



SMART SPRINKLERS

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Jan 2022



**SCHOOL OF
COMPUTING**





Computing Technologies NEWSLETTER

VOLUME 1 | ISSUE 2



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INTRODUCTION

Welcome to the second edition of Smart Sprinklers! Smart Sprinklers serves as the quarterly snapshot of CTech Department . We are starting out as a standard newsletter, but we have big plans for the future. Newsletters today are more about documentation than delivery, and our team aims to make searching through news, staying up to date an intrinsically enjoyable and rewarding experience. Within the upcoming weeks, we plan to make you, the reader, an active part of the escapade. How? All we can ask is for you to stay tuned!

SMART SPRINKLERS

From The SoC Chairperson's Desk



DR REVATHI VENKATRAMAN
PROFESSOR & CHAIRPERSON
SCHOOL OF COMPUTING , SRMIST - KTR

The constantly emerging new technologies drive us towards exploring innovative computing methodologies. To adapt to any new technology means we first need to understand its nature of computation and inferences, to practice and develop efficient methodologies. As an engineer in Computer Science and Engineering, one needs to assimilate theoretical computing concepts for a profound practical impact. The Department of Computing Technologies focuses on academic excellence in foundational courses of Computer Science, brain imaging, natural language processing, higher level of network computation, and so on. It aims to nurture the research activities revolving around the design and analysis of computational procedures, the theory of algorithms, and its complexity. The Department's keen focus is to make its students understand the math and logic behind every type of computation. We intend to provide early placement-training drives for our students. We also inculcate entrepreneurial skills in budding aspirants to pitch their innovative ideas through SRM Innovation and Incubation Center. Our International and alumni connect bridge the gap between the trio: academics -industry -research. The School of Computing strives to give an adaptable, gender-equitable education system and forward-thinking mindset in an era of disruptive change for its students. We look to fulfill their dreams as Meritorious Professionals of the future!

From HoD'S Desk



DR M PUSHPALATHA
PROFESSOR & HEAD
DEPARTMENT OF COMPUTING TECHNOLOGIES,
SCHOOL OF COMPUTING , SRMIST - KTR

Welcome to the **Department of Computing Technologies, SoC!**

I'm very delighted to pen this message for the second issue of our newsletter. Our mission includes a commitment to prepare students for professional and research activities with an ability to learn independently, work within a diverse multicultural environment to pursue a spectrum of careers, enabling them to become global leaders in their respective fields.

We strongly encourage innovation in research, in teaching and in service to the profession, the local community and industry. Our faculty and students are constantly striving to excel and to advance the state of the art in Computing Technologies. To the alumni, we are constantly anxious to hear from you on how we can further improve our program. I wish you all the students and faculty a long-lived, successful career path.

MEET OUR EDITORIAL TEAM

Bonjour,

Road trips require a couple of things: A well balanced diet of caffeine, water and sugar and an excellent selections of tunes and directions. Amazing! Sometimes the road you travel doesn't lead to the destination you had hoped for. But if you can look back on the trip and smile, then it was worth it. Our long journey also started with tiny steps. The Department of Computing Technologies strives hard to prove its excellence in 360 degrees by working around the clock. The concentration of constructing a smart digital road with computing stuff, where we believe it takes to the destination of rousing innovations supplemented to the mankind.

The Digital infrastructure sector needs investment of up to USD 23 billion by 2025, to support the growing demand of digital services and rising online traffic for connecting people online by 2025 in India. Few arousing domains in the field of Computing Technologies swear in Natural Language Processing, Theoretical Computer Science, Computer Vision and Accelerated Computing and what not without Artificial Intelligence.

Natural Language Processing: Proving the Art of the Possibilities with Natural Language Processing Research at the Dell Technologies- HPC & AI Innovation Lab is showcasing the art with deep learning for language-to-language translation and text-to-voice translation. This research is carried out by a data sciences team in the Dell Technologies-

Theoretical Computer Science: The intangible cornerstone of computer science -TCS covers a wide variety of topics including algorithms, data structures, computational complexity, parallel and distributed computation, probabilistic computation, quantum computation, automata theory, information theory, cryptography, program semantics and verification, machine learning, computational biology etc.

Computer Vision: Malik summarizes Computer Vision tasks as the 3Rs such as reconstruction, recognition, and reorganization. The consumer electronics show in Las Vegas is still the place to be for robots, autonomous vehicles, smart gadgets. Machine Intelligence into a consumer product, where computer vision lives comfortably in different flavors.

Accelerated Computing: All weather terrain' might well be a befitting description for the country's road sector needs large amount of data process. Weathering pandemic-induced twists and turns, the sector will see more stretches of National highways, completion as well as awarding of multiple projects and fund raisers in 2022.

Nevertheless CT Persists in all the domains!!!



We Work Hard in Silence; Let Success be our Traffic-Stream!

**B.Amutha& Crew,
Editorial Team-CTECH**



DR.B.AMUTHA

Professor

Editorial Director



DR.M.SUCHITHRA

Associate Professor

Editor in Chief



DR.B.KANISHA

Associate Professor

Editor in Chief



DR.D.SHINY IRENE

Assistant Professor

Editor in Chief

ABOUT THE DEPARTMENT



Computing Technologies Highlights

The future of Computing rests here. The department's mission is to advance, evolve and enhance Computer Science and Engineering fundamentals to build the intellectual capital of the society. The CSE Department Endeavour's to be an important regional, national, and international resource center for the development of Computing and its applications. The department is witnessing a period of exciting growth and opportunity propelled by the growth of technology and its recognition through excellence. CSE boasts a vibrant student body of undergraduate, postgraduate students and research scholars along with a stellar teaching fraternity.



Vision

To become a world class department in imparting high quality knowledge and in providing students a unique learning and research experience in Computer Science and Engineering.

Mission

- To impart knowledge in cutting edge technologies on par with industrial standards.
- To collaborate with renowned academic institutions in research and development.
- To instill societal and ethical responsibilities in all professional activities.



DEPARTMENT NEWS

CTech Department heartily Congratulate the PhD Awardees and the supervisors of the season

DR S POORNIMA

DR S JEGADEESAN

DR ABIRAMI

DR K DEEBA

DR K.R JANSI

DR S AMUDHA

DR P RAJASEKAR

DR J SHOBANA

NEW FACULTY SPOTLIGHT

CTech Department happily Welcomes the new faculties to the Team

- 1.DR. M. SINDHUJA , ASSISTANT PROFESSOR
- 2.DR. K. KISHORE ANTHUVAN SAHAYARAJ , ASSISTANT PROFESSOR
- 3.DR. U. KARTHIKEYAN, ASSISTANT PROFESSOR
- 4.DR. B. PANDEESWARI, ASSISTANT PROFESSOR
- 5.DR. MANOJ KUMAR RANA, RESEARCH ASST PROFESSOR
- 6.DR. C. MURALIDHARAN, ASSISTANT PROFESSOR
- 7.DR. T. RAGUNTAR , ASSISTANT PROFESSOR
- 8.DR. K. ALICE, ASSISTANT PROFESSOR
- 9.DR. D. SHINY IRENE, ASSISTANT PROFESSOR
- 10.DR. VEGESNA S M SRINIVASAVARMA, RESEARCH ASST PROFESSOR

"I can do things you cannot , you can do things I cannot ; together we can do great things"

- Mother Theresa

Notable Alumnus



R.MADAN MOHAN

CSE-2021

DIRECTOR AND HEAD OF SALES @TAKSHASHILA LIFE.PVT.LTD
BUSINESS DEVELOPMENT MANAGER, RINEX.AI

Mr. R.Madan Mohan, started his own start-up in 2021 named “**Takshashila**”. He has an authorized Certification Partners from IIT Kharagpur Ecell, IEEE, and Microsoft MTA. Takshashila is an edutech platform which is meant for the growth of all Engineering Students where they are able to upskill their technical knowledge in their respective domain.

