package : 34.21 LPA



Name : **SHIVMALHAR GAUTAM DIXIT**
 Reg.No : RA2011031010030
 Section : O1
 Company : Scaler
 Stipend : Rs.35,000 / Month
 Package : 22 to 24 LPA

***Hearty Congratulations***

on behalf of Department of Networking and Communications



PLACEMENTS

Notable Internship



Name : **SAYYAD ABID**
 Section : Q2
 Company : MSOFT Texas Consultancy Services
 Duration : 6 Month
 Stipend : Rs.10,000 / Month



Name : **LAKSHYA DHARIWAL**
 Section : O1
 Company : Listnr
 Duration : 5 Month
 Stipend : Rs.25,000 / Month



Name : **LAKSHYA DHARIWAL**
 Section : O1
 Company : Ringover
 Duration : 1 Month
 Stipend : Rs.25,000 / Month



Name : **LAKSHYA DHARIWAL**
 Section : O1
 Company : Insurstaq
 Duration : 3 Month
 Stipend : Rs.25,000 / Month



Name : **ARNAB DEY**
 Section : K1
 Company : VakilSearch
 Duration : 12 Month
 Stipend : Rs.20,000 / Month



Name : **GAURANG GUJRATI**
 Section : L1
 Company : Vivadiant Private Limited
 Duration : 6 Month
 Stipend : Rs.15,000 / Month



Name : **PRANJAY PODDAR**
 Section : J1
 Company : HyperVerge
 Duration : 4 Month
 Stipend : Rs.35,000 / Month



Name : **GYANESH SAMANTA**
 Section : O2
 Company : WALL / Tealfeed
 Duration : 3 Month
 Stipend : Rs.55,000 / Rs.40,000



Name : **ANUBHAV MISHRA**
 Section : P1
 Company : Broadridge
 Duration : 6 Month
 Stipend : Rs.30,000 / Month



Name : **PALAK AGGARWAL**
 Section : Q1
 Company : Dalmia Bharat Cement
 Duration : 4 Month
 Stipend : Rs.20,000 / Month

SIIEC FUNDING PROJECT

Project Title	:	Netra-smart cane for blind and deaf
Area	:	IoT
Level	:	Prototype
Team strength	:	3
Team details	:	UMANSH AGARWAL - RA2011032010024, III year B.Tech CSE(IoT) RISHIKA GUPTA - RA2011032010063, III year B.Tech CSE(IoT) RAINA KARN - RA2011004010185, III year B.Tech CSE
Mentor details	:	Dr.Mary Subaja Christo and Ms.D.Saisanthiya
Funded amount	:	Rs.60,000

Brief vision : According to a statistics from the World Health Organization (WHO), about 285 million people are visually impaired worldwide: 39 million are blind and 246 million have low vision. This is the motivation towards the Prevention of Blindness and Deafness Programme. Further, more than 1.5 billion people (nearly 20% of the global population) live with hearing loss. 430 million of them have disabling hearing loss. In such a state, living a normal human life becomes difficult. Hence, people with such impairments are provided with white colored canes to help them walk by navigating and avoiding obstacles on their path. But such a product does not ease their problems enough. Thus, we have come up with the solution- Netra: An IoT based smart cane.

Netra aids people in avoiding moving as well as stationary obstacles and helps them navigate to their destination with Google Maps integrated in it. "Impaired just means you have to do things differently and nothing more than that."



Hearty Congratulations



STUDENT ACHIEVEMENTS

PG INTERNSHIP



Name : **Mr.SOLOMON RAJA J**
 Reg.No : RA2112023010006
 Course : M.Tech- ISCF (IV Sem)
 Placed : TATA Motors
 Stipend : Rs.25,000 / Month
 Package : 10.5 LPA



Name : **Ms.P.H.AMBIKA**
 Reg.No : RA2212023010002
 Course : M.Tech- ISCF (II Sem)
 Placed : Infineon
 Stipend : Rs.40,000 / Month
 Package : 17 LPA



Name : **Mr.S.R.ELAVARASAN**
 Reg.No : RA2212023010005
 Course : M.Tech- ISCF (II Sem)
 Placed : TATA Motors
 Stipend : Rs.25,000 / Month

20 students and two faculty members have appeared for the RHCSA final certification exam on 27.01.2023 at AdvantagePro Testing Center. Out of 20 students 15 students and 1 faculty member have successfully cleared their exam and got their certifications.

