

# DATA CHRONICLE

OFFICIAL NEWSLETTER

DATA SCIENCE AND BUSINESS SYSTEMS

SCHOOL OF COMPUTING  
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY  
KATTANKULATHUR



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



**SCHOOL OF  
COMPUTING**



”  
We Climb  
Above n Above  
NIRF 2022



**SRM**  
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**nirf-2022**

**RANKED**

**19<sup>th</sup>**

**UNDER UNIVERSITY CATEGORY  
IN INDIA**

**08<sup>th</sup>**  
**IN DENTAL**

**11<sup>th</sup>**  
**IN ARCHITECTURE**

**12<sup>th</sup>**  
**IN PHARMACY**

**20<sup>th</sup>**  
**IN MEDICAL**

**24<sup>th</sup>**  
**IN ENGINEERING**

**36<sup>th</sup>**  
**IN RESEARCH**



# VICE CHANCELLOR'S MESSAGE

Prof. C. Muthamizhchelvan, Ph.D  
Vice Chancellor



## MESSAGE

It gives me immense pleasure to pen a note for the School of Computing's department newsletter. It is undoubtedly a perfect medium to cater to expressions, challenges, peer-to-peer influences, and many other activities executed at the department level. And when it comes from the School which houses today's trending technologies, it paves the way for a basket full of opportunities. The last three editions from all the four departments have considerably showcased their strengths and applaudable attempts of both students and faculty members in many initiatives and research, which signifies that the team is gearing up towards an ambitious path.

Ever since the inception of SRM Engineering College in 1985, we have meticulously extended our services with utmost dedication and diligence. Therefore, as a result our institution has become one of the leading higher educational institutions in the country. This year's NIRF 2022 (National Institutional Ranking Framework, MoE) ranking is one such great achievement, where all the hard work and systematic team efforts have led us to the new heights of success.

In line with the National Education Policy 2020, I strongly feel that this is the time for us to reflect, modify, consolidate and reset our benchmarks so that we remain competitive as well as yet be mindful of being good human beings. Let us be meticulous in our pursuits and aim at excellence for self and the institution. Keeping an open mind, inviting fresh ideas, setting the direction and pacing to reach the next milestone of iconic excellence in the changing education space should be our aim. Let us unfold our vision for the institution and instil the desire to do better than yesterday. I wish the entire team to continue their good efforts in creating awareness, sharing their success stories to others.

A handwritten signature in blue ink, appearing to read 'C. Muthamizhchelvan', with the date '23/7/22' written below it.

Prof. C. Muthamizhchelvan

VICE CHANCELLOR  
SRM Institute of Science and Technology  
SRM Nagar, Kattankulathur - 603203  
Chengalpattu Dist. Tamilnadu, India.



# REGISTRAR'S MESSAGE



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



## Message bulletin from our Registrar **Prof. S. Ponnusamy. Ph.D.** Registrar

*"Winners are not those who never fail but those who never quit". ---- Dr.APJ Abdul Kalam*

SRMIST ceaselessly strives to ensure that its students become its ambassadors once they graduate, spreading knowledge, wisdom, fair play, morality, integrity and above all love, thus making the world a better place to live in. Being the best indicates providing outstanding education quality, underpinned by sound pedagogical principles and practices, industry research collaborations, national and international engagements, with practical and relevant education to students, so that we make every student shine in the industry relevant to them.

We truly believe in the provision of quality education. Emphasis is given to improve skills of learning and wholesome personality development. In this regard, SRMIST aims to provide its employees and students with appropriate training, learning opportunities, and create an environment that fosters their development.

SRMIST has readily adapted to the global demands and has spontaneously geared up to meet the global challenges by harnessing the latest technologies in education and research fronts. The School of Computing has been introducing many interesting specialization programmes and elective courses, which are in line with the trending technologies, with a view of supporting the possible cross discipline education and research. This is the need of the hour, where the world is running in the digital era. The School has indeed been in stride of upgrading its infrastructure to meet the industry needs. The move towards interdisciplinary studies, research based and interactive learning with technology integration have opened up several options as well as has created multiple challenges and opportunities towards innovation.

Our collective resilience yields powerful evidence of our progress in achieving the ambitious goals of Graduation for our budding professionals. The journey does not end here... for in the years to come, as we traverse the extra mile, we endeavour to make SRM a global reference in the academia and the industry. Let us continue this momentum to scale up further, though the competition is tougher and tighter as we move up.

Hearty congratulations to the newsletter team from School of Computing for showcasing what we have achieved in recent times. My Best Wishes to all!

Registrar

Dr. S. PONNUSAMY, Ph.D.,  
Registrar

SRM Institute of Science and Technology  
SRM Nagar, Kattankulathur - 603 203

SRM Nagar, Kattankulathur - 603 203, Chengalpattu District, Tamil Nadu, India. Phone: 044-27454646, Fax: 044-27452343  
Email: registrar@srmist.edu.in, Website: www.srmist.edu.in

# MESSAGE FROM DEAN - CET



We are truly a vibrant community where aspiring students prepare themselves to be responsible leaders and lifelong learners through rigorous engineering education. With students in India seeking more interdisciplinary programs and flexibility in course curriculum, SRM IST provides a holistic learning environment and ample opportunities for leadership by developing their skill sets required for their career growth.

Collaboration across disciplines, between departments cum schools is what we are working on, to address global and multifaceted societal challenges. A multidimensional outlook is always necessary for dealing with complex issues and finding apt solutions for our professional development and progress. The School of Computing has been exceptionally doing good in this aspect. We can see the extended collaborative initiatives been taken to work across multi disciplines.

Our strong connections with alumni, industry and international institutes ensure that there is no latency between the industry expectations and the curriculum offering, making education and research at SRM the best in the league. The year has had a great leap in leveraging the funding opportunities from Government of India, international institutes and industries to set up latest technology equipped laboratories and courses on emerging technologies.



# MESSAGE FROM DEAN - CET



One such, for us to be delightedly proud is to have funds sanctioned under the Promotion of University Research and Scientific Excellence (PURSE) Scheme, DST with a total outlay of Rs. 14 Crores for developing electric mobility infrastructure and supporting networks. The PURSE project is very rarely sanctioned for the private universities and institutions.

We have initiated the students' counseling cell, department wise. The motto is to suggest and make the students understand and realize the need for their well-being, which will empower them with life skills needed to face the challenges in this dynamic world. The cell will dedicatedly motivate the students to identify their inner strength for their holistic development.

As I look back at a very successful year, I cannot help but beam with pride at the hard work and fantastic learning taking place every single day. The newsletters from the School of Computing have successfully done their best in providing the jist of departmental activities quarterly. I am honoured to be part of a team of people who are committed, compassionate and keep SRM flag flying high.

It's time now for me to wish you all a very productive academic year ahead with promises that are to be an even more action-packed.

**Prof. T. V. GOPAL Ph.D**

All the best!

**Dean, College of Engineering and Technology**

# MESSAGE FROM CHAIRPERSON'S DESK



Warm Greetings!

We have successfully stepped into the new academic year, after a year of blended expected and unexpected experiences. The year that started with the enormous challenge of online teaching and learning, saw its gradual transformation to physical mode of education.

This time our school has had a visionary focus towards many initiatives in introducing the emerging technologies to our students. Industry supported courses in Augmented and Virtual Reality technologies, Distributed Computing, Data Science, Full stack, Information visualization were offered as professional electives to the undergraduate students across the school. Integrated post-graduation courses were rolled in Cyber Security and Data Science domains.

We are proud to see our students this year being placed in top notch companies, with a remarkable placement record of 97.58% despite the global situation. While some students have well nurtured their entrepreneurial skills and have grabbed the opportunities to own and lead their start-ups, the rest have chosen to extend their academic journey abroad .

The year was successful for many faculty members who have tried their hands in consultancy ventures. Technical and academic research has taken its heads up with notable government-industry-international tie-ups and collaborative activities. This academic year our top priority lies in procuring external funded research grants.

Looking to the future, the school's vision is to address and work towards the NEP 2020 and UN's Sustainable Development Goals. We are sure of getting there by fuelling initiatives by growing our faculty-student breadth and talent, and augmenting our infrastructure to support state-of-the-art education, learning and research.

SRM's School of Computing strives to fulfill the dreams of its students as Meritorious Professionals of the future!

— **Dr.Revathi Venkataraman**

*Professor & Chairperson, School of Computing*



# MESSAGE FROM HEAD OF THE DEPARTMENT



Warm Greetings!

The journey of the Department of Data Science and Business Systems is ambling into the right coagulation of academics and research. The genesis of the department has been propitious endeavor to the learning community. The department along with its faculty members and the support system from the institution has managed all the impediments in transiting towards complete physical mode of teaching and learning taking care of all COVID posed challenges

The department has made an accomplice in effectuating the visionary ideas of the management and school by envisaging the contemporary initiatives in cutting edge technologies pertaining to the domain of Big Data Analytics, Data Science, Business Systems, Gaming Technology and Block Chain. Augmenting to this, the department has instituted many industries supported assays of events like workshops, seminars, Faculty Development Programs and Hands on training sessions in its domains of interest.

The placement process of our department has been acquainted with excellent record of 98% in the yester year. The prospects of the current final years have been reckoned with more offers in marquee companies and at better job profiles. The entrepreneurial and innovative dexterity of the students are nurtured by boot camps that incubate and propagate the traits.

The department vests a handsome number of research publications, project grants and other IPR registrations by the faculties and students that fosters the research ecosystem and its sustenance. What's more to add upon is the interdisciplinary research and internationally collaborated research that will help the department to consummate the Sustainable Development Goals, as delineated by the institution. In a nut shell the department has opened up its ventures to embrace holistic development in learning, research and entrepreneurship.

A Goal without a Plan is a Wish. We Plan to change our Wish to Goal

— **Dr. Lakshmi M.**

*Professor & Head of the Department  
Data Science and Business Systems*



# EDITORIAL MESSAGE

## Data Chronicle



Dear Readers!

Greetings to All.

I am indeed very happy and fortunate to work with our Editorial board members who put their immense effort in bringing out the third issue of Data Chronicle. The newsletter is a medium to showcase the merits and credits of the Department of Data Science and Business Systems. The Department has been progressing at an exponential rate since its inception. Many notable achievements have been recorded since then. We are doing well with Innovative plans and associated actions to succeed.

The department faculty and students go hand in hand to work with lot of fun and enthusiasm in making innovative technical ideas work as solutions. This newsletter would be a snapshot of the various activities and advancements for all the tasks done in DSBS department in the previous quarter. Proper communication plays a vital role in the development of the department. This newsletter will serve to reinforce and permit increased awareness, improved interaction and integration among us all.

Usually we forget to appreciate the activities and good deeds of many people who work around us as we are engaged in other usual activities. It could all change if we just to pass to think of what is our contribution to the needy. The progress of the society mainly depends upon many people who are working behind the scenes than the people who showcase in the screens, with lot of overtime and round the clock work assignments and having a patriotic nature of love towards their organization. This newsletter Data Chronicle will be such a medium to provide proper acknowledgement and respect all these efforts and its results.

Magic is believing in yourself. If you can do that, you can make anything happen”  
Do what you can, with what you have, where you are.” —Theodore Roosevelt

We welcome you to upload your thoughts in the forthcoming issue!  
Happy Reading! Stay Tuned.