Mr. Madan Mohan **recruited 10 students for the role of “Business Development Executive ”at 3 LPA CTC**. More students to be recruited for his new start-up Rinex. The tie up and collaboration with Takshashila was initiated by Mrs. Jayaprada.J, AP, Computing Technologies.

Special Professional Elective Courses

The special professional electives courses offer an opportunity to broaden and enhance the depth of knowledge that will serve the students throughout the professional lives. The students across the school of computing enthusiastically joined the courses for the weekend batches offered by the eminent guests from Industry and Higher Educational Institutions .

1. 18CSE303T Distributed Computing and System design

Mr.Pranjal Sharma, CMO, SkillVertex and alumnus of CSE department is offering the 3 credit elective course in tie-up with other Industry experts for the students of School of Computing.

2. CS1303 Probability and Computing

Dr. Aravindh from IIT Hyderabad and alumnus of CSE will be delivering the 1 credit course on “Probability and Computing” for the benefit of the students of School of Computing in the research prospects.

3. 18CSE304J Building Apps using Open Source AR and VR SDKs

Mr.Jagatheeswaran Senthilvelan , IoT and Robotics - Auxo Labs is the Visiting Professor (Industry Expert) for the Weekend Course offered to 5th and 7th semester students of B. Tech. CSE and its specializations .

E-CELL SRMIST

"A SINGLE PERSON DOESN'T CHANGE AN ORGANIZATION, BUT CULTURE AND GOOD PEOPLE DO"



Left - Members of E-Cell, SRMIST, **Right** - Dr. Revathi Venkataraman (Chairperson, SoC) [Center], Dr. M. Pushpalatha (HOD)[Right], Dr. J.D. Dorathi Jayaseeli (Assistant Professor, Academic Coordinator) [Left], Ms. Shrishti Gupta (Co-Founder) [Standing Left], Mr. Mayank Rai (Co-Founder) [Standing Right]

VISION

The vision of E-Cell, SRMIST is to influence and educate every single individual on entrepreneurship and give them every possible opportunity to gear up on the same. It's a fact that, as organizations go further, they learn from their mistakes. So, we as an E-cell will try our best to improve and grow as we go on and on.

MISSION

Our mission is to expand our network, conduct Educative events, Ideathons, and to develop a community of future entrepreneurs and leaders.

ACHIEVEMENTS

E-Cell, SRMIST was started by the students of batch 2024. E-Cell, SRMIST made it to the semi-finals of the NEC, a PAN India level competition conducted by IIT Bombay. Recently, E-Cell was ranked 7th among the top 10 performing Student-run entrepreneurial organizations on an all India basis, under NEC(Basic Track).

RESEARCH COLLABORATION

INDUSTRIAL COLLABORATIONS



- **Samsung PRISM (Preparing and Inspiring Student Minds)**

An Initiative by Samsung. A platform for Professors and Students to work on industry relevant projects in Cutting Edge Technologies along with R&D Engineers at Samsung Research Institute-Bangalore (SRI-B). The industry Collaboration was initiated by Prof. Dr. Ramarao and Prof. Dr.M.Pushpalatha is the SPOC for this tie-up.

45 work-lets has been sanctioned in phase 1- 3; 14 projects received Excellence Award of 900 usd , and 19 projects are ongoing . In phase 4, 23 projects are sanctioned and 8 projects are carried out by CTech faculty and students' team.

The areas of research engagement are: 4G/5G Networks - AI & ML – IoT/IoE, IoT Platform & Connectivity, IoT Products & Analytics, Dev Infra & Automation, Natural Language Processing, SW Quality Assurance & Efficiency etc.

- **Career Labs** - Powered by BYJU'S Learning App

INTERNATIONAL COLLABORATIONS

- **University of Missouri-Kansas City, USA** for joint research and educational activities
- **SATU Joint Research Scheme (JRS)** with Universiti Teknologi Malaysia, Universiti Tunku Abdul Rahman, University of the Philippines, National Cheng Kung University, National University of Kaohsiung and National University of Malaysia
- A Multi-National Company (MNC) called **PMX-INC** (www.pmx-inc.com), Seoul, South Korea has agreed for research collaboration with our Computing Technologies department. The Co-Founder & CTO of the company **Dr. Girish Srinivasan** is our Alumnus of SRMIST from 1998 batch of CSE. This research collaboration provides opportunities for joint research paper publication, patents for faculty members and ready to give internship offers to talented students. The Mutual Non-Disclosure Agreement (MNDA) will be signed between the PMX-Inc. and our CTech department in the month of Jan 2022.
- MoU with the University of Alabama, Huntsville (UAH) for 4+1 programme.

FUNDED PROJECTS

- Prof. Dr. E.Poovammal initiated a project work titled **“Performance improvement and GUI development of PINAK CODE”** and The Department of Atomic Energy, Government of India sponsored under the scheme of **BOARD OF RESEARCH IN NUCLEAR SCIENCES (BRNS)**
- A Proposal on **"Adaptive Placement Training Model to enhance the student Placement Opportunities using Cognitive-Transfer Learning (CTL) approach"** submitted under the AUAP Research Grant 2021 has been selected for Evaluation round. Only 40 proposals were selected globally and 3 from SRM have been shortlisted. This proposal was submitted by Dr.S.S.Sridhar, Dr.M.Pushpalatha, Dr. S.Ramamoorthy Dr.D.Rajeswari, Dr.PadmaVenkat(Public Health) and in collaboration with International Faculty Dr. Moses Glorino Rumambo Pandin Univeristas Airlangga, Indonesia.
- Project proposal titled, **"Interdisciplinary approach for Earthquake Disaster analysis, management and mitigation for civilized infrastructures and primitive tribal settlements in South Andaman region, India"** under evaluation by SERB for the fund of INR. 67,86,200 is submitted by Prof.Dr.Sridhar, Prof.Dr .R. Sivakumar, Dr.Snehasish Ghosh, Scientific Officer(Earthquake Research Cell), SERB.

CONSULTANCY PROJECTS

The good research coupled with industry experienced faculty will facilitate better consultancy to the industry and institutions. A glance of consultancy projects explored by our faculties:

- Dr.K.M. Umamaheswari, AP initiated a consultancy work on the project title **“ workflow integration for Signage Monster”** for the agency Signage Monster, with a sanctioned INR 30000.
- Dr. G. Abirami, AP, initiated a consultancy work for Chennai Engineering Software Sales Company on the title **“Designing 3D Applications using Free CAD tools for Manufacturing Company “** sanctioned for INR 35,400.
- Dr.R Renuka Devi , Mr.S.Vinoth, Ms.Maria Nancy AP, initiated a consultancy work on **“ To supply a system for proper data compilation and management to improve the TR”** for CFD Technologies Pvt Ltd., Vellore and sanctioned INR Rs.18000.
- Mrs.B.Sowmiya , AP, initiated a work on the title **“Develop Nearlikes Mobile Application with cloud Integration for android and IOS”** and INR 30000 is sanctioned.
- Prof. Dr Pushpalatha, Dr. C. Jothikumar, Dr Poornima, Mrs.Jayapradha AP ,initiated a consultancy work on **“ HR Analytics”** for INR 50000 from Integrum Technologies Pvt.Ltd.
- Dr.M.Uma Devi and Dr.M.Eliazer received acceptance for consultancy project work **“ MyAALUDRA (Intrasite) Scope Document “** with AALUDRA Technologies, Coimbatore .