List of certified students

S.NO	YEAR	REGISTER NUMBER	NAME OF THE STUDENT	SPECILAIZATION
1	III	RA2011030010018	Aditya Vikram Singh	CSE specialization Cyber security
2	III	RA2011030010049	Devshree Moghe	CSE specialization Cyber security
3	III	RA2011030010055	Likitha Sai Donta	CSE specialization Cyber security
4	III	RA2011003010805	Mantrikola Saketh Srinivasa Siddheswara	CSE Core
5	III	RA2011030010004	Medhavi Mehta	CSE specialization Cyber security
6	III	RA2011030010028	Pranav Prakash Menon	CSE specialization Cyber security
7	III	RA2011030010042	Sudhanshu Srivastava	CSE specialization Cyber security
8	III	RA2011030010003	Sri Krishna Siddhardha Varma K	CSE specialization Cyber security
9	II	RA2111030010264	Achyut Yadav	CSE specialization Cyber security
10	II	RA2111030010075	Guru Charan Varanasi	CSE specialization Cyber security
11	II	RA2111033010063	Khushi Padia	CSE with specialization in software engineering
12	II	RA2111030010080	Konda Srinivasa Nikhil	CSE specialization Cyber security
13	II	RA2111030010041	Lalith Williams Kondepudi	CSE specialization Cyber security
14	II	RA2111030010192	Md Nizamuddin	CSE specialization Cyber security
15	II	RA2111030010220	Pranshu Mathur	CSE specialization Cyber security

STUDENT ACHIEVEMENTS

Winning the Nasscom Academic Grand Challenge 2022 Sponsored by Wells Fargo

A team of ambitious students from SRM Institute of Science and Technology has recently achieved a major victory in the Nasscom Academic Grand Challenge 2022 sponsored by Wells Fargo. The competition, which focused on the problem statement of Neobank, saw participation from some of the brightest minds in the field.

The team, consisting of Vedant Singh, Viraj Agarwal, Chetas Shree Madhusudhan, Kartikey Mahawar and Rajendra Sarpal, worked tirelessly to come up with a winning solution to the complex problem statement. Their hard work and dedication paid off as they were declared the winners of the competition, beating out fierce competition from other teams.

TEAM MEMBERS:

Vedant Singh, RA2011051010061, DSBS

Chetas Shree Madhusudhan, RA2011003011120, CTECH

Kartikey Mahawar, RA2011032010041, NWC

Viraj Agarwal, RA2011003010262, CTECH

Rajendra Sarpal, RA1911033010007, CINTEL



STUDENT ACHIEVEMENTS

ACHIEVEMENTS - EVENTS



Reg.No : **RA2011030010109**
 Name of the Event : Matco quiz
 Description : This event was conducted on 27th feb 2023 , in main auditorium through a kahoot app where various students of different department were competing with each other , it was a great exposure to the quiz round and a technical knowledge about the company's statistics and its functionality. During quiz ,they asked about the general knowledge.
 Date : 27-02-2023 to 27-02-2023
 No.of Days : 1



Reg.No : **RA2011030010057**
 Name of the Event : E Contest By Shaastra and IIT Madras
 Description : The contestants in this coding competition, which is being held by Shaastra and IIT-Madras, must complete a set of "basic" issues in the designated language within 120 minutes. This will demonstrate their deductive reasoning abilities and capacity to work with any language. Whether someone has participated in too many or too few programming competitions, it doesn't matter because in this competition, writing code takes longer than coming up with a solution.
 Date : 02-02-2023 to 02-02-2023
 No.of Days : 1



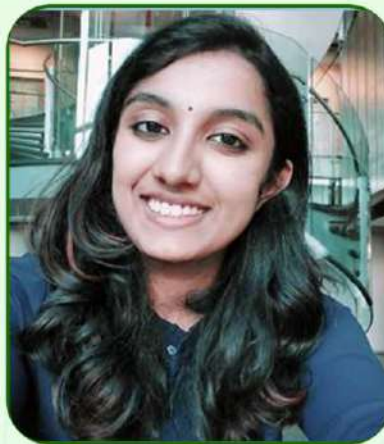
Reg.No : **RA2111031010057**
 Name of the Event : SRM Smart Campus Hackathon 2023 - Phase 2
 Description : Participated and won Rs.2000 Cash prize.
 Date : 09-03-2023 to 10-03-2023
 No.of Days : 2



Reg.No : **RA2111031010004**
 Name of the Event : SRM Smart Campus Hackathon 2023 - Phase 2
 Description : Participated and won Rs.2000 Cash prize.
 Date : 09-03-2023 to 10-03-2023
 No.of Days : 2



Reg.No : **RA2111031010023**
 Name of the Event : SRM Smart Campus Hackathon 2023 - Phase 2
 Description : Participated and won Rs.2000 Cash prize.
 Date : 09-03-2023 to 10-03-2023
 No.of Days : 2

MITACS INTERNSHIP**SNEHA SUNIL****RA1911030010038****CSE - Cyber Security, Placed in Microsoft**

Hi, I am Sneha Sunil, a final year undergraduate student majoring in Computer Science and Engineering specializing in Cyber Security at SRM Institute of Science and Technology, Chennai, India. It was an excellent opportunity to receive a research internship at Concordia University, Montreal, Québec, Canada, as part of the Mitacs Program for the summer of 2022. Mitacs Globalink Research Internship is a competitive initiative for international undergraduates where, every year, top-ranked applicants participate in a 12-week research internship under the supervision of faculty members of various Canadian universities specializing in a variety of academic disciplines.

