NETCOMM BULLETIN

Quarterly Edition - Issue 5 - October 2022

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

Dear Readers,

Greetings to All.

"There is only one thing that makes a dream impossible to achieve: The Fear of Failure."

With the hidden secret of eternal bliss, we move on to the next intellectual edition of NetComm Bulletin. It gives me immense pleasure to note that response to this newsletter of our department NetComm has been overwhelming. The wide spectrum of achievements in different sections gives me a sense of pride that our students and professors possess creative potential and original thinking in ample measures. Each of their triumphs e is entertaining, interesting and absorbing. Writing involves critical thinking-a purposeful and reflective analysis used to reach conclusions. Critical thinking challenges students to scrutinize arguments and positions they may have taken for granted, getting them to develop their points more thoroughly. We hope the faculty and student fraternity will give due importance to the newsletter by contributing their ideas creatively. Such activities can deepen our knowledge and develop our innovative thinking.

We applaud the contributors for their stimulated thoughts and varied hues contributed by them. Commendable job has also been done by the Editorial Board of NWC, the HoD in planning for and producing the Newsletter. My congratulations to the team who took the responsibility for the arduous task most effectively. I am hopeful that this small piece of technical work shall not only develop the taste for reading among students but also develop a sense belonging to the institution as well.

Within the shady locations, Perforate against the crumbling wall which is indiscernible!

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

Mr.N.Murugan

Contents

About the Department

Department of Networking and Communications under School of Computing intend to meet the expectations of the aspiring students and to add more value to the degrees offered. The Department ensures to provide quality and value-laden education for students in the traditional and contemporary areas of Cloud Computing, Computer Networks, Cyber Security, Information Technology and Internet of Things. The programs are introduced in partnership with reputed IT companies like Amazon Web services, K7 Security, Virtusa etc. The department consists of a medley of faculty members with industrial and academic experience. The Department's keen focus is towards "networks"domain specific and specialization-based placement drives for its students. The department inculcates entrepreneurial skills in budding aspirants to pitch their innovative ideas through SRM Innovation and Incubation Center. Our International and alumni connect intrigue 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 in such a way that leads to entrepreneurship and develop societal need based industries.

❖ To nourish the students as a socially responsible professionals by providing them training in personality development, ethics and leadership program.

Message from HOD Desk

"Tough times never last and tough people do"

Everyone knows the quote but not all understand the true meaning. Being tough doesn't mean being strong enough to never falter from your path to reach the said destination. It is being strong enough to understand one's own issues and ask for time and help to heal. Stressful situations are present everywhere like a minefield, cross over with patience and when caught on one, be calm and ask for the required support.

Mental health is more of how you drive rather than where you reach. Be strong enough to accept yourself for who you are. It's the start of the refining process.

If you have the Spirit of Understanding everything in a Positive way, You will Enjoy each and every Moment of Life, **whether it's... Pressure or Pleasure...**

Dr.ANNAPURANI PANAIYAPPAN.K,
Professor & Head
Department of Networking and Communications,
School of Computing

Patents

S.No.	Month	Title of the patent	Issuing Agency	Authors	Status
1	August	Digital Stethoscope	IPR	Dr.L.Anand, Dr.V.R.Balasaraswath, Dr.Annapurani Panaiyappan.K	Granted
2	August	GPS Tracker	IPR	Dr.V.R.Balasaraswath, Dr.L.Anand, Dr.Annapurani Panaiyappan.K	Granted
3	August	Smart Walking Stick	IPR	Mr.Manikandan	Granted
4	July	An Encryption Device for Encrypting Data and Timestamp for Data Security and Authentication in IoT Environment	IPR	Dr.Vinoth Kumar CNS, Dr.R.Naresh	Published
5	July	Detection of Unique DELETE attack in WSN using Gradient Thresholding - Long short Term Memory algorithm	IPR	Dr.P.Visalakshi	Published
6	July	Detection of Pigment Epithelial Detachment using Machine Learning	IPR	Dr.M.Anand	Published
7	August	A System And A Method For Determining Node-Location Status Of User Within Defined Geographical Area	IPR	Dr.Annapurani Panaiyappan.K	Published
8	August	IoT Enabled Automatic EB Billing System	IPR	Dr.V.Pandimurugan Dr.Rajaram V	Published
9	September	A System And A Method For Implementing A Web Dictionary	IPR	Ms.K.Meenakshi	Published
10	September	Artificial Intelligence Based Data Traffic Analysis In Iot Wireless Sensor Network Nodes	IPR	Dr.K.Venkatesh	Published
11	September	Car Number Plate Detection And Extraction Using Deep-Learning	IPR	Dr.P.Balamurugan	Published
12	September	Remote Patient Monitoring System Using Iot And 5G Technology	IPR	Dr.T.Balachander	Published
13	September	A Wearable Personal Safety Device	IPR	Dr.S.Metilda Florence	Published
14	September	A Secure Block Chain Based Agriculture Data Exchange and Monitoring System	IPR	Dr.K.Deepa Thilak Dr.S.Thanga Revathi Dr.K.Kalaiselvi Dr.M.Shobana Dr.Manickam M	Published
15	September	IOT-Based Epileptic Seizure Detection	IPR	Dr.Kayalvizhi R	Published
16	September	Inspection of Wireless Ad-hoc Networks for evaluating Network Congestion Diagnosis with Quality Asset	IPR	Dr.A.Vijay Vasanth Dr.M.Jeyaselvi Dr.N.Senthamarai	Published

Publications

S.No	Month	Indexing	Name	Paper Title	Journal Name	Authors	SNIP/IF
1	July	SCI	Dr.A.Suresh	Explainable AI Enabled Infant Mortality Prediction Based on Neonatal Sepsis	Computer Systems Science & Engineering	Priti Shaw, Kaushtubh Pachpor, Dr.A.Suresh	0.827 / 4.397
2	July	Scopus	Dr.N.Krishnaraj	A Novel Anomaly Detection Method in Sensor Based Cyber-Physical Systems	Intelligent Automation & Soft Computing	K. Muthulakshmi, N. Krishnaraj, S. Ravi Sankar, A. Balakumar, S. Kanimozhi, B. Kiruthika	0.946 / 1.647
3	July	Scopus	Dr.N.Krishnaraj	Deep Learning Based Residual Network Features for Telugu Printed Character Recognition	Intelligent Automation & Soft Computing	Vijaya Krishna Sonthi, S.Nagarajan, Dr.N.Krishnaraj	0.946 / 1.647
4	July	SCI	Ms.Mahalakshmi P	Video Saliency Detection by using an Enhance Methodology Involving a Combination of 3DCNN with Histograms	International Journal Of Computers Communications & Control	Suresh Kumar R, Ms.Mahalakshmi P, Jothilakshmi, Kavitha M S, Balamuralidharan S	0.712 / 2.093
5	July	Scopus	Dr N Prasath, Dr.Vigneshwaran P	Driver Drowsiness Detection Using Machine Learning Algorithm	IEEE Xplore	N.Prasath, J.Sreemathy, P.Vigneshwaran	0
6	July	Scopus	Dr.Annapurani Panaiyappan.K	Real-Time Application for Deaf and Dumb: Bidirectional Communication Using Learning Methods	Lecture Notes in Networks and Systems	G.Arun Prasath, K.Annapurani	0.249
7	July	Scopus	Dr.Vigneshwaran P	Heart Disease Prediction Analysis Through Ensemble Learning Model	Lecture Notes in Networks and Systems	Rohit Shrivastava, P.Vigneshwaran, Anand Kumar Soni	0.249
8	July	SCI	Dr.Elizabeth Jesi V	An intelligent disease prediction and monitoring system using feature selection, multi-neural network and fuzzy rules	Neural Computing and Applications	Elizabeth Jesi V, Shabnam Mohamed Aslam	1.653 / 5.102
9	July	SCI	Dr.Vigneshwaran P, Dr.N.Prasath	Identification and Acknowledgment of Programmed Traffic Sign Utilizing Profound Convolutional Neural Organization	Intelligent Automation & Soft Computing	Vigneshwaran P, N.Prasath, M.Islabudeen, A.Arun, A.K.Sampath	0.946 / 3.401