Faculty Industry Immersion Program

- Dr Jothikumar , AP initiated Transfer of Technology(ToT) program from **Centre for Development of Telematics (C-DOT)**, an Indian gov. owned telecommunications technology development center for technology dissemination process . Dr Arthi B, Associate Prof. is the SPOC for the programme.

INTERDISCIPLINARY PROJECTS

Projects that can be learnt and communicated beyond laboratories and departments are portrayed herewith:

❖ **Prof.Dr. E. Poovammal and Mrs. B. Sowmiya** are involved in an interdisciplinary UWP project titled “AI integrated Chatbot for Health awareness - support system” School of Public Health Science and Department of C-Tech, School of Computing joined hands together for **UWP digital platform-** (University Wellness Program) .

❖ **Prof.Dr.M.Pushpalatha** and Dr.Vaishnavi Moorthy, developing an application for **"Mood analysis and recommendation system for smokers "** in association with Dr.Prakash, faculty of SRM public health.

PUBLICATION INSIGHT

During the period of **Oct 21' to Dec 21' , 44 Scopus indexed papers** were published and **21 publications are SCI indexed papers**. Within the 21 papers , **15 papers has more than 3 impact factor .**

Notable high impact factor publications:

- **Rajalakshmi, M., & Annapurani Panaiyappan, K.** (2021).

Multimodal architecture using Adapt-HKFCT segmentation and feature-based chaos integrated deep neural networks (Chaos-DNN-SPOA) for contactless biometric palm vein recognition systems. International Journal of Intelligent Systems. (IF : **8.709**)

- **Briskilal, J., & Subalalitha, C. N.** (2021)

An ensemble model for classifying idioms and literal texts using BERT and RoBERTa Information Processing & Management. (IF : **6.222**).

- **Asha, P.,Beulah, J. R., Sumathi, R.** (2021)

IoT enabled environmental toxicology for air pollution monitoring using AI techniques. research. (IF : **6.498**)

In the longer run and for wide-reaching issues, more creative solutions tend to come from imaginative interdisciplinary collaboration.

RESEARCH VERTICALS

1.VISUAL COMPUTING

Highlights:

- Two day FDP on **Augmented Reality & its Application** conducted on 3rd and 4th Dec 2021 by Visual Computing Research Group.
- **Mr. Jagatheeswaran Senthilvelan**, Lead - IOT & Robotics, Auxo Labs handled the session. This event was supported by **ACM- W** Chennai Chapter and 30 faculty members from the School of Computing participated in the event.

Topics covered: Introduction to Augmented Reality, Game Engines Unity , Unreal Engine, AR Functionalities, Motion Tracking AR Core SDK, Vuforia SDK, AR Interactions Operation, Bringing AR Core to life, Using Unity and Poly to create ARCore assets, Demo of working AR Application



International Project Initiative

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This proposal was submitted by Dr.S.S.Sridhar, Dr.M.Pushpalatha, Dr.S.Ramamoorthy, Dr.D.Rajeswari, Dr.Padma Venkat(Public Health) and in collaboration with International Faculty Dr. Moses Glorino Rumambo Pandin Univeristas Airlangga, Indonesia

2. THEORETICAL COMPUTER SCIENCE

Highlights:

Under the vertical, two talks were organised to upskill the faculty regarding the type of research activities that fall under the vertical and the resources available for carrying out research related activities.

A technical session was conducted on the topic, **"Theoretical Computer Science - Current Trends and Challenges"** by Dr. K. Senthil Kumar, AP, CTECH. The fields in Theoretical Computer Science that need to be explored were discussed in the meeting. A technical session on **"Introduction to Quantum Computing and Qiskit tool"** by Mr. Devendra, Research Scholar, CTECH was organized to enhance the fundamental knowledge in the domain of Quantum computing.



- An opportunity to collaborate with IBM for starting to work in the domain is explored. Major initiatives under the domain vertical are :
 - a. "Probability and Computing" is introduced as a special elective course with 1 credit. Dr. Aravindh of IIT Hyderabad will be delivering the course for around 30 students, School of Computing and Dr. Rajkamal is the internal course auditor.
 - b. DAA is offered as a teaching partnership program (TPP) in collaboration with Dr. Venkatesh Raman from Institute of Mathematical Sciences, for a set of 60 to 100 students.

3. ACCELERATED COMPUTING

Highlights

- Visit to IIITDM, HPC Lab to understand the Infrastructure facilities is organised .
- Interaction with IITM and CDAC HPC authority to know the functionality of Distributed and parallel computing infrastructure and the ongoing projects is arranged .
- A course on High Performance Computing is being registered by the members to know the insights of HPC as Accelerated Computing

Project Proposals Submitted

1. **"Shapley and LSTM based Model for Early Prediction of Landslide"**, DST/NGP/GSTD/2021/47 By Dr B.Amutha, P.Madhavan, G.Usha to DST.
2. **"Crowd Sourcing for Landslide Inventory Using IoT"** ISRO/RESPOND/2021 By Dr B.Amutha, Dr.Sivakumar,P.Madhavan, G.Usha
3. **"Forest Species Classification using two stage complex valued convolutional Neural Networks"** Indian Knowledge System – IKS –Indian Knowledge System, /IKS/2021 by Dr B.Amutha, Dr.Sivakumar, R.Niranjana, A.Revathi

A Special Elective course , **"Distributed Computing and System Design"** with 3 credit for the students of SoC in tie-up with Industry experts is offered by **"Skill Vertex"** , a start-up by SRM alumnus. **Mr.Pranjal Sharma , coFounder@SkillVertex,Bangaluru** is an outstanding entrepreneur and makes a record to place our student in peaks.



4. NATURAL LANGUAGE PROCESSING

HIGHLIGHTS

Internal faculty hands-on training program on Natural Language Processing was conducted on the 10th of December 2021 by the Natural Language Processing Research Group.



Dr.C.N.Subalalitha, Associate Professor, Department of Computing Technologies, SRMIST handled the session by giving hands-on training on NLP. 25 faculty members from the School of Computing participated in the event.

A website has been designed and hosted especially for the NLP vertical to showcase the research activities like inhouse projects, consultancy projects, patents, publications, the information related to natural language processing, and the faculty members working in this vertical. The website gives detailed information to the interested students and faculty members about the research being carried out. <https://tinyurl.com/NLPCTECH>

Invited Talks



Dr.B.Amutha , Professor

- Delivered a Lecture on “**Federated Learning- From Research to Practice**” in the FDP on Natural Language Processing and it’s Applications – A Hands on Approach on 22nd November 2021 at Department of CSE, VDP Campus.