**Dr. B. Amutha**

*SCO - Newsletter – Head*



# EDITORIAL TEAM

Advisor



**Dr. M. Lakshmi**  
HoD - DSBS

Editor



**Dr. B. Amutha**  
NEWSLETTER - HEAD  
SCHOOL OF COMPUTING

Faculty Team



**Dr. K. Shantha Kumari**  
Quality Head



**Dr. P. Saravann**  
Content Head



**Dr. R. Rajkumar**  
Design Head



*Welcome to 2022-23 Academic Year*



# Events Planner

August 2022

**Faculty Development Program**

Big Data Analytics Living Lab Applications

**Prof.G.Vadivu**

**Dates : 9th to 12th**

August 2022

**Professional Development Program**

Blockchain Technology 2022

**Prof.S.Ganesh Kumar**

**Dates : 22nd to 27th**

September 2022

**Workshop**

Deep Visual Data analytics and Futuristic Research Directions

**Dr.M.Prakash , Dr.P.Kanmani,  
Ms.R. Radha, Dr S.Sharnya**

**Dates : 1st & 2nd**

September 2022

**Workshop**

Gamification using EdTech Tools

**Dr.R.Rajkumar**

**Dates : 6th to 8th**

September 2022

**Workshop**

Big Data Analytics with HADOOP

**Dr.T.Veeramakali**

**Dates : 8th & 9th**

September 2022

**Workshop**

Data Analytics in Healthcare

**Dr.A.Shanthini**

**Dates : 14th to 16th**

September 2022

**Faculty Development Program**

Next Generation Interactive Visual Technologies

**Prof.A.Murugan**

**Dates : 26th to Oct 1st**

October 2022

**Workshop**

Artificial Intelligence in Agriculture

**Dr.K.Sornalakshmi**

**Dates : 17th to 19th**

October 2022

**Student Contest**

Data Techno Contest

**Dr.Paul T Sheela  
Dr.Jeba Sonia**

**Dates : 20th & 21st**

October 2022

**Workshop**

Data Analytics Approach in Renewable Energy

**Dr.A.Shobanadevi**

**Dates : 21st & 22nd**

November 2022

**Outreach Programme**

Outreach Programme for School Children

**Prof.M.Lakshmi , Dr.P.Rajasekar  
Dr.T.Karthik**

**Dates : 17th & 18th**

December 2022

**Tech Talk**

Data Science for Business

**Dr.R.Rajkumar**

**Dates : 10th**

February 2023

**Workshop**

Converting Innovation into a Startup

**Prof.V.Kavitha**

**Dates : 6th to 8th**

February 2023

**Hackathon**

Sustainable Development Goal (SDG) Hackathon 2023

**Dr.T.Karthick,Dr.P.Rajasekar  
Dr.M.Sangeetha**

**Dates : 13th & 14th**

March 2023

**Project Expo**

Project Expo "SPREE"

**Prof.S.Ganesh Kumar  
Prof.A.Murugan**

**Dates : 15th to 17th**

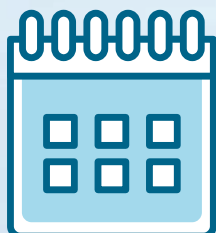
March 2023

**International Conference**

Recent trends in Data Science and its application

**Dr.T.Karthick,Dr.P.Rajasekar  
Dr.M.Sangeetha**

**Dates : 30th & 31st**







Data Science and Business systems

# Retrospect

April to June 2022

Review

Plan Ahead





# Peek Through

A new Academic year comes with new opportunities to Teachers as well Students.

This is the time to prepare ourselves to look forward the new challenges. 2022 began with the mixture of Online & Offline learning mode. Crossing through an entire semester and coping with student's uncertainties was the greatest achievement throughout.

This newsletter is the evidence for the collective progress made by DSBS Faculty as well students throughout the season, which strengthens everyone involved to look forward for another fruitful 2022-2023 Odd Semester.

*The Club activities, Talk events, Project expo, DIH'22, SERB International Experience, SERB Foreign travel grant* etc., are just a gist of the News that's presented in next .

Every Happening is significant and We appreciate it.





# HAPPENINGS

APRIL - JUNE 2022

DEPARTMENT OF  
**DATA SCIENCE AND BUSINESS SYSTEMS**



# COMPENDIUM

- Happenings at DSBS

- Count the Cost
- Project Expo ' 2022
- Launch of Data Science Club
- Inauguration of Blockchain Club
- Gaming Developer Community Boot Camp
- Machine Learning for ALL
- Defense Innovation Hackathon ' 2022
- DSBS SCC- Session on Stress and Time Management
- Foreign Expert visit in collaboration with SPARC
- Tech Talk-Significance of Software Testing Mechanism
- Alumni Talk- Inspiring story of paper plane
- Entrepreneur Talk -Idea to Product
- Workshop on Patent Introduction & its Commercialization
- Tech Talk - Data Science in Telecommunications
- Corporate Consultancy Projects

- People of DSBS - Achievements and Accomplishments

- SERB International Research Experience Awardee
- SERB International Travel Support Awardee
- Winners in Defense Innovation Hackathon ' 2022
- Best Paper Award
- Book Publication
- Notable Achievements
- SCO Faculty Appreciations
- SATU Joint Research Scheme



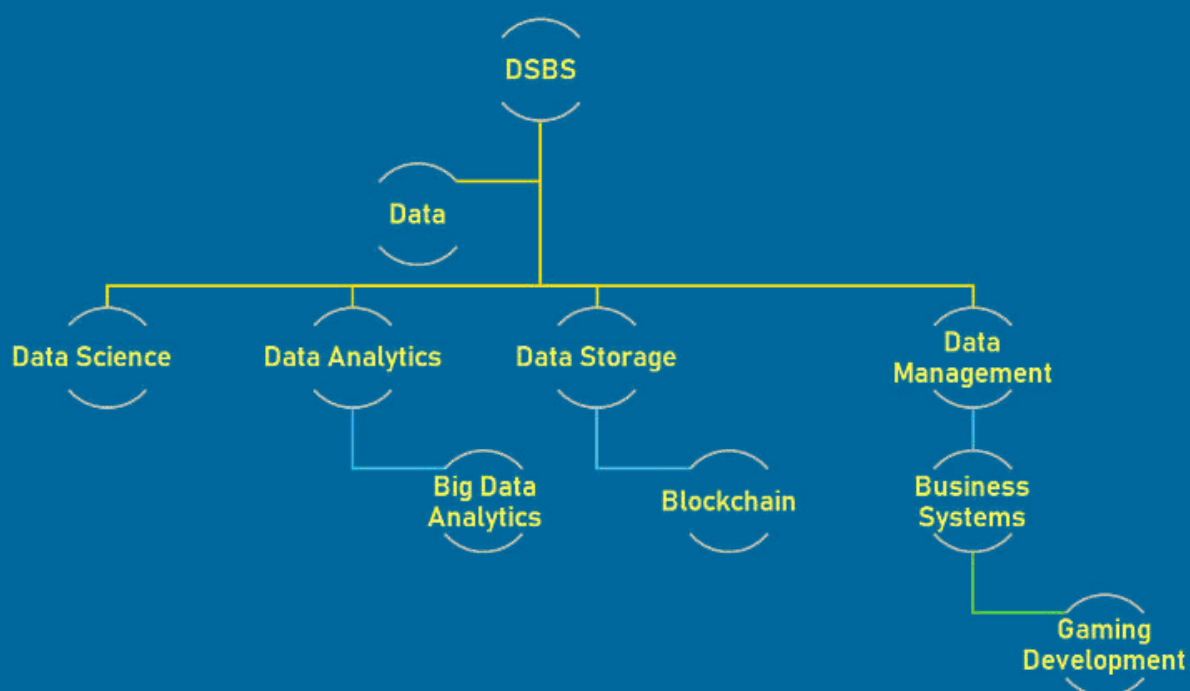
# COMPENDIUM

- People of DSBS - Achievements and Accomplishments
  - Certificate Program for Faculty in Computer Science Education
  - Microsoft Power BI Data Analyst Associate Training Program
  - Value Additions - Certifications
  - Journal Publications
  - Research Patent Grant
  - Research Patent Published
  - Online LMS Content Creation
  - Seminars / FDP / Workshops
  - Certification in Barefoot Counselling
- Our Students and their Little things
  - Winner - Project Expo 2022
  - Runner-Up in HackRx 3.0
  - Winner - Zophrix 2022
  - Merit Scholarship
  - Study Abroad Program [ SAP] News
  - Byzantine'22
  - Placement News
  - DSBS Students Counselling Cell
  - Jeffrey Ullman Colloquium

# Count the Cost

‘Data’ is the essence of our DSBS Department.

We prepare our learners to build, rebuild, model, analyse, store and manage the Data for every kind of applications and business systems. Our learners are equipped to excel in today's organizations functioning in the era of digital products, data-driven decision making, Blockchains, and Data oriented Business products with a special drive for gaming development. Our Learners can "Count the Cost" - *Recognize and Agree to terms before Building a tower*





# Project Expo ' 2022

11 & 12, April 2022

*Report presented by Special Editor*

The School of Computing, College of Engineering & Technology, SRMIST, organized Project Expo'22. This project expo is intended to provide opportunity for students of our institution to expo their innovative projects and idea. The objective of this programme is to connect the students with industry. The expo also focuses on the sustainable development goals. The judges of the expo are from the industry. The suggestions given by the judges are very useful for the students. 70 projects were received from all four year students of school of computing and out of which 50 project batches were selected by the eminent professors.



## CONVENERS

Dr. Revathi Venkataraman, Chairperson, School of Computing

Dr. M.Pushpalatha, Professor & Head, CTech

Dr. K. Annapurani, Professor & Head, NWC

Dr. M.Lakshmi, Professor & Head, DSBS

Dr. R.Annieuthra, Professor & Head, CINTEL

# Project Expo ' 2022



## Co-Conveners

Dr. A.Murugan, Associate Professor, DSBS

Dr. S.Ganeshkumar, Associate Professor, DSBS

## Coordinators

Dr.L.Anand, Assistant Professor, NWC

Dr. TYJ Naga Malleswari, Associate Professor, NWC

Dr. S.Poornima, Assistant Professor, CTech

Dr. P.Rajasekar, Assistant Professor, DSBS

Dr. A. Alice Nithya, Associate Professor, CINTEL



# Project Expo ' 2022

**Day 1     Date: 11th April 2022**

A good beginning is marked with an energetic start, the first session of the expo inaugurated by our chairperson Dr.Revathi Venkataraman followed by the talk of Dr.Shanthanu Patil, SIIEC. He delivered the speech regarding the innovative ideas and how SIIEC supports the students by funding the projects. Later Dr.M.Ravichandran, Director, Terafast Networks Pvt Ltd., motivated the students by mentioning the opportunities in the industry. The participants displayed their projects in the Tech park lobby. Both the judges visited and evaluated the projects. They also gave their suggestions to improve the projects and motivated them to apply for SIIC funding and patents. The online presentations of the projects continued in the afternoon session.

**Day 2     Date: 12th April 2022**

The second day session started with the talk by Mr. K. Baskaran, Founder, Kriyatec. It was an interactive session with the students. The judge shared the ideas that what the industry expecting from the students. Few projects were displayed in the Tech Park lobby visited and evaluated by the judge. He shared his opinions and suggestions to the students. The online presentations were carried out by the students and were judged by Dr. Ananth kumar and Dr. Dhanalakshmi. The expo was ended with valedictory function. The certificates were distributed to the participants and the winners of the expo.

# Launch of Data Science Club

'Data Science Club is an initiative from DSBS Department with the mission to accelerate activities that would enable learners of all skill levels have adequate exposure to Data Science, Maths behind Data Science, Data Analytics and Big Data. The activities include tutorials, presentations from Industry professionals, and hands-on experience. Data Science club aims to develop the passion among students to explore this new and exciting field that offers a wide scope of opportunities particularly when it comes to making it a career.

With this Objective, Data Science Club was inaugurated on May 6, 2022. Dr. Revathi Venkataraman, Chairperson, School of Computing delivered her keynote address on the occasion. The chief guest of the event Vivek Sridhar, Senior Cloud Advocate @Microsoft, Cloud + AI Engineering Team enriched the audience with his technical speech on "Azure for Developers"



**Vivek Sridhar**  
Senior Cloud Advocate  
Microsoft  
Cloud + AI Engineering Team

**06 - May -2022**



Dr Revathi Venkataraman, Chairperson, School of Computing delivering her keynote address



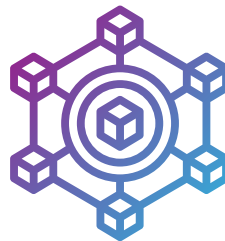
# Inauguration of BlockChain Club



Core Team Members of BlockChain SRM along with senior faculties, HOD, and Guest of honour.