My project title was "Software system issue localization with AIOps," and it mainly focused on using AIOps to leverage field-operation data to automatically locate the root causes of system issues, build system models that capture the relationship among the system's runtime activities, and analyze the difference between the models from the previous release. It was a privilege to work closely with Dr. Weiyi Shang and his two Ph.D. students in the SENSE LAB. I also got to interact with the other researchers in the lab who have expertise in the other areas of Software Engineering.

Gaining a research experience in Canada was a significant career milestone and provided incomparable academic and cultural exposure. I got to collaborate with a diverse team and provide my input on every step of the research. This helped me broaden my skillset and motivated me to keep learning and finding solutions to problems.

My best wishes to all the upcoming Mitacs Interns of 2023. Let us make some wonderful memories!

GLOBAL ACADEMIC INTERNSHIP**MANI SHANKAR CHOWDHURY****RA1911030010053****CSE - Cyber Security, O1 Section**

The Global Academic Internship Program (GAIP) was a once in a lifetime opportunity at the National University of Singapore (NUS). The program provided by Corporate Gurukul gave a unique blend of coursework at NUS along with real world work experience by Hewlett Packard Enterprise (HPE), allowing me to gain a lot of professional skills in the field of data analytics and deep learning which is now helping me to gain a competitive edge in my career.

I came to know about this program in an orientation seminar conducted by my department at SRM IST. I was instantly charmed by the opportunities being advertised in the program and applied without wasting any time. After being shortlisted based on my résumé, I had to clear an interview conducted online because of COVID.

The National University of Singapore (NUS) campus was an outstanding and beautiful place to study, work and explore. The campus had lush greenery, modern architecture and state-of-the-art facilities that make it a world-class academic institution. The campus also offered a vibrant and diverse community of students, faculty, and staff from different backgrounds, nationalities, and cultures. The facilities and resources available on the NUS campus were excellent, including advanced research labs, libraries, sports facilities, dining halls, and accommodation options.

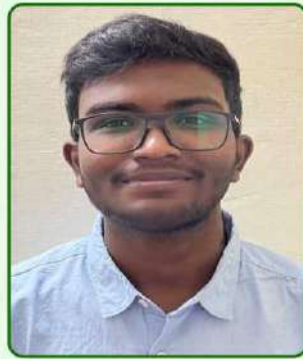
In the duration of our 4 weeks, we were attending classes and completing assessments daily, and after that we used to sit in groups and work on our personal projects which we were working on to pass the course. We had guides from CG whom we called Training Assistants (TAs) who used to sit with us even till midnight when required. The quality of projects being prepared by everyone was so high that I was feeling pressured and nervous that my project would not be up to the mark. However, our project was praised by the NUS professors as well as Mr Shantanu, which made us feel proud of the work we had done.

MALAYSIAN IMMERSION PROGRAM**ROHAN KUMAR SHINDE****RA2011031010122****CSE - Information Technology, O2 Section**

A week-long immersion program to UCSI University in Malaysia was a wonderful opportunity for Indian students to explore a new culture and expand their educational horizons. This program provided a unique opportunity to experience Malaysia's diverse cultural heritage and gain a comprehensive understanding of the country's educational system.

During this immersion program, students had the chance to visit the UCSI University campus and attend lectures from professors and experts in their respective fields. This provided a chance to gain new insights into different academic disciplines, meet new people, and gain practical experience in their chosen fields. Furthermore, students had the opportunity to attend tech talks delivered by renowned IT professionals. These talks provided valuable insights into the latest technological advancements in the IT industry and their practical applications in various fields. The tech talks covered a range of topics, such as cybersecurity, artificial intelligence, machine learning, blockchain, and data analytics. The talks were delivered by experts in their respective fields, providing students with a chance to learn from their experiences and gain new perspectives on current trends and challenges in the IT industry. Attending these tech talks not only enhanced the students' knowledge of the latest technologies but also provided them with an opportunity to network with industry experts. The students had a chance to interact with these professionals, ask questions, and learn about their experiences in the IT industry.

Overall, the city tour was a perfect way to end the immersion program and provided students with a memorable and enriching experience. In conclusion, the week-long immersion program to UCSI University in Malaysia is an excellent opportunity for Indian students to gain a global perspective and broaden their educational and cultural horizons. It provided a unique chance to learn from experienced professors, interact with peers from different cultural backgrounds, and explore Malaysia's rich heritage. This program promises to be a transformative experience that will leave a lasting impression on all participants.

STUDENT ARTICLES

Mr.PRANAV
B.Tech II year CSE (IoT)

Now, one may wonder, what exactly does this refer to?

Problem solving skills mainly revolves around how a person approaches a problem, analyses it and finds different ways to reach a solution considering various aspects while doing so.