Dr.C.N.Subalalitha, Associate Professor

- Talk on "**Discourse Analysis**" in an FDP at SRM VDP on 23.12.21
- An Invite talk on "**How Transformers have been used for Tamil NLP** " at Tamil Internet Conference 2021 on 3.12.21.
- An invited talk on "**Image processing Using Machine learning** " at SRM VDP in STTP on "Research Opportunities of Artificial Intelligence and Machine Learning in Image Processing and Analysis on 1.12.21.
- A Hands-on session on "**Recent Trends in Natural Language Processing** " at GH Rasoni Institute of Science and Technology, Nagpur on 29.11.21.
- A Hands-on session on "**Recent Advancements in Natural Language Processing** " at NIT Trichy on 25.11.21.
- Talk on "**How RNN and LSTM work as Language Models**" at IIITDM Kancheepuram on 27.10.2021.
- Talk on Natural Language Processing in a webinar series, "**What is trending in Computer Science 2021**", conducted by Bharathi Women's College, Chennai on 06.10.21.



SIIC - NewGen IEDC PROJECT GRANTS

- **Mrs.K.Sornalakshmi** Research Associate was sanctioned a fund of 1,65,000 INR for the Project titled, "**Application Security**" and received the First Installment of 70,000 INR.
Student Members: **Shamunesh P, Jerome & Shalin N**
- **Mrs.K.Sornalakshmi** Research Associate, was sanctioned a fund of 1,80,000 INR for the Project titled, "**Rhythm Monitor**" and received the first installment of 84,900 INR
Student Members: **Ashwin Raja, Viveka M, Charu Khemka**
- **Dr.P.Selvaraj**, AP with 9 team members including 5 students from CTECH dept. and 4 students from ECE dept. initiated a project titled, "**Intelligent IoT based affordable petroleum soot separator for machines, vehicles and other industrial equipment**" with a estimated budget of 2.25lakh.
- **Dr. R. Rajkamal , Associate Professor**, was sanctioned with a estimated budget of 2.25lakh for the Project titled, "**Sea Border Security Alert System**".
Student Members: **G. Vibhukumaran, Suraj ARS.**

Intellectual Property Rights(IPR)

In this calendar year 2021, 6 Patents were granted to CTech faculty members. Out of 6 patents, three are Indian patents and three patents were Australian Patent. CTech faculty members are filing patents in top-notch research domains such as in IoT, Machine learning, Deep learning, Sensor development, Image processing, etc.

S.No	Staff Name	Title of the patent	Year of Award	Patent Agency
1	Dr.M.Thenmozhi, Dr.G.Niranjana	Profile Based Digitization of Medical Records in Cloud	2021	IP Australia
2	Dr.R.Rajkamal	IoT and Driven Controlled Environment Agriculture in Greenhouse	2021	IPR, India
3	Dr.M.Aruna, Dr.B.Arthi	Machine nLearning Based Network Intelligentization for Automatically-configurable Cellular Communication Systems	2021	IP Australia
4	M.Karthikeyan	An Artificial Intelligence and IoT Based Method for Prevention of Security Attack on Cloud Medical Data	2021	IP Australia
5	Ms.Saranya.S, Dr. G.Usha & Dr.P.Madhavan	An IoT based Health Monitoring System	2021	IPR, India
6	Mr.K.Karthikeyan, Dr.P.Madhavan, Dr. G.Usha	Deep Intelligence Video Surveillance using Edge Intelligence Techniques	2021	IPR, India

FACULTY CORNER

Faculty Upskills(Teaching)

1. Dr.S.Ramamoorthy and Dr. M.Kowsigan has completed Oracle - Cloud Infrastructure Developer Industry Certification in Dec.2021
2. Dr.G.Niranjana, Dr.K.M,Umamaheswari and Dr.P.saranya attended a 4-weeks faculty outreach program conducted by Department of Space,ISRO , Govt. of India during 27th Sep.2021 to 22nd Oct. 2021 and cleared the certification
3. Dr.K.M.Uma Maheswari, Dr.G.Niranjana and Dr.P. saranya have attended a Five days FDP on fundamentals of Deep Learning from NVIDIA DLI and cleared the industry training certification .
4. Mr.M.Karthikeyan has completed Oracle- Cloud Infrastructure Foundations Industry Certification in Dec.2021.
5. Dr.S.Babu, Associate Professor / CTech has completed Oracle- Cloud Infrastructure Foundations Industry Certification in Dec.2021.
6. Mr.S.Saminathan has completed Google IT Support professional certification in December 2021.
7. Mrs.D.Viji has completed Foundations: Data, Data, Everywhere by Google and Machine Learning Foundations: A Case Study Approach certification in December 2021.

CSEDU : Certificate Program in Computer Science Education

CSEDU program is a certificate program intended for teachers of Computer Science in public & private universities and colleges in India. The program aims to improve Computer Science teaching by improving the teaching capability of teachers in important subjects/courses in Computer Science. The modules are taught online over a duration of about 12 to 15 weeks. The program is conducted by **IIIT-Delhi ("Supported by ACM India")**. The following is the list of faculty members undergoing the courses.

i) Data Structures and Algorithms Program

1. Ms.M.Vaidhehi
2. Ms.R.Brindha
3. Dr.C.Pretty Diana Cyril
4. Ms.P.Saranya
5. Dr.C.Sindhu
6. Ms.P.Renuka Devi
7. Mr. Sibi Amaran

ii) Computer Networks Program

1. Dr.V.Deepan Chakravarthy
2. Dr.P.Madhavan
3. Dr.S.Babu
4. Dr.B.Baranidharan
5. Dr.G.Usha
6. Mr.K.C. Prabu Shankar

iii) Statistical Machine Learning Program

1. Mrs.D.Viji

Faculty Upskills (Programmer)

1. Ms. R Narmatha has successfully completed the 15 Hours of online live course on **“Python”**
2. Mr. Sasidharan T has successfully completed the **“CCNA Routing and Switching – The Easy Certification Guide”** with certificate of Brilliance.

Training Programme Organized

Title of the professional development program organised for Teaching staff	No. of participants
3 Days Faculty Development Programme On Aligning Artificial Intelligence with Industry Needs	122
SRM Gateway for AWS Series 1 Developing and Hosting a serverless web application using AWS Services	179
RECENT ADVANCES IN DEEP LEARNING FOR NLP	110
DATA STRUCTURES AND ALGORITHM BY INDUSTRY EXPERT	50
Importance of Research and Practical way of Studying	87
How Covid19 is redefining your job...?	91
Brilliant ways to balance scholarships for the Masters & Career opportunities?	113

STUDENT ACHIEVEMENTS

Student Honors

Asmi Shanvi got selected in Google Women Techmaker (Feb 2021) among top 200 students. Out of 27000+ applications she was eligible for 50% scholarship.

RA2011003011095 **Asmi Shanvi**



In June she got selected for Internshala Student partner. In Dec 2021 she became campus ambassador of International Model United Nations Association.

RA2011003011097

Samreen Akhtar



Sponsorship member in the SRM HACKATHON CLUB. She has been involved and participated in the non tech event **"DECEMBER TO REMEMBER"** to help orphanage children.

She has completed the Introduction to C++ course from coding Ninjas and also she has earned hackerrank cpp 5 star.

SAP(Semester Abroad Programme)

SRM CTECH students Adhiraj Bhagawati and Rohit Ramesh went to UC, Davis for pursuing SAP during September to December 2021. Now, returned back after completing the courses.



Rohit Ramesh outside the Memorial Union. (courtesy photo)

Ramesh and Bhagawati both enrolled in the GSP program to help with their graduate school applications. “The Global Study Program is a significant boost to our application. We were able to choose courses that will complement our graduate studies.” says Bhagawati, who plans to pursue a career in game design and interactive media.