12 - May -2022

- **President-** Aditya Jain
- **Vice President-** Sreyom Sresaan
- **Tech Lead-** Deepak Kumar
- **Web Development Lead-** Viraj Agarwal
- **App Development Lead-** Abhivansh Bhatnagar
- **Crypto Lead-** Vash Khandelwal
- **Operations & Creatives Lead-** Vuvraj Patel
- **PR Lead-** Vash Saini
- **Corporate Lead-** Saketh Donepudi
- **Creatives Lead-** Akshita Singh,  
Shweta Sanadhya



**Chief Guest**

**Mr. Bhaskaran**

**Founder, CEO - KriyaTech,  
Director, RegalFarm Industries, &  
Managing Director, infoCorvus.**



# Taiwan-India Joint Living Lab on Big Data Analytics

## Taiwan Delegates Visit @SRMIST

Date: May 12, 2022, Time: 14:30-15:15, Venue: UB, Fourth Floor, Room No: 29



Taiwan and India have joined hands together once again in setting up the Taiwan-India Joint Living Lab on Big Data Analytics. In July 2020, the Taipei Economic and Cultural Center (TECC) and Taiwan Education Center (TEC) had invited the Taiwan-India Joint Research Center on Artificial Intelligence organized by the National Chung Cheng University (CCU) and IIT Ropar along with the SRM Institute of Science and technology SRMIST to jointly create a Smart Pandemic Prevention System (SPPS) which is currently deployed on the campuses of both CCU and SRMIST.

On March 24, 2021, a presentation of the results of the “Taiwan-India Joint Collaboration in Smart Pandemic Prevention System” was held online, presided by Dr. Mu-Min Chen, Deputy Representative of TECC, Dr.C.T.Wang, Director of Science and Technology, TECC, Dr.Chadaram Sivaji, Director of International Bilateral Cooperation Division, DST, India, Dr.C. Muthamizchelvan, Vice Chancellor of SRM, and Dr. A. Ravi Kumar, Pro-Vice Chancellor Medical and Health Science, SRM.



# Taiwan-India Joint Living Lab on Big Data Analytics

## Taiwan Delegates Visit @SRMIST

The goal of this Joint Living Lab is to foster technical collaborations between CCU and SRM, for collaborations between CCU and SRM students and professors, and to produce innovative technological results that can be published as papers in International Journals and premier conferences. SRM shared the lab space and the required facilities for use by the professors and students of SRM. CCU will provide a fixed hardware setup budget for “The Smart Pandemic Prevention System” equipment including a FLIR thermal camera, a laptop, a web-camera.



The official visit of Taiwan-India Joint Living Lab on Big Data Analytics has happened on May-12,2022. The members present were Prof. Chin Tsan Wang, Director of Science and Technology Division, Taipei Economic and Cultural Center (TECC), Ms. Yi Ting Chiang (Ellie), Assistant Director of Science and Technology Division, Taipei Economic and Cultural Center (TECC),

Dr.T.V.Gopal, Dean (CET), Dr.Kartar Singh, Director International Relations, SRMIST, Dr.Revathi Venkatraman, Chairperson, School of Computing, SRMIST, Dr.M.Lakshmi, HoD, DSBS, School of Computing, SRMIST, Dr.K.Sornalakshmi, Asst. Professor, DSBS, School of Computing, Prof. Ling-Yun Tsai, TEC, SRMIST and team of SRM Faculty and students.

The slogan “Taiwan Can Help” has once again materialized into bilateral actions in cross-region partnerships.

# Unreal - Game Engine Boot Camp

12 - 14, May 2022



Gaming Developers community club of our Department organized a 3 days Bootcamp for gaming enthusiasts in our campus from 12th May to 14th May 2022.

This Bootcamp provided hands-on experience in UNREAL Game Engine. Unreal Engine is the world's most advanced real-time 3D creation tool. Experts from Industry joined our students to provide the real unreal experience.





# Machine Learning for ALL

## One Week Faculty Development Program

16 - 21, May 2022

CONVENOR : PROF G.VADIVU

COORDINATOR : MRS S SIVASANKARI

Department of DSBS conducted FDP on "Machine Learning for ALL" for 6 six days from 16th May to 21st May 2022. It is mainly for non-computer science faculty members and research scholars. During the initial 5 days common sessions were conducted for all participants and the last day with parallel sessions for the participants from different domains.



The FDP Delivered by experts from Great Learning Team and Internal faculty experts Dr.M.Lakshmi, Dr.G.Vadivu, Dr. K. Sornalakshmi, Dr. A.Shobana Devi, Mrs S.Sivasankari and other experts from Industry.

# Machine Learning for ALL

## One Week Faculty Development Program

16 - 21, May 2022

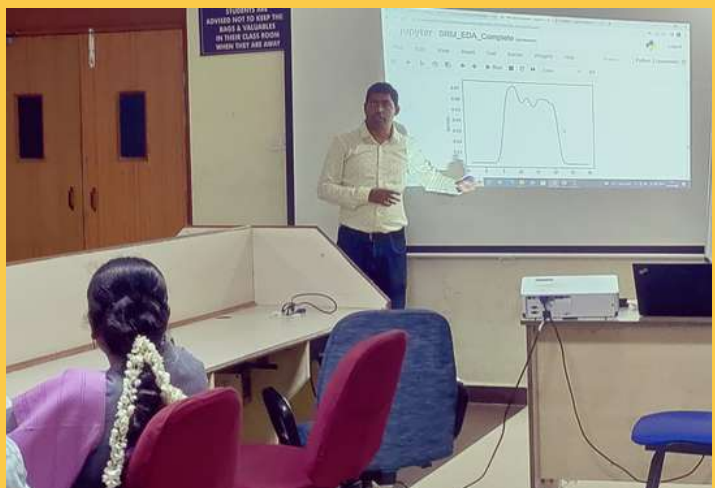
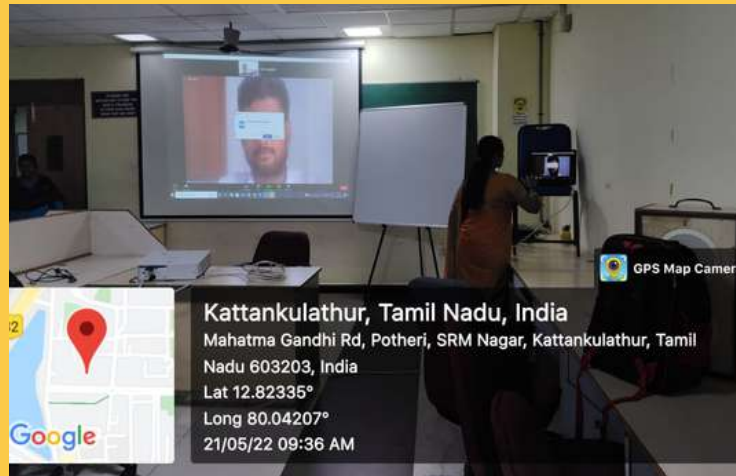




# Machine Learning for ALL

## One Week Faculty Development Program

16 - 21, May 2022



# UNITY

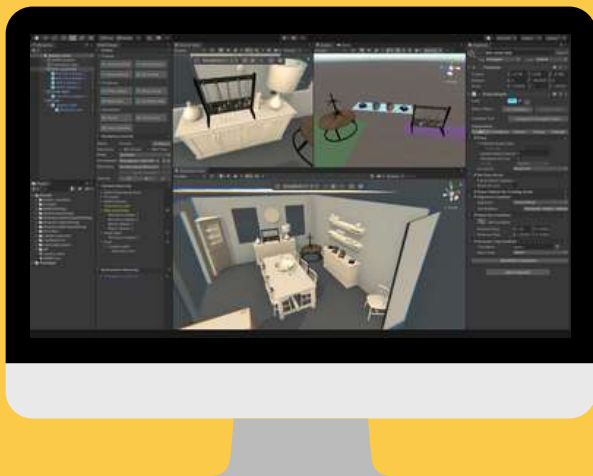
## One Week Faculty Development Program

16 - 21, May 2022

CONVENOR : PROF A.MURUGAN

Unity is leading platform for creating and operating interactive, real-time 3D (RT3D) content. It helps to build real-time 3D projects for various industries across games, animation, automotive, architecture, and more.

In this program, 12 Teaching Faculty from School of Computing got trained and this includes our Department faculty Dr.A.Murugan, Mrs.S.Sindu, Dr.P.Saravanan and Dr.N.Poornima

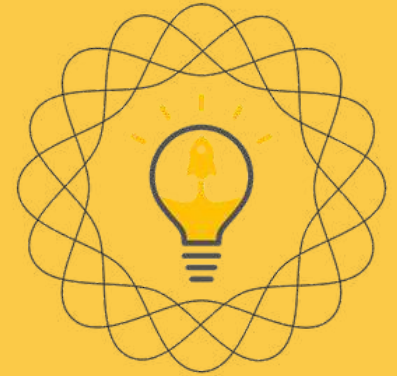




# Defense Innovation Hackathon ' 2022

20 & 21 , May 2022

Defense Innovation Hackathon' 2022 was organized by SIIEC during 20 & 21, May 2022 in SRM Campus. The objective of this hackathon is to Identify & support student & faculty teams for the development of technology/products for the Defense Sector. The Army Design Bureau has compiled a list of problem statements faced by our soldiers and are requesting our ingenuity for solving them



**SRM Innovation and Incubation Centre**

Dr T.Karthick, Assistant Professor, DSBS was one of the core organizing team member. He along with other members ensured the smooth running of the event that was participated by many faculty and students teams. This event was conducted in two levels. Industrial and Faculty expertise were invited to judge the solutions presented by the participants. Outcome of this hackathon definitely provide the possible solutions to the problem statements posted by the Army design bureau.



# DSBS Students Counselling Cell

## Session on Stress and time Management

7, 8, 13 and 14, June 2022



### Resource Person

**Sayee Bhuvaneswari,**  
Counselling Psychologist & Life Coach  
@Dheemahi Mind Matters,  
Founder@Dheemer Consulting

### COORDINATORS

**DR.T.KARTHICK, DR.P.RAJASEKAR, DR K.SHANTHA KUMARI**

The Students Counselling cell of DSBS organized an Interactive and fun-activities filled Counselling session on "Stress and Time Management" for our First year students. The objective of this event to enable the students to have a balance between their academics and their life.

The Resource person *Sayee* have the instinct to gel with the students naturally and this made the event much more successful in meeting the objective set for the event. The students felt they could manage everything in their pace of time as well as excel in the forthcoming assessments without much stress.



# DSBS Students Counselling Cell

## Stress and time Management

7,8 ,13 and 14, June 2022



### TECHNICAL TALK - GARUDA AERO SPACE

#### Foundations of Drones - Design, Development and Applications

Resource Team      March 31, 2022



Garuda Aerospace is a human-centric brand that is focused on developing low-cost drone solutions to optimize industries through accurate data. They provide low-cost Drone-based solutions, as well as related software and analytical tools, to help businesses boost productivity and reduce expenses.



**COORDINATOR :DR.M.LAKSHMI, DR.K.SORNALAKSHMI**

Garuda Aerospace delivered a session on the "Foundations of Drones - Design, Development and Applications". Garuda Aerospace is a leading start up in the area of Unmanned Aerial Vehicles" and cater to a variety of clients. The team presented the work done by them in various sectors. They also discussed on the scope for the different engineering disciplines in the promising are of drone design, programming and piloting.





# FOREIGN EXPERT VISIT IN COLLABORATION WITH SPARC PROJECT

## Faculty and Student Interaction

April 1, 2022

### Resource Person

Prof. Gunasekarn Manogaran

College of Engineering and Architecture(CEA),  
Department of Electrical Engineering and Computer Science,  
Howard University,  
Washington D.C., USA



#### Other Affiliations :

Adjunct Faculty, in School of Computing, SRM Institute of Science and Technology, Kattankulathur, India. |Visiting Researcher/scientist in University of La Frontera, Colombia & International University of La Rioja, Spain.

### COORDINATOR :DR.A.SHANTHINI

This event was coordinated by Dr.A.Shanthini as a part of SPARC funded project. The event was attended and benefited by a lot of students, researchers, and staff members from the School of Computing in Data Science and Business Systems.