To exhibit this skill, a candidate needs to have a good grasp on at least one programming language (can be C++ or Java). Having a good grasp does not mean just knowing the syntax, it means using the functionalities/specialities of the programming language appropriately (using STLs in C++ or Collections in Java).

To achieve this skill, one needs consistency. Solving coding problems every day would be good habit to hone. Well stopping there will not be enough, one needs to have the hunger to learn new topics.

Giving contests in coding sites such as Codeforces or CodeChef or AtCoder will strengthen your skills and give you experience of timed environment like a company's online assessment.

The above approach would help you crack an interview and online test, but to get to that stage, you will need to get your Resume shortlisted. For this, using the skills that you have acquired you should try implementing a few projects which would showcase your skills to the interviewer.

Now at last, one thing to remember while sitting for placements is that getting placed in a company is most of the times a combination of 95% Luck & 5% Hard work.

Well, no one can control the 95%, but one can look after the 5%.

Though 5% may seem like a very small percentage, this 5% will, in the end, be the decider on what you will achieve.

STUDENT ARTICLES

Mr. VINAY PODDAR
III year B.Tech CSE (IoT)

Metaverse:

A recent technical development that is swiftly gaining popularity is the metaverse. It is a virtual world created on top of the internet that offers consumers a seamless experience fusing virtual and actual reality. The Metaverse is a network of interconnected virtual worlds that may be accessed from a range of devices rather than just one single virtual world. Companies like Meta (Facebook) are investing substantially in an immersive experience where users with wearable technology forego reality in favour of a wholly virtual environment and communicate via avatars. This is where Metaverse gets its inspiration from.

According to a recent report, there will be a 350% increase in the market for VR in healthcare by 2027, reaching \$9.7 billion. Now, the metaverse is primarily a business. A fascinating new technical development called the metaverse has the power to completely alter how we interact with the online world. It offers a promising solution for a variety of applications due to its immersive and interactive features as well as its decentralised design. The Metaverse is an intriguing trend to follow, even though there are still issues that need to be solved.

Despite being burdened by a lot of work which we had to do in very little time, we did have plenty of time to roam and explore the beautiful city of Singapore. Singapore is a remarkable country that boasts a dynamic and thriving economy, a rich cultural heritage, and a safe and clean environment.

In summary, I would like to mention that the learning outcomes of the course were something that I will never forget in my life, and even though technology is expanding in a breath-taking pace, what I learned as a part of this course would be something that I would use and implemented for a long time to come. I would 100% recommend anyone who is interested in the field of AI and ML to take this course and attend it diligently, because the experiences and knowledge it provides is very difficult to find anywhere else in the world.

ALUMNI MESSAGE**KRISHNASAI NARAYANAN**

As a proud alumnus of SRM Institute of Science and Technology, Kattankulathur campus, it is my pleasure to share my college experience with you. Pursuing a B.Tech degree in Information Technology was an enriching experience to me, and I am thankful for the countless opportunities provided by the university, and the immense support from my faculty in the department of Information Technology.

SRM's vibrant campus life kept me engaged throughout my college days. From participating in technical events and national cultural fests, I developed a wide range of skills and learned to manage my time effectively. The faculty members were highly qualified and experienced, and they helped me to develop a strong foundation in the field of IT. They always encouraged us to explore and innovate, which helped me grow as a professional. I am extremely thankful to Kottilingam sir, Gayathri mam, and Fancy mam for their continued support right from guiding me in courses, till providing recommendations for my master's education. One of the most significant advantages of being a student at SRM is the numerous placement opportunities provided by the college.

I remember how anxious I was during my final year, but the college's placement cell provided us with extensive training through the CCC program and support to help us prepare for the interviews. They conducted mock interviews, group discussions, and resume-building sessions, which helped me gain the confidence to face the interviews.

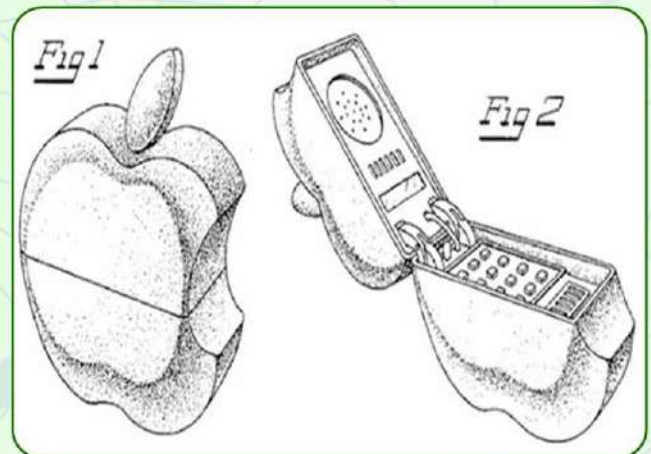
I am proud to say that I secured multiple job offers with the top IT companies during the campus placement drive and chose a dream placement offer at a data science startup based in Chennai, where I am currently working as a Senior Data Analyst. I attribute this success to the excellent education and training provided by SRM, and I am grateful for the opportunity to be a part of this esteemed institution. To conclude, SRM IST has been an essential part of my personal and professional growth, and I am grateful for the experiences and opportunities provided by the college.