SRM CTECH student Anant Vishwakarma from CSE 3rd year I1 section is currently pursuing SAP in UC, Davis.



HACKATHON Winners

- **Devansh Goswami**, fourth year, associated with SIIC, worked for the Chengalpattu police department under the deputy commissioner and developed a mobile application and a web based dashboard for tracking Police Cars.
- **Ishikanagar**, fourth year, joined Batingo11 and developed their website from scratch.
- **Shashwat Gupta** third year, secured a position of top 10 in "Hack the mountains 2.0", which was organised by Sudans Technocraft foundations.
- **Ankit Hans, Adit R Patel, Karthick Bansal and Aryamaan Pandey** won 3rd place among 5500 participants and bagged a cash prize of Rs 60,000 in the Hackerramp conducted by Myntra
- **Khushi Arora, Aryan Malhotra, Anweasha Saha, Mohammad Hasan lutfy** from III CSE participated in the project contest(Hypertext Assassins) and developed a Chess Game, secured Second Position and received a Cash Prize Award of Rs. 10,000/- . They also got a free subscription to Scrimba and Code Academy Account.
- **Rishit Saraf** III Yr student, bagged the technology scholarship powered by Bertelsmann for Microsoft Azure Cloud architect Nano degree worth \$1000

- **Vivek Kumar Singh and Karimella Chakravarthi Viswanath** of III Year Students won Inter-national level Honourable Mention - New App and received cash Prize of \$1000 in AWS Graviton
- **Shreya Shuklah** of III Year Student got 3rd Rank in National level Innovation Cafe Hackathon organized by Hindustan Unilever Limited and received a cash Prize of Rs. 25,000.
- **Suvodeep Saibal Sinha, Naman Jain and Abhijeet Gupta** got 3rd rank in the International level event Bit by Bit and also received cash Prize of Rs. 2500 at IIT Bhagalpur
- **Ananya Negi** participated in Flipkart GRID, and Qualified the technical round of Optum stratethon and received the summer internship from Optum for 2022(stipend per month 35k).
- **ANKIT HANS, ADIT R PATEL & SAGNIK BISWAS** of III Year Student, got 1st rank in the event UIDAI Hackathon and received a cash prize of Rs.3,00,000.
- **ANKIT HANS & ADIT R PATEL** of III Year Student, got 3rd place in the event Myntra Hackathon and received a cash prize of Rs. 60,000.
- **Ruchika Goyal** has achieved top 5 in the National Level Competition in the events titled MTA Badge, Pitch Perfect - Hackathon , Reliance Quiz-a-thon
- **Ashna Bahl & Shubham** has achieved 889th rank in the National Level Competition for the event titled Newton's Coding Challenge.
- **AKSHAT KUMAR TIWARI, Rajmun Khan & Puneet Tiwari** got 3rd prize int the event Web I/O Project Competition and Bootcamp organized by IEEE CIS SBC - GHRCE and received cash prize of Rs.5000.
- **Anweasha Saha** got 2nd prize int the event Web I/O Project Competition and Bootcamp organized by IEEE CIS SBC - GHRCE and received cash prize of Rs.10000.
- **Aryan Singh,Aaditya Prakash & Deepak Kumar** got Runner up(7th Position) in the event Route Mobile RAPID Hackathon organized by RouteMobile and received a cash prize of \$ 500.
- **ARYAMAAN PANDEY** of III Year Student, got 3rd place 2nd Runner up in the event Myntra Hackerramp 2021 and received a cash prize of Rs. 60,000.
- **Mohammad Farhan** of I Year Student, got Internship (Graphic Design and Animation Intern) from Inventphile Ventures Pvt Ltd and received Rs. 60,000. • Mohammad Farhan of I Year Student, got !Internship (Design Intern) from WALFIN TECH PRIVATE LIMITED, Bangalore.
- **Sahana Bharadwaj** of I year C2 Section participated in SHURU 2021 on 30/10/2021 and won second prize in mono acting.
- **Sreyom Sresaan Nayak** participated in DEVFEST 2.0 - Hackathon by BITS GOA.
- **Akshat Khare and Pranjal Patel** 3rd year students under the guidance of Prof. Dr. S. Suresh, is presenting the Paper Titled” Covid Pneumonia Prediction Based on Chest X ray Images Using Deep Learning” in International Conference on Communications in Seoul, Korea to be held during 16–20 May 2022 in hybrid mode.

- E-Cell, SRMIST (**Mayank Rai**-Team Lead) was awarded National Rank 7 in the list of top 10 student run entrepreneurial groups in India under the NEC(National Entrepreneurship Challenge) under basic track by E-Cell, IIT Bombay.
- **Gaurang Agarwal** was the winner of Ideathon ZOOMFEROUS & was awarded by Coding Club Assam Engineering College.
- **Ahmed Mohammed** was awarded for his IMBALANCED MACHINE LEARNING BASED TECH-NIQUES FOR BREAST CANCER DETECTION as best paper by Manakula Vinayagar Institute of Technology.

Sports

Our SRM IST **Badminton women's team** got **Bronze medal** in the South Zone inter University tournament held at Rayalaseema University Nandhyal and qualified for the All India Inter Zonal Inter University Badminton tournament to be held at Chandigarh University in the last week of January 2022



Amokh G Nair, first year student of CTech Department, SRMIST won the AIU(Association of Indian Universities Team) SOUTH ZONE INTER UNIVERSITY **TABLE TENNIS CHAMPIONSHIP** 2021-22, Reva University, Bangalore



Malvika Bansod ,got selected to represent India for the **BWF Sudirman Cup** in Finland and **BWF Uber Cup** in **Denmark** . She won the **All India Senior Ranking Badminton tournament** at **Hyderabad** and **won the Bronze medal** for **SRMIST** at the South Zone Badminton tournament. She also **won against** Former world number one Saina Nehwal at the BWF India open super 500 tournament in Delhi, only the **second Indian** to do so **after PV Sindhu**.



PLACEMENT NEWS

Placement Gist

The Training and Placement Cell functioning in the Computing Technologies department entrusted with the responsibility of guiding students for placement in credible organization. We ensure that the students are trained according to the requirements of the industry before they appear for the campus placement. We ensure that a student will be provided with maximum Interview exposures till he/she gets placed. We have developed very good relations with the corporate world throughout India

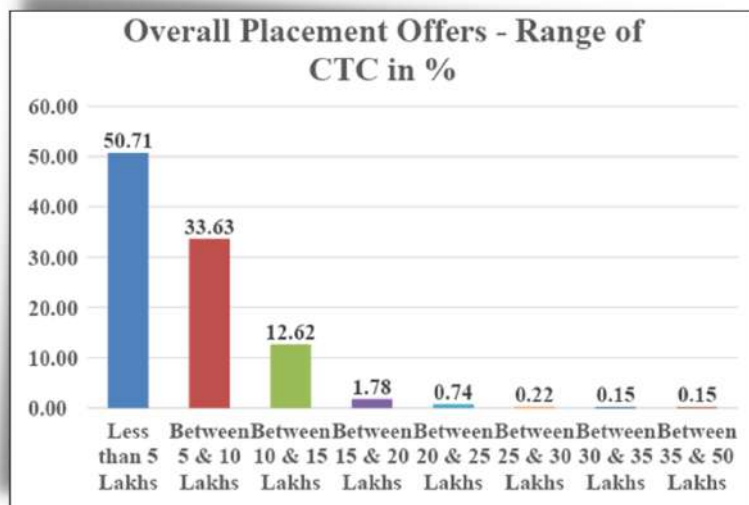
A glance of placement-2021:

Average CTC:- 9.4 LPA

Highest CTC:- 42.57 LPA



PLACEMENT STATISTICS (2018-2022 BATCH)





Aman Ojha
CSE
Amazon, 20 Lakhs



Anish Mookherjee
CSE
Amazon, 29 Lakhs



Ashish Agarwal
CSE
Amazon, 30.57 Lakhs



Sarthak Saxena
CSE
Amazon, 30.31 Lakhs



Shivang Tripathi
CSE
Amazon, 20 Lakhs



Chirag Gomber
CSE
Wells Fargo, 20 L



Krishna Kumar
CSE
Play Simple, 20 L



Nitesh Nijhawan
CSE
Paypal, 23.75 L



Ruchir Nakra
CSE
Paypal, 23.75 L



Anulyan Asokan
CSE
Paypal, 23.75 L



Utkarsh Mehrotra
CSE
Amazon, 29.36 L



Arpit Sharma
CSE
VM Ware, 20 L



Devangi Das Purkayastha
CSE
VM Ware, 20 L



Harsh Goel
CSE
F5 Networks, 25 L



Avi Gautam
CSE
Amazon, 42.5 L



Apoorv Garg
CSE
Amazon, 42.5 L



Anurag Mishra
CSE
Morgan Stanely, 25.91 L

**17 MARQUEE OFFER PLACEMENTS FROM AMAZON, PAYAL, PLAY
SIMPLE, WELLSFARGO. VMWARE, F5 NETOWRKS & MORGAN
STANELY**

C TECH ASSOCIATION

Association of Computing Technologies plays a vital role in covering technological knowledge above and beyond the one imparted in classrooms. Backed up by eminent organizations, these student-led teams come up with innovative ideas and conduct interactive sessions and events monthly. It is renowned for conducting Hackathons to help students be better developers while working on product development and management, for organizing Competitive Coding Events to promote Competitive Programming, and most importantly for organizing beginner-friendly workshops and webinars to help those new to technology grasp various technical concepts with ease.

Few in a frame:

- Industrial expert talk on “How to Choose Your Career Path” on 16th October by our resource persons : Mr.Rahul Gupta and Mr. Prakhar Agarwal
- An interactive session on “Data Analytics and Machine Learning Through Zero Coding” on 24 th November for open source machine learning, data visualization, and analysis tool.
- Industrial experts talk on “Industrial Talk on New Frontiers of the IT World” by Mr. Ruzbeh Percy Amrolia on 25th November. It was a wonderful session with prompt answers for the questions: What does economic transformation look like? Are women in developing countries ushering in a new wave of innovation?
- Industrial expert talk on “Webinar on Crypto and Block chain” was held on 27th November 2021.

The session described Open interest and the total number of outstanding contracts in the bitcoin market to rise despite the recent crypto sell-off.

CTECH CLUB



Technical Clubs and Communities attached to the Department of Computing Technologies play a vital role in covering technological knowledge above and beyond the one imparted in classrooms. Backed up by eminent organizations, these student-led teams come up with innovative ideas and conduct interactive sessions and events monthly. Clubs at SRM IST are renowned for conducting Hackathons to help students be better developers while working on product development and management, for organizing Competitive Coding Events to promote Competitive Programming, and most importantly for organizing beginner-friendly workshops and webinars to help those new to technology grasp various technical concepts with ease. Few in a frame:

- **Coding Ninjas CLUB**
- **Microsoft Learn Student Ambassadors SRM**
- **Google DSC SRM**
- **Data Science Community SRM**
- **Guvi Code Camp**
- **IEI Student chapter**

CLUB EVENT HIGHLIGHTS

Portfolio creation webinar - A webinar for portfolio creation from scratch was held on 17th July with speaker Shreyan Kashyap, SE at PayPal and a former alumnus of SRM University Chennai.

2 day **LinkedIn bootcamp** with speaker Mr.Maheen Jaiswal, a public speaker, LinkedIn consultant and former data scientist intern at nokia held on 24th and 25th October 2020.

A training session on GitHub and other advancement themes with speaker Raveena Bhasin, top woman contributor of GSSoC'21 held on 3rd October 2021 .

Big Bang is an event conducted by Coding Ninjas club . The event was organized on 18th September with 1200 participants ,which helps in gaining technical and non-technical followers. Incharge of the event: Harit Kharb, Garvit Sharma, Nimish Yadav
Convener: Dr.M.Uma Devi .

That's what she said was conducted on 3rd October ,and 600 participants helped to gain technical followers. Ms.Raveena Bhasin was the speaker of the event.

Demystifying SRM 2.0 is an event conducted by Microsoft learn student ambassador club, SRM institute of science and technology. The event was organized on 23rd October with 250 participants which gives the freshers an exposure to campus life at SRM. The faculty In-charge of the program was Mr.Sibi Amaran, Asst.Prof/CTECH. Jugal Lad and Aryan Sinha were the student incharges.

Techtober is not an event, it is a season of independently created events, all displaying the innovative energy that drives discovery and entrepreneurship, all celebrating technology, creativity or the energy of startups, conducted on 2nd and 3rd October. Harshil Agrawal, MLH Fellow, Developer Advocate at n8n.io and GitaAlekhya Paul MLH Fellow, GitHub Extern '21 were the speakers of the event



PARTNER EVENT: DOJOKO'S INTERNATIONAL

TECH CONFERENCE

A very informative global student tech conference was held by Dojoko Pvt. Ltd. on 4th De-cember 2021 gives an idea how machine learning can boost cryptocurrency trading .It also makes a network with experts and students in the global tech community. Dr. Ali Shahed , Principal Data Scientist At Freedom Financial Network-USA California, Nicolas Carrara, Co-Founder & Research Scientist at Myrill.io-Nancy, France, BachirArif ,Co-Founder & Blockchain Expert at Myrill.io-Nancy, France, Sidrea Mobeen, Agile Delivery Manager at Vodafone, United Kingdom were the speakers of the event.



PARTNER EVENT: NEWTON SCHOOL'S CODING CONTEST

Newton's school conducted India's premier Coding contest. People got to demonstrate their coding skills and win cash prizes gift vouchers worth Rs. 30,000. The participants were offered a free exclusive webinar, direct job interviews, free coding courses and direct internship opportunity. Mrs.S. Priya and Ms.Sheet Patel were the conveners of the event

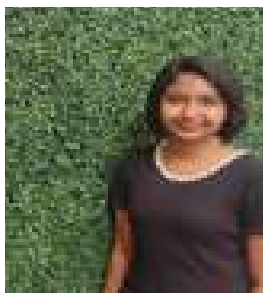
ALUMNI NEWS

Our Alumni stand out for their professional accomplishments, contributions to their communities including our department and beyond.

We recently caught up with Dr. Girish Srinivasan , Co-Founder & CTO , Phenomx, who is an alumnus 1998 batch. He accepted offers of Online Internships for students in the field of Medical Imaging and Solutions.

We are proud to say that our alumni have also acted as instruments of change wherever they have been and apart from sincerity, hard work, brilliance , they have contributed toward our department by actively engaging the students, in motivating them through mock interviews

Few are framed out here



A mock interview with our Final and third year students on 03/12/2021 by **Niketha Anand** – 2020 Batch , Data Engineer, Verizon, India. depicted the nuances of Interview skills, working principles in core and IT sectors. The attendees got a look and feel of real life, panel discussion with our alumni who came forward to coordinate with us in preparing our students for their placements. Students gained the experience of attending an interview.