Publications

S.No	Month	Indexing	Name	Paper Title	Journal Name	Authors	SNIP/IF
10	July	SCI	Dr.Nimala.K	Oppositional Harris Hawks Optimization with Deep Learning-Based Image Captioning	Computer Systems Science & Engineering	V.R.Kavitha, K.Nimala, A.Beno, K.C.Ramya, Seifedine Kadry, Byeong-Gwon Kang, Yunyoung Nam	0.827 / 4.397
11	July	Scopus	Dr.Vinoth Kumar CNS	Energy-Efficient ACO-DA Routing Protocol Based on IoEABC-PSO Clustering in WSN	Lecture Notes on Data Engineering and Communications Technologies	M.Vasim Babu, C.N.S.Vinoth Kumar, B.Baranidharan, M.Madhusudhan Reddy, R.Ramasamy	0
12	July	SCI	Dr.Vigneshwaran P	Instrumentation system for data acquisition and monitoring of hydroponic farming using ESP32 via Google Firebase	Indonesian Journal of Electrical Engineering and Computer Science	Prisma Megantoro, Rizki Putra Prastio, Hafidz Faqih Aldi Kusuma, Abdul Abror, Vigneshwaran P, Dimas Febriyan Priambodo, Diaz Samsun Alif	0.513
13	July	SCI	Dr.Suresh.A, Dr.V.Anbarasu	A decentralized secured grid integration system using APEBC technique with multi access AI framework	Sustainable Computing: Informatics and Systems	PardeepKumar, Dr.Suresh.A, V.Anbarasu, S.P.Anandaraj, Sridhar Udayakumar	1.779 / 4.923
14	July	SCI	Dr.Suresh. A	Assessing transmission excellence and flow detection based on Machine Learning	Optical and Quantum Electronics	A.Suresh, R.Kishorekumar, M.Senthil Kumar, K.Elaiyaraja	0.922 / 2.794
15	July	Scopus	Dr.N.Krishnaraj	Quasi Oppositional Artificial Fish Swarm Optimization Based Multi-Hop Routing Protocol for Vehicular Adhoc Networks	Mathematical Statistician and Engineering Applications	Koppisetti Giridhar, Dr.C.Anbuananth, Dr.N.Krishnaraj	0
16	July	Scopus	Dr.N.Krishnaraj	Privacy Preserving Blockchain Enabled Metaheuristic Clustering Protocol for Vehicular Adhoc Networks	Mathematical Statistician and Engineering Applications	M.V.B.Murali Krishna Dr.C.Anbu Ananth, Dr.N.Krishnaraj	0
17	July	SCI	Dr.Mary Subaja Christo	Secure and Energy Concise Route Revamp Technique in Wireless Sensor Networks	Intelligent Automation & Soft Computing	S.M.Udaya Shankar, Dr.Mary Subaja Christo, P.S.Uma Priyadarsini	0.946 / 3.401
18	July	SCI	Mr.Joseph Raymond V	Investigation of Android Malware Using Deep Learning Approach	Intelligent Automation and Soft Computing	V.Joseph Raymon, R.JebersonRetna Ra	0.946 / 3.401

Publications

S.No	Month	Indexing	Name	Paper Title	Journal Name	Authors	SNIP/IF
19	July	SCI	Dr.Rajesh babu C	Elite-CAM: An Elite Channel Allocation and Mapping for Policy Engine over Cognitive Radio Technology in 5G	Sensors	C.Rajesh Babu, Amutha Balakrishnan, Kadiyala Ramana, Saurabh Singh, In-Ho Ra	3.847
20	July	Scopus	Dr.R.Naresh	Survey on Cloud Auditing by Using Integrity Checking Algorithm and Key Validation Mechanism	Lecture Notes in Networks and Systems	M.Mageshwari, R.Naresh	0.249
21	July	Scopus	Dr.LakshminarayananR	Trusted authority based secured and efficient infrastructure-less routing in heterogeneous vehicular adcock network	AIP Conference Proceeding	M. Sarvavnan, R. Lakshmi Narayanan, P. GowsikRaja	0.262
22	July	Scopus	Dr .Kalaiselvi K, Dr.Deepa Thilak K	Improving Ecommerce Performance by Dynamically Predicting the Purchased Items Using FUP Incremental Algorithm	Lecture Notes in Networks and Systems	K.Kalaiselvi, K.Deepa Thilak, S.Saranya, T.Rajeshkumar, M.Malathi, M.Vijay Anand, K.Kumaresan	0.249
23	July	SCI	Ms.Meenakshi K	An Optimised Defensive Technique to Recognize Adversarial Iris Images Using Curvelet Transform	Intelligent Automation and Soft Computing	K.Meenakshi, G.Maragatham	0.946 / 3.401
24	July	Scopus	Dr.VINOTH KUMAR C N S	An Improvised Machine Learning Approach for Wireless Sensor-Based Healthcare Applications	Lecture Notes on Data Engineering and Communications Technologies - Springer	V.Bharathi, Vinoth Kumar C N S	0
25	August	SCI	Dr Radhika R	Classification and Detection of Mesothelioma Cancer Using Feature Selection-Enabled Machine Learning Technique	BioMed Research International Hindawi	M.Shobana, V.R.Balasaraswathi, R.Radhika, Ahmed Kareem Oleiwi, Sushovan Chaudhury, Ajay S.Ladkat, Mohd Naved, Abdul Wahab Rahmani	3.246 / 1.119
26	August	Scopus	Dr.R.Naresh	Dual Authentication for Payment Request Verification Over Cloud using Bilinear Dual Authentication Payments Transaction Protocol	Journal of Advanced Computer Science and Applications	A.Saranya, Dr.R.Naresh	0.528

Publications

S.No	Month	Indexing	Name	Paper Title	Journal Name	Authors	SNIP/IF
27	August	Scopus	Dr.A.Vijay Vasanth	Context-Aware Spectrum Sharing and Allocation for Multiuser-Based 5G Cellular Networks	Wireless Communications and Mobile Computing	Dr.A.Vijay Vasanth, D.Yuvaraj, Prasad Junga, Harsh Pratap Singh, R.Jaikumar, Subbiah Swaminathan, P.Kumar, Babji Prasad Chapa, D.Y.Varaprasad, S.Chandragandhi, Worki Abera	2.146 / 0.923
28	August	SCI	Mr.Joseph Raymond V	Investigation of Android Malware with Machine Learning Classifiers using Enhanced PCA Algorithm	Computer Systems Science and Engineering	V.Joseph Raymond, R.Jeberson Retna Raj	4.397 / 0.827
29	August	Scopus	Dr.Vinoth Kumar CNS	An Implementation Perspective on Electronic Invoice Presentment and Payments	Lecture Notes in Networks and Systems Book Series	B.Barath Kumar, Vinoth Kumar C N S, R.Suguna, M.Vasim Babu, M. Madhusudhan Reddy	0.249
30	August	Scopus	Dr.M.Jeyaselvi	SVM-Based Cloning and Jamming Attack Detection in IoT Sensor Networks	Advances in Information Communication Technology and Computing	Dr.M.Jeyaselvi, M.Sathya, S.Suchithra, S.Jafar Ali Ibrahim, N.S.Kalyan Chakravarthy	0.307
31	August	SCI	Dr.Nimala.K	Automated Recognition of Cancer Tissues through Deep Learning Framework from the Photoacoustic Specimen	Contrast Media & Molecular Imaging	Gayathry Sobhanan Warrier, T.M.Amirthalakshmi, Nimala.K, T.Thaj Mary Delsy, P.Stella Rose Malar, G.Ramkumar, Raja Raju	3.009 / 0.986
32	August	Scopus	Dr.S.Metilda Florence, Dr.V.Elizabeth Jesi, Dr.M.Anand, Mr.V.Joseph Raymond	Analysis of Ensemble Classification of Twitter Sentiments Using New Dependency Tree Based Approach	International Journal on Artificial Intelligence Tools	M.Uma, S.Metilda Florence, V.Elizabeth Jesi, M.Anand, V.Joseph Raymond	1.059 / 0.647
33	August	Scopus	Dr.Vinoth Kumar CNS	An Approach on Cyber Crime Prediction Using Prophet Time Series	2022 IEEE 7th International conference for Convergence in Technology (I2CT)	Aakriti Nag, Rohit Ranjan, C. N. S.Vinoth Kumar	0
34	August	Scopus	Dr.R.Naresh	A Short Systematic Survey on Precision Agriculture	Lecture Notes in Networks and Systems (Springer)	S.Sakthipriya, R.Naresh	0.249
35	August	Scopus	Dr.Venkatesh.K	An Analysis of Various Techniques in Blockchain Applications	Proceedings - 2022 6th International Conference on Intelligent Computing and Control Systems, ICICCS 2022	Shanthi P, Venkatesh.K	0

Publications

S.No	Month	Indexing	Name	Paper Title	Journal Name	Authors	SNIP/IF
36	August	SCI	Dr.Rajesh Babu C	BENS-B5G: Blockchain-Enabled Network Slicing in 5G and Beyond-5G (B5G) Networks	Sensors	Saurabh Singh, C.Rajesh Babu, Kadiyala Ramana, In-Ho Ra, Byungun Yoon	3.847 / 1.42
37	August	Scopus	Dr.V.Pandimurugan	Artificial intelligence based health indicator extraction and disease symptoms identification using medical hypothesis models	Cluster Computing	L.Sathish Kumar, Sidheswar Routray, A. V.Prabu, S.Rajasoundaran, Dr.V.Pandimurugan, Amrit Mukherjee, Mohammed S. Al-Numay	2.303 / 1.002
38	August	Scopus	Dr.Saravanan M	Denoising Techniques in Healthcare Data for Improving Accuracy in Medical Applications – A Survey	IEEE Xplore	Karthikram A, Saravanan M	0
39	August	Scopus	Dr.Parimala G	LSTM and CNN based Stock Price Prediction APP	IEEE Xplore	Ruhaan Sandhu, Parimala G, S. Nithiya	0
40	August	Scopus	Dr.A.Vijay Vasanth, Dr.B.YAMINI	Improved Performance Of Routing In Fanet Using Caching Techniques	NeuroQuantology	Vijay Vasanth, Dr.Yamini Bhavani Shankar, Shahul Hameed Chettali	1.038
41	August	SCI	Dr.Rajesh Babu C	COCO: Coherent Consensus Schema For Dynamic Spectrum Allocation For 5G	Complexity	Dr.Rajesh Babu C Kadiyala Ramana, R. Jeya, Asadi Srinivasulu	2.121 / 0.766
42	Sep	SCI	Dr.V.Anbarasu	Energy efficient congestion free and adaptive mechanism for data delivery in underwater wireless sensor networks using 2H-ACK	Optical and Quantum Electronics	M.Baskar, Dr.V.Anbarasu, A.Balaji, P.Kalyanasundaram, R. Thiagarajan, T.S.Arulananth	0.922 / 2.794
43	Sep	Scopus	Mr.Prabakaran	Autonomous Ticketing System with Bus Health Monitoring	IEEE Explore	Yaksh Chopra, Prabakaran J	0
44	Sep	SCI	Dr.Kayalvizhi Jayavel	Containerized Architecture Performance Analysis for IoT Framework Based on Enhanced Fire Prevention Case Study: Rwanda	Sensors	Eric Hitimana, Gaurav Bajpa, Richard Musabe, Louis Sibomana, Kayalvizhi Jayavel	3.847 / 1.42
45	Sep	Scopus	Dr.Radhika R	Radial Restricted Boltzmann Machines with Functional Neural Network for Classification of the Fake and Real News Analysis	International Journal of uncertainty, Fuzziness and knowledge based systems	V.Muthu Lakshmi, Dr.Radhika R, G.Kalpana	1.027 / 0.548

Publications

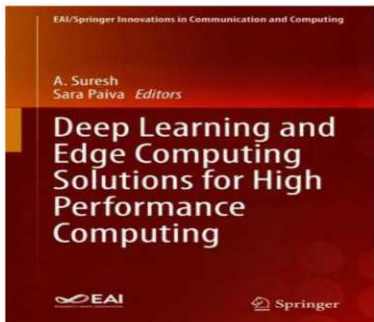| S.No	Month	Indexing	Name	Paper Title	Journal Name	Authors	SNIP/IF
46	Sep	Scopus	Dr.V.Pandimurugan	A comparative experimental analysis and deep evaluation practices on human bone fracture detection using x-ray images	Concurrency and Computation: Practice and Experience	L.Sathish Kumar, A.V.Prabu, Dr.V.Pandimurugan, S.Rajasoundaran, Prince Priya Malla, Sidheswar Routray	1.831 / 0.835
47	Sep	Scopus	Dr.Vigneshwaran P, Dr.N.Prasath	A comprehensive analysis of consumer decisions on Twitter dataset using machine learning algorithms	IAES International Journal of Artificial Intelligence (IJ-AI)	Vigneshwaran Pandi, Prasath Nithiyanandam, Sindhuja Manickavasagam, Islabudeen Mohamed Meerasha, Ragaventhiran Jaganathan, Muthu Kumar Balasubramanian	0.592
48	Sep	Scopus	Dr.R.Radhika, Dr.M.Shobana, Dr.V.R.Balasaraswathi, Dr.C.Fancy	An Automated Irrigation System with Movement and Sound Detection Sensor for Crop Shielding	IEEE Xplore	R.Radhika, M.Shobana, V.R.Balasaraswathi, C.Fancy, L.Mary Shamala	0
49	Sep	Scopus	Dr.Metilda Florence S	An Overview on Handling Anti Forensic Issues in Android Devices Using Forensic Automator Tool	SPICES 2022 - IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems	H. Hemanth Bharath Bhushan, Metilda Florence S	0
50	Sep	SCI	Ms.Mahalakshmi P.	An effective multilingual retrieval with query optimization using deep learning technique	Advances in Engineering Software	Ms. Mahalakshmi P., N. Sabiyath Fatima, Roobesh Balaji, Malav Jaydevbhai Patel	4.255 / 1.764
51	Sep	Scopus	Dr.Varun Kumar K A	Self-co-ordination algorithm (SCA) for multi-UAV systems using fair scheduling queue	Sensor Review	Dr. Varun Kumar K A, Priyadarshini R., Kathik P.C., Madhan E.S., Sonya A	1.544 / 0.587

Consultancy Works

S.No	Title of the collaborative activity	Name of the collaborating agency	Name of the participant	Total Amount
1	Web Development	Ardent sports	Dr.L.Anand Dr.Annapurani Panaiyappan.K	Rs.1,77,000
2	Materials and Human Resource Management	SSK Constructions	Dr.V.R.Balasaraswathi, Dr.M.Shobana, Dr.B.Yamini	Rs.1,23,900
3	Web Development	Sujas Shoppee	Dr.L.Anand, Dr.Annapurani Panaiyappan.K, Dr.L.N.B Srinvas, Dr.Radhika	Rs.1,47,000

FACULTY MEMBERS ACHIEVEMENTS

S.No	Photo	Name Of The Faculty	Name Of The Achievement
1		Dr.S.Prabakeran	Award For Excellence In Education 2022 By KXC
2		Dr.C.Rajesh Babu	Apple Certified Trainer - App Development with Swift
3		Dr.N.Krishnaraj	Certified as Professional Ethical Hacker from EC Council.
4		Dr.P.Balamurugan	Young Researcher Award

FACULTY MEMBERS ACHIEVEMENTS

S.No	Photo	Name Of The Faculty	Name Of The Achievement
5		Dr.A.Suresh	Book Published This book provides an insight into ways of inculcating the need for applying mobile edge data analytics in bioinformatics and medicine.
6		Dr.A.Suresh	Book Published: Bioinformatics and Medical Applications: Big Data Using Deep Learning Algorithms
7		Dr.M.Saravanan	Best Teacher Award : Knowledge Xchange Community awarded Best Teacher for Excellence in Education - 2022
8		Dr.M.Savaridasan	Best Teacher Award : Knowledge Xchange Community awarded Best Teacher for Excellence in Education – 2022

FACULTY COURSE COMPLETION

S.No	Name	Name of the Certification Course	Conducted by
		EC Council	
1	Dr.Lakshminarayanan R	Ethical Hacking Essential	EC Council
		ORACLE	
2	Dr.Balamurugan P	Oracle Certified Foundations Associate	Oracle
3	Dr.S.Prabakeran	Oracle Certified Foundations Associate	Oracle
4	Dr.Vijay Vasanth A	Oracle Certified Foundations Associate	Oracle
		MATLAB	
5	Ms.Angayarkannni S A	Machine Learning Onramp	MATLAB
6	Dr.Radhika R	MATLAB Onramp	MATLAB
		ISRO	
7	Dr.Vijay Vasanth A	Satellite Remote Sensing of Atmosphere	ISRO
8	Dr.S.Prabakeran	Satellite Remote Sensing of Atmosphere	ISRO
9	Dr.Radhika R	Satellite Remote Sensing of Atmosphere	ISRO
10	Dr.Balamurugan P	Satellite Remote Sensing of Atmosphere	ISRO
11	Dr.Balamurugan P	Remote Sensing & GIS Applications in Agriculture	ISRO
		IBM	
12	Dr.K.Deepa Thilak	Build-a-Thon " RedHat Openshift "	IBM
		CLOUD GURU	
13	Dr.L.Anand	Introduction to Cloud Computing	Cloud Guru
14		AWS Cloud Practitioner	Cloud Guru
15		AWS Certified sysops Administrator-Associate	Cloud Guru
16		Learn AWS by Doing	Cloud Guru
17		System Administrators Guide to Bash Scripting-New 2020	Cloud Guru
18		Using Terraform to manage Applications and Infrastructure	Cloud Guru
19		RedHat Certified System Administrator Ex-200	Cloud Guru
20		Redhat Certified system administrator Challenge Lab	Cloud Guru
21		Postgres Sql Administion Deep Dive	Cloud Guru
22		Network routing Fundamentals	Cloud Guru
		LINKED IN	
23	Dr.L.Anand	Database Fundamentals Core Concept	LinkedIn
24		DevOps Foundations: Monitoring and Observability	LinkedIn
25		DevOps Foundations: Distributed Tracing	LinkedIn
26		DevOps Foundations: Continuous Delivery/Continuous Integration	LinkedIn
27		NoSQL Essential Training	LinkedIn
28		Linux System Engineer: Web Servers and DNS Using Apache, NGINX, and BIND	LinkedIn
29		Learning NGINX	LinkedIn
30		Introduction to SAN and NAS storage	LinkedIn
31		Test Automation Foundations	LinkedIn
32		Hashi Corp certified Terraform Associate	LinkedIn

PLACEMENTS

MARQUEE OFFERS (Batch - 2023)

PAYPAL

RA1911028010097
SHREYANSH PATHAK
B.Tech - Cloud Computing
Stipend - Rs.50,000 PM
CTC - Rs.20.0 LPA

RA1911030010041
YADVI BHALLA
B.Tech - Cyber Security
Stipend - Rs.50,000 pm
CTC - Rs.20.0 LPA

RA1911028010001
P NIKKILA
B.Tech - Cloud Computing
Stipend - Rs.50,000 PM
CTC - Rs.20.0 LPA

RA1911028010129
PRANJAY PODDAR
B.Tech - Cloud Computing
Stipend - Rs.50,000 PM
CTC - Rs.20.0 LPA

REVERSE LABZ

RA1911031010021
CHETAN PAREEK
B.Tech - IT
Stipend - Rs.40,000 PM
CTC - Rs.25.0 LPA

RA1911029010012
MOTATI RAM PRAKASH REDDY
B.Tech - CN
Stipend - Rs.40,000 PM
CTC - Rs.25.0 LPA

RA1911029010032
ATIMABH BARUNAHA
B.Tech - CN
Stipend - Rs.40,000 PM
CTC - Rs.25.0 LPA

COMMVAULT - (SDE ROLE), WELLS FARGO, MORGAN STANLEY

RA1911032010036
PRANAV PRASHOB
B.Tech - CN
Stipend - Rs.41,000 PM
CTC - Rs.31.25 LPA

RA1911030010043
SHASHWAT MISHRA
B.Tech - CN
Stipend - Rs.90,000 PM
CTC - Rs.24.0 LPA

RA1911028010128
MALLIPEDDI SRI CHARAN SAICHANDRA
B.Tech - CN
Stipend - Rs.87,000 PM
CTC - Rs.29.48 LPA

MARQUEE OFFERS (Batch - 2024)

DE SHAW

RA2011028010150
ASHUTOSH R SINGH
B.Tech - Cloud Computing
Stipend - Rs.1,50,000 PM
CTC : Rs.40.0 to Rs.45.0 LPA

PLACEMENTS

IV YEAR - NWC - NOTABLE INTERNSHIP DETAILS

RA1911030010083
GYANESH SAMANTA
TIH - IoT Chanakya Scheme
Duration : 12 Months
Stipend : Rs.10,000 PM

RA1911030010128
ESHAAN BHARADWAJ
TIH - IoT Chanakya Scheme
Duration : 12 Months
Stipend : Rs.10,000 PM

III YEAR - NWC - NOTABLE INTERNSHIP DETAILS

RA2011030010022
HARISH MOGALIPUVVU
METAVERSE TECHNOLOGY PRIVATE LIMITED
Duration : 3 Months
Stipend : Rs.10,000 PM

RA2011029010037
HRITHIK SINGH
Vakilsearch (Zolvit)
Duration : 5 Months
Stipend : Rs.20,000 PM

RA2011028010032
ARITRA DUTTA
IIT Roorkee
Duration : 2 Months
Stipend : Rs.10,000 PM

RA2011030010038
ANIRUDDHA GHOSH
Cario Growth
Duration : 6 Months
Stipend : Rs.10,000 PM

RA2011030010180
VIGHNESH PRADHAN
Electric Miles
Duration : 12 Months
Stipend : Rs.25,000 PM

RA2011032010055
BHURVA SHARMA
Kana
Duration : 2 Months
Stipend : Rs.12,000 PM

PLACEMENTS

PG 2023

RA2112033010002
EEDA LAKSHMI PRIYA
M.Tech. - Cloud Computing
Placed In : Virtusa
Stipend : Rs.12,500 PM

RA2112033010008
SANDHIYA V
M.Tech - Cloud Computing
Placed In : Virtusa
Stipend : Rs.12,500 PM

RA2112033010011
DHANUSH M S
M.Tech - Cloud Computing
Placed In : Virtusa
Stipend : Rs.12,500 PM

RA2112033010012
VANJIPRIYA V
M.Tech - Cloud Computing
Placed In : Ericsson Global India Services
Stipend : Rs.30,000 PM
CTC : Rs.11,50,000 LPA

RA2112033010013
TANUBUDDI SRINIVASA REDDY
M.Tech - Cloud Computing
Placed In : Ford
Stipend : Rs.20,000 PM

RA2112033010018
DEEPAK KUMAR
M.Tech - Cloud Computing
Placed In : Renault Nissan Technology India Pvt Ltd
Stipend : Rs.25,000 PM

RA2112023010001
AISWARYA RAJEEVAN
M.Tech - ISCF
Placed In : Trane Technologies
Stipend : Rs.20000 PM
CTC : Rs.8,00,000 LPA

RA2112023010008
KRITHIKA .R
M.Tech - ISCF
Placed In : Tata Digital
Stipend : Rs.25,000 PM
CTC : Rs.10,00,000 LPA

RA2112023010013
VISHNU KUMAR V
M.Tech - ISCF
Placed In : Bank of America Corporation
Stipend : Rs.45,000 PM
CTC : Rs.6,50,000 LPA

RA2112023010014
JEROME SHURUJITH D
M.Tech - Cloud Computing
Placed In : Tata Technology
CTC : Rs.7,60,000 LPA

PLACEMENT HIGHLIGHTS

- In the 2023 batch, out of 469 students, 388 students got offers in various Marquee, Dream, Super Dream, and Day sharing companies and 610 total offers.

2023 BATCH OFFER DETAILS	
Unique Placement Offers	388
Dream Offers	153
Super Dream	160
Marquee	10
Day Sharing	287

- In the 2024 batch, there are 14 internship offers and 1 Marquee offer.

PLACEMENTS

Placement Training Activities from JULY 2022 To SEPTEMBER 2022

- Amazon Specific Test series are conducted to the group of students. The details of the tests are as follows.
    a) General Attitude Test is conducted on 15.09.2022
    b) Coding challenge test is conducted on 17.09.2022
    c) Technical MCQ based test is conducted on 21.09.2022

- Hacker rank Coding Challenge is conducted on 13.08.2022 for all the students of Dept. of NWC.

- RedHat Linux (RHCSA) Examination Orientation Training is arranged for the students and faculty members in tie up with AdvantagePro. The training is started from 18.08.2022 (Monday) onwards. The details of training are as follows.
    a) Exam Preparatory Training conducted by Mr.Madan, Trainer, at SRM 18th and 19th Aug between 1 PM to 5 PM.
    b) Aug 20th and 21st self-practice through VPN, Individual systems have assigned to all the students and faculty members to practice Q and A .
    c) Aug 22nd Mock test is conducted and followed by Practice (ONLINE).
    d) Aug 23rd Again Practice – ONLINE.
    e) Aug 24th and 25th Practice and mock test- At Advantage Pro Centre.
    f) Aug 26th Final Global Exam.

- The following list of students and faculty members have successfully received the global certification after clearing the RHCSA exam.

S.NO	STUDENT REG.NO / FACULTY ID	NAME OF STUDENT / FACULTY
1	RA2011030010038	ANIRUDDHA GHOSH
2	RA2011003010865	ANUDATT SUNITH
3	RA2011003011185	GOKAVARAPU SAI HARISH
4	102695	MANIKANDAN T

SIIEC Funding

Project Ablaze

SIIC Funding Project Title	:	Project Ablaze
Amount	:	Rs.2,25,000 / -
Faculty Mentor	:	Dr.C.N.S Vinoth Kumar - NWC / SRMIST
Student Team	:	Hrivu Dasmunshi - RA1911004010566
		Madhurya Mozumder - RA1911028010036
		Amish Agarwal - RA1911028010023
		Animesh Mondal - RA1911018010125
		Tushar Goyel - RA1911038010007
Area	:	Robotics / Societal Solutions
Team Strength	:	5
Level	:	Prototype

Brief Vision : The main purpose or aim is to develop a solution that will enable a smart home fire safety solution. This includes a robot that will be able to detect fire and extinguish it. This can be implemented in laboratories, manufacturing units and other places that can be vulnerable to fire, including residential properties.

STUDENT ACHIEVEMENTS
SIIEC Funding

SIIC Funding Project Title	:	INCONTROL
Amount	:	Rs.45,000 / -
Faculty Mentor	:	Dr.P.Supraja, Associate Professor, NWC / SRMIST
Student Team	:	Girithar V, Chakreesh M, Rajkumar M
Area	:	Motorsport
Team Strength	:	3
Level	:	Prototype
Brief Vision	:	Incontrol is a Technological Startup Aiming To Make Motorsport Learning Effiecient, Easier & More Accesable To The Public. We Aim To Provide Top Of The Class Training &Events

STUDENT ACHIEVEMENTS

S.No	Student Register Number(s)	Name of the Event	Description of the event	From date	To date
1	RA2011028010135 KUSHAGRA VERMA CLOUD COMPUTING	League of the legends - Table Tennis	It was a sports event organized by the NWC department, where I took part in table tennis and was the runner-up.	12.08.2022	12.08.2022
2	RA2011029010050 MAHEK KAMANI COMPUTER NETWORKING	MLH hackathon	We have created a hospital form management system that reduces the work of patients during registration in a hospital. We won the best use of GitHub price in this hackathon.	19.08.2022	21.08.2022
3	RA2111030010044 DIYA RASTOGI CYBER SECURITY RA2011030010050 ROHAN KUMAR CYBER SECURITY	VERSIO'22	We wrote a research paper on "Entrepreneurship using AI" and we presented the paper through a PowerPoint presentation in SRM Ramapuram. The paper talked about how AI tools can transform the market and we devised a hypothetical model that would help transform the market.	28.09.2022	28.09.2022

STUDENT ACHIEVEMENTS

S.No	Student Register Number(s)	Name of the Event	Description of the event	From date	To date
4	RA2111028010067 PAWAN KUMAR CLOUD COMPUTING RA2111028010069 VANSH SHARMA CLOUD COMPUTING	Data Science Hackathon	In the Data Science hackathon we worked on Placement Prediction Model using skills like Machine learning, artificial intelligence, and frontend development. I worked in the machine learning domain and used tech stack modules like seaborn,Pandas, and MatplotlibNumpy to implement an accurate Linear regression model for our data and get useful insights from the data.	02.09.2022	03.09.2022
5	RA1911028010096 ISHITA JOSHI CLOUD COMPUTING	The Harvard Project for Asian and International Relations	Got selected among the top 500 delegates all across the globe. Participated in a competition called Impact Challenge and was ranked the first position all across the globe. The competition had several submissions all over the world and only my team was awarded the first prize.	20.08.2022	24.08.2022

ALUMNI MESSAGE

SACHIN MOTWANI
B.TECH (COMPUTER SCIENCE AND ENGINEERING)
with specialization in Cyber Security
(BATCH 2018-2022)

The four important years of any person's life, which acts as a gamechanger were spent in SRM. The first four semesters for us were normal in physical mode. College life before covid was full of a lot of stuff, completing a lot of assignments, lab works, running from UB to Tech Park to attend classes, managing multiple subjects and exams at the same time and much more. It felt hectic at times, but it taught us how to manage pressure and organize ourselves. Our third year was conducted online, which was a different kind of experience, but each day we just used to pray that college reopens as soon as possible!

Although at times we feel overstressed by the burden of assignments, internal tests, projects, club work. But all the hustle was worth it as we came to know about the skill of handling pressure. Participating in fests and other club related events was also fun Some advice from me would be to explore whatever you want to do, if you feel you want to join a particular club, join it. If you are interested to study a topic, go and explore it. Do not fear that what people will think or so. Also do not come into peer pressure and do anything which you are not interested in. Be independent in your ways. Do enjoy college life but take care that whatever you do does not cause any hindrance to your academic goals.

STUDENT ARTICLES

ARTIFICIAL INTELLIGENCE – A SLOW GROWING CANCER?

PREM MISTRY
REG. NO : RA2011032010040
B. Tech (IoT) - III Year

When we hear the word AI or Robots, the only thing that comes to our mind is them making our lives easier and more comfortable. But what we don't understand is how sophisticated this thing can be. It can make itself smarter every moment it is kept running, which most of us would think is not a problem. When we talk about AI/ML today, it is still in its growing stage and we haven't tested it in sensitive areas, like in Japan, 4 robots were being built and tested for military applications, and something went sideways, and even though the robots were disconnected and one of them was completely destroyed, it still managed to connect itself to a local satellite and build itself back stronger and better and kill 29 Japanese Scientists working on it. It sounds like the Avengers movie but it is true. When we talk about intelligence, we cannot neglect the fact that artificial intelligence can be more intelligent than human intelligence in some cases. We don't know how it thinks, what it thinks, and what it can possibly cause. This is the only difference between AI and humans. We as a human know what is right and what is wrong and we know our boundaries, which might be limiting in some cases, but is perfectly fine in most cases. Whereas in AI, there are no boundaries and we can never predict its next step. We all have heard that AI might take over someday the entire human race, which is definitely not going to be the case because we are the ones who made it. But who knows just like the Asteroid hit earth 66 million years ago killing almost all the non-avian dinosaurs and wiping out many other species on earth, AI might be the next Asteroid that takes over the entire human race?

NEUROMAPS FOR FUTURE ARTIFICIAL INTELLIGENCE

DUSHYANT RAO
REG. NO : RA2011032010040
B. Tech (Cloud Computing) - III Year

No one can catch everything that's going on inside the brain, since it is such a complex organ. Multiple "brain maps" have emerged over the years, with each focusing on different brain processes, from metabolism to cognitive function. These maps are indeed important, but using them in isolation limits the discoveries scientists can make from them. Thanks to advanced computing with AI MRI scanners, we are now able to systematically compare and contextualize generated maps with respect to existing structural and functional annotations of the human brain. More than forty existing brain maps have now been collected in one place by a team. These are called neuromaps, the database will help researchers find correlations between patterns across different brain regions, modalities, spatial scales, brain functions, behavioural patterns using AI.

These neuromaps are intended to serve as a future data repository to assist researchers in differentiating between a relevant association and a random pattern, it offers a standardized space to see each map in comparison to one another and evaluates the statistical significance of these comparisons through rigorous statistical methods. Additionally, the neuromaps database helps standardize the code across maps, to improve the reproducibility of future artificial intelligence. Ultimately neuromaps will add a spark to the analysis of human brain maps and increase the accessibility of data and software tools to people with diverse research interests. As the rate at which new brain maps are generated in the field continues to grow, we hope that neuromaps will provide researchers with a set of standardized workflows for a better understanding of what these data can tell us about the human brain and produce artificial machines with behaviour resembling humans.

ACTIVITY CORNER

TECH NEWS OF THE MONTH

HAMDAN AHMED
RA1911031010037
CSE – IT
FINAL YEAR K2 SECTION

New Method to systematically find optimal quantum operation sequences for quantum computers developed

Computer scientists have succeeded in developing a method for systematically finding the optimal quantum operation sequence for a quantum computer. They have developed a systematic method that applies optimal control theory (GRAPE algorithm) to identify the theoretically optimal sequence from among all conceivable quantum operation sequences. This method is expected to become a useful tool for medium-scale quantum computers and is expected to contribute to improving the performance of quantum computers and reducing environmental impact in the near future.

1. Algorithms predict sports teams' moves with 80% accuracy.
Algorithms can predict the in-game actions of volleyball players with more than 80% accuracy, and now the lab is collaborating with the Big Red hockey team to expand the research project's applications.

2. Intelligence cooperation to provide surveillance and epidemic services in smart cities
Scientists explore the potential uses of integrated unmanned aerial vehicles and mobile robots for the public good.

CYBER-SECURITY - AWARENESS - NEWS

Hackers Can Use 'App Mode' in Chormium Browsers' for Stealth Phishing Attacks
In what's a new phishing technique, it has been demonstrated that the Application Mode feature in Chromium-based web browsers can be abused to create "realistic desktop phishing applications."

Application Mode is designed to offer native-like experiences in a manner that causes the website to be launched in a separate browser window, while also displaying the website's favicon and hiding the address bar.
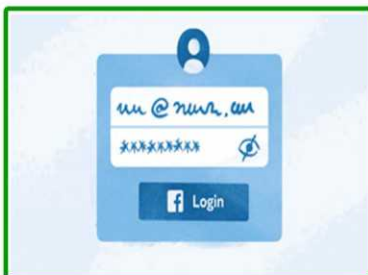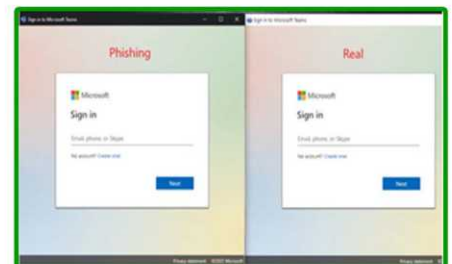
Facebook Detects 400 Android and iOS Apps Stealing User Log-in Credentials .

Meta Platforms on Friday disclosed that it had identified over 400 malicious apps on Android and iOS that it said targeted online users with the goal of stealing their Facebook login information.
"These apps were listed on the Google Play Store and Apple's App Store and disguised as photo editors, games, VPN services, business apps, and other utilities to trick people into downloading them," the social media behemoth said in a report shared with The Hacker News.

Biggest Crypto hack !!.

World's largest crypto exchange hacked with possible losses of $500m Binance, the latest crypto company to experience a targeted hack, temporarily suspends transactions and the transfer of funds.
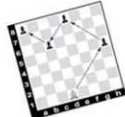
ACTIVITY CORNER

PUZZLES

PUZZLE OF THE DAY

The bishop must capture all of the pawns without moving to an empty square.

BISHOP
A bishop moves diagonally, in any direction. It can get rid of all four pawns by moving diagonally up and right, then up and left, then down and left, and finally, up and left. Four pawns, four moves. An efficient way to describe this is by writing the moves like this: h5 e8 c6 a8

Kindle and print puzzle books available on Amazon. More from MATCH Curriculum at www.chesscurriculum.io

Find the correct combination of 3 digits (0-9) given that exactly one of the following statements is false:

1. The product of all three digits is greater than 5 and less than 80.
2. The sum of all three digits is greater than 14.
3. The 1st digit is less than 4.
4. The 2nd digit is less than or equal to the 1st digit.
5. The square root of the 1st digit is an integer.
6. The square root of the 2nd digit is an integer.
7. The square root of the 3rd digit is an integer.

Puzzles

Suppose there are four people trying to cross a rather dodgy rope bridge in the middle of the night. Only two of them can cross it any one time and they only have a single flashlight between them. For this reason, one person of each pair must return to help the others get across. But time is limited; they are being chased and need to get across within 17 minutes total. Sounds simple enough, except each person can only cross the bridge at a certain rate. One person takes 1 minute to cross the bridge. The second takes 2 minutes, the third 5 and the last person 10 minutes. Each pair can only cross as fast as the slowest member of the pair. How can they all cross the bridge in time?

Brain Teaser 2

You are in a room that has three switches and a closed door. The switches control three light bulbs on the other side of the door. Once you open the door, you may never touch the switches again. How can you definitively tell which switch is connected to each of the light bulbs?

A man stands on one side of a river, his dog on the other. The man calls his dog, who immediately crosses the river without getting wet and without using a bridge or a boat. How did the dog do it?

If I am holding a bee, what do I have in my eye?

Brain Teaser 7

You measure my life in hours and I serve you by expiring. I'm quick when I'm thin and slow when I'm fat. The wind is my enemy.

Find the Output for the following codes

a.
```
int x = 20;
int y = 30;
int a = 10;
int b = 20;
int c = 60;
int ans = x > y ? c > y ? a+b : c-b : y;
print(ans);
```

b. Given an array of element ar = [1,3,5,7,8,4] and form a binary-tree using a level order traversal. Now traverse the tree in a Preorder fashion and append the elements so it forms a 6-digit number. Do the same for Inorder and Postorder, and find the sum of the numbers formed.

Form link for puzzle:

https://docs.google.com/forms/d/e/1FAIpQLSdmYiTx7QGkGSQRVWB7WL-m1gFR9f1weIMSLo1eyzhZ_tKWeA/viewform?usp=sf_link

EVENTS

Research Oration

| S. No.	Scholar Reg. No	Scholar Name	Title	Presented Date
1	RA1913003011039	Meenakshi	Web Development in Research	09-07-2022
2	RA1613003011006	R.Deepa	Case Studies Using R-Programming	16-07-2022
3	RA1913003011027	Arun Prasad G	Sign Language Recognition Using Multilayer CNN	30-07-2022
4	RA1913003011029	S.Mithra	virtual Tools used in deep learning	13-08-2022
5	RC2013003011018	P.Vinoth Kumar	Advanced Wireless Sensor Network	13-08-2022
6	RA2013003011009	Akella S Narasimha Raju	Non Fungible Token	20-08-2022
7	RA2013003011024	Asha Abraham	Hyper Parameter Optimization	27-08-2022
8	RC2113002011024	Jayanthi V	GAN	10-09-2022
9	RC2113003011002	Srikanth Cherukuvada	Asthetic of Scientific Writing using Latex	24-09-2022
10	RA2013003011010	Sakthipriya S	Agriculture 4.0	01-10-2022

EVENTS

Alumni Talks

A Talk on "Scrum Framework & Agile Methodology in Software Development" was conducted on 03.08.2022

Convener:

Dr. V. Hemamalini

Speaker: Mr. Aras Somasundaram
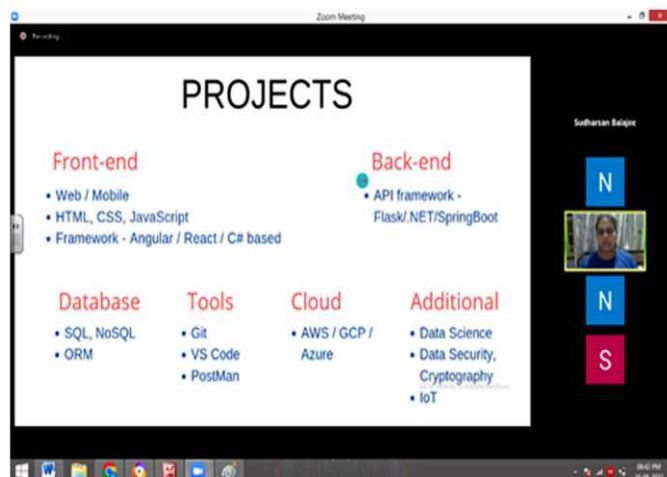
A talk on "PLACEMENT PROMPTS" was conducted on 10.08.2022

Conveners and Co-Conveners:
Dr. K. Nimala, Mr. K. Senthilkumar

Speaker: Mrs. Osa Moharji

A talk on "Side Channel Attacks" was conducted on 23.08.2022

Conveners and Co-Conveners:
Dr. Vaishnavi Moorthy, Dr. K. Venkatesh, Dr. K. Nimala, Dr. J. Godwin Ponsam

Speaker: Mr. Sivanesh Ashok
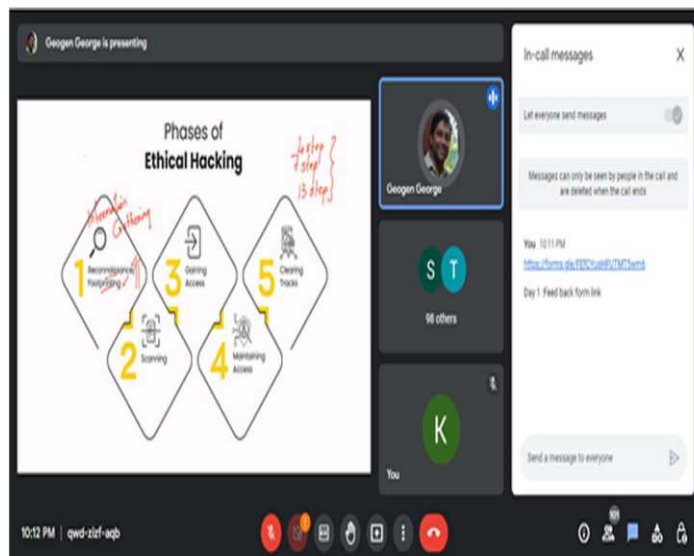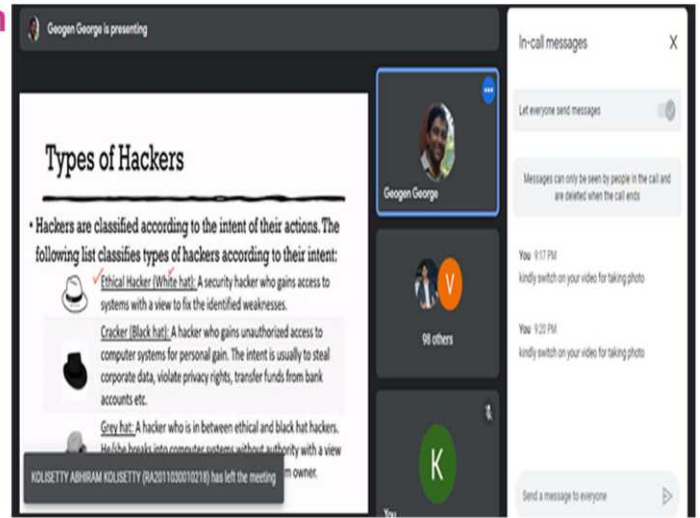
EVENTS

Alumni Talks

An International Lecture on " Introduction to Ethical Hacking, Penetration Testing with Kali Linux" held on 06.09.2022

Conveners and Co-Conveners:

Dr. A. Rathinam, Dr. K. Venkatesh, Dr. K. Nimala, Dr. J. Godwin Ponsam, Mr. Joseph Raymond, Ms.D.Saveetha, Ms.G. Sujatha

Speaker: Mr. Geogen George, Lecturer, University of Technology and Applied Science, Oman.

An International Lecture on "Penetration Testing with Kali Linux-Part2" held on 10.09.2022

Conveners and Co-Conveners:

Dr. A. Rathinam, Dr. K. Venkatesh, Dr. K. Nimala, Dr. J. Godwin Ponsam, Mr. Joseph Raymond, Ms.D.Saveetha, Ms.G. Sujatha

Speaker: Mr. Geogen George, Lecturer, University of Technology and Applied Science, Oman.

A talk on "Venturing into Tech Entrepreneurship" held on 30.09.2022

Conveners and Co-Conveners:

Dr. A. Rathinam, Dr. K. Venkatesh, Dr. K. Nimala, Dr. J. Godwin Ponsam, Mr. Joseph Raymond, Ms.D.Saveetha, Ms.G. Sujatha.

Speaker: Mr. Sidharth Sivasubramanian, Nyx Wolves Freelance & Business Solutions Pvt.Ltd.
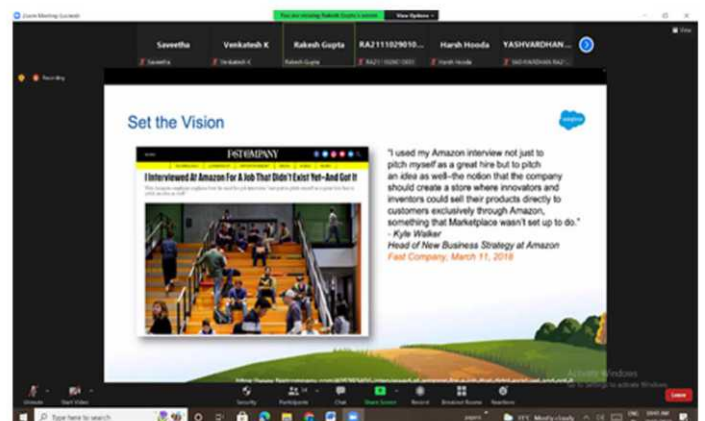
EVENTS

NWC Association Events

A Fun proactive session League of Legends was conducted on 12.08.2022 and 13.08.2022

Conveners and Co-Conveners: Ms.M.Safa, Dr.B.Yamini, Dr.A.Vijay Vasanth, Dr.P.Savaridassan

Student Conveners: Mr.Aravind G, Mr.Naman

Kattankulathur, Tamil Nadu, India
SRM University, R2GX+2GR, Potheri, SRM Nagar, Kattankulathur, Tamil Nadu 603203, India
Lat 12.824965°
Long 80.04912°
12/08/22 04:57 PM

Paper Presentation Contest held on 23.09.2022

Conveners and Co-Conveners:

Ms.M.Safa, Dr.Kayalvizhi Jayavel,

Dr.P.Savaridassan, Dr.S.Murugaanandam,

Mrs.D.Saveetha

VISIT TO APPA AMMA OLD AGE HOME on 24.09.2022 at Mannivakkam

Conveners and Co-Conveners:
Ms.M.Safa, Dr.S.Murugaanandam ,
Dr.P.Savaridassan, Mrs.D.Saveetha,
Ms.H.Anandhavalli

Student Convener: Mr.Aravind.G

Vandalur, Tamil Nadu, India
V3JF+P76, Kattabomman St, Otteri Extension, Vandalur, Tamil Nadu 600048, India
Lat 12.88134°
Long 80.07317°
24/09/22 11:42 AM GMT +05:30

Kattankulathur, Tamil Nadu, India
R2FW+X2X, Pillayar Koil St, Potheri, SRM Nagar, Kattankulathur, Tamil Nadu 603203, India
Lat 12.82497°
Long 80.045207°
23/09/22 11:39 AM GMT +05:30

Hack-A-Mine was conducted on 26.09.2022

Conveners and Co-Conveners:

Ms.M.Safa, Dr.Kayalvizhi Jayavel,

Dr.P.Savaridassan, Dr.S.Murugaanandam,
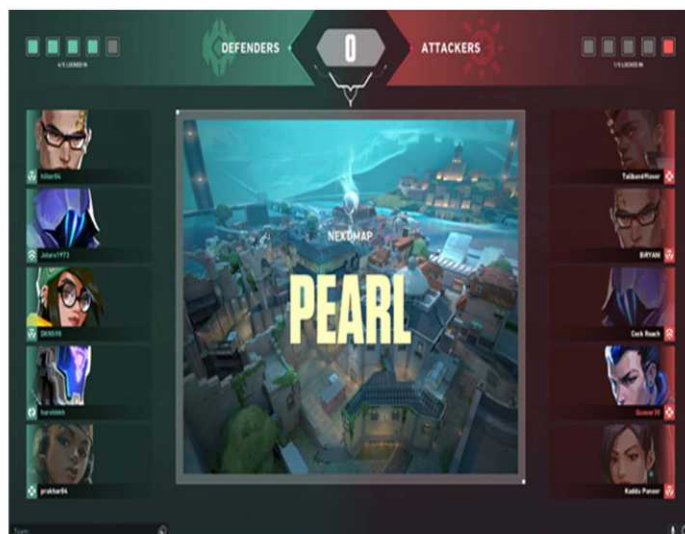
Mrs.D.Saveetha

Speakers: Mr.Akash Thakur

EVENTS

NWC Association Events

A Fun proactive session "SRM Campus Clutch" was conducted on 21.09.2022 and 22.09.2022

Conveners and Co-Conveners:
Ms.M.Safa, Dr.Kayalvizhi Jayavel, Dr.P.Savaridassan, Dr.S.Murugaanandam, Mrs.D.Saveetha

Speakers: Aravind, Sairam, Amrit, Rohan, Prince, Ajay, Tejas

Boot Camp on "See through C" held on 27.09.2022 and 28.09.2022

Conveners and Co-Conveners:
Ms.M.Safa, Dr.Kayalvizhi Jayavel, Dr.P.Savaridassan, Dr.S.Murugaanandam, Mrs.D.Saveetha

Speakers: Mr.Sachin Motwani

Technical Bootcamp Event By Team SRMHACKATHON - NWC Association, IOT Alliance – AICTE Spices Funds Club held on 29.09.2022 and 30.09.2022

Conveners and Co-Conveners:
Ms.M.Safa, Dr.Kayalvizhi Jayavel, Dr.P.Savaridassan, Dr.S.Murugaanandam, Mrs.D.Saveetha, Ms H. Anandhavalli

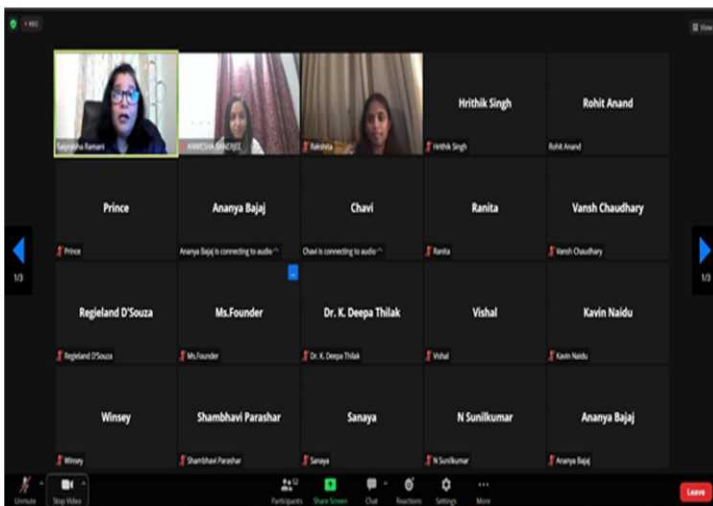**Speakers:** Mr.Kishore Abhishek, Technical Director @ZRAE Global

EVENTS

Other Technical Events

FDP in Cyber Security was conducted from 06.07.2022 to 13.07.2022

Conveners and Co-Conveners:
Dr.Annapurani Panaiyappan. K and
Dr.M.B.Mukesh Krishnan, Mr.Joseph Raymond. V

Speaker : Mr.P.Akash

Bridge course - Cloud Solution Architect by C-DAC jointly with the Ministry of Electronics and Information Technology-NASSCOM held on 13.08.2022

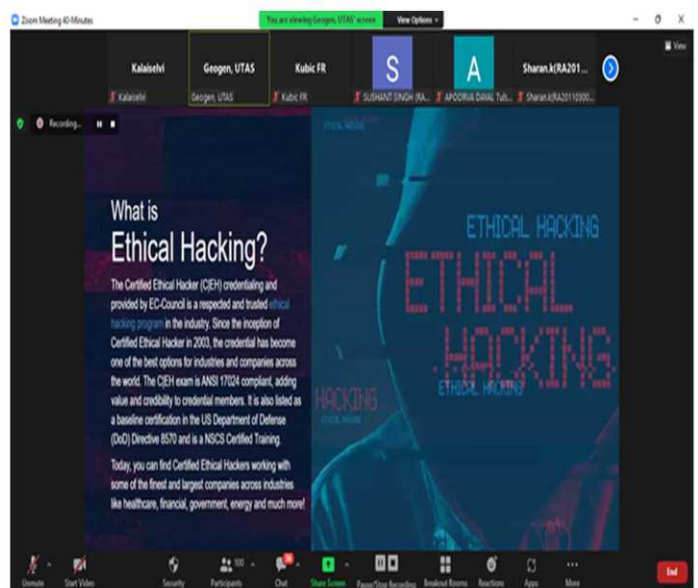**Conveners and Co-Conveners:** Dr.K.Kalaiselvi, Dr.K.Deepa Thilak

Student Conveners: Debdatta Singha, Rakshita bingi sai, Anwesha Banerjee, Palkini Parate, Aarya maske

SIX DAYS SKILL DEVELOPMENT PROGRAM ON ETHICAL HACKING held from 06.09.2022 to 12.09.2022

Conveners and Co-Conveners:
Dr.KayalvizhiJayavel, Ms.G.Sujatha,
Dr.L.N.B.Srinivas, Dr.K.Venkatesh,
Dr.K.Kalaiselvi, Mr.Joseph Raymond, Ms.Safa

Speakers : Mr.Geogen, Lecturer, University of Technology and Applied Science, IBRI, Oman,

Mr.Jagadeesan Srinivasan, Cybersecurity Instructor ,Zybeak Technologies Pvt. Ltd.,
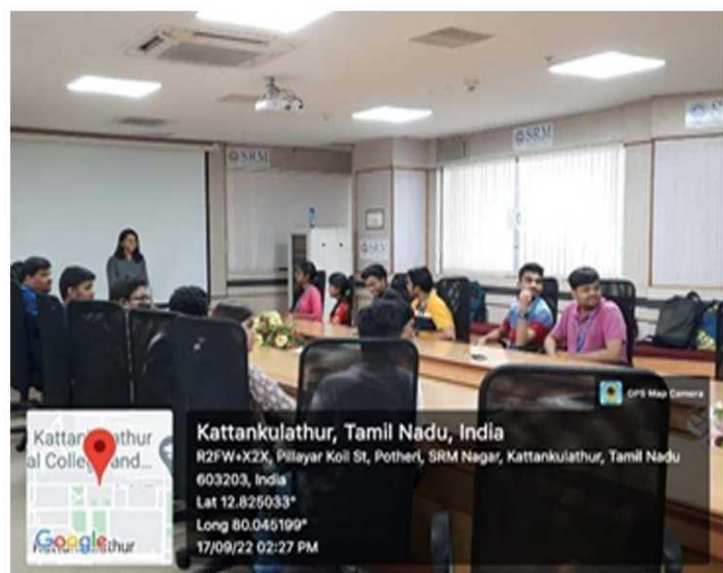
Dr.Metilda Florance, Dr.N.Bharathi

EVENTS

Other Technical Events

An Outreach Programme on "COMPUTER BASICS & ANIMATION TOOLS" was conducted on 09.09.2022 at Panchayat Union Primary School, Sattamangalam.

Conveners and Co-Conveners: Dr.Annapurani Panaiyappan.K, Dr.K.Deepa Thilak, Dr.K.Kalaiselvi, Dr.B.Yamini

Speaker: Mr.Chandran Subramaniam, Founder & Director, Cyberfort Digisec Solution Private Ltd.

Salamangalam, Tamil Nadu, India
R244+HPH, Sattamangalam Padappai Rd, Salamangalam, Tamil Nadu 603203, India
Lat 12.807046°
Long 80.005735°
09/09/22 03:32 PM

Kattankulathur, Tamil Nadu, India
R2FW+X2X, Pillayar Koil St, Potheri, SRM Nagar, Kattankulathur, Tamil Nadu 603203, India
Lat 12.825033°
Long 80.045199°
17/09/22 02:27 PM

A Counselling session on "Self - compassion - Dealing with self-criticism and making career choices" in association with ACM-W Chennai Chapter was conducted on 17.09.2022

Conveners and Co-Conveners:
Dr.M. Vaishnavi Moorthy & NWC Counselling Cell team

Speaker : Ms.Vidya Venkatesh,
M.A. - Tata Institute of Social Sciences (Banyan Academy of Leadership in Mental Health), Counselling Psychologist, Care in Crisis, Transdisciplinary researcher.

FDP on "Emerging Trends in IoT" was conducted from 19.09.2022 to 24.09.2022

Conveners and Co-Conveners:
Dr.L.Anand, Dr.M.Thenmozhi, Dr.L.N.B.Srinivas

Co-ordinators : Dr.C.Malathy, Dr.TYG.Nagamaleswari, Dr.S.UshaSuganaya, Mrs.Lavanya, Dr.A.Arun, Dr.Lakshminarayanan, Dr.Varun, Dr.Manikam, Mr.V.Nallarasan, Dr.Prabhakaran, Dr.Balasraswathi, Dr.Shobana, Dr.Radhika, Dr.Yamini, Mrs.Parimala, Mr.Joseph Raymond

Speaker : Dr.Bansood Prasad, Founder k4U Infotech, Dr.Suresh Babu, Professor NIT Warangal.


SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
School of Computing
Department of Networking and Communications
EMERGING TRENDS IN IOT

Kattankulathur, Tamil Nadu, India
Tech Park Building, SRM University, Potheri, SRM Nagar, Kattankulathur, Tamil Nadu 603203, India
Lat 12.824975°
Long 80.045474°
19/09/22 10:15 AM GMT +05:30

EVENTS

Other Technical Events

A Life Skill Workshop on "Entrepreneurial Skills and Attributes for Success of Startup" held on 17.09.2022 and 27.09.2022

Conveners and Co-Conveners:

Dr. M. Vaishnavi Moorthy, Dr. M. Pushpalatha

Speaker : Ms.Vidya Venkatesh, M.A. - Tata Institute of Social Sciences (Banyan Academy of Leadership in Mental Health), Counselling Psychologist, Care in Crisis, Transdisciplinary researcher.
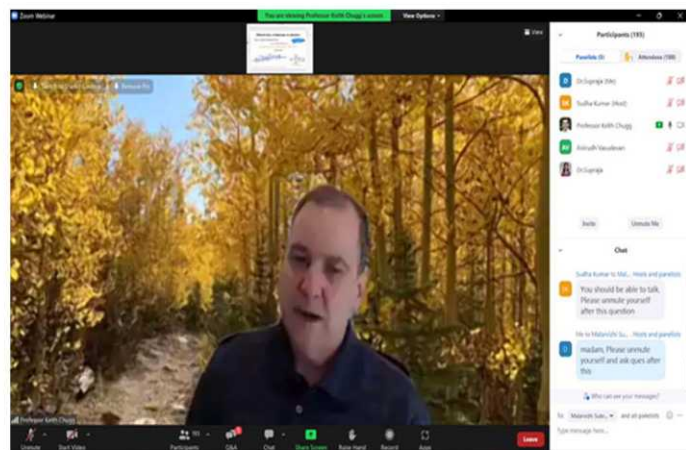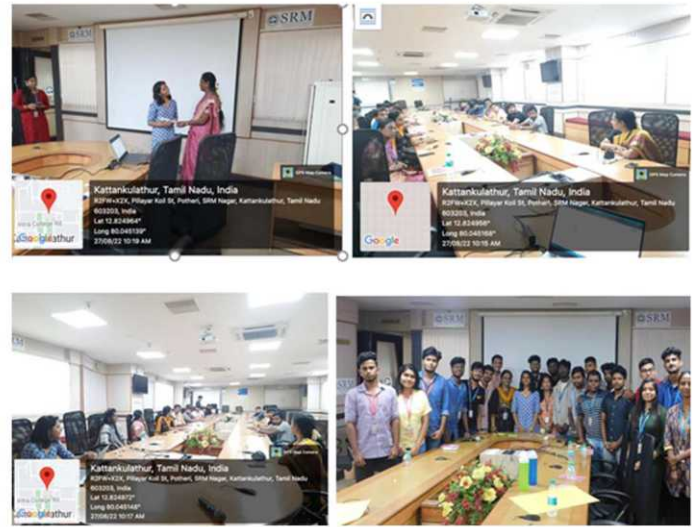
Spotlight on Research at USC Viterbi on topic "Algorithm and Hardware Co - Design in Deep Learning" held on 21.09.2022

Convener : Dr.P.Supraja

Speaker : Prof. Keith Chugg

Expert talk on " IoT AND TECH APPLICATIONS IN AGRICULTURE FOR NATION BUILDING" held on 26.09.2022 and 27.09.2022

Conveners and Co-Conveners:

Dr.A.Suresh, Mrs.D.Saisanthiya, Dr.Mary Subaja Christo, Dr.Thangarevathi

Speaker : Mr.Rajiv Sharma,
Founder and CEO, AgVysor Innovations LLP, Hyderabad.

EVENTS

Other Technical Events

A Seminar "Geek-o-philia" organized on 27.09.2022

Conveners and Co-Conveners:

Ms. K Meenakshi, Dr. Kayalvizhi Jayavel,

Ms. M. Safa, Dr. Savaridassan

Speaker : Naveen Karanamu, Zaid Ali Syed, Sitanshu Pokalwar, Rijul Sarji

A Motivation session on E-Content Development held on 28.09.2022

Convener: Dr.P.Balamurugan

Speaker : Dr.V.M.Gayathri

Workshop On Web Development held on 28.09.2022

Convener : Dr.L. Anand

Women in Tech-Open Mic Event on 06.05.2022

Co-Ordinator : Dr.Kalaiselvi

About the Event:

Women in tech is an exclusive club dedicated to empowering women through knowledge sharing and helping them enhance their skills in the field of technology., which is an open mic and will be open exclusively for women

EVENTS

SAP and Internship Oppurtunities
Cell Activities

US STEM FAIR held on 20.09.2022

Conveners and Co-Conveners:

Dr.Uma Devi and

Dr.A.Helen Victoria

Co-Ordinator :

Mr.Mark Khan,

Mr.Meahgan Jameyson,

Mr.Katherine Hugins,

Mr.Carrie Bowling

US STEM FAIR

SRMIST along with SEED Global Education organized a US STEM Fair at SRM Institute of Science and Technology, Kattankulathur on September 20 for Student Interaction (Presentations, Panel Discussion & Open Fair). It was an unique opportunity for students to meet face to face on campus with admissions directors of top-ranked US universities mentioned below offering STEM masters programs.

1. Columbia University - The Fu Foundation School of Engineering and Applied Science.
2. NYU Tandon School of Engineering.
3. Boston University - Graduate School of Arts & Sciences.
4. George Washington University School of Engineering & Applied Science.

EVENTS

SAP and Internship Oppurtunities Cell Activities

LoE Ceremony - GAIP NUS held on 23.09.2022

LoE Ceremony for the successfully completed GAIP-NUS summer Internship students in 'Data Analytics using Deep Learning' was held on September 23rd, Friday 2022. In the presence of SRM Officials and Corporate Gurukul team, students received their LoEs and also shared their internship experiences. As part of the event, Corporate Gurukul team proffered an information session to get information about the three programmes, SAP@NUS, SAP@NUS + Capstone with NUS and GAIP among the students. Students got an awareness about the internship opportunities and also met the previous participants of GAIP Summer 2022 and learnt about their experiences!

Conveners and Co-Conveners:

Ms.Safa, Ms.G.Saranya, Dr. Uma Devi and Dr.A.Helen Victoria

Student Interacion with LaTrobe - Australian University held on 29.09.2022

Cybersecurity students had interaction with the delegates to know about the research works,internship oppurtunities from LaTrobe - Australian University, thereafter the discussions with the faculty could be future looking to set up an agenda for joint working.

Conveners and Co-Conveners:

Dr.Elizabeth Jesi , Dr.Uma Devi and Dr.A.Helen Victoria

Speaker : Dr.Naveen Chilamkurti

"கேடில் விழுச்செல்வம் கல்வி யொருவற்கு
மாடல்ல மற்றை யவை."

"Kaetil Viluchselvam Kalvi Yoruvarku
Maadalla Matrrai Yavai."

பொருள்:

"அழிவில்லாத சிறந்த செல்வம்" என்பது கல்விச் செல்வமே; மற்றைய பொன் பொருள் மண் என்னும் செல்வங்கள் ஒருவனுக்குச் சிறந்த செல்வம் ஆகா.

Explanation :

Learning is the true imperishable riches; all other things are not riches.