### FOREIGN EXPERT VISIT IN COLLOBORATION WITH SPARC PROJECT

#### **Foreign PI Insights - Collaborative projects**

- Addressed the range of research fields available in contemporary trends.
- Encouraged the people who were working in research projects and relevant field to learn the performance in these contemporary job situations through collaborative class
- Provision of possible of funding in various Research Projects



#### **Foreign PI insights - Opportunities for Higher studies Students Interaction**

- Awareness of the Opportunities available in a variety of foreign universities, including academic research.
- Higher education offers, internships, and scholarships that could be availed in Foreign Universities



## Industry Expert Talk

### Significance of Software Testing Mechanism

April 1, 2022

#### Resource Person

**Dr. BUDDHADEB BAKSHI**

Consultant (Technology, Quality & Risk Management)



Dr. Buddhadeb Bakshi has twentyfive years of experience in various organizations, viz, Deloitte Consulting (USI, India), Deloitte (AERS- USI), Essel Infra Projects, National Institute for Smart Governance, Genpact, Catalytic, Solix Technologies, Sierra Atlantic, 24/7Learning Solutions. He has worked in the areas of technology consulting, program management and process improvement initiatives (ISO, CMM, Six Sigma) and also Domain wise expert in telecom, public sector, healthcare, banking, urban planning.

**COORDINATORS : DR.A.SHANTHINI , DR.M.SANGEETHA , DR.R.RAJKUMAR**



The event was organized for our 2nd year B.Tech students of Data Science and Business Systems to gain more knowledge in Software Engineering and Project Management



The industry expert gave insights about the following: Risk Management, Agile Process that is followed in industries, explored and addressed regarding Software-Testing mechanism important in industries.

# Alumni Talk

## Inspiring Story of Paper plane

May 19, 2022

### Resource Person

Mr.Dhruv Upadhyay

Co-Founder , Paper Planes

Alumni, B.Tech - CSE [ BDA] -2022

### COORDINATOR - DR M LAKSHMI



Paperplane builds digital clinics on WhatsApp for doctors and hospitals to start and scale their medical practice on the world's most popular messaging app!. Our Alumni Mr.Dhruv, Co-founder of the startup shared every bit of his experience to the Juniors who aspire to be an Entrepreneur.

Highly energized Dhruv's Pep Talk had spell on every student who attended and compelled them to dream one way or another way.



# Entrepreneurial Talk

## Idea to Product

May 20, 2022

### Resource Person

Mr. Prashant Pandey

CEO and Co-Founder

Global Child Prodigy Awards



**COORDINATOR : DR. M.LAKSHMI**



The event organized by department of Data science and Business Systems to give an awareness about being an Entrepreneur. The Resource Person has been a dedicated entrepreneur for the last 4 years. He has led and organized various National and International events. With his testimonial, the students gained much about the Entrepreneurship Journey

# Alumni Talk

## Workshop on Patent Introduction and its Commercialization

June 3, 2022

### Resource Person

Diwaagar Radhakrishnan Sitaraman

Partner at Vivrti Law, Advocates

Alumni, B.Tech IT - 2006 Batch



### COORDINATORS

**DR.M.LAKSHMI, DR.K.SORNALAKSHMI ,**

**DR.M.RADHA AND DR.D.HEMAVATHI**



The event organized by department of Data science and Business Systems focused on expanding the meaning of the term “Patent”. Where and how to find the sources through which the process of patent drafting could be made easy for the beginners is one of the objective of the workshop. The participants were given hands on session in how to use the government repository to verify the novelty of their ideas.



# Industry Expert Talk

## Data Science in Telecommunications

June 16, 2022

### Resource Person

Mr. Sudeesh Sankaravel,  
Associate Director,  
Verizon Data Services



Mr. Sudeesh has over 20 years of experience in various Advanced Analytics profiles like Teacher, Trainer, Consultant, Group manager, Lead consultant, Data specialist, SME, Senior Technical Architect etc.,

**COORDINATORS : DR. PAUL T. SHEEBA, DR. J. JEBA SONIA**



With a reduced workforce, limited access to crucial departments like data centers and call centers, the telecom industry is increasingly adopting data science to ensure that critical communications in this new remote working world remains smooth during this period.

In this tech talk, the Expert shared how the companies are using Data Science Technologies to respond to the changing environments and requirements

# Corporate Consultancy Projects

## INDUSTRIAL TRAINING



March - June 2022



Dr.T.Karthick trained the  
LGSI Engineers in "Digital  
Health" Domain

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## MYSQL DATABASE MIGRATION



June 2022



Dr. A.Shobana Devi &  
Dr. M.Anand guided the  
Legacy Database  
Migration in BGI-India



# PEOPLE OF DSBS



## ACHIEVEMENTS AND ACCOMPLISHMENTS



# Rejoicing in Work and Raising Above



**Dr. A. Murugan**  
Professor, DSBS



**Dr. S. Ganesh Kumar**  
Professor, DSBS



**Dr. E. Sasikala**  
Professor, DSBS



**Dr. V. Kavitha**  
Professor, DSBS



The Faculty of DSBS express our immense happiness and bountiful wishes on the occasion of Professor Promotion conferred to our beloved :

- Dr. A. Murugan
- Dr. S. Ganesh Kumar
- Dr. E. Sasikala
- Dr. V. Kavitha



**Congratulations!**

We wish them best for their future career advancements and professional goals.



## SERB International Research Experience

Dr.V.Kavitha, Professor, Department of DSBS selected for the SERB International Research Experience for the year 2022-2023 supported by the Science and Engineering Research Board (SERB), a statutory body of the Department of Science and Technology, Government of India.



The fellowship has been approved for duration of 6 months to work with Prof Debajyoti Mondal at Computer Science, University Of Saskatchewan ,Canada.

SERB International Research Experience includes:

- Monthly Fellowship equivalent to USD 3000 per month.
- Return Airfare in shortest route from India to Canada.



# SERB International Travel Support



Dr.N.Parthiban, Associate Professor,  
Dept of DSBS has received Science and  
Engineering Research Board (SERB)  
International Travel Support



With this Support, He is going to attend

- "International Joint Conference on Theoretical Computer Science – Frontier of Algorithmic Wisdom (IJTCS-FAW 2022 )"
- To be held on August 15-19, 2022,
- Hosted by City University of Hong Kong.

**He will deliver a talk titled  
"Bounds for the Oriented Diameter of Planar Triangulations"**





# Post Doctoral Fellowship

Dr.S.Jeeva, Assistant Professor, Dept of DSBS has received Post Doctoral Fellowship offer from Universiti Malaysia Kelantan [UMK], Malaysia



The details of his Post-doc are:

- Scheme : Post-Doctoral (Publication)
- Term : 1 Year
- Supervisor : Dr. Gan Hong Seng
- Placement : Department of Data Science, UMK

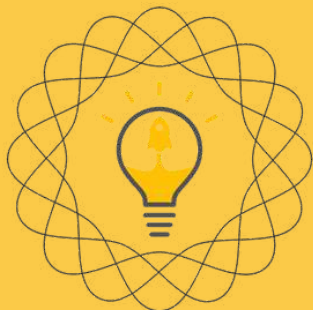


UNIVERSITI  
MALAYSIA  
KELANTAN



## Winners in Defense Innovation Hackathon ' 2022

20 & 21 , May 2022



**SRM Innovation and  
Incubation Centre**

Our Department Faculty Team - comprising :  
Dr.T.Karthick, Dr.P.Rajasekar and Dr.M.  
Sangeetha along with Dr.S.Ramya and Ar.  
Anoop Menon participated in DIH 2022 and  
presented their innovative solutions .The event  
was conducted in two levels. Totally 46 teams  
participated in this event.



Our Department Faculty Team - **Kikiktech** was declared as one of the two  
Winners at the end of DIH '2022



# Best Paper Award

Dr. N. Poornima, Assistant Professor, DSBS - participated and presented her research article in International Research Conference in IoT, Cloud and Data Science organized by SRMIST, Vadapalani on 6 & 7th of May, 2022.



Her paper titled " Pest Classification with Deep Learning and ReactJS" is judged for its impact and chosen as "Best Paper" award



# Book Publication



**Dr. S. Sharanya,**

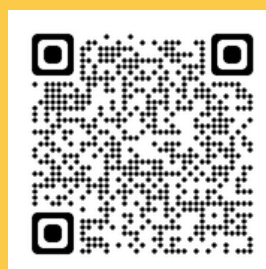
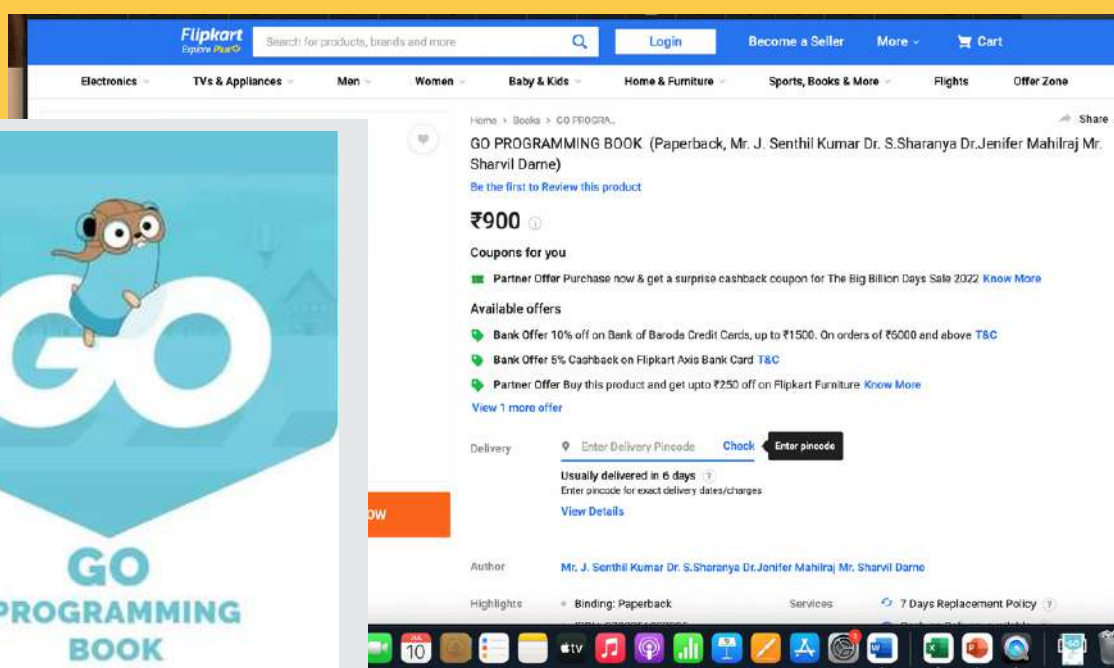
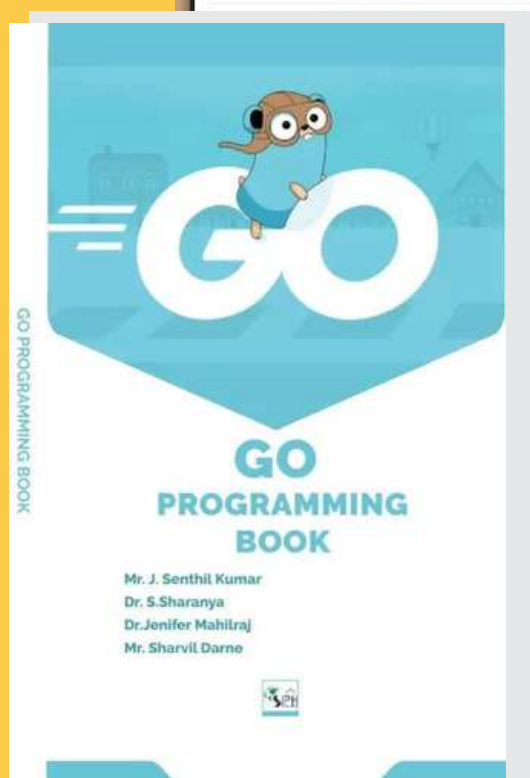
Assistant Professor, DSBS has  
coauthored and published the book  
entitled

**"GO Programming book"**

ISBN: 9789356252325

Publication: June 2022

The Book is available in Flipkart for sale.



Scan to order the book



# SCO Faculty Appreciations

May 17, 2022

*"What gets recognized gets reinforced, and what gets reinforced gets repeated"*



The School of Computing is the pioneering anchor of SRMIST. Housing massive faculty and student strength, SCO is the breaking every record set by itself every time.

The Leadership of School of Computing - Dr.Revathi Venkatraman, shouldered by the Specialization HODs - Dr. M.Pushpalatha, Professor & Head, CTech , Dr.K. Annapurani, Professor & Head, NWC , Dr.M.Lakshmi, Professor & Head, DSBS and Dr. R. Annieuthra, Professor & Head, CINTEL have a vision to empower the Faculty through timely recognition and motivation.

In this regard, the 2022 edition of Faculty appreciation was organized on May 17,2022 to encourage the Faculty who contributed notably to the vision of the School.

# SCO Faculty Appreciations

Achievements in the following 17 Categories was recognized and appreciated in the august presence of Dr. T.V.Gopal, Dean, College of Engineering and Technology on May 17,2022. Every Individual's effort that contributed to SCO's Vision is encouraged and motivated . The Faculty members were motivated to work furthermore which indirectly contributed to the value addition of SRMIST.

## Research Publications

1. Highest Impact Factor
2. Impact factor /SNIP  $\geq 5$
3. Highest Number of Publications
4. More than 3 SCI Papers
5. Highest number of citations

## Projects

7. Funded Projects
8. Consultancy Projects
9. Multi-Disciplinary projects
10. Industry Collaborations
11. International Collaborations

## Patents

6. Patent Grants

## Other Achievements

12. Books Published
13. Awards/ Recognition
14. Upskilling
15. Online course delivery

## Coordinators Recognitions

16. SAP Coordinator
17. Placement Coordinator



# SCO Faculty Appreciations

DSBS Department was formed in August 2021 with the mission to pioneer in Data Science field. It is the youngest and leanest Specialization in SCO. However, many of our faculties bagged much Appreciations in the event and they are as follows:



## Patent Grants

*Dr.S. Ganesh Kumar*

*Dr. A. Murugan*

## Consultancy Projects

*Dr. K. Dhanasekaran*

*Dr.G.Vadivu*

*Dr. Arthi.K*

*Dr.K.Priyadarsini*

*Dr.A.Murugan*

*Dr.S.Ganesh Kumar*

*Dr.K Shantha Kumari*

*Dr T.Karthick*

## Multi-Disciplinary projects

*Dr.A.Shobanadevi*

*Dr.T.Veeramakali*

*Dr.M.Lakshmi*

*Dr.N.Parthiban*

*Dr.V.Kavitha*

*Dr.R.Rajkumar*

## Industry Collaborations

*Dr.A.Murugan*

*Dr.S.Ganesh Kumar*

## Upskilling

*Dr.M.Sangeetha*

*Dr.T.Karthick*

*Dr.A.Shobanadevi*

*Dr.T.Veeramakali*

*Dr.K.Priyadarsini*

## Coordinators

*Dr.S.Suchitra [SAP]*

*Dr.S Sudhagar [Placement]*

*Dr. P.Kanmani [Placement]*

*Dr. K.Priyadarsini*

*[Faculty Advisor]*

# SATU Joint Research Scheme

From <https://satu.ncku.edu.tw/>

The SATU Presidents' Forum International Secretariat launched the SATU Joint Research Scheme (or SATU JRS) in 2012 to provide a collaborative platform that facilitates academic research cooperation among SATU member universities. It serves as a matching platform where scholars from different SATU member universities can connect with like-minded researchers and form research collaborations together.



The Faculty from the universities registered in the SATU Presidents' Forum are invited to be Principal Investigator and Co Principal Investigator for 2022. The Following Faculty members got the opportunity to work as PI and CO-PI

## Principal Investigators

*Dr. T.Karthick*

*Dr. T.Nadana Ravishankar*

## Co-Principal Investigators

*Dr. M.Lakshmi*

*Dr. G.Vadivu*

*Dr. D.Hemavathy*

*Dr. K.Shantha Kumari*

*Dr. K.Priyadarsini*

*Dr. A.Shobana Devi*



## Research Patent Grant



 INTELLECTUAL  
PROPERTY INDIA  
PATENTS | DESIGNS | TRADE MARKS  
GEOGRAPHICAL INDICATIONS

  
GOVERNMENT OF INDIA

Controller General of Patents, Designs and Trademarks  
Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

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Design Application Details

**Application Number:**  
360938-001

**Cbr Number:**  
214931

**Cbr Date:**  
19/03/2022 22:46:37

**Applicant Name:**  
1. Dr. A. Pandian    2. Ms .M. Safa    3. Ms. G.Geetha    4. Dr. T. Karthick

Design Application Status

**Application Status:**  
Application Accepted, Certificate of Design Generated.

[Back \(/DesignApplicationStatus/\)](#)



Congratulations to Dr.T.Karthick of our department & his team from School of Computing has got their patent granted for the title: IOT BASED TEMPERATURE MONITORING SYSTEM

# SRM Green Ambassador Award



Dr. R. Rajkumar, Assistant Professor awarded as SRM Green Ambassador award at World Environment day. His team has been contributing to the environment - worked to renovate 2 lakes, one pond, planted 700 palm trees and created one acre of Miyawaki (dense) forest with the support of Indian Oil Corporation Corporate Social Responsibility (CSR) Fund.

Dr R.Rajkumar is the founder of Pasumai - Jolarpet. It is a volunteering organization working towards greenery and sustainability. His team featured thrice in Puthiyathalalaimurai TV -Nammal Mudiyum environment programme.



OUR DEPARTMENT FACULTY DECLARED AS ONE OF THE  
SRM GREEN AMBASSATOR AT WORLD ENVIROMENT DAY 6TH JUNE 2022



# Notable Achievements

Dr. P. Kanmani, Assistant Professor , DSBS took up the 12 Week ACM-CSEDU Course in " Machine Learning" organized by IIIT- Delhi with the support of ACM India. Based on her overall performance during the tenure of the course, she was certified to have completed the course with "Excellent Performance"



Dr. M. Prakash , Associate Professor , DSBS took up the 12 Week NPTEL Course " The Joy of Computing using Python" offered by IIT Ropar and gave the assessment during Jan - April 2022.

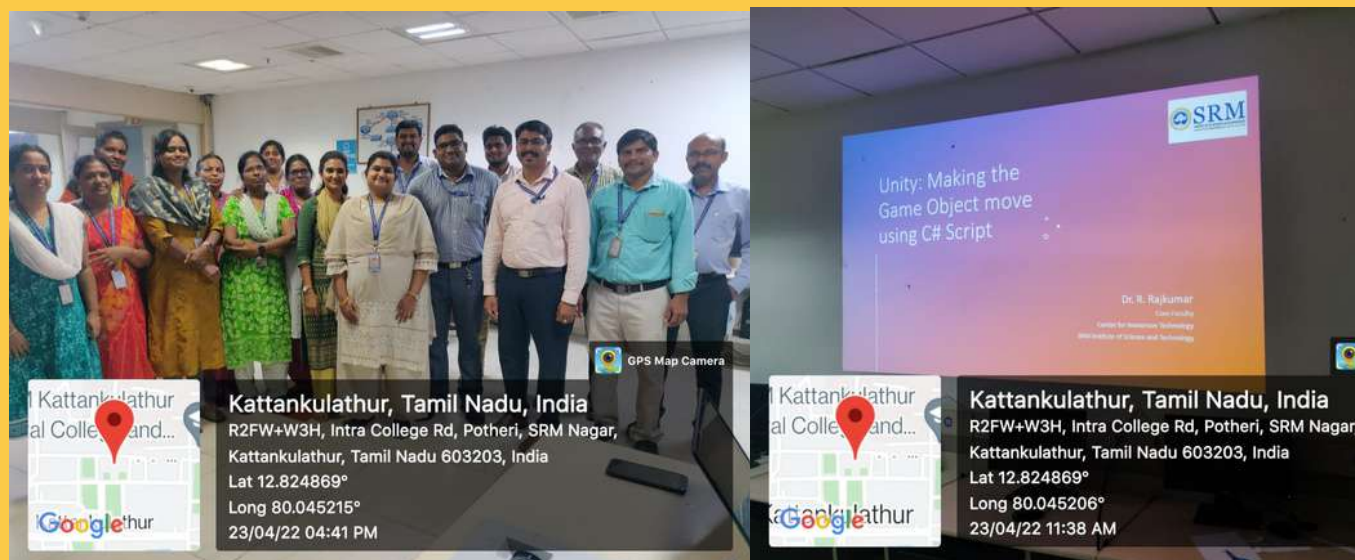
He completed the course and certified with "Elite + Silver" Medal for his outstanding performance. This course is credited as FDP too.



# Notable Achievements



Dr. R. Rajkumar, Assistant Professor is a member in Core Working Group and acted as a resource person for Faculty Refresher and Assimilation Programme (FRAP) 3.0 on 21st May 2022.



Dr. R. Rajkumar, Assistant Professor - DSBS is a Core faculty in SRM Center for Immersive Technologies and acted as a resource person on "Virtual Reality Development with Unity" on 23rd, 30th April, 07th, 14th May 2022.



## Notable Achievements



Dr. R. Rajkumar, Assistant Professor has delivered one day Workshop on Tamil Computing at Anna University Constitution College, Pattukottai, Tamil Nadu on 11th May 2022.



Dr. R. Rajkumar, Assistant Professor has delivered a guest talk on "Exploring opportunities of AR/VR in Industry 4.0" at Rajalakshmi Institute of Technology, Chennai on 7th May 2022.

**Certificate Program for Faculty in Computer Science Education**INDRAPRASTHA INSTITUTE of  
INFORMATION TECHNOLOGY DELHIfrom <https://www.acm.org/>

Computer Science education needs to undergo significant changes to keep up with the rapid development of newer technologies and areas like machine learning. It has become a challenge for teachers in many engineering colleges, universities, and institutions to upgrade their knowledge and effectively teach different CS subjects using a contemporary syllabus.

The Certificate Program in CS Education has been launched to help teachers in colleges and universities to improve their teaching.

The certificates will be issued by IIIT-Delhi. The program is supported by ACM India.

**Certified Faculty****Effective Teaching of Python**

Dr. T.Veermakali

Dr. K.Shantha Kumari

Dr. A .Shobana Devi

**Machine Learning**

Dr. P. Kanmani

Dr. T.Karthick

Dr. A. Shanthini

**Effective Teaching of****Data Structures**

Dr Paul T.Sheeba



## Microsoft Power BI Data Analyst Associate Training Program



Any Data Science is successful only if it is able to deliver the insights as convenient to the customer. Microsoft Power BI is an interactive data visualization software product developed by Microsoft with a primary focus on business intelligence

Our Faculty members, Dr. M.Sangeetha, Dr. T. Nadana Ravishankar and Dr. N.Parthiban got trained in the ICTACT - Microsoft Power BI Data Analyst Associate Training Program at PSR Engineering College, Tamilnadu from 25 to 29, April 2022



## Value Additions - Certifications

Our Department Faculty have enthusiastically learning new concepts and enriching their expertise as much possible. Some of it are listed as following:

**Dr.P.Rajasekar**, Assistant Professor have completed the "Maximum number of certifications to his credit during this period of April to June, 2022

- **Matlab Certifications**

- Matlab Onramp
- Matlab for Data Processing and Visualization
- Machine Learning with Matlab
- Deep Learning Onramp
- Image Processing Onramp
- Reinforcement Learning Onramp



- **AWS Academy Graduate** - AWS Academy Machine Learning Foundations
- **Barefoot Counsellor Training**
- **Great Learning**
  - Basics of Machine Learning
  - Data Visualization using Python
  - Data Visualization using Tableau

**Dr. A.Shobanadevi**

- ExcelR Certification in Artificial Intelligence
- AWS Academy Graduate - AWS Academy Machine Learning Foundations

**Dr. N.Parthiban**

- LinkedIn Learning Certification in Processing: Interactive Data Visualization

**Dr. S.Suchithra**

- AWS Academy Graduate - AWS Academy Machine Learning Foundation



## Journal and Conference Publications

- Mani, Vinodhini, Prakash Manickam, Youseef Alotaibi, Saleh Alghamdi, and Osamah Ibrahim Khalaf. "Hyperledger healthchain: patient-centric IPFS-based storage of health records." *Electronics* 10, no. 23 (2021): 3003.
- Vinodhini, M., and M. Prakash. "A patient-centric doctor referral model based on hyperledger chaincode." 2021 IEEE International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS). IEEE, 2021.
- Jayapradha, J., Prakash, M., Alotaibi, Y., Khalaf, O. I., & Alghamdi, S. A. (2022). Heap Bucketization Anonymity—An Efficient Privacy-Preserving Data Publishing Model for Multiple Sensitive Attributes. *IEEE Access*, 10, 28773-28791.
- Jayapradha, J., & Prakash, M. (2022). A Survey on Privacy-Preserving Data Publishing Methods and Models in Relational Electronic Health Records. In *Sustainable Advanced Computing* (pp. 645-661). Springer, Singapore.
- Hemavathi, D., Chaputsira, S. H., Sujatha, G., Sindhu, S., & Sornalakshmi, K. (2021). Analysis of text classification methods with large volume of tweets using deep learning. *International Journal of System of Systems Engineering*, 11(3-4), 417-429.

## Journal and Conference Publications

- Subashini, B., and D. Hemavathi. "Detecting the Traceability Issues in Supply chain Industries using Blockchain Technology." 2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI). IEEE, 2022.
- Srividhya, S., and Suresh Sankaranarayanan. "IoT Enabled Energy Efficient Routing in Forest Fire." ICCCE 2021. Springer, Singapore, 2022. 29-35.
- Mathur, Rohan, Tejas Chintala, and D. Rajeswari. "Detecting Criminal Activities and Promoting Safety Using Deep Learning." In 2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), pp. 1-8. IEEE, 2022.
- Rajeswari, D., R. Srinivasan, S. Ramamoorthy, and M. Pushpalatha. "Intelligent Refrigerator using Machine Learning and IoT." In 2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), pp. 1-9. IEEE, 2022.
- Anand, Akshat, Ravi Patel, and D. Rajeswari. "A Comprehensive Synchronization by Deriving Fluent Pipeline and Web Scrapping through Social Media for Emergency Services." 2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI). IEEE, 2022.



## Journal and Conference Publications

- Khan, Oneza Tehreem, and D. Rajeswari. "Brain Tumor detection Using Machine Learning and Deep Learning Approaches." 2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI). IEEE, 2022.
- Sikka, Dhruv, D. Rajeswari, and M. Pushpalatha. "Prediction of Delamination Size in Composite Material Using Machine Learning." 2022 International Conference on Electronics and Renewable Systems (ICEARS). IEEE, 2022.
- Ramprasath, M., K. Dhanasekaran, T. Karthick, R. Velumani, and P. Sudhakaran. "An Extensive Study on Pretrained Models for Natural Language Processing Based on Transformers." In 2022 International Conference on Electronics and Renewable Systems (ICEARS), pp. 382-389. IEEE, 2022.
- Li, Xiao, P. Manivannan, and M. Anand. "Task Modelling of Sports Event for Personalized Video Streaming Data in Augmentative and Alternative Communication." Journal of Interconnection Networks (2022): 2141027.
- Jeyaselvi, M., Sathya, M., Suchitra, S., Jafar Ali Ibrahim, S., & Kalyan Chakravarthy, N. S. (2022). SVM-Based Cloning and Jamming Attack Detection in IoT Sensor Networks. In Advances in Information Communication Technology and Computing (pp. 461-471). Springer, Singapore.
- Manimegalai, T., Ravishankar, T. N., Kannagi, L., Kannan, K., & Anitha, G. (2022, April). A Novel approach for Data mining Classification using J48DT Classifier for Intrusion Detection System. In 2022 IEEE 11th International Conference on Communication Systems and Network Technologies (CSNT) (pp. 601-607). IEEE.

## Research Patent Published



Title of the invention :

Intelligent facial emotional Recognition  
using Machine learning

Inventors : Dr. M Sangeetha, Dr.D.Hemavathi  
Dr.K.Sornalakshmi

DSBS Department, SRMIST

This innovation provides a method for predicting personality qualities from a person's facial picture and collecting and categorizing photos of various persons to put up a proposal for training. Each photo is connected to specific metadata indicating a person's personality

## Online LMS Content Creation



Dr.T.Karthick, created the digital learning materials for the course - Programming in Java - V20PCA101 using Four Quadrant (SWAYAM)

<https://learn.srmonline.in/d2l/home/7150>

Dr.A.Shanthini, created the digital learning materials for the course-Programming for Problem solving-V20UDS103 using Four Quadrant (SWAYAM)

<https://learn.srmonline.in/d2l/home/7166>





## Seminars , FDPs and Workshops

- Dr. T.Nadana Ravisankar, Assistant professor attended the one day Seminar on "Introduction to Immersive Technologies" on 09-04-2022 organized by the Center for Immersive Tecfinofogies (CIT).
- Dr.D.Hemavathi, Dr K. Sornalakshmi and Mrs.S.Srividhya
  - Attended the Online FDP - "Applications of AI in wireless communication and sensor networks" sponsored by Ministry of Electronics and Information technology (MeitY) organized by Electronics & ICT Academy, NIT Warangal and RajaRajeswari College of Engineering Bangalore during 4th-14th May, 2022.
- Dr.T.Nadana Ravisankar and Dr.J.Jeba Sonia
  - Actively participated in "Faculty Refresher and Assimilation Programme (FRAP)" held on 21 May 2022 at SRM Institute of Science and Technology, Kattankulathur, Tamilnadu.

## Certification in Barefoot Counselling

April 18-26, 2022

Barefoot counselling is a practical, hands-on approach for Teachers to understand, guide, motivate, and improve the behaviour and performance of their Peers and Students. It will help appreciate the emotional well-being of a person and human behaviour, and create a conducive office culture and amity among workers. This keeps workers motivated and they perform to the best of their capabilities.

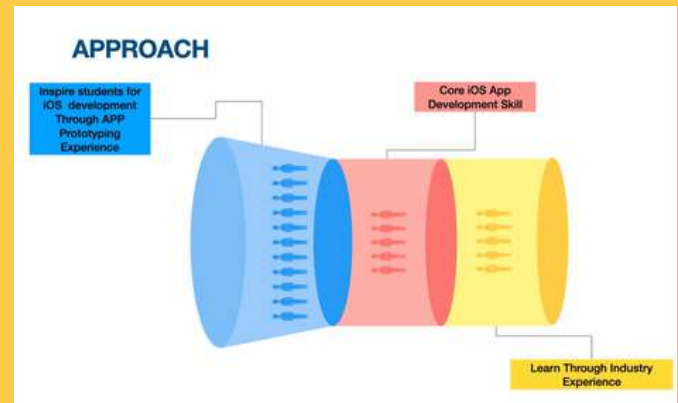
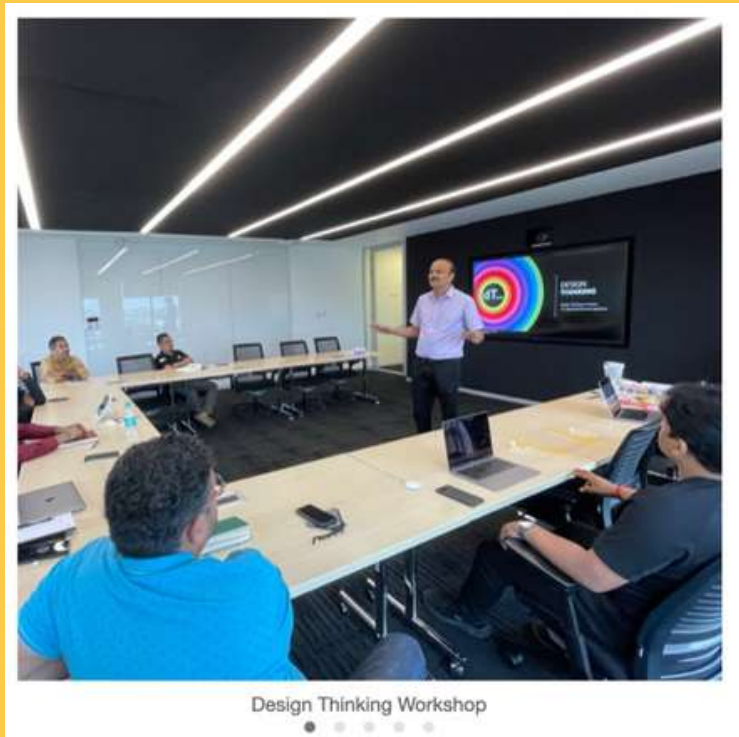
Dr.P.Rajasekar, DrT.Karthick, Dr.K.Shantha Kumari and Dr.K.Priyadarsini got trained and certified in Barefoot Counselling, organized by Department of Computing Technologies and Explore counselling in an FDP during 18.04.2022 to 26.04.2022





# iOS App Design and Development

## Preparing SRM Students for iOS App Economy Center



**CURRICULUM DESIGN**

STAGE - I iOS App Prototype Design and Swift Fundamentals	STAGE - II iOS App Development Skills	STAGE - III Industrial Internship
<ul style="list-style-type: none"> <li>• 3 - Week Credit Based Bootcamp Program (90 Hrs )</li> <li>• 150 Students</li> <li>• Skills - Design Thinking, Swift Fundamentals</li> <li>• Outcome - Clickable App Prototype</li> <li>• Select criteria - App Showcase</li> </ul>	<ul style="list-style-type: none"> <li>• University curriculum Integrated course (100 Hrs)</li> <li>• 50 Students</li> <li>• Skills -Core iOS Application Development skills</li> <li>• 1:1 Mac support</li> <li>• Outcome - Completed Application</li> </ul>	<ul style="list-style-type: none"> <li>• 8 weeks Industry Engagement</li> <li>• 50 Students</li> <li>• Industry Orientation, Work on realtime projects</li> <li>• Best Practices and Advance Technologies</li> <li>• Design and Code reviews</li> </ul>

- Dr A.Murugan , Professor and Dr P.Saravanan, Assistant Professor of our Department are part of the Core iOS Development Skill team trained by Apple certified trainers and Infosys team
- 200+ hours of face to face training
- Technical Sessions were arranged on niche areas like Design thinking, Agile Development, Advance Development Skills from Global Apple Certified trainers and Infosys ETA Team

A full-page background image featuring a person in silhouette jumping over a gap between two dark, rocky outcrops. The person is in mid-air, with arms and legs spread wide. The background is a bright blue sky with soft, white clouds. In the upper left corner, there are clusters of light pink cherry blossoms on dark green branches.

# Our Students and their Little things

# Winner - Project Expo 2022

April 11 and 12, 2022



Project Expo' 2022 was organized to motivate the zeal of the students across School of computing on April 11 and 12, 2022. The event was conducted in Hybrid Mode. Around 50 Projects were exhibited in the project. Presentations were given in Online and offline Mode. Industrial experts reviewed and judged the projects.

Our DSBS Department students Project entitled " Eye Strain and Distraction Monitoring using Machine Learning " emerged as forerunner among every other. This Project is socially relevant for caring about the vision of the students, employees who use Digital gadgets a lot for their education and career.

The First prize carried certificate to each student along with cash prize of 10,000 INR

**Student Team :** Roshana S V, Vijay Chandar, Reeba Sebastian  
II year DSBS

**Faculty Mentors :** Dr. K. Arthi and Dr. A Shobana Devi.



# Winner in Zorphix'22

May 19 2022



Zorphix is a techno-management symposium organized by the Department of Computer Science and Business Systems at Chennai Institute of Technology. "Pitchcraft" is a hackathon-styled business case competition. Participants will be given a theme before the event with which they must identify problem areas and develop solutions. Our Department, CSBS Students participated in "PitchCraft" and bagged the First Prize.

## Team Members

Ananya Krishna Preetha

Manognya Gatterreddi

Sharmishtha Bharti

Dandi Charan Datt

Doniparthi Bhuvan Chandra

# Runner-Up in HackRx 3.0

26-June-2022 - Grand Finale



HackRx is the Annual Hackathon hosted by Bajaj Finserv Group where students' get a stage for competing against the brightest of geeks, while being mentored by top leaders from the industry for developing solutions that matter!

## Team Members

Vedant Singh(DSBS),  
Tushar Vaid(DSBS),  
Kartikey Mahawar(NWC),  
Bhurva Sharma(NWC)

## Prize money 25000 INR

School of Computing Students Team Morton  
won 3rd position in HackRx 3.0

at Pune, India.  
Hosted by BAJAJ Finserv

# SRMIST Merit Scholarship

Academic Year 2021 - 2022



*We are what we repeatedly do.*

*Excellence, then, is not an act, but a habit.*

The Management of SRM is always there to encourage and support students of exemplary talent. Several scholarship are instituted to recognize excellence in academic, sports and deserving candidates.

We thank our Management and congratulate our dear students who have been awarded with Merit Scholarship based on their Academic performance in 2021-22. The Scholarship will be effective in the tuition fees for forthcoming academic year 2022-23



## Study Abroad Program [SAP] News

### Semester Exchange Program - UC Davis (Completed Successfully)



Going for a study abroad and experiencing education in a different country had always been something I wanted to do ever since I joined SRM Institute of Science and Technology in 2019. I finally was given the opportunity to go to UC Davis for my 6th semester and I can confidently say that it was an amazing experience. I had the opportunity to interact with many different professors and students at UC Davis and I was also able to learn a lot from them. Not only was the time I spent during my semester abroad beneficial from an academic stand point but I was also able to experience a completely different culture with a lot of diversity and meet fellow students from various countries like Japan, South Korea, Germany etc. I am very grateful to my Faculty advisor and SAP coordinator for being in touch with me and mentoring me during my entire time abroad and making it an experience that I shall cherish.

Saswata Lahiri

RA1911027010001, B.Tech CSE - BDA N1 Section

### Selected for Semester Exchange Program - Saxion University, Netherlands

(Starts from Sep, 2022)

**Ms Vidushi Gupta**

[ RA1911027010046] , B.Tech CSE - BDA N1 Section

### Selected List for 2+2 Program, Illinois Institute of Technology, USA

**Siddarth Jain Tater**

RA2011042010065

**Akash Bathula**

RA2011042010001

## Byzantine'22

### 13-May-2022 - Block Chain Club Event



*Blockchain Club Team with Aishwary Gupta*

Mr Aiswary Gupta started with his session, on the note of how vital change is, and web3.0 is one of the most crucial changes in the current time with concern to all the issues that web2.0 cant address, bringing him to Blockchain- working principle, gave a demo transaction which was very educational and catching for the audience continuing with smart contracts, Defi, applications of blockchain, and advancements in the field of blockchain, providing a clear picture of the overly used term decentralised

The session was very interactive and there were a lot of questions going to and fro to the speaker and the audience. One such question brought up a monetary view- stocks, he explained in the simplest examples how blockchains go a step ahead to revolutionise the stock market- hence coming to this asset “polygon- Ethereum” the decentralised Ethereum scaling platform.

## Byzantine'22

### 13-May-2022 - Block Chain Club Event

The session lasted for about an hour with Mr Gupta enlightening the future developers about all the forthcoming opportunities of the polygon, how development here has no bounds and going on touching on the future prospects in this field. He also went about the various ways to start dwelling on the matter and share pieces of information about how he himself feels about the same.



*Mr. Aishwary Gupta,*  
Growth Head - Polygon

It was a very interactive and knowledgeable session. Students took an interest and got highly engaged in Q/A sessions. Many questions were about blockchain in general, others about crypto, investing, and DeFi. Many participants got their doubts cleared about the topics and there was a very positive response. The questions touched both the technical as well as the non-technical side of the Blockchain field. Sarvottam Mishra gave a brief insight about one of our sponsors “Kryxivia” which is an MMORPG play-to-earn game. Rituraj Singh also briefed us about AEX.





# Jeffrey Ullman Colloquium

Jeffrey Ullman Colloquium has been initiated with the aim of researching effectively among the Research Scholars of Department of Data Science and Business Systems. Weekly seminar series are conducted among the Research scholars and the Faculty members. The seminar series consists of the tools, methodologies, algorithms, etc from which the researchers will get benefited. Open and regular communication is very much encouraged.

Faculty Incharge: Dr. N. Parthiban.

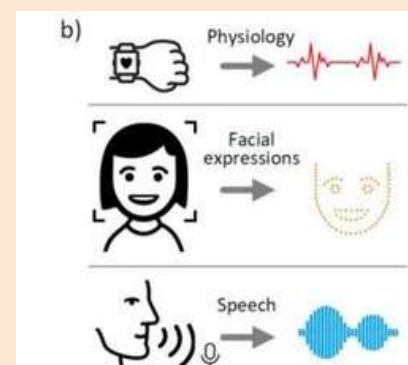


**Topic: Multimodal human stress recognition system using video and sensor modalities**

Name : Mr.Praveen Kumar

Supervisor Name : Dr.T.Karthick

Date : 09/04/2022



HAR system is used to recognize the levels of acute stress in humans by analyzing their behavioral patterns when interacting with technological devices. Features more related to stress are the acceleration, facial emotions are considered. With the help of the video and sensor data, it is now possible to monitor diverse aspects of human behavior, including behavior related to psychological state and consequently stress. Sensor data from the accelerometer and video recorded from high frame rate camera will be taken as input to model.

# Jeffrey Ullman Colloquium

## Topic: Metaverse

Name : Mrs Praveena Anjelin D

Supervisor Name : Dr.S.Ganesh Kumar

Date : 23/04/2022



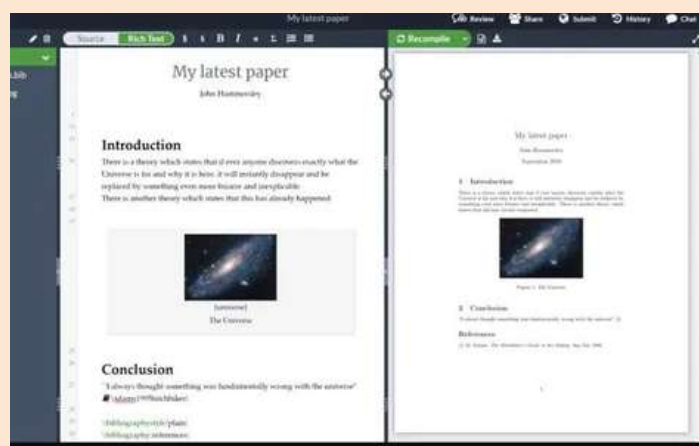
The metaverse is a concept of a persistent, online, 3D universe that combines multiple different virtual spaces. Various types of technologies were discussed like Virtual Reality, Augmented Reality, Blockchain, Artificial Intelligence, etc. There are several companies involved in initiating and creating various metaverses according to their requirements like Facebook, Amazon, Google, Roblox, etc. Discussed regarding the possibilities of doing research in Metaverse.

## Topic: Latex-Hands on session

Name : Mrs R.Mythili

Supervisor Name : Dr.N.Parthiban

Date : 14/05/2022



Latex is a document preparation system for high-quality typesetting. It is most often used for medium-to-large technical or scientific documents but it can be used for almost any form of publishing.

# Jeffrey Ullman Colloquium

Topic: Tools for Writing  
Research papers

Name : Miss K. Harshini Poojaa

Supervisor Name : Dr. S. Ganesh Kumar

Date : 21/05/2022



Many tools for research paper writing, drawing, graph creation, table creation such as WriteM, Writefull, Bio-render, Outlet.io, Scite, Semantic scholar, Zotero, Lazy scholar, Authorea were discussed.

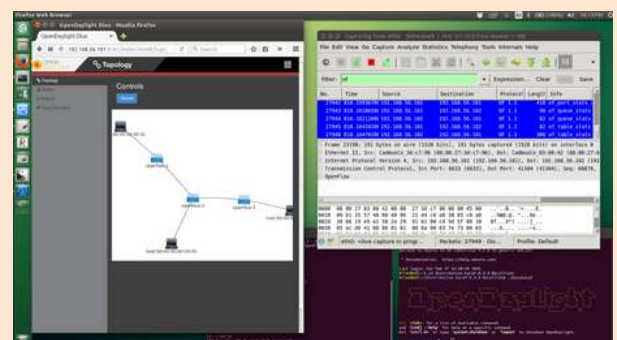


Topic: Mininet Emulator for SDN  
Controller - Hands on session

Name : Mr. S. Ramesh

Supervisor Name : Dr. Prakash

Date : 28/05/2022



Mininet is an emulator for deploying large networks on the limited resources of a simple single Computer or Virtual Machine. Mininet has been created for enabling research in Software Defined Networking (SDN) and OpenFlow. Mininet emulator allows running unmodified code interactively on virtual hardware on a simple PC.



# Jeffrey Ullman Colloquium



## Topic: Identifying predatory or cloned journals

Name : Mr.M.Mohideen Abdulkader

Supervisor Name : Dr.S.Ganesh Kumar

Date : 04/06/2022

The crucial points that have to be noted while selecting journals are discussed such as charging money for quick publication, no submission deadline, no official email ids, fake contact details, no DOI number, etc.

## Topic: Draw.io

Name : Ms.T.Anna Anbumozhi

Supervisor Name : Dr.Shanthini.A

Date : 11/06/2022

Draw.io is free online diagram software. It can be used as a flowchart maker, network diagram software, to create UML online, as an ER diagram tool, to design database schema, to build BPMN online, as a circuit diagram maker, and more.

## Topic: Funding for Research

Name : Ms.D.Praveena Anjelin

Supervisor Name : Dr.S.Ganesh Kumar

Date : 18/06/2022

Many funding schemes for research were discussed which included NCBS, DBT, DAE, CSIR, DST, BERB, etc. In addition to that funding schemes exclusively available for women was discussed.

# Statistics by DSBS Placement Cell

As on June 2022



- Marquee : 9
- Super dream: 24
- Dream: 9
- Day Sharing : 1
- Number of Companies visited: 44

# MITACS - Globalink Research Internship

April 2022



Through the Mitacs Globalink Research Internship (GRI), students undertake research projects with Canadian faculty

## *Selected Students from DSBS*

Shruthi Ramesh [RA1911027010014]

Prof Jieying Chen

"Changes to Organizational Behaviours Post Pandemic"

University of Manitoba, Winnipeg



Hardik Srivastava [RA1911027010021]

Prof. Karyn Moffatt

"Development of an intelligent Augmentative and Alternative Communication (AAC) application for people with disabilities"

McGill University – Montréal



Mudit Krishna [RA1911027010044]

Prof. Jim Clifford

"Exploring History with Augmented Reality"

University of Saskatchewan, Saskatoon



Harsh Sharma [RA1911027010085]

Prof. Fatemah H Fard

Studies of neural source code representation learning with deep learning and artificial intelligence

University of British Columbia - Okanagan Campus





# Accomplishments



**Suraj Verma , 1 year  
B.Tech Data Science**



**Zayed Haque , 1 year  
Intg M.Tech Data Science**



# Accomplishments

## Congratulations to Ms. Sneha T

Final year B.Tech - CSBS Student  
for her sports achievements



1. Star Player Award - V5 Academy
  2. Best Player Award - Rotary Club of Agaram & Millennium
  3. Runner (Mixed Doubles) - Hindustan Spotlight ,KCG College (District event)
  4. Runners (Women Doubles) - Hindustan Spotlight, KCG College (District event)
  5. Runners (Women Doubles) - PK Badminton Tournament
  6. Runners (Women Doubles) - Dr APJ Abdul Kalam Badminton Tournament
  7. Winner (Women Doubles) - Rotary Club of Agaram & Millennium
  9. Runner (Mixed Doubles) - Rotary Club of Madras Golden City
  10. Runners (Women Doubles) - Rotary Club of Madras Golden City
- ACHIEVEMENTS**
1. Secretary - Rotary Club of Madras Tnagar
  2. Regional Representative - District Annette Council





# U r Clicked



Ayush Mishra , 1 year  
Intg M.Tech Data Science



# DSBS Students Counselling Cell

BE STRONG. BE BRAVE. BE FEARLESS.  
YOU ARE NEVER ALONE



## DSBS STUDENTS COUNSELLING CELL

Email : [counsellingcell.dsbs@srmist.edu.in](mailto:counsellingcell.dsbs@srmist.edu.in)

*We are waiting to listen your thoughts*  
*Privacy is assured*

**Be renewed in the spirit of your mind**

*Dr P Rajasekar*  
*Dr T Karthick*  
*Dr K Shantha Kumari*

## Faculty Article

# Chennai Becomes Chess Capital of India

*Article Compiled by Dr. R. Rajkumar, Assistant Professor, DSBS*

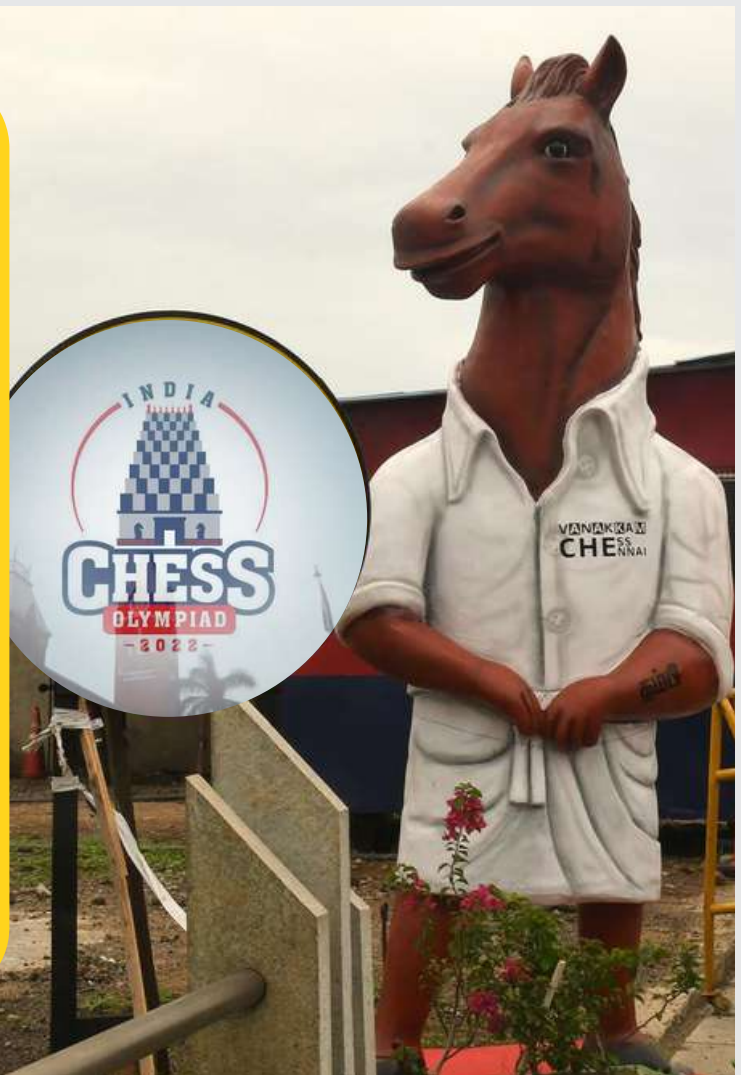
### Chennai Chess Culture

The chess tradition of Chennai goes even further back. The country's first International Master, Manuel Aaron, grew up in Tamil Nadu. The first grandmaster (Viswanathan Anand), the first female grandmaster (Subbaraman Vijayalakshmi), and the first International Arbiter are all from Chennai. One of those 'better' players was a youngster named Viswanathan Anand, who was introduced to the game by his mother in 1975 at the age of six. Chennai has the legendary 15th world champion, Viswanathan Anand, among its seven million inhabitants, as well as the talented rising star GM Praggnanandhaa.

We are very happy and delighted that our SRM alumni are representing India in the 44th FIDE Chess Olympiad-2022, which will be held from 28th July to 10th August 2022, Chennai.

**Grand Master  
SP Sethuraman**  
- SRM Alumni,  
**Grand Master  
B.Adhiban**  
- SRM Alumni,

*"Let us wish India to win the championship"*





## Faculty Article

### India and Chess

Chess was introduced to Persia from India and became a part of the princely or courtly education of Persian nobility. Around 600 CE in Sassanid Persia, the name for the game became chatrang, which subsequently evolved to shatranj after the conquest of Persia by the Rashidun Caliphate, due to the lack of native ch and ng sounds in the Arabic language. The rules were developed further during this time; players started calling "Shāh!" (Persian for "King!") when attacking the opponent's king, and Shah Mat when the king was attacked and could not escape from attack. These exclamations persisted in chess as it traveled to other lands.

India has 73 grandmasters now, up from 20 in 2007. Two of them are women. Among them is Koneru Humpy, 34, the former Women's World Rapid Chess champion. She won the title in December 2019 after a two-year maternity break. In the last five years alone, India has added an astonishing 35 GMs to its ranks. And some of them like B Adhiban are already starting to challenge the best in the world. But still, when Anand comes back to Chennai, he makes it a point to meet the younger generation.





# Faculty Article

## Generations of Chess Champions

Every generation needs a hero. For Krishnan Sasikiran, Aarthie Ramaswamy and RB Ramesh, Anand was that hero. Among the thousands who took up the sport after his success, these three rose to the top very quickly.

Aarthie Ramaswamy became the world junior U-18 champ in 1999. Twelve years after Anand attained his final GM norm, 19-year-old Sasikiran became India's fifth GM in 2000. And in 2004, Ramesh became India's 10th GM. It's interesting to see the break-up at this point 3 GMs from Tamil Nadu, 3 from West Bengal, 2 from Andhra, 2 from Maharashtra. Pretty even. But then the chess scene in Chennai exploded.

Ramesh, himself, started playing chess at the age of 12. He took to the game at the end of 1988, just after Anand became a GM, and joined the Tal Chess club which was very active at that time.

The big difference was also what the Chennai district association, the Tamil Nadu chess association and the All India Chess Federation (which was also initially registered from Chennai) were all very active in the region in the early years. There were regular tournaments, in Madurai — Mapillai Vinayagar, which were held for a couple of decades, an annual tournament in Palani was also held for a couple of decades and the Spic open in Thoothukudi. So there were quite a few Fide-rated open tournaments which were a rarity back then and that in turn gave a big push to the game.

### THE GREAT GAME

**WHAT:** 44th Chess Olympiad, the first to be held in India



**WHERE:** Mahabalipuram, 60 km from Chennai

**WHEN:** July 28 to August 10

**NUMBER OF TEAMS:** 187

**WINNERS OF 2021 OLYMPIAD:** Russia, India

### Chess & Chennai

**1947** Madras Chess Club, predecessor of the state chess association is formed

**1961** Chennai's Manuel Aaron becomes the first Indian International Master

**1972** Aaron sets up the Tal Chess Club, a pioneering private chess academy

**1987** City's Viswanathan Anand becomes India's first Grandmaster

**2001** S Vijayalakshmi from Chennai becomes India's first Woman Grandmaster

**2013** India hosts the World Championship in Chennai where Anand battles Magnus Carlsen

**2016** R Praggnanandhaa becomes world's youngest International Master at 10 years

**2022** Chennai wins bid to host the 44th Chess Olympiad

## Faculty Article

### Chess Olympiad 2022

The Chess Olympiad 2022 was originally scheduled to be held in Russia. However, the World Chess Federation (FIDE) decided to change the venue due to the ongoing Russia-Ukraine war, giving India an opportunity to host the world's biggest chess event for the first time, which will see over 2,000 visitors and players from nearly 200 countries. On its part, the Tamil Nadu government was even agile to clinch the hosting rights for the prestigious event. The 44th Chess Olympiad will be held between July 28 and August 10 in Mamallapuram, a coastal town and UNESCO Heritage site, located 40 km south of Chennai. Event to start from July 28, 2022.

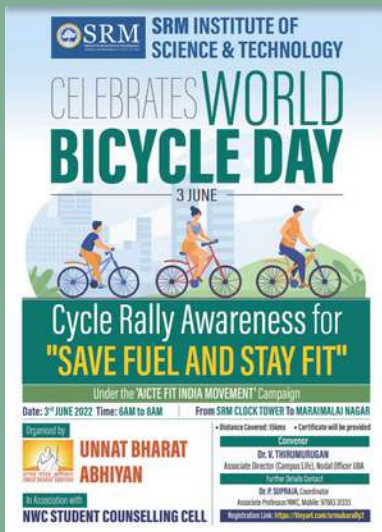


It will be the first time that an Olympiad is held in India and the biggest chess event Chennai has ever hosted. Are you interested to work as voluteer apply here:: [bit.ly/3xCUnz7](https://bit.ly/3xCUnz7)

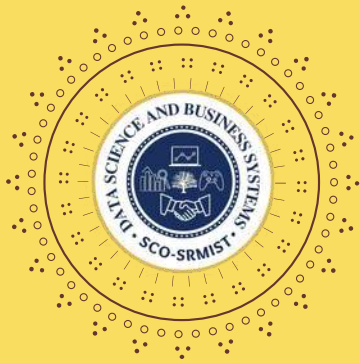
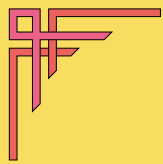
Scan and Take selfie  
**with Chess Thambi**









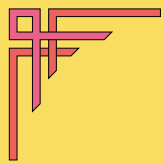


SRM Flag  
@  
Antarctica



Holi Festival Celebration





## International Yoga Day 2022



"Dear Papa" - Aaruush short film acted by Mr. Abishek - B.Tech CSBS



**Ahmed**  
@lemeahmed

Follow

" I DONT WATCH TV "

proudly says a person who spends 12 hours a day on internet.

1:03 PM - 12 Jan 2017

10 15



**Hand Solo™**  
@RdrJay47

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The majority of things I do on my smartphone aren't smart.

8:12 PM - 10 Jan 2017

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**Ramblin Mama**  
@ramblinma · [Follow](#)

"Go make some new friends," I tell my kids, as I scroll through my phone at the park.

5:32 AM · Jul 9, 2017



**Frazer King**  
@FrazKing

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Technology is getting better, yet battery's are dying faster. [#Life](#)

9:38 PM - 9 Jan 2017

34 70



# திருக்குறள் Tirukkural

## குறள் #

பணிவுடையன் இன்சொலன் ஆதல் ஒருவற்கு  
அணியல்ல மற்றுப் பிற.



உரை

தகுதிக்குக் குறைவானவரிடமும் பணிவுடன் இனிய சொற்களைச் சொல்பவனாக ஆவது ஒருவனுக்கு ஆபரணம் ஆகும்; பிற அணிகள் அணி ஆகா.

Meaning:

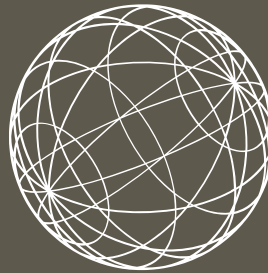
In other words, a person may possess all the worldly possessions, material, wealth, jewels but may not use pleasant words. That sort of person, though he has everything, does not have anything. Whereas, a person with humility and humbleness may not have any material possessions but has everything he needs in life because of his pleasant speech.

- Tiruvalluvar ( 2000 Years ago)

# DATA CHRONICLE

OFFICIAL NEWSLETTER

DEPARTMENT OF DATA SCIENCE  
AND BUSINESS SYSTEMS | SOC  
| SRMIST



EDITORIAL TEAM

4TH FLOOR, UNIVERSITY BUILDING, SRMIST

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