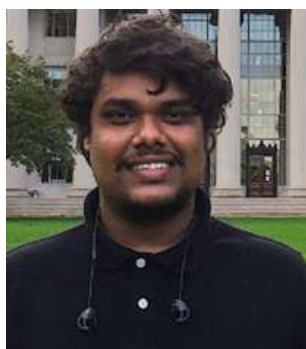
Er. Ishank Vasania– 2019 Batch, Software Engineer Dell Technologies, India. individually evaluated the performance of all the students and commented on their mistakes through a mock interview held on 3rd December 2020, Friday from 06.30 PM to 8.30 PM. Students are extremely benefited by analyzing their strengths and weaknesses through this mock interview. They also identified the Do's & Don't in interviews.



A Mock interview for Final year students on 4th December 2020, Saturday from 9.30 AM to 11.30 AM by **Baha Ur Rehaan** – 2019 Batch, Software Engineer, TCS, India. through online mode. Er. Baha Ur Rehaan individually evaluated the performance of all the students and commented on their mistakes.



Tanya Sinha – 2020 Batch, Developer (Database Administrator), Tata Consultancy Services, India. conducted a Mock interview for Final year students on 10th December 2020, Friday from 11.30 AM to 2.30 PM through online mode.



Rohan Banerjee
2020 Batch Data
Scientist Dell
Technologies, India.



Astha Upadhyay
2020 Batch
Software Developer
Qualcomm, India.



Ms. Shrija Banerjee
2020 Batch
CSE-2018, Junior Product Manager
Siemens Digital Industries, Germany



Mr. P.M. Sushant Garg
2020 Batch
Data Scientist 2,
SWVL, DUBAI, UAE



Blessin George
CSE – 2021



T R Rohith
CSE – 2021

Software Development Engineers, CTO's office Bajaj Finserv Health

Blessin George Varghese and T R Rohith, Software Development Engineer CTO's office Bajaj Finserv Health had a talk on “Internships and hackathons to boost your career”. Both were winners of Smart India Hackathon 2019 and Winner of Smart India Hackathon 2020. The talk opened with the skill set required for cracking various hackathons.

We appreciate our Alumni Team: Mrs Jayapradha J, Dr. M. Uma Devi, Dr. Deeban Chakravarthy, Dr. Selvin Paul Peter, Mr. R. Subash for their sincere efforts to arrange the above talks

“As we express our gratitude, we must never forget that the highest appreciation is not to utter words, but to live by them.”
- John F. Kennedy

PANEL DISCUSSION

A list of panel discussion was scheduled for the department students to motivate them in Career opportunities and Challenges-Employment, Entrepreneurship and Higher Studies perspective. Few in a glance



A panel discussion on “Career opportunities and challenges” was held on 2nd October, by our alumnus Ms. Shrija Banerjee, CSE-2018, Junior Product Manager, Siemens Digital Industries, Germany as part of the Alumni Connect Series. She addressed the career options and opportunities after higher studies part of it and shared her experiences and a few methods to overcome obstacles to land a job successfully.



A discussion on “Tips about entrepreneurship and growth hacking covering different aspects of Entrepreneurship” on 14th November by Mr. P. Sai Pranay, Board Member, Scholaa, Bangalore. The speaker gave heads up in Career growth and clarified many doubts arising by students.



Mr. Somye Lata, CEO and Co-Founder of SkillMx Academy, was a panelist at an Alumni Conclave on "Career Opportunities and Challenges from Higher Studies, Employment, and Entrepreneurship Perspective" who dedicated his life after graduating from SRMIST to becoming a successful entrepreneur, manager, and salesman. On October 2nd, 2021, he gave a talk which covered various aspects of entrepreneurship and its development. He discussed the most recent trends in entrepreneurship, business marketing, business expansion and growth, and financial management.



Shivam Saraswat, currently working as a Software Engineer (L1) at one of the major Travel technology companies, Amadeus Software Labs, is one of the panel members in a panel discussion that happened on 2nd October, 2021. The panel discussion was moderated by Dr. S.S. Sridhar, Professor/Dept. of Computing Technologies, with 4 members in the panel.



An interesting session on “Thinking about scalable software” was addressed by Mr. VARUN TANDON, CSE – 2020, Software Engineer, PayPal, on 2nd October 2021. His work predominately focuses on backend engineering within the privacy domain. He is a continuous learner and has done more than 2 dozen MOOCs from various platforms. Taking real world examples of companies like Google, PayPal, Swiggy, etc., he explained concepts like latency and availability.



An Alumni talk on “How to pursue careers in management after B. Tech” was held on 2nd October, 2021. The Speaker Sampanna Purshottam Bhutada, B. Tech CSE Batch of 2020, is working as an Assistant General Manager at Star Pipe Products since June 2020. He is also associated with ISB Hyderabad MBA-Young Leaders program Admit. The discussion was focused on pursuing management as a master's degree after B. Tech. He covered a variety of topics, starting off with discussing his personal journey towards an MBA acceptance to the top colleges of India.

SRM ALUMNUS TESTIMONIAL

I am Vaibhav Sharma, a Graduate student from Concordia University- Montreal, Canada. I am honored to be an alumnus of the prestigious University that is SRM. I pursued my BTech from the University during the tenure of 2014-2018 in Computer Science and Technology. My experiences at SRM made me feel inclusive of Chennai's diversity and culture while working with the cutting edge technologies in the labs gave me a lot of professional experience.

I quickly started out as a System Engineer at Siemens Technology and Services post successful completion of an Internship at the same organization. My programming skills, which I gained at SRM, were of great help. I was then offered a role as a Team Specialist at HCL Technologies to introduce Agile Project Management Methodologies. The same was only possible because of my Technical Competency that I gained learning courses like Software Engineering at SRM.

I was elated to learn that the campus offered so many programs for graduates to excel even further while pursuing higher studies. This was why I decided to join one such program to get high scores in GRE, TOEFL and IELTS exams simultaneously.

SRM bears quite some reputation when it comes to International Universities and that is partly why I got a lot of offers from some of the very best Universities in the world to pursue my dream degree. I am forever indebted to SRM for its wholesome courses and supporting faculty and I know for a fact that I made the right choice choosing SRM 8 years ago.