ACTIVITY CORNER**DID YOU KNOW!!!****Google's First Tweet was in binary**

Google's first tweet was in 2009, and it was gibberish to most. Translated from binary to English, it reads, "I'm feeling lucky".

Apple were originally designing an apple shaped flip phone

Before the original design for an iPhone, Apple patented a phone design in the shape of an actual apple. It was a flip phone that, when closed, would look like the Apple logo.

**Every iPhone advertisement has the time set to 9:41.**

Every advertisement for an Apple iPhone, the time will be set as 9:41. This is the time that Steve Jobs announced the very first iPhone in 2007.

ACTIVITY CORNER**DID YOU KNOW!!!****The QWERTY keyboard was designed to slow you down.**

When typewriters were introduced, typing too quickly would jam the keys. To prevent this from happening, QWERTY was introduced which placed common alphabets at a distance from each other and slowed typists down.

Fun Fact

'Typewriter' is the longest word you can type on a QWERTY keyboard, using only one of the rows on your keyboard.

**The first Apple logo isn't what you would think.**

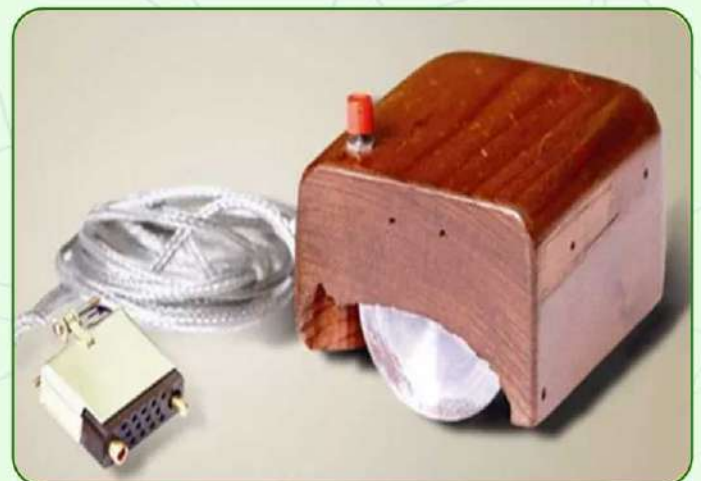
Originally, it featured Sir Isaac Newton sitting beneath a tree, with an apple about to fall on his head.

It was designed back in 1976 and featured a phrase around the border that read "Newton...A mind forever voyaging through strange seas of thought...alone".

The first computer mouse wasn't made from plastic.

Back in 1964, Doug Engelbart invented the first-ever computer mouse! Back then, it was made out of wood. It was rectangular and featured a little button on the top right.

He called it a mouse because the cord coming out of the back reminded him of the tiny rodents.



ACTIVITY CORNER**PUZZLES****Across**

6. The action or state of keeping careful watch

9. A set of equipment used to carry messages or signals

11. Something that prevents you from doing a task. It might also be a defect in speech

12. An irregular projecting tooth

Down

1. To determine, rectify, or mark the graduations (ex. temperature gauge)

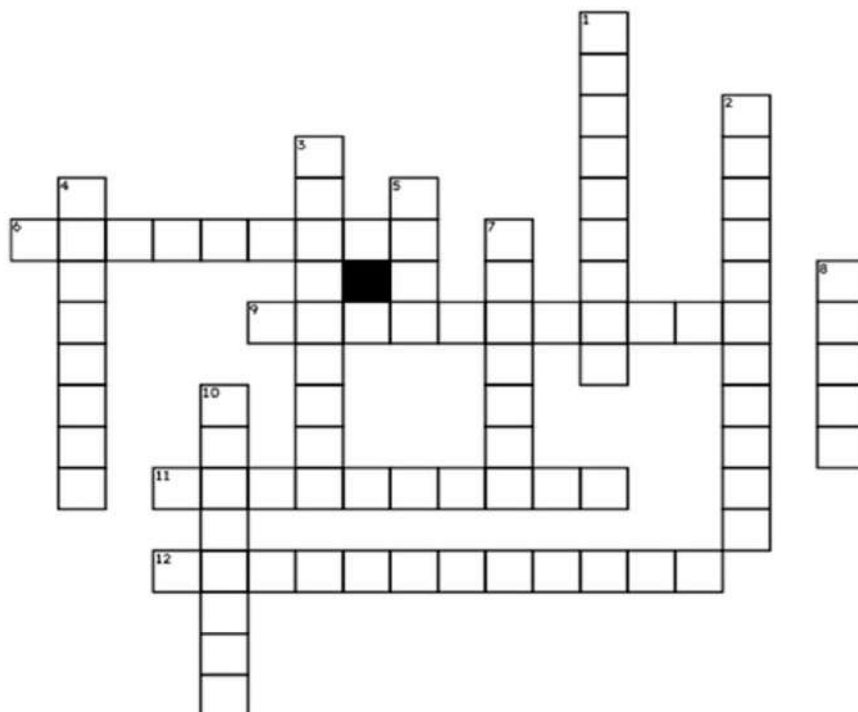
2. To occur at the same rate or time

3. A thing that provides resistance, delay, or obstruction

4. A tool to fasten metal bolts A tool to fasten metal bolts (gun)

5. The end of a hammer opposite of the face -- usually wedge-shaped

7. To run or jump playfully



8. Something outstanding or unique to its kind

10. Full of light.; very bright



Submit Your Solutions in the below form:

<https://tinyurl.com/43p7bz4m>

Winners will be recognized in the next issue

RESEARCH ORATION

S. NO.	SCHOLAR REG.NO	SCHOLAR NAME	SUPERVISOR	TITLE	PRESENTATION COMPLETED DATE
1	RA2113003011003	Mrs.Shanthi P	Dr.Venkatesh K	Creative Thinking	1/7/2023
2	RA2113003011033	Mrs.Jayabharathi P	Dr.Suresh A	Quantum Computing	1/21/2023
3	RA2113003011051	Mrs.Priyadharshini. S P	Dr.Balamurugan P	FANET	1/28/2023
4	RA2113003011056	Mr.Ghadeer Yousef	Dr.Metilda Florence S	Dataset Collection using Mindwave Neurosky with Preprocessing	2/4/2023
5	RA2113003011018	Mrs.Abinaya M	Dr.Prabakeran S	Lightweight Cryptography for IoT	2/11/2023
6	RC2213003011010	Mr.U.Sakthivelu	Dr.Vinoth Kumar C N S	Blockchain	2/18/2023
7	RC2213003011023	Ms.R.Abirami	Dr.Malathy C	Digital Watermarking in Healthcare Application	2/25/2023
8	RC2213003011003	Mr.S.Arunprasath	Dr.Suresh A	Mental Models in Human Computer Interaction	3/4/2023
9	RC2213003011004	Mr.Nareshkumar R	Dr.Nimala.K	AI Assist: Leveraging Artificial Intelligence Tools in Research Process	3/11/2023
10	RC2213003011020	Mr.Hussain. A	Dr.Balaji Srikanth P	Remote Infrastructure Management	3/18/2023

EVENTS

PLACEMENT TALKS

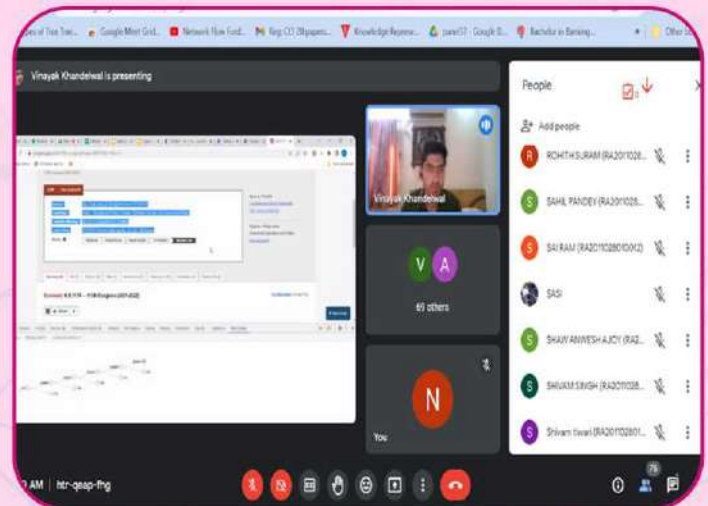
Tech talk on data scraping and crypto currency on 01.02.2023

Convener and coordinator:

Dr.S.Ushasukhanya, Dr.TYJ Naga Malleswari

Resource Person:

Mr.Vinayak Khandelwal



Placement Talk Series on 02.02.2023

Convener and Coordinator:

Dr.V.R.Balasaraswathi,

Dr.Thenmalar

Resource Person:

Mr.Anish Vijay Nair

Software Engineer, Zuora India Private Limited, Chennai, India

Expectations of Companies in Freshers on 23.02.2023

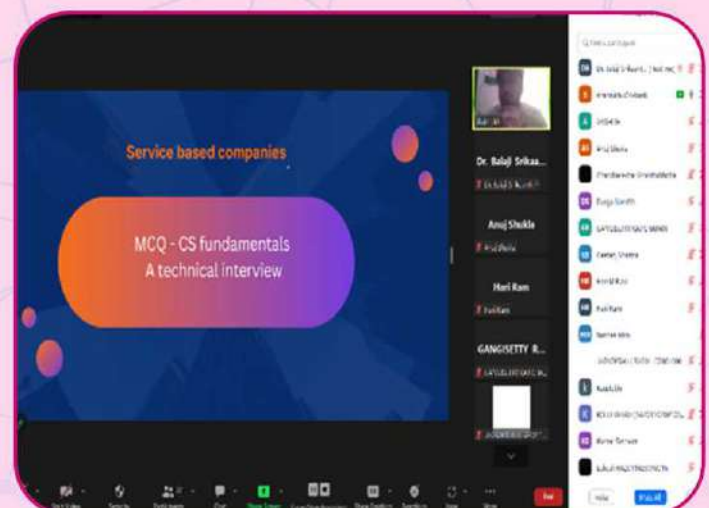
Coordinator:

Dr.Balaji Srikanth

Resource Person:

Mr.Shahrukh Anwar

Associate Software Engineer,
Kore.ai



EVENTS

PLACEMENT TALKS

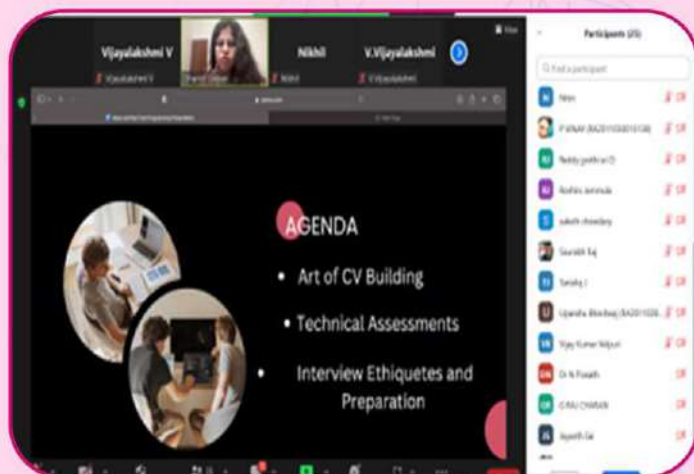
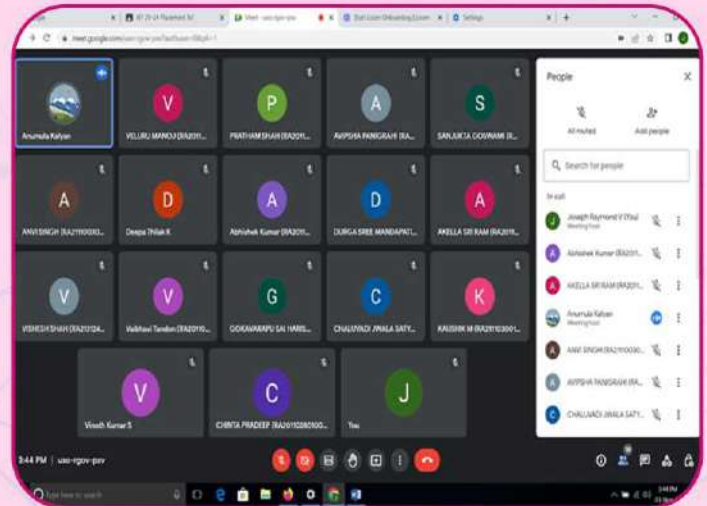
Preparation Plan for cracking multiple offers from scratch on 09.03.2023

Convener and coordinator:

Mrs.Parimala,
Dr.Balaji Srikanth

Resource Person:

Mr.Bodhisatta Das
Site Reliability Engineer, Driffler Inc.



Preparation Plan for cracking multiple offers from scratch on 16.03.2023

Coordinators:

Mrs.Vijayalakshmi, Dr.Deepa thilak

Resource Person:

Mr.Dharani Grover
Graduate Analyst(BA3) Software Development
Engineer, Barclays



EVENTS

ALUMINI TALK

Careers and Opportunity in Networking on 10.01.2023

Conveners and Co-Conveners:

Dr.K.Venkatesh, Dr.K.Nimala,
Dr.J.Godwin Ponsam

Speaker:

Mr.Avinash R.Maharaj
Software Engineer Customer,
Arista Networks-USA



Engineering and beyond on 25.01.2023

Conveners and Co-Conveners:

Dr.K.Venkatesh, Dr.K.Nimala,
Dr.J.Godwin Ponsam

Speaker:

Mr.Soham Dixit
Senior Technical Lead,
Bajaj Finserv Health

Tech Talk on RDK Security on 14.02.2023

Conveners and Co-Conveners:

Dr.A.Rathinam, Dr.K.Venkatesh, Dr.K.Nimala,
Dr.J.Godwin Ponsam

Speaker:

Mr.Ullash Raj
Senior Security Engineer,
Tata Elxsi, Chennai.



EVENTS

OTHER EVENTS



Campus Exchange Program - 2023 on 11.01.2023 to 17.01.2023

Convener and Coordinators:

Dr.Annapoorani Pannaiyappan,
Dr.M.Saravanan

Speaker :

Dr.A.Helen Victoria, Dr.M.Saravanan,
Mr.V.Joseph Raymond, Dr.C.Rajesh Babu,
Ms.Anne Grace

Certified Ethical Hacking (CEHv12) Certification on 23.01.2023 to 30.01.2023

Convener and Coordinators:

Dr.Annapurani Panaiyappan.K,
Dr.V.Hemamalini

Speaker:

Mr.Nagendran Kavirala
Senior Instructor, Zybeak Technologies Pvt Ltd



Two Days Workshop on Wireless Networks: 5G and Beyond on 01.02.2023 and 02.02.2023

Conveners and Co-Ordinator:

Dr.M.Saravanan, Dr.P.Balamurugan

Conveners and Co-Ordinator:

Dr.Selvi Ravindran, Assistant Professor.
Mr.D.Arun, CEO / Director, Karyoun Innovations Pvt Ltd, Chennai.
Dr. P. Vijayakumar, Professor / ECE.



EVENTS**OTHER EVENTS****One Day Training on e-content Development for teaching and Learning platforms on 16.02.2023****Convener and Coordinator:**

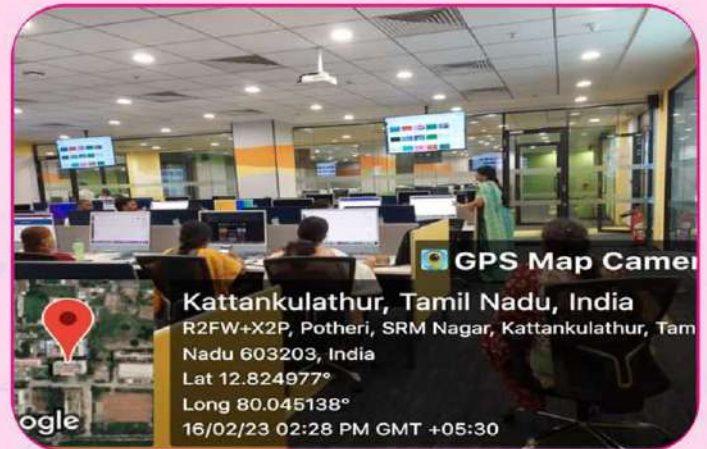
Dr.Revathi Venkataraman, Chairperson / SOC
 Dr.Annapurani Panaiyappan.K, HOD / NWC
 Dr.P.Balamurugan, Associate Professor / NWC

Speaker:

Dr.P.Malliga, Professor and Head, Department of Educational Media and Technology, NITTTR, Chennai.

**C-DAC Toolkit Training Programme for faculties from 08.03.2023 to 10.03.2023**

Faculties from our Department have attended a hands-on-training on Forensics tools at Centre for Development of Advanced Training (CDA-C), Vellampalayam, Tirvandrum. Faculties were trained on various tools like SimTracker, Winlifter which are used for the purpose of Forensics Investigation.

**Controller Area Network: Security threat analysis - Taxonomy of attack vectors and solutions on 24.02.2023****Convener and Coordinator:**

Dr.Annapurani Panaiyappan.K, HOD / NWC
 Dr.Varun Kumar, Assistant Professor / NWC

Speaker:

Mr.P. Thirumeni, Senior Technical Officer, National Aerospace Lab, Bengaluru

**SAP Awareness Session held on 15.03.2023 and 28.03.2023****Coordinators:**

Dr.A.Helen Victoria, Assistant Professor / NWC
 Dr.G.Saranya, Assistant Professor / NWC

EVENTS

HOLY - CELEBRATION

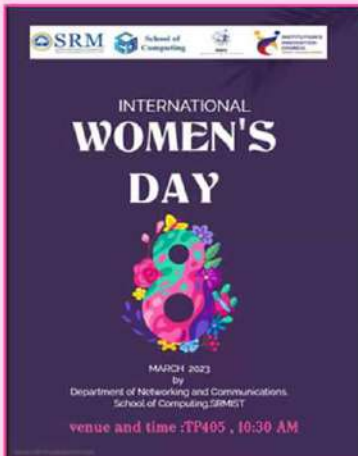


PONGAL FESTIVAL



EVENTS

WOMEN'S DAY CELEBRATIONS



RESEARCH DAY CELEBRATION



MILAN ^{XXXIII}



திருக்குறள் | THIRUKKURAL

**“இடும்பைக்கு இடும்பை படுப்பர் இடும்பைக்கு
இடும்பை படாஅ தவர்.”**

**“Who grieves confront with meek, ungrieving heart,
From them griefs, put to grief, depart.”**

குறள் : 623

பொருள் :

**துன்பம் வந்த போது அதற்க்காக வருந்திக் கலங்காதவர்
அந்தத் துன்பத்திற்கே துன்பம் உண்டாக்கி அதை
வென்று விடுவார்.**

Explanation :

**They give sorrow to sorrow, who in sorrow do not suffer
sorrow.**