EVENT REVIEW

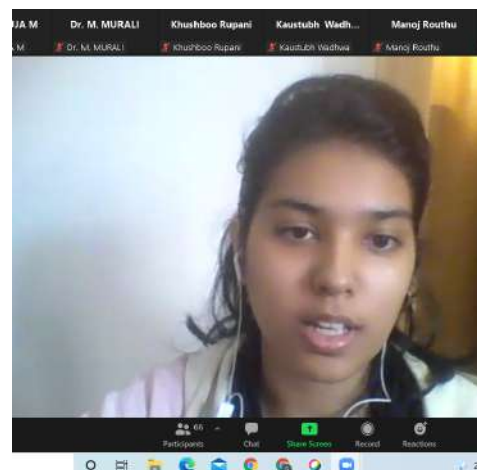
OUTREACH PROGRAMME

10 week hands on workshop titled, "Effective Teaching Methodology and E-Content Development" for School of Nursing Teaching Fraternity on 16th December 2021

Workshop was inaugurated on 09/12/21, by the Dean School of Nursing, Vice Principal School of Nursing, Prof.Dr. B. Amudha, Professor Department of Computing Technologies. Dr. A. Murugan, started discussing the key items on preparing a PowerPoint presentation. Convenor: Dr.M.Pushpalatha HOD/CTech Speaker: Dr.A.Murugan Co-ordinator:Dr.K.Vijaya

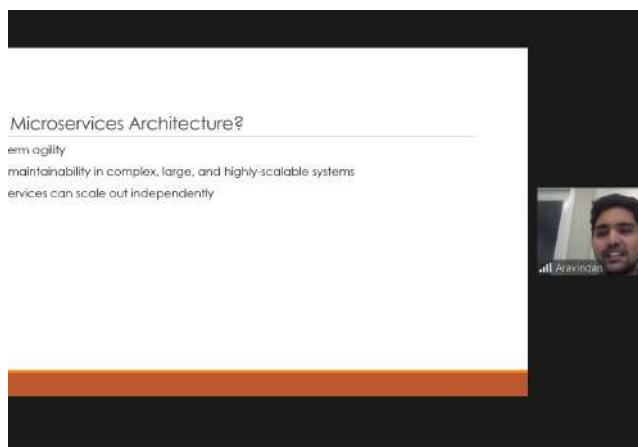


A seminar was conducted on the topic, "**How I walked the walk to Entrepreneurship**" to II and III Year students. The objective of the session was to explore the entrepreneurial opportunities that exist around us. The speaker has motivated the participants by sharing her own experience in bringing up a start-up which inspired the participants. It was an eye opener for many of the participants. We thank our Convenor: Dr. M. Murali Speaker: Ms Kushi Khandelwal



WEBINARS

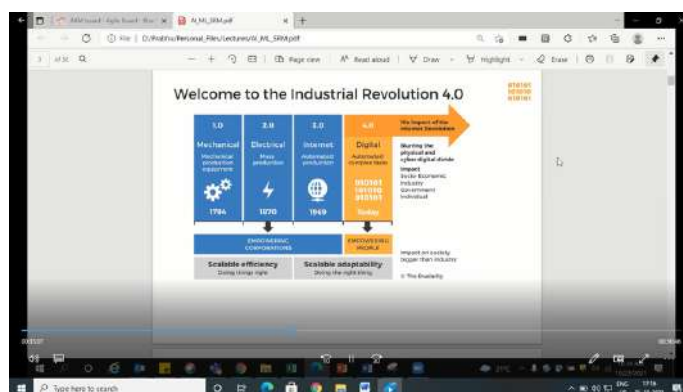
The event Webinar titled on “**Overview of Cyber Security** ” was conducted for the II-year students on 02.12.2021. The Speaker has outlined the basic knowledge and pre requisites on the domain Cyber Security. The Speaker during his presentation / deliverables, has been focussed on the skills which are required / essential for the aspiring students before stepping into the domain.



The event Webinar titled “**How Docker and Kubernetes can help on designing the Microservices Architecture**” have been arranged for the II-year students on 17.12.2021. The event was convened by Dr. R.Manjula and co convened by Dr. U. Karthikeyan, Dr. S. Gnanavel, Associate Professor, Dr. Kishore Anthuvan Sahayaraj, Mr. Aravindan Balaji

IET Sponsored Three DAYS workshop on “**Blockchain Technology for Industry 4.0**” and its Research Areas & Career opportunities was organised on 21st – 23rd OCT 2021. This program is intended to provide opportunities for students, faculty and research scholars and industrial persons for upgrading their knowledge and acquiring practical skills through hand-on training in the area of Blockchain Technology.

“**DevOps for Beginners** ” workshop addressed the domain of building blocks models to support the sustainable development process on 18th and 19th October 2021.



Dr. M. Suchithra and Dr.B.Kanisha organized a Placement Talk on, “**Reaching another Milestone: JOB**”, a special talk delivered by the final year students Mr.Srivatsan and Ms.Smitha, who acquired a placement offer from the companies AMAZON and Barclays respectively. The beneficiaries are the unplaced and third year students.

Saturday Talks

Brainstorming is one of the quintessential components of research. In order to encourage the full time scholars to involve in brainstorming, increase their confidence in expressing their ideas in public, the department of computing technologies has taken an initiative called, "Saturday Talks" through which each full time scholar is asked to present a technical concept, give hands on sessions every week on Saturdays in physical mode.

Presenter Name	Topic	Date
Mr. Devendar Rao B	Hands on Session on Quantum computing and Qiskit	31.10.21
Mr. Mr.Ismail Zahraddeen Yakubu	Hands on Session on Keras	27.11.21
Ms.Janani	Introudtion to Activation Function	4.12.21
Ms.Poonkodi	Hands on Session on GANs	11.12.21
Ms. Shaamili	Block Chain Technology	18.12.21



Visit of Notable Dignitaries

Nature of the Event	Name of the Dignitary	Designation	Name of organization in which the dignitary works
Technical Talk	Mr. Divakar	Cyber Security Instructor	Technical Talk
Technical Talk	Mr. Sandipkumar Patel	Technical Head	CSEA, SRM
IAS OFFI-CER-MADHYA PRADESH	Mr. AMAN BIR SINGH IAS	IAS OFFICER	IAS OFFICER-MADHYA PRADESH
Invited Talk	Mr. SAURABH JAIN	Ex. Vice President of PAYTM	Founder - FUN2DO Labs
Invited Talk	Mr. SHASHANK MISHRA	Youtuber, Data Engineer	AMAZON
Invited Talk	Mr. UTKARSH GUPTA	Student	IIT, BHU
Invited Talk	Mr. ADHITHIYA SREENI-VASAN NAGARAN	Founder Mentor and Carer guide	Launchpad
Technical Talk	Mr. KESSARA PAVAN KUMAR	Vice President	Sunera Tech.

New Initiatives

The School of Computing initiated an “Internships Opportunities Cell” (IoC@SCO). The prime aim of this cell is to increase and also to streamline all the internship related functionalities (National/International) under the School of Computing. Two faculty members from four departments of SOC were assigned to initiate and find the source of the internship for our students. Dr. C. Vijayakumaran and Dr. S. Saravanan from our Computing Technologies department have been associated with the team and they explored many new Internships opportunities and offered to the cell for dissemination

Upcoming Events Calendar(TENTATIVE)

S.no	Event name	Date
1	<i>ULTRON 5.0 - Symposium</i>	<i>MARCH 15 – 17 , 2022</i>
2	<i>Project Expo and Industry Conclave</i>	<i>23rd – 25th March 2022</i>
3	<i>3rd International Conference on Internet of Things (ICIoT 2022)</i>	<i>5th April to 7th April 2022</i>
4	<i>Workshop on Design Thinking, Critical Thinking & Innovation Design</i>	<i>28-01-2022</i>



Next Edition: April 2022

Calendar 2022

January

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
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February

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April

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June

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July

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August

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September

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October

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November

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December

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KURAL 398

ஒருமைக்கண் தான்னற்ற கல்வி ஒருவற்
கெழுமையும் ஏமாப் புடைத்து

Couplet

The man who store up learning gains,
In one, through seven worlds, bliss attains

English Explanation

The learning, which a man has acquired in one birth, will yield him pleasure during seven births

Transliteration

Orumaikken Thaan Ketra Kalvi Oruvarku
Ezhumaiyum Emaep Putaiththu



Visit our official channels for the School of Computing at:

