

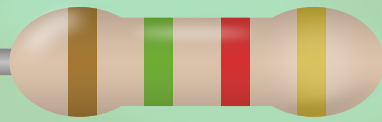


SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
Deemed to be University u/s 3 of UGC Act, 1956
VADAPALANI

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
VADAPALANI CAMPUS**

FACULTY OF ENGINEERING AND TECHNOLOGY

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**



E-CHIP



DEPARTMENT NEWSLETTER

JULY 2023 - DECEMBER 2023

BUILD 4.02

PREFACE

This is a Biannual newsletter of the Department of ECE, SRM Institute of Science and Technology, Vadapalani campus. 'E-Chip' has been successful in delivering the happenings of the Department. The newsletter does not only cover webinars and symposiums but also encompasses various other details such as placements and publications of research papers in various conferences and journals for the readers. This edition of the newsletter has incorporated designs and emerged as a blend of professionalism and innovation. Electronics and Communication have transformed the way we live, connect, and interact with the world around us. From smartphones to satellite communications, smart homes to advanced medical devices, ECE plays a pivotal role in shaping our modern society. As we embark on this exciting journey, we are thrilled to present a compilation of articles and features that showcase the vibrant spirit of our Department.

The editors from the editorial team left no stone unturned. The webinars, symposium and the FDP programmes saw numerous registrations from various institutions across the Nation.

We would like to thank Dr.C.V.Jayakumar, Dean(FET) for his guidance and mentorship, Dr.C.Gomathy, Vice Principal (Academics & Placements) for her words of encouragement, Dr. A.Shirly Edward, HOD/ECE for her unwavering support to the magazine team, Mrs. R.Sathiya and Mrs. A.Vasuki for providing us with the information we needed and guiding us in a proper way. The design team has invested a significant amount of effort and dedication in crafting the department's magazine. Their commitment and expertise are clearly evident throughout the publication, showcasing a level of professionalism that is truly commendable.

We sincerely hope the newsletter finds you in good health and keeps you informed about the department activities.

Sincerely,
The Editorial Board
E-CHIP 4.02

VISION

To produce globally competitive and socially responsible engineering graduates and to bring out quality research in the frontier areas of Electronics and Communication Engineering

MISSION

To provide quality education in the domain of Electronics and Communication Engineering through periodically updated curriculum, State of the Art laboratory facilities, collaborative ventures with the industries and effective teaching learning process.

To pursue research and new technologies in Electronics and Communication Engineering and related disciplines in order to serve the needs of Society, Industry, Government and Scientific community.

MESSAGE FROM THE HOD



Dear Readers,

Warm Greeting & Wishes from the Department of ECE!!!

It is with great pleasure and enthusiasm that I welcome you to read the BUILD 4.02 edition of our Electronics and Communication Engineering (ECE) department's bi-annual newsletter.

As we navigate the ever-evolving landscape of technology and innovation, this publication serves as a testament to our collective achievements, milestones, and the spirit of collaboration that defines our department.

This edition encapsulates the relentless pursuit of excellence that our faculty, students, and alumni embody. It is a celebration of our shared successes, a showcase of cutting-edge research, and a reflection of the vibrant and dynamic community we have cultivated.

As we reflect on the past semester, we have witnessed the outreach initiatives, informative workshops, knowledge sharing tech talks, alumni contributions, Industrial visits, research initiatives, and the continued dedication of our faculty to academic excellence.

I extend my heartfelt gratitude to the contributors, editors, and everyone involved in the creation of this newsletter. Your dedication and hard work have brought forth a publication that not only informs but also inspires.

As we embark on the journey ahead, let us continue to embrace the challenges, celebrate the triumphs, and work together to propel the ECE department to new heights. Our shared pursuit of knowledge, innovation, and excellence is what makes our community truly exceptional.

Thank you for your unwavering commitment to the success of the ECE department. I look forward to witnessing our continued growth and achievements in the coming years.

Wishing you all an engaging and inspiring read!

**Regards ,
Dr.A.Shirly Edward**

THE E-CHIP TEAM

EDITORIAL BOARD



Mrs. Sathiya R
Faculty Coordinator
Asst. Professor (Sr.G)
Department of ECE



Mrs. Vasuki A
Faculty Coordinator
Asst. Professor (Sr.G)
Department of ECE

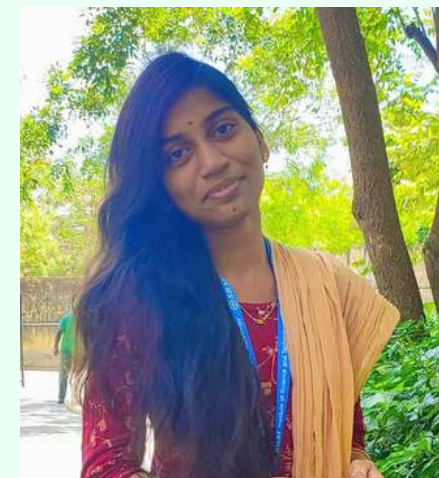
DESIGNERS & EDITORS



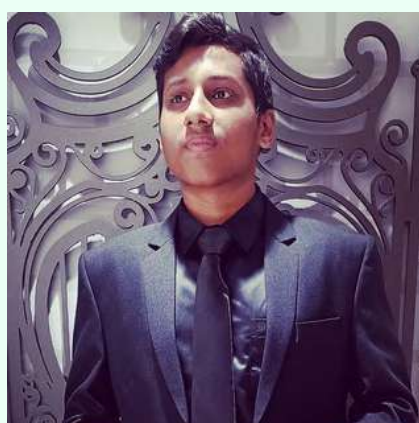
Hema M B



Srilakshmi S



Samritha K



Navithyan P



Syed Irfan S R



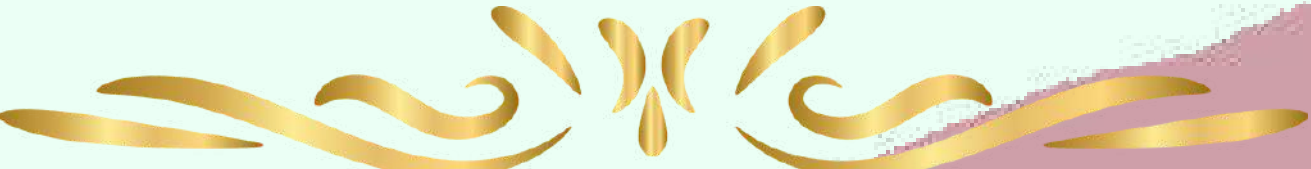


**Harihara
Subramanian N**



INDEX

<u>TITLE</u>	<u>PAGE.NO</u>
EVENTS	1
INDUSTRIAL VISIT	18
PLACEMENTS	23
ALUMNI ENGAGEMENTS	26
RESEARCH	31
INDUSTRY COLLABORATION	40
STUDENT INTERNSHIPS	41
ONLINE COURSES COMPLETED	45
FACULTY ACHIEVEMENTS	58
FACULTY INDUSTRY INTERACTION	60
FACULTY ABROAD PROGRAM	63
PROGRAMS OFFERED	64
FEEDBACK	65





EVENTS

OUTREACH EVENTS

1- WEBINAR ON LITHOGRAPHY

Domain: Lithography

Date: 21st July 2023

Faculty Coordinator: Dr.S.Karthik & Mr.A.Dinesh Babu

The ECE department, with the Alumni Affairs and IEEE Student Chapter hosted a webinar on lithography featuring ASML Application Engineer and alumnus Mr. Rishab Bagani. The session covered lithography principles, and applications in the semiconductor industry, highlighting advancements. The event fostered collaboration within the nanotechnology community.



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
FACULTY OF ENGINEERING AND TECHNOLOGY
VADAPALANI CAMPUS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
&
DIRECTORATE OF ALUMNI AFFAIRS

IN ASSOCIATION WITH
IEEE STUDENT CHAPTER

PRESENTS

WEBINAR ON LITHOGRAPHY

"Illuminating the Path of Nanofabrication : Unveiling the Marvels of Lithography"

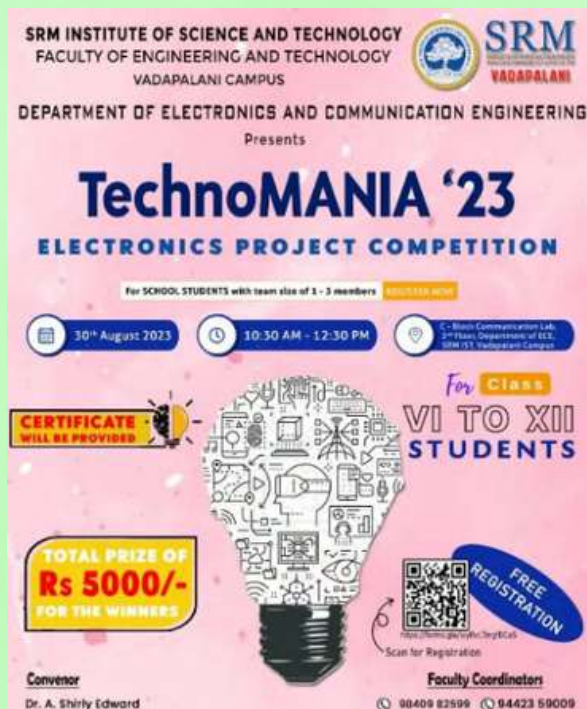
21st July 2023 7:00 PM Meeting ID: 918-4094-1702
Passcode: 749470

SPEAKER

Mr. Rishab Bagani
Application Engineer
Demolab
ASML (Advanced Semiconductor
Materials Lithography), Netherlands
Batch : 2009 - 2013

Convener
Dr. A. Shirly Edward
HOD / ECE

Faculty Coordinators
Dr. S. Karthik
A.P (S.O) / ECE
Mr. A. Dinesh Babu
A.P (Sr.O) / ECE



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
FACULTY OF ENGINEERING AND TECHNOLOGY
VADAPALANI CAMPUS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Presents

TechnoMANIA '23

ELECTRONICS PROJECT COMPETITION

For SCHOOL STUDENTS with team size of 1 - 3 members

30th August 2023 10:30 AM - 12:30 PM

CERTIFICATE WILL BE PROVIDED

TOTAL PRIZE OF Rs 5000/- FOR THE WINNERS

For Class VI TO XII STUDENTS

FREE REGISTRATION

Convener
Dr. A. Shirly Edward

Faculty Coordinators
98409 82599 94423 59009



2- TechnoMANIA-ELECTRONICS PROJECT COMPETITION-2023

Domain: Project Competition for School students

Date: 30th August 2023

Faculty Coordinator: Mrs.A.Vasuki & Dr.R.Bhairavi

SRM Institute of Science and Technology, Vadapalani campus organized the TechnoMANIA ELECTRONICS PROJECT Competition for school students. Participants from schools like Velammal Vidyalaya, St. John's Public School, Christian Matric higher secondary school, Sri Krishna Swami Vidhyashram, Vivekananda Vidyalaya, Shri A Ganeshan Matric higher secondary school and others showcased nearly 30 projects, including Bluetooth-controlled cars and radar-based object detection. Dr. Priti Rishi and Dr. J Anita Christaline evaluated the projects. Winners received cash prizes and certificates.



OUTREACH EVENTS

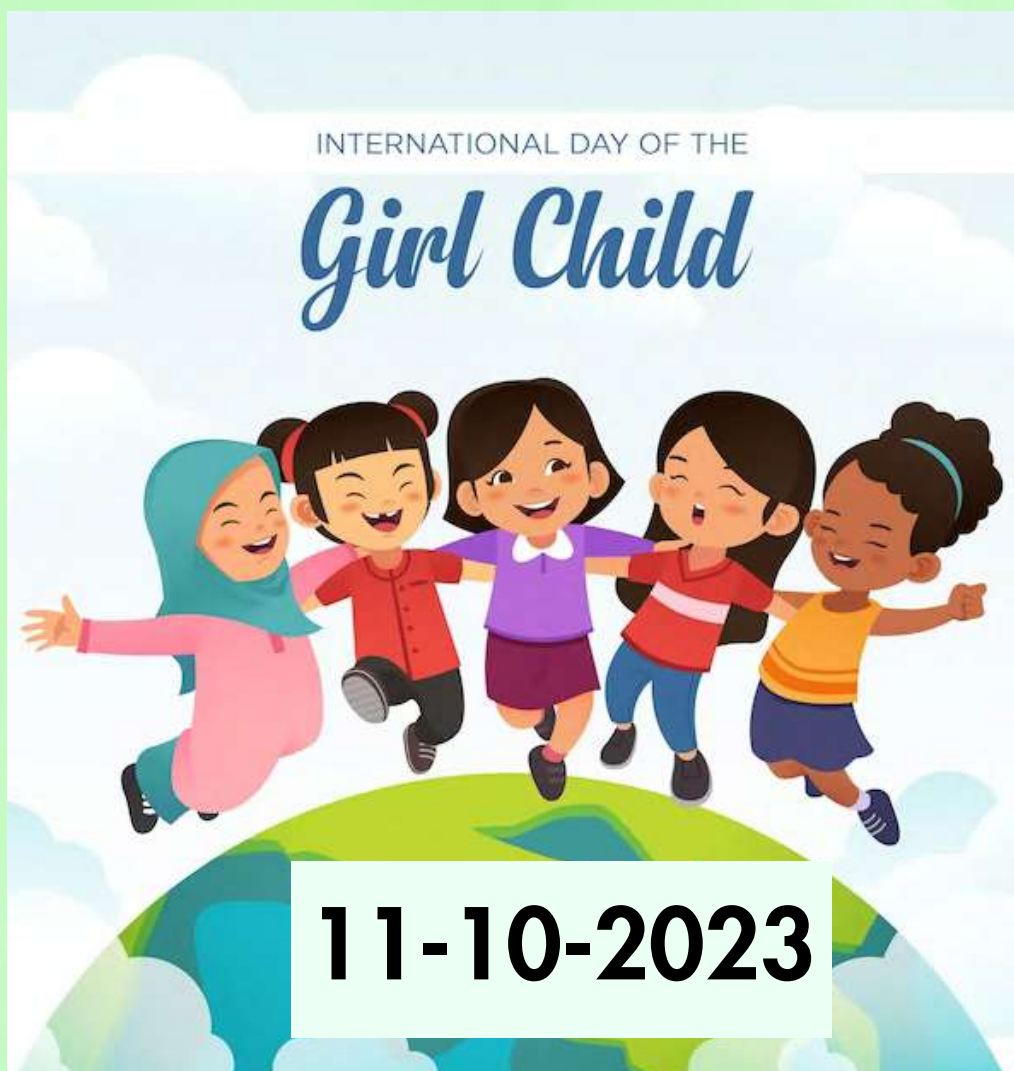
3- ELECHACKS 2023

Domain: NATIONAL LEVEL HACKATHON

Date: 26th & 27th September 2023

Faculty Coordinator: Dr.Priti Rishi & Mrs.R.Sathiya

The Department of Electronics and Communication Engineering at SRM Institute of Science and Technology, Vadapalani Campus organized the 'ELECHACKS' event in an online mode. As a Nationwide Hackathon, it served as an outreach initiative of the ECE Department. Dr. Shirly Edward, the Head of the ECE Department, expressed her best wishes to participants, while Dr. Priti Rishi, Associate Professor, outlined the program's objectives. The event featured challenging questions, educational tutorials, and diverse participation, with over 100 participants contributing to its success.



4- GENERAL AWARENESS ON INTERNATIONAL GIRL CHILD DAY

Domain: Awareness QUIZ

Date: 11th October 2023

Faculty Coordinator: Dr.Anju M I & Dr. Kavitha V P

International Girl child day is celebrated on October 11, 2023, the International Day of the Girl Child aims to highlight global challenges faced by girls and emphasize their rights and empowerment. To promote awareness, an online quiz on "General Awareness on International Girl Child Day" was conducted as part of an outreach program. E-certificates were distributed, attracting participants from diverse regions in India, regardless of gender.



WORKSHOPS

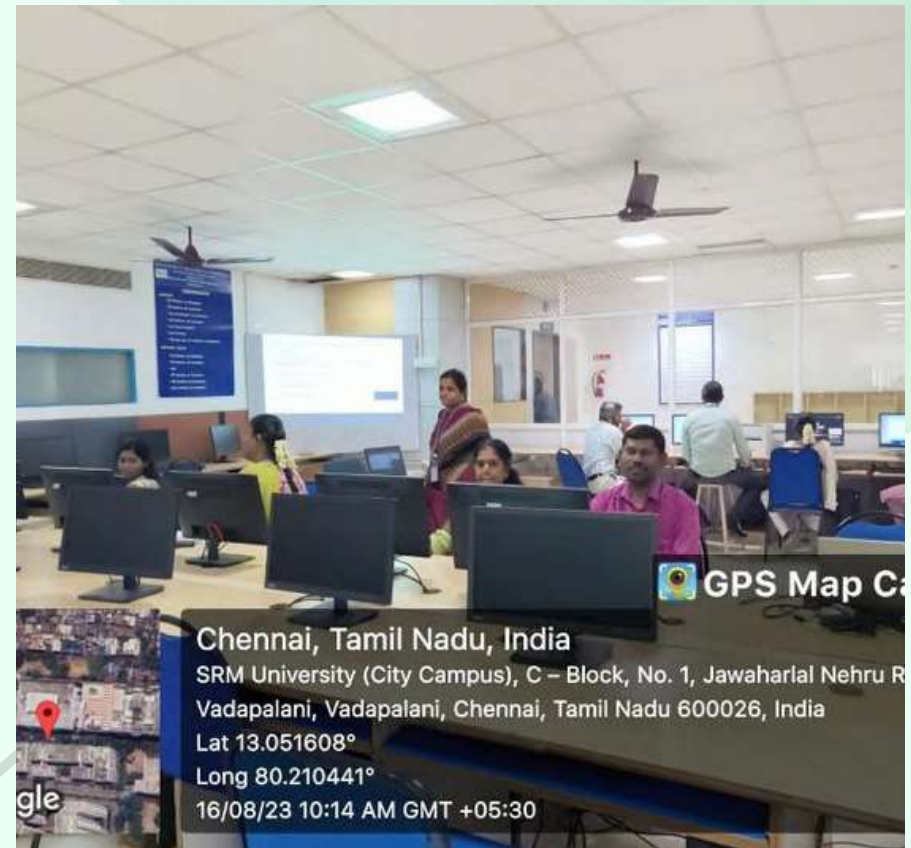
1.SKILL BUILDING WORKSHOP

Domain: Workshop

Date: 16th August 2023

Resource Person : Mrs.Akila.V

Staff members from the Department of ECE,CSE and Mechanical Engineering participated in this event . The primary objective of this workshop was to provide participants with hands-on experience in fundamentals of Python Programming .



2.UNLOCKING IoT POTENTIAL WITH ARDUINO



Domain: IETE Workshop

Date: 11th September 2023

Resource Person :

Dr. A. Shirly Edward, HOD/ECE
Mrs. V. Akila

Faculty Coordinator:

Dr. T. S. Balaji and Dr. P. Glaret Subin

The primary objective of this workshop was to provide participants with hands-on experience in utilizing Arduino for IoT projects. This event fostered a collaborative learning atmosphere, facilitating the exchange of ideas and problem-solving among attendees. It offered valuable insights into the practical applications of IoT technology, leaving participants inspired to explore further possibilities.

WORKSHOPS

3.AI NEXUS

Domain: Workshop

Date: 14th September 2023

Resource Person :

Mrs.Srividhya Subramaniam-
Principal Develop Advocate
(Zoho Catalyst)

Faculty coordinator:

Dr. S. Karthik



As a part of ABHIYAN'23 workshop AI NEXUS was organised. About 90 students participated in this event. This workshop covered various aspects of Generative AI, focusing on code samples and code generation using advanced techniques like hosting them on serverless platforms.

4.ANALOG ELECTRONIC CIRCUIT DESIGN USING LTSPICE

Domain: Workshop

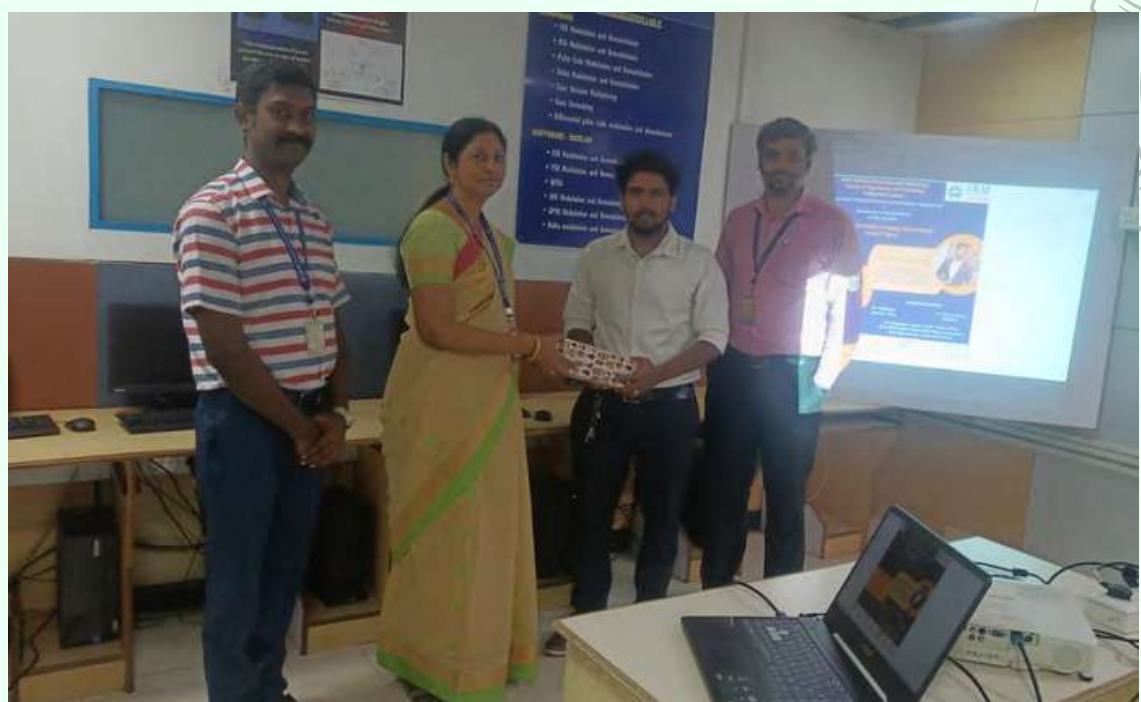
Date: 27th November 2023

Resource Person :

Mr.V.Jayanthan, (Alumnus),
Hardware design engineer,
FLDEC systems, Chennai.

Faculty coordinator:

Mr A Dinesh Babu,
Mr P Rathinakumar



Participants delved into interactive sessions, where insightful discussions, Q&A sessions and hands on practice session. The engaging atmosphere fueled curiosity and sparked dynamic conversations, making the workshop a vibrant hub of knowledge exchange.

WORKSHOPS

5. DEEP DIVE INTO GENERATIVE AI

Domain: Workshop

Date: 4th September 2023

Resource Person :

Mr. Senthil Nayagam,
AI Chief Officer, AI Design Factory

Faculty coordinator:

Dr. S. Karthik



The Department of Electronics and Communication Engineering at SRM Institute of Science and Technology, Vadapalani Campus, hosted an exceptionally informative and engaging workshop titled 'Deep Dive into Generative AI'. This workshop was conducted as a Pre event for a National level Technical Symposium -Abhigyan'23 AI renaissance.

6. COMPUTER VISION WORKSHOP

Domain: Workshop

Date: 20th September 2023

Resource Person :

Ms. Janani Suresh,
Computer Vision Engineer,
Detect Technology

Faculty coordinator:

Dr. S. Karthik



The Department of Electronics and Communication Engineering at SRM Institute of Science and Technology, Vadapalani Campus, hosted an exceptionally informative and engaging workshop titled 'Computer Vision.' This workshop was conducted as a Pre event for a National level Technical Symposium -Abhigyan'23 AI renaissance.

GUEST LECTURE

1.DESIGN THINKING for Innovation

Domain: Guest lecture

Date: 31st July 2023

Resource Person :

Dr.V.Murali Bhaskaran - Dean
Rajalakshmi Engineering College

Faculty coordinator :

Mrs.V.Akila



The chief guest started the presentation by design examples and innovation methods involved in basic articles, engineering methods in automobiles, machines, and aircraft. The students were taught about thinking concepts to be applied in various models in practical ways.

2.The Role of Cloud Computing on Digital AdTech

Domain: Guest lecture

Date: 03rd August 2023

Resource Person :

Mr.Saravanan Jaganathan, Senior
Software Engineer, Zeta Global

Faculty coordinator :

Dr. Kavitha V P



This lecture explores the significant impact of cloud computing on the realm of digital advertising technology (AdTech). It delves into the key aspects of cloud computing that have transformed the AdTech landscape, allowing businesses to reach their target audience more effectively and efficiently.

GUEST LECTURE

3. Empowering engineers: Unleashing the potential of AI and ML in Industry



Domain: Guest lecture

Date: 07th August 2023

Resource Person :

Mr. Jeevanandan K, Director-Data Engineering Servion Global Solutions Limited

Faculty coordinator: Dr. Kavitha V P

The seminar delved into the transformative impact of Artificial Intelligence (AI) and Machine Learning (ML) in various industries and underscored their significance in shaping the future of engineering.

He explored how engineers are harnessing these technologies to optimize processes, make data-driven decisions.

4. Intellectual Property Rights Awareness Program

Domain: Guest lecture

Date: 27th November 2023

Resource Person :

Mr. A Raja, Deputy Controller of Patents and Design, IPO Chennai

Faculty coordinator:

Dr. Nagarajan P
Dr. Kavitha V P



This program delved into The Intellectual Property Rights Awareness Program, sponsored by the Controller General of Patents, Design and Trademarks under the National Intellectual Property Awareness Mission-NIPAM 2.0.

TECH TALK SERIES

1. TECHNICAL TALK ON EXPLORING TOMORROW: ADVANCED HUMANITY ON EARTH, SPACE AND BEYOND

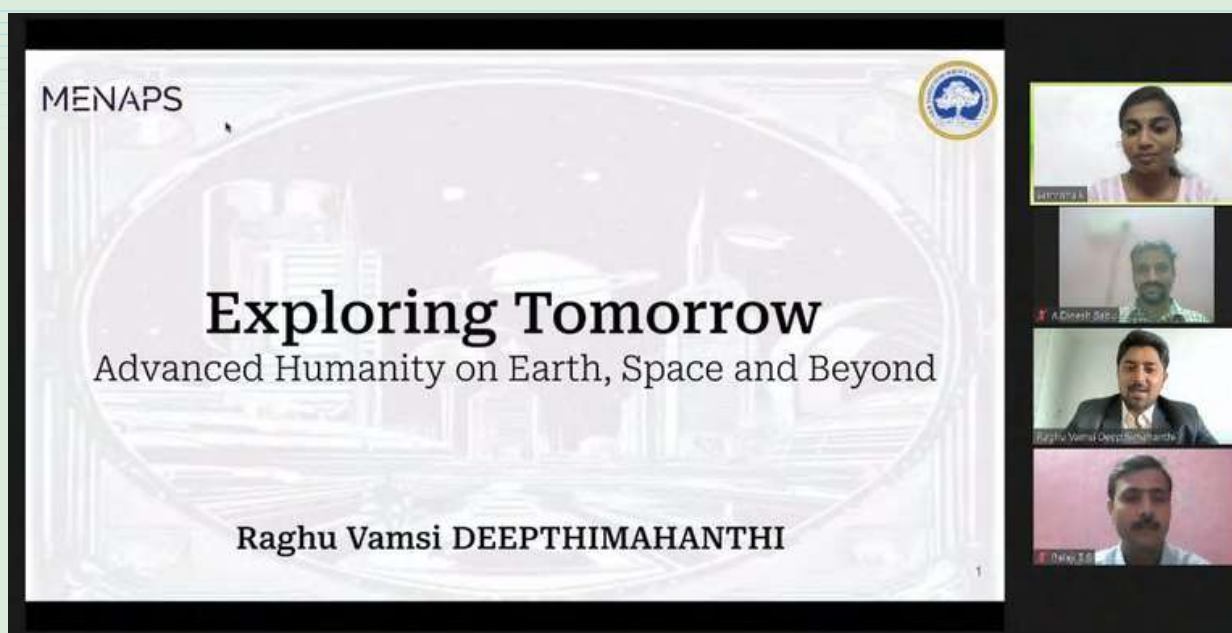
Domain : Tech Talk

Date : 14th September 2023

Resource person : Mr. Raghu Vamsi Deepthimahanthi, Applied Research and Innovation Manager, MENAPS, France (Alumni Batch 2009-2013)

Faculty coordinators : Dr T S Balaji ,Mr A Dinesh Babu

The speaker discussed various advancements in humanity on Earth, space and beyond. He also addressed about the pivotal role in human development, from basic survival to addressing global challenges.



2. TECH TALK ON PREPARING STUDENTS READY FOR TOMORROW WITH IMMERSIVE TECHNOLOGIES (AR, VR, MR)

Domain : Tech Talk

Date: 11th October 2023

Resource Person: Mr. Visweswaran.J ,Country Manager – Higher Education, ARK Infosolutions, Bangalore.

Faculty coordinators : Dr. Priti Rishi and Mr. S Balaji

The speaker delivered an engaging Tech Talk to the students, covering Augmented Reality, Virtual Reality, Mixed Reality and Artificial Intelligence applications. The session included in-depth discussions, real-time applications, and insights into career opportunities in the field.



AARAMBH'23



DATE : 13th September 2023

Faculty Coordinator :

Mr. A. Dinesh Babu

Mrs. V. Bhuvaneshwari

Chief Guest:

Mr. Krishnamani Kannan,

CEO of Startup Tales and

Vice Chairman of SSACCI

Singapore.

Guest of Honour:

Mr. Madhu G N

Alumni Batch 1997 - 2021

Deputy CEO and Chief Growth Officer of Garuda Aerospace, India

Panel Discussion :

Moderator: Mr Sriram Selvan, Host and Creator, Being Scenius Podcast

Members:

Mr. Sudarshan Varatharajan

Alumni Batch 2014 - 2018, CEO and Co-Founder, Biversity

Mr. Deepak Kumar Prabakaran, Founder, Scrollme.today

Mr. Arun Kumar , Founder, ParkQwik.



The 8th Edition of prestigious "Youth Startup Summit AARAMBH'23" event on September 13, 2023, featured guests from the startup world. It brought together the young minds with dreams of becoming an entrepreneur in the field of Engineering and Technology.

Abhigyan '23

AI RENAISSANCE

NATIONAL LEVEL TECHNICAL SYMPOSIUM



Date: 22nd September 2023

The 12th Edition of ABHIGYAN'23, a National Level Technical Symposium, organized by the Department of Electronics and Communication Engineering, SRMIST Vadapalani, was an exceptional event. The theme, "AI Renaissance," generated enthusiasm among participants from various departments, embracing the power of AI technology.

We were privileged to have Mr. S. Anand Nergunam, Vice President of Revenue Management and Growth at Zoho Corporation, Chennai, as our Chief guest, Mr. Anand Nergunam captivated the audience with his insights on AI, emphasizing the untapped potential of AI technology and the importance of research, innovation, and development.

He discussed the challenges of generative AI, highlighting authenticity issues due to data limitations, GPT, the AI model, excels in logic-based tasks but can sometimes provide inaccurate answers.

According to Mr. Anand Nergunam, AI is projected to pass the Turing test in 2029 and could achieve human-level intelligence by 2045. A future powered by AI awaits!

An inspiring gallery exhibition showcased AI projects, illustrating the growth and future of AI. The symposium featured a variety of technical and non-technical events, attracting over 200 participants from institutions across India. Winners received cash prizes.

ONAM



On 28th August 2023, SRM Institute of Science and Technology Vadapalani campus celebrated Onam with vibrant cultural events, featuring traditional dances, music, and a spirited kolam competition. The courtyard transformed into a canvas of intricate designs as students showcased their artistic talents. The event culminated with a prize distribution ceremony, recognizing outstanding contributions. Prizes were distributed by Dr.A.Shirly Edward, HoD ECE Department and Dr.Poomathi,HOD (EFL)





UHV Activities

July 2023 - Dec 2023



One day Trek and Forest Visit to AARE Falls, AP.

3 Faculty Members and 17 Student Participated



ECO Revive - Trash into Treasure Competition

15 Students participated
Bagged the 1st and 3rd Prize

Volunteering Services

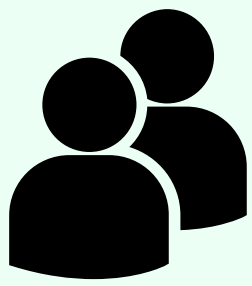
Beach Cleaning Activity, Old Age Home, Orphanage Visit, Blue Cross Vounteering, Blood Donation etc.



Green Diwali Celebration Initiative

3 Students created awareness about air pollution by reducing/without firing crackers during Diwali 2023





UHV Activities



July 2023 - Dec 2023

Students

Undergone 21LEM202T - UHV-II: UNIVERSAL HUMAN VALUES - UNDERSTANDING HARMONY AND ETHICAL HUMAN CONDUCT Course in the 3rd Semester 116 students participated.



UHV I - Certified Faculty Members

Online / In Person 16

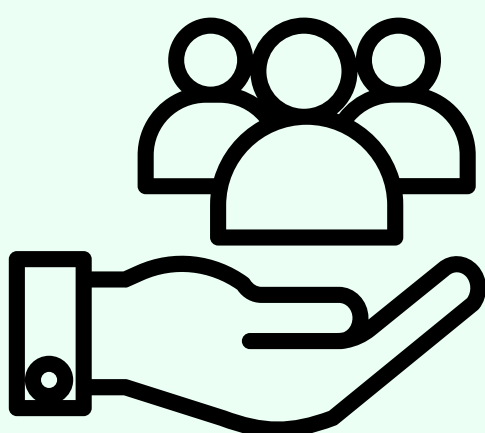
UHV II - Certified Faculty Members

Online - 2 Faculty Members have received certificates



SDP Certified Students

UHV Introductory Online Course. 12 students have received certificates



FACULTY DEVELOPMENT PROGRAM

I.HIGH PERFORMANCE VLSI ARCHITECTURES

Domain: Faculty Development Program

Date: 31st July 2023 to 05th August 2023

Faculty incharge:

Dr.P.Nagarajan and Mrs.V.Bhuvaneshwari

Resource persons:

- Dr.M.Thiruvani Associate Professor / ECE, PSNA College of Engineering & Technology,Dindigul,Tamil Nadu.
- Dr.S.Venkatesh Assistant Professor,Department of ECE, Indian Institute of Information Technology, Kottayam,Kerala.
- Dr.N.Ashok Kumar Professor/ECE Mohan Babu University (Sree Vidyanikethan Engineering College)Tirupati , Andhra Pradesh
- Dr. Ve.Jayanthi Professor & Head, Dept .of Biomedical Engineering, PSNA College of Engineering & Technology,Dindigul,Tamil Nadu.
- Dr.T.Kavitha Professor / ECE, Veltech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai,Tamil Nadu.
- Dr.S. Mahaboob Basha Professor & Head, Department of Computer Science and Engineering, Saveetha School of Engineering, Chennai, Tamil Nadu, India



FDP was organised by the Dept.of ECE ,SRMIST on “High performance VLSI Architectures for Multidisciplinary Application. Resource persons provided knowledge educators with insights and updates on cutting-edge techniques and methodologies in VLSI (Very Large Scale Integration) design specifically tailored for diverse applications across multiple disciplines.

FACULTY DEVELOPMENT PROGRAM

2.VIRTUAL POPULAR LECTURE SERIES – DBT

Domain: Faculty Development Program

Date: 16th October 2023 to 18th October 2023

Faculty incharge:

Dr.V P Kavitha

Resource persons:

- Dr. Balaji Ganesh A, Professor & Dean of Research, Velammal Engineering College, Chennai
- Dr. Mathivanan P, Assistant Professor, Department of Computer Science Engineering (Cybersecurity), School of Computing, Amrita Vishwapeetham, Chennai
- Dr. Glaret Subin P, Assistant Professor, Department of Electronics and Communication Engineering, SRMIST-Vadapalani Campus



FDP was organized by the Dept.of ECE ,SRMIST and sponsored by the Dept.of Biotechnology (DBT). "Virtual Popular Lecture Series". The aim is to explore how advancements in these fields intersect and contribute to various applications in areas such as healthcare, bioinformatics, biomedical engineering, etc.

FACULTY DEVELOPMENT PROGRAM

3.FUTURE DIRECTIONS IN IMAGE PROCESSING

Domain: Faculty Development Program

Date: 30th October 2023 to 05th November 2023

Faculty incharge:

Dr.M I Anju and Mrs.V Akila

Resource Persons:

- Mr.Anshuman Prakash, Senior Application Engineer-MATLAB,Ark infosolutions, India
- Dr. Santhosh Krishna B V, Associate Professor,Department of Computer Science and Engineering,New Horizon College of Engineering, Bengaluru
- Dr.A.Mercy Latha,Principal Scientist, CEERI, Chennai
- Mr. Srinivas Bolem, SCIENTIST,NIOT,Chennai
- Mr. Manjunatha A, AI Engineer(CV R&D) Detect Technologies IIT Chennai , India
- Dr. Neethu P S,Assistant Professor,Department of Electronics and Communication School of Engineering and Technology, Christ University (Deemed to be University), Bengaluru



FDP was organised by the Dept.of ECE ,SRMIST on "Future Directions in Image Processing".The resource persons had focused on exploring emerging trends, methodologies, and technologies in the field of image processing. Image processing is a rapidly evolving field with applications ranging from medical imaging to computer vision and beyond.



INDUSTRIAL VISIT

INDUSTRIAL VISIT

1. Electronics Test & Development Centre (ETDC), Chennai

Domain: Industrial visit

Date: 11th August 2023

Venue : Electronics Test & Development Centre (ETDC), Chennai

Faculty incharge:

Dr. Priti Rishi and Mr. A. Dinesh Babu



Students of Third year ECE / ECE-DS visited ETDC. ETDC proved to be a profound learning experience for the students. Witnessing first hand the application of theoretical concepts in a real-world setting provided valuable insights. The students expressed their gratitude for this exceptional opportunity.

2. The Integral Coach Factory (ICF) Chennai.



Domain: Industrial visit

Date: 08th September 2023

Venue :

The Integral Coach Factory (ICF), Chennai.

Faculty incharge: Dr. Anita Christaline. J and Dr. Kabilamani. P

The students from the ECE Department of SRM IST, Vadapalani had the privilege of visiting the Integral Coach Factory (ICF) located in Chennai, Tamil Nadu. The primary purpose of this visit was to gain insights into the manufacturing processes, technological advancements, and the significance of ICF in the Indian railway industry.

INDUSTRIAL VISIT

3.All India DEFENCE AND INDUSTRY Expo chennai

Domain: Industrial visit

Date: 05th September 2023

Venue :

All India DEFENCE AND INDUSTRY Expo, Chennai

Faculty incharge:

Dr. Anita Christaline. J

Dr. Kabilamani. P



The students of II-year ECE SRM IST Department, Vadapalani campus visited All India DEFENCE AND INDUSTRY Expo in Chennai trade centre .More than 350 government, public sector and private companies in the field of Electronics, Automation, Robotics, Defence had their products displayed.

4.The Integral Coach Factory (ICF) Chennai



Domain: Industrial visit

Date: 12th September 2023

Venue :

The Integral Coach Factory (ICF), Chennai.

Faculty incharge:

Dr.T.S.Balaji ,Dr. Anju M.I

The students were given a comprehensive overview of the entire production process, commencing from the initial layout design to the intricate wiring and assembly stages. Witnessing the transformation of raw materials into fully operational railway coaches with an unwavering commitment to precision and detail was truly captivating.

INDUSTRIAL VISIT

5. SeaBlue Shipyard, Cochin

Domain: Industrial visit

Date: 16th September 2023

Venue : SeaBlue Shipyard, Cochin

Faculty incharge: Dr.Kavitha.V.P
Mr.S.Balaji



The industrial visit to SeaBlue Shipyard, located in Cochin, was organised for the THIRD YEAR ECE & ECE-DS students of SRMIST, Vadapalani Campus . The purpose of the visit was to provide students with practical insights into the maritime industry, shipbuilding processes, and the application of electronics and communication engineering in the maritime sector. The visit included a comprehensive tour of the shipyard, interactive sessions with industry experts, and a demonstration of cutting-edge technology used in shipbuilding.

6. Industrial visit to Doordarshan Kendra

Domain: Industrial visit

Date: 18th October 2023

Venue : Doordarshan Kendra, Chepauk, Chennai.

Faculty incharge: Mrs. R. Sathiya
Mrs. A. Vasuki
Dr. Bhairavi
Mr. Sanjay Kumar



On October 18, 2023, the Department of Electronics and Communication Engineering (ECE), SRM Institute of Science and Technology Vadapalani, Chennai, organized an educational industrial visit to Doordarshan Kendra, Cheupak , Chennai. This visit was exclusively arranged for the first-year students of ECE and ECE-DS programs, more than 100 students visited.

During the visit, students had the opportunity to explore and gain insights into the operations of the Earth station, Transmitter, and Receiver divisions. Detailed explanations were provided regarding signal strength, bandwidth levels, and various frequencies used in broadcasting.

INDUSTRIAL VISIT

7.The Integral Coach Factory (ICF) Chennai

Domain: Industrial visit

Date: 16th September 2023

Venue : SeaBlue Shipyard, Cochin

Faculty incharge: Mr.P.Rathina Kumar
Ms.V.Akila
Dr.P.Kabilamani



The Department of ECE organized an Industrial visit to the Integral Coach Factory (ICF) Perambur, Chennai for IV year ECE, ECE-DS, ECM students. The Integral Coach factory has two main divisions such as shell division and furnishing division. The students were exposed to the both the divisions and were given explanations about manufacturing of skeletal model to the fully furnished coaches. The students were taught about the electric Motor Unit (EMU) and Vande Bharat coach manufacturing processes.





PLACEMENTS



PLACEMENTS



CONGRATULATIONS!



B.VISHAL
B.Tech - ECE DS (2020-2024)



CTC: 10 LPA



PALLABI SAHOO
B.Tech - ECE DS (2020-2024)



CTC: 7 LPA



RITY NIVEDHA Y
B.Tech - ECE DS(2020-2024)



CTC: 7 LPA



PARTHASARATHI V
B.Tech - ECE(2020-2024)



CTC: 4 LPA



SNEGHA R
B.Tech - ECE(2020-2024)



CTC: 4.5 LPA



CTC: 4 LPA



CTC: 4.5 - 6 LPA



D SASINDRA
B.Tech - ECE DS(2020-2024)



CTC: 4.75 LPA





PLACEMENTS CONGRATULATIONS!



PERLA SAKETH
B.Tech -ECM (2020-2024)



CTC:4.2 LPA



HARI BALAJI N
B.Tech - ECE (2020-2024)



CTC:4.2 LPA



AKSHAY PRASAD R
B.Tech - ECE(2020-2024)



CTC: 5 LPA



KARTHIK.B
B.Tech -ECM (2020-2024)



CTC: 5.4 LPA



SRUTHY R
B.Tech - ECM (2020-2024)



CTC: 10 LPA





ALUMNI ENGAGEMENTS

ALUMNI TALK SERIES

1. ALUMNI MENTORING SESSION ON “VLSI VOYAGE: EXPLORING DESIGN HORIZONS AND CAREER OPPORTUNITIES”

Domain : Alumni Talk

Date: 26th July 2023

Resource Person: Ms Abhirami R, Lead Design Engineer, Cadence Design Systems Private Limited, Bengaluru (Alumni Batch 2010-2014)

Faculty coordinators : Mr.S Balaji ,Mr. A Dinesh Babu

The event covered VLSI design, challenges, trends, and career opportunities, leaving attendees inspired and sparking interest in establishing a VLSI Design community for knowledge exchange.



2. ALUMNI MENTORS INTRODUCTION SESSION

Domain : Alumni Talk

Date: 28th August 2023

Resource persons : Shankhayan Das Gupta(Batch 2013-2017),Bid Manager, Growth Operations, Genpact, Yashwant Krishna (Batch 2014-2018),Solution Engineer II - Clear,Mohammed Ansari M A (Batch 2016-2020),Senior Software Engineer, ST Microelectronics, Singapore,Nishta Jethi (Batch 2017-2021),Data Management Coordinator, Hyundai GLOVIS, Canada, Krishna Kumar B (Batch 2017-2021),MSc Microelectronics, University of Liverpool, UK.

Faculty coordinators : Mr.P.Rathinakumar and Mr. A Dinesh Babu

The Alumni Mentors Introduction event is a platform where former students (alumni) of an institution engage with current students to provide guidance, share experiences, and offer mentorship. This event facilitates the exchange of insights, industry knowledge, and career advice, fostering a meaningful connection between seasoned professionals and aspiring individuals.



ALUMNI DAY

Domain: Alumni Day

Date: 23rd December 2023



Alumni Day at SRMIST, KTR, was a vibrant celebration filled with reminiscences, academic achievements, and the lasting bonds that shape our institution's heritage. Mr. Hareesh S (Alumni ECE 2009 - 2013), from the Department of ECE, representing the pioneering batch of SRMIST Vadapalani, was honored with the "Eminent Alumni Award" in the Entrepreneurship category.

ALUMNI EVENTS

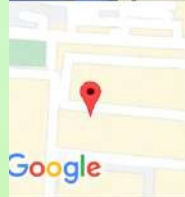
S.NO	DATE	NAME OF THE EVENT	ALUMNI NAME	Alumni Batch	Event Coordinators
1	07.10.2023	ALUMNI CONTRIBUTION - USED BOOKS WORTH OF RS.19,000/-	Mr Iyer Mukund	2013-2017	Mr A Dinesh Babu
2	07.10.2023	ALUMNI MOTIVATIONAL TALK "Guess I am Engineer Now?"	Mr Iyer Mukund	2013-2017	Mr A Dinesh Babu
3	23.08.2023	ALUMNI Visited for " STUDENT INDUCTION PROGRAM"	Mr Jayanthan V	2016-2020	Mr A Dinesh Babu
			Mr Umesh Krishna	2016-2020	
4	02.09.2023	ALUMNI VISIT	Mr Suryakailash R Mr Adharsh R J	2016-2020	Mr A Dinesh Babu
5	11.12.2023	ALUMNI VISIT	Mr Shivam Zarora	2009-2013	Mr A Dinesh Babu



GLIMPSES OF ALUMNI EVENTS



Chennai, Tamil Nadu, India
 SRM University (City Campus), C – Block, No. 1, Jawaharlal Nehru Road
 Vadapalani, Vadapalani, Chennai, Tamil Nadu 600026, India
 Lat 13.051828°
 Long 80.210422°



Chennai, Tamil Nadu, India
 SRM University (City Campus), C – Block, No. 1, Jawaharlal Nehru Road
 Vadapalani, Vadapalani, Chennai, Tamil Nadu 600026, India
 Lat 13.051586°
 Long 80.210422°
 07/10/23 09:38 AM GMT +05:30





RESEARCH

FUNDING RECEIVED

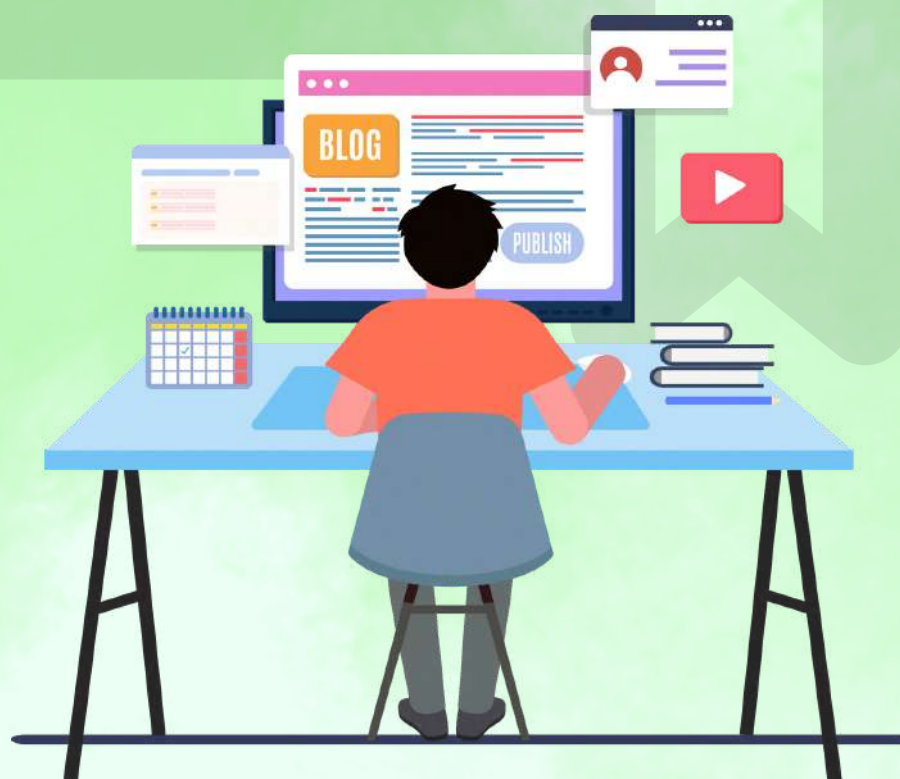
S.No	Funding applied & Received detail July 2023 – Dec 2023	Name of the Faculty	Status	Amount in Rupees
1	Shastri Indo Canadian Institute Lecture Series Grant	<u>Awardee:</u> Dr.A.Shirly Edward <u>Team Members:</u> Dr.Priti Rishi Dr.Kavitha V P	Received	25,000
2	DBT-CTEP Lecture Series	Dr.Kavitha V P	Received and completed	60,000
3	Tamil Nadu State Council for Science and Technology, Department of Higher Education, Government of Tamilnadu	Faculty - 03 Students - 09	Applied	Applied
4	SERI Project titled "Accelerating Deep Learning Algorithms: Unleashing the Power of FPGA Acceleration"	Dr.S.Karthik CO-PI	Sanctioned	3,70,000

JOURNAL PUBLICATIONS

S.No	Title of paper	Authors	Name of journal	Month & Year
1	A cross layer approach for load balancing & energy efficient QoS based routing reliability for UWSN	C.Gomathy S.Sandhiyaa,	Alexandria Engineering Journal	November 2023
2	A Review on Diagnosis of Lung Cancer and Lung Nodules in Histopathological Images using Deep Convolutional Neural Network	A.Shirly Edward P. K. Shimna, and T. V. Roshini	IEEE Xplore	July 2023
3	Comparative Analysis of Meteorological variables for Air Pollution Detection in Various Cities using ZigBee	Priti Rishi, R Sathiya, Akila V	IEEE Xplore	December 2023
4	Design and Simulation of a Novel 16T SRAM Cell for Low Power Memory Architecture	P. Nagarajan	Journal of Circuits, Systems and Computers	July 2023
5	Distributed optical fiber sensing system for leakage reduction in underground energy storage pipeline using Machine-learning techniques	P. Nagarajan	Materials for sustainable energy storage at Nano Scale	August 2023
6	Hierarchical Decoding Mechanism for Interference Cancellation in Full-Duplex Intelligent Reflecting Surfaces Aided Non-Orthogonal Multiple Access System	Vasuki A, Vijayakumar Ponnusamy	IEEE Access	July 2023
7	Machine Learning Assisted Device Modelling : A Survey	Karthik.S, Tamilarsi R,	IEEE Xplore	October 2023
8	A Comprehensive Study on Security Attacks and its Defense Techniques in Wireless Sensor Networks	Karthik S Saranya VG	IEEE Xplore	October 2023
9	Design and Analysis of Charge Pumping Circuit for Low Power Charge Pump Based Phase Locked Loop Organization	P. Nagarajan	IEEE Xplore	October 2023
10	Radar optical communication for analysing aerial targets w by boundary element mmwave signal mode	Kavitha V P	Optical and Quantum Electronics	October 2023

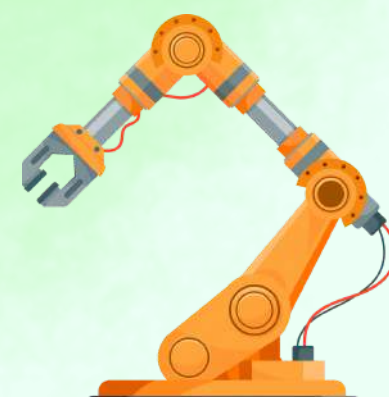
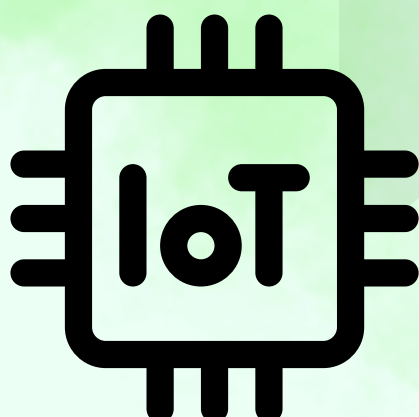
JOURNAL PUBLICATIONS

S.No	Title of paper	Authors	Name of journal	Month & Year
11	MEHW-SVM multi-kernel approach for improved brain tum	G.Dheepak, Anita Christaline.J, D.Vaishali	IET Image Processing	December 2023
12	Arduino UNO based smart irrigation system for real time	Nagarajan P	IJRES international journal	December 2023
13	An efficient convolutional histogram-oriented gradients and deep convolutional learning approach for accurate classification of bone cancer	V. P. Kavitha	Int J Imaging Syst Technology	December 2023
14	Power Energy and Power Area Product Simulation	P.Nagarajan, A.Shirly Edward	REVUE ROUMAINE DES SCIENCES TECHNIQUES— SÉRIE ÉLECTROTECHNIQUE ET ÉNERGÉTIQUE	December 2023
15	Non-Invasive Breast Cancer Detection Using Electrical Imedance Tomography: Design, Analysis and Comparison of Reconstruction Algorithms	G. Annapoorni, Dr.D.Vaishali	Traitement du Signal	December 2023



PATENTS

S.No	Invention Title	Name of Inventor(s)	Date of Publishing
1	TRI-MATERIAL BASED STRUCTURE OF DOUBLE GATE JUNCTIONLESS TFET (TMDG-JL-TFET)	1. Dr. S. Karthik 2. Mrs.R.Tamilarasi 3.Dr. K. Priyadarsini 4.Dr. T.S.Balaji 5.Mr.S.Balaji 6.Mr.P.Rathinakumar 7. Dr.V.P.Kavitha 8.Dr. Jeba Sonia	01/09/2023
2	MEDICAL WASTE TREATMENT DEVICE	Dr.P.Nagarajan	03/07/2023
3	Flexible Robotic ARM Crawler for inspecting industrial pipes	Dr.Priti Rishi Dr.Shirly Edward.A Mrs.Sathiya.R	01/09/2023
4	AGROBLOCK-AUTOMATIC SYSTEM TO DETECT THE QUALITY & PARAMETERS OF THE SOIL IN ORDER TO GAIN MAXIMUM YIELD FROM THE CROPS BY USING THE IoT-BASED DEVICE	Dr.Priti Rishi	01/12/23
5	IoT Enabled Device for automatic human body mass index measurement using for hospital	Mrs.V.Bhuvaneshwari	17/11/2023



CONFERENCE

SNO	Name of the Authors	Title of the Presentation	Name of the Conference	Organised By
1	C.Gomathy and R.Thamilchel van	Modeling Intelligent Wireless Communication Channel for 5G and Beyond using Advanced Machine learning Techniques	ICIRCA 2023	RVS college of Engineering, Coimbatore
2	Karthik S Tamilarasi R	Machinelearning Assisted Device Modelling : A Survey	ICIRCA 2023	RVS college of Engineering, Coimbatore
3	V.Bhuvanewari	NOVEL 4:1 DATA SELECTOR BASED ON CELL INTERACTION USING QUANTUM CELLULAR AUTOMATA FOR NANO-ROUTER	Innotech 2023	Asia Pacific University of Technology and Innovation, Malaysia
4	Priti Rishi, R Sathiya, Akila V	Comparative Analysis of Meteorological Variables for Air Pollution Detection in Various Cities using ZigBee	ICSSAS2023	IEEE Conference M.P.Nachimuthu M.Jaganathan Engineering College, Erode
5	ANJU M I	Deep Neural Network Based Voice-Enabled Email Framework for Visually Challenged	IEEE International Conference on Multidisciplinary Research in Technology and Management – MRTM 23	New Horizon College of Engineering, Bengaluru
6	P. Nagarajan, Kavitha, Thandapani.N, Ashokkumar.C, Kanmani Pappa	2023 4th International Conference on Smart Electronics and Communication	ICOSEC	IEEE Conference Kongunadu College of Engineering and Technology
7	V.Akila J.Anita Christaline	Investigation of Neural Correlates of head and facial movement using fNIRS	ICAEECI 2023	KSR College of Engineering

CONFERENCE

SNO	Name of the Authors	Title of the Presentation	Name of the Conference	Organised By
8	ANJU M I	IoT based Enhanced Safety Monitoring System for Underground Coal Mines using LoRa Technology	IEQIP - 2023	K L Deemed to be University
9	Saranya VG ,Karthik S	Comprehensive Study on Security Attacks and its Defense Techniques in Wireless Sensor Networks	ICOSEC	Kongunadu College of Engineering and Technology
10	G.Dheepak, D.Vaishali	ELBP: A Novel Approach for Feature Extraction and Stacking with GLCM in Advanced MRI Brain Tumor Classification	ICAISS	CARE College, Trichy
11	Rathi M, Gomathy C	Revolutionizing Agriculture with IoT - A Review	ICOSEC	Kongunadu College of Engineering and Technology
12	Tamilarasi R, Karthik S	RF Performance Based Comprehensive Review on Homo and Hetero Structure of DG-JL-TFET	ICECA	RVS college of Engineering Coimbatore
13	Tamilarasi R, Karthik S and Shirly Edward	A Survey Based on Breaking the Mooreslaw Barriers with Future Wireless Communication Systems	ICCBI	Care College of engineering

SNO	Name of the Authors	Title of the Presentation	Name of the Conference	Organised By
15	J.Anita Christaline, V. Akila,A.Vasuki, R.Sathiya	Image Processing based Counter for Blood cells	GCITC	IEEE Conference Reva University
16	Rathi M	Revolutionizing Agriculture with IoT - A Review	ICOSEC	IEEE Conference Kongunadu College of Engineering



Congratulations!



Congratulations to Mrs.R.Bhairavi, Assistant Professor, for the successful completion of PhD Viva Voce for the thesis titled, "Studies on Performance Enhancement Techniques for Data Transmission in Underwater Acoustic Sensor Networks" on 3rd July 2023 in Puducherry Technological University.

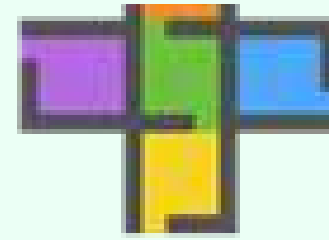


Congratulations to Ms. D. Sumithra Sofia (FT-Research Scholar) for the successful completion of PhD Viva Voce for thesis titled, "Dynamic Spectrum Allocation in Cognitive Radio Networks" on 1st December 2023 under the supervision of Dr. A. Shirly Edward, Professor & HoD, ECE.

Industry Collaboration

MoU

techindia




Date : 05th October 2023

Activities:

20 students have been shortlisted for the interview process for various domains such as Software Development, IoT, Electronics, and Circuit Design.





**STUDENT
INTERNSHIPS**



STUDENT INTERNSHIPS

S.No	Reg.No	Name	Class	Internship Details
1	RA2111004040009	SK Aadhithyan	ECE	Amphenol Omniconnect Pvt Ltd
2	RA2111004040005	Swetha S	ECE	
3	RA2111004040014	B.Hariprasath	ECE	BharatIntern Virtual Internship
4	RA2111053040015	Pavithra D	ECE DS	
5	RA2111004040017	Adithya PA	ECE	BSNL-meenambakkam
6	RA2111004040001	S.Srilakshmi	ECE	
7	RA2111004040007	Harshini E	ECE	Cubesimple - 1st floor, Tidal park, Taramani, Chennai
8	RA2211053040027	S.Harish kumaar	ECE-DS	Data science -InternIQ
9	RA2111053040027	Ajay sharma	ECE DS	DLK career development
10	RA2111053040029	Hema M B	ECE DS	Embedded system
11	RA2111053040026	Thameena N	ECE DS	Externs club
12	RA2011004040014	Vishwa Pk	ECE	IIT KANPUR
13	RA2111053040010	P. Satya bhavana	ECE DS	Internet of things - acmegrade pvt ltd
14	RA2211053040010	Navithyan P	ECE-DS	InternIQ Data science Internship
15	RA2211053040009	Syed Irfan SR	ECE DS	InternIQ Web Development Internship
16	RA2111004040014	B.Hariprasath	ECE	InternPe Virtual Internship

STUDENT INTERNSHIPS

17	RA2111004040006	Aathirai E	ECE	InternPe Virtual Internship
18	RA2111053040019	Mohamed Arshadh I	ECE DS	
19	RA2111004040016	Gopika G	ECE	
20	RA2111004040004	Dharun Viginesh.P	ECE	
21	RA2111004040020	Iyappan Yogesh	ECE	Jesuit Technologies Private Limited
22	RA2111053040012	Kishore K	ECE DS	Jesuit Technologies Private Limited
23	RA2111004040010	Ashokkumar M	ECE	
24	RA2011004040021	Aditya Presanna Nair	ECE	Motorz under CEET associated with IITMRP
25	RA2111053040007	Lalith Kumar. S	ECE DS	Servion Global Solutions Pvt. Ltd
26	RA2111004040005	SWETHA S	ECE	
27	RA2111004040009	SK AADHITHYAN	ECE	Servion Global Solutions Pvt. Ltd
28	RA2111053040011	M.Hariharan	ECE DS	Servion Global Solutions Pvt. Ltd
29	RA2111053020031	Samritha K	ECE DS	Sync interns python internship
30	RA2111004040005	Swetha S	ECE	Tessolve - Artificial Intelligence and Machine Learning
31	RA2111004040009	Aadhithyan SK	ECE	
32	RA2111004040012	Adithya Palani	ECE	
33	RA2111053040011	Hariharan M	ECE DS	
34	RA2111053040004	Praanesh J	ECE DS	
35	RA2111053040032	Pradesh T	ECE DS	VLSI GURU

STUDENT INTERNSHIPS

36	RA2111053040014	Schubert Rishvan Jebaraj	ECE-DS	InternPe Virtual Internship
37	RA2111053040024	Syed affan zaid	ECE DS	Zaib Equipments and services
38	RA2111053040034	SANJAY G	ECE-DS	ZENO
39	RA2111053040033	Aryan.A	ECE DS	Bharat Electronics Limited (BEL) Chennai
40	RA2111004040003	Hanisha Abirami B	ECE	InternPe Virtual Internship
41	RA2111053040016	Dhanush stri V	ECE DS	
42	RA2111053040028	D Deiva Prabhu	ECE DS	

TESSOLVE

A HERO ELECTRONIX VENTURE





**ONLINE
COURSES
COMPLETED**

(STUDENTS)

STUDENT ONLINE COURSES

S.No	Reg.No	Name	Course Title	Forum
1	RA2111004040001	S.SRILAKSHMI	Design thinking - A Primer	NPTEL
2	RA2111004040002	K.Anjani Prasad	English for Career Development	Coursera
3	RA2111004040003	Hanisha Abirami B	Design thinking - A Primer	NPTEL
4	RA2111004040004	Dharun Viginesh.P	Design Thinking- A Primer	NPTEL
5	RA2111004040005	SWETHA S	Design Thinking -A Primer	NPTEL
6	RA2111004040006	Aathirai E	Design Thinking -A Primer	NPTEL
7	RA2111004040007	Harshini E	Design Thinking -A Primer	NPTEL
8	RA2111004040008	P. V. N. Shashank	Machine learning Foundation	Coursera
9	RA2111004040009	SK AADHITHYAN	Design Thinking -A Primer	NPTEL
10	RA2111004040010	Ashokkumar M	Java programming	Coursera

STUDENT ONLINE COURSES

11	RA2111004040012	Aditya Palani	Python for Data Science	NPTEL
12	RA2111004040013	V.SAI SAREESH	Design Thinking- A Primer	NPTEL
13	RA2111004040014	B.Hariprasath	Design Thinking- A Primer	NPTEL
14	RA2111004040016	G.Gopika	Design Thinking - A Primer	NPTEL
15	RA2111004040017	Adithya PA	Design Thinking - A Primer	NPTEL
16	RA2111004040018	Keerthika	Design Thinking Crash Course	Udemy
17	RA2111004040019	Swetha.S	Design Thinking - A Primer	NPTEL
18	RA2111004040020	Iyappan Yogesh	Design Thinking- A Primer	NPTEL
19	RA2111004040022	Aaryan Priyadarshi	Design Thinking- A Primer	NPTEL
20	RA2111004040023	Aarav Singh	Design Thinking- A Primer	NPTEL
21	RA2111004040024	SAI SANJITH S	Design Thinking- A Primer	NPTEL

STUDENT ONLINE COURSES

22	RA2111053040001	ANUSHKA PRASAD	Python For Data Science	UDEMY
23	RA2111053040003	DISHANT	Python For Data Science	NPTEL
24	RA2111053040004	J. PRAANESH	Python for Data Science	UDEMY
25	RA2111053040005	POLISETTY PRANATHI	Python for Data Science	NPTEL
26	RA2111053040006	MERVIN ALISTER M	Python for Data Science	NPTEL
27	RA2111053040007	S LALITH KUMAR	Python for Data Science	NPTEL
28	RA2111053040008	JAGU VIGNESH KUMAR	Python for Data Science	NPTEL
29	RA2111053040009	VIVEK BENGANI	Python for Data Science	NPTEL
30	RA2111053040010	PURITIPATI SATYA BHAVANA REDDY	Python for Data Science	UDEMY
31	RA2111053040011	M HARIHARAN	Python for Data Science	NPTEL
32	RA2111053040012	KISHORE K	Python for Data Science	NPTEL
33	RA2111053040013	DARSHAN.B	Design Thinking -A Primer	NPTEL

STUDENT ONLINE COURSES

34	RA2111053040014	SCHUBERT RISHVAN JEBARAJ	Python for Data Science	NPTEL
35	RA2111053040015	PAVITHRA D	Python for Data Science	COURSERA
36	RA2111053040016	DHANUSH STRI. V	Python for Data Science	NPTEL
37	RA2111053040017	SIDDAGUNTA TEJA	Python for Data Science	COURSERA
38	RA2111053040018	R. KARTHIK RAJA	Design Thinking -A Primer	NPTEL
39	RA2111053040019	MOHAMED ARSHADH I	Python for Data Science	NPTEL
40	RA2111053040020	KARTHIKEYAN R	Python for Data Science	NPTEL
41	RA2111053040021	PARVATHA VARSHINI LS	Python for Data Science	UDEMY
42	RA2111053040022	GNANEESHWAR A D	Python for Data science	COURSERA
43	RA2111053040023	S. SHAHEEN BEGUM	Python for Data Science	COURSERA
44	RA2111053040024	SYED AFFAN ZAID	Python for Data Science	COURSERA
45	RA2111053040025	YARRAGUNTLA HARINI SAI	Python for Data Science	UDEMY

STUDENT ONLINE COURSES

46	RA2111053040026	THAMEENA N	Python for Data Science	NPTEL
47	RA2111053040027	AJAY SHARMA	Python for Data Science	NPTEL
48	RA2111053040028	D DEIVA PRABHU	Python For Data Science	NPTEL
49	RA2111053040029	HEMA M B	Python for Data Science	NPTEL
50	RA2111053040030	SAI SWAROOPA MS	Python for Data Science	COURSERA
51	RA2111053040031	SAMRITHA K	Python for Data Science	NPTEL
52	RA2111053040032	PRADHESH T	Python for Data Science	NPTEL
53	RA2111053040033	A. ARYAN	Python for Data Science	NPTEL
54	RA2111053040034	SANJAY G	Python for Data Science	UDEMY
55	RA2111053040035	SARAN G	Python for Data Science	UDEMY
56	RA2111053040036	S. H. NITHEESH	Python for Data Science	NPTEL



STUDENT ONLINE COURSES

57	RA2111004040003	Hanisha Abirami B	Fundamentals of Information security	Infosys Springboard
58	RA2111004040003	Hanisha Abirami B	Introduction to Data Science	Infosys Springboard
59	RA2111004040003	Hanisha Abirami B	Essentials of Cloud Computing	Infosys Springboard
60	RA2111004040003	Hanisha Abirami B	Python for beginners	Infosys Springboard
61	RA2111004040004	Dharun Viginesh.P	Fundamentals of Information security	Infosys Springboard
62	RA2111004040004	Dharun Viginesh.P	Python for beginners	Infosys Springboard
63	RA2111004040001	S.Srilakshmi	Fundamentals of Information security	Infosys Springboard
64	RA2111004040001	S.Srilakshmi	The complete machine learning with python	Infosys Springboard
65	RA2111004040001	S.Srilakshmi	Beginning Swift	Infosys Springboard
66	RA2111004040002	K.Anjani Prasad	Fundamentals of information technology	Infosys Springboard
67	RA2111004040002	K.Anjani Prasad	Getting started with Arduino UNO	Infosys Springboard
68	RA2111004040016	G.Gopika	Fundamentals of information security	Infosys Springboard
69	RA2111004040016	G.Gopika	Fundamentals of IOT security system	Infosys Springboard

STUDENT ONLINE COURSES

70	RA2111004040009	SK AADHITHYAN	Fundamentals of IOT security system	Infosys Springboard
71	RA2111004040009	SK AADHITHYAN	ARDUINO UNI	Infosys Springboard
72	RA2111004040009	SK AADHITHYAN	Internet of things 101	Infosys Springboard
73	RA2111004040010	M. Ashokkumar	Fundamental information security	Infosys Springboard
74	RA2111004040010	M. Ashokkumar	Decision tree using python	Infosys Springboard
75	RA2111004040010	M. Ashokkumar	Getting started with Arduino UN	Infosys Springboard
76	RA2111004040006	Aathirai E	Fundamentals of information security	Infosys Springboard
77	RA2111004040006	Aathirai E	Machine learning algorithms	Greatlearning
78	RA2111004040006	Aathirai E	AI for everyone	Coursera
79	RA2111004040006	Aathirai E	Decision trees using python	Infosys Springboard
80	RA2111004040006	Aathirai E	IoT platforms overview	Infosys Springboard
81	RA2111004040016	G.Gopika	Basics of python	Infosys Springboard
82	RA2111004040016	G.Gopika	Essentials of Cloud computing	Infosys Springboard
83	RA2111004040017	Adithya P A	Internet of things 201	Infosys Springboard
84	RA2111004040017	Adithya P A	Fundamentals of information security	Infosys Springboard

STUDENT ONLINE COURSES

85	RA2111004040014	B.Hariprasath	Basics of Machine Learning	Greatlearning
86	RA2111004040014	B.Hariprasath	Decision Trees using python	Infosys Springboard
87	RA2111004040014	B.Hariprasath	IoT Edge Computing and IoT Analytics	Infosys Springboard
88	RA2111004040014	B.Hariprasath	Introduction to HTML	Infosys Springboard
89	RA2111004040007	Harshini E	Internet of things 101	Infosys Springboard
90	RA2111004040007	Harshini E	Getting started with Arduinio UNO	Infosys Springboard
91	RA2111004040008	P.V.N. Sashank	Fundamentals of information security	Infosys Springboard
92	RA2111004040008	P.V.N. Sashank	Getting started with Arduinio UNO	Infosys Springboard
93	RA2111004040002	K.Anjani Prasad	Crash course on python	Coursera
94	RA2111004040002	K.Anjani Prasad	Basics of Machine learning	Great learning
95	RA2111004040019	Swetha.S	Fundamentals of information security	Infosys Springboard
96	RA2111004040019	Swetha.S	Introduction to Internet Of things	Infosys Springboard
97	RA2111004040020	Iyappan Yogesh S	Fundamental information security	Infosys Springboard
98	RA2111004040020	Iyappan Yogesh S	Decision Tree using python	Infosys Springboard
99	RA2111004040020	Iyappan Yogesh S	Essentials of cloud computing	Infosys Springboard

STUDENT ONLINE COURSES

100	RA2111004040010	M. Ashokkumar	Essentials of cloud computing	Infosys Springboard
101	RA2111004040005	SWETHA S	Fundamentals of information security	Infosys Springboard
102	RA2111004040005	SWETHA S	Internet of things	Infosys Springboard
103	RA2111004040005	SWETHA S	Getting started with Arduino UNO	Infosys Springboard
104	RA2111004040005	SWETHA S	Introduction to R programming	Great Learning
105	RA2111004040024	SAI SANJITH S	Essential of cloud computing	Infosys Springboard
106	RA2111004040024	SAI SANJITH S	Fundamental information security	Infosys Springboard
107	RA2111004040022	Aaryan Priyadarshi	Getting started with IoT	Infosys Springboard
108	RA2111053040007	S.Lalith Kumar	Fundamental information security	Infosys Springboard





**FACULTY
ONLINE
COURSES**

FACULTY ONLINE COURSES

S.No	Faculty Name	Course Title	Forum
1	Dr.Shirly Edward A	Educational Leadership	NPTEL
2	Dr.Shirly Edward A	5G Mobile Communications	Department of Telecommunication
3	Dr.Priti Rishi	5G Mobile Communications	Department of Telecommunication
4	Dr.Priti Rishi	Design Thinking - A Primer	NPTEL
5	Dr.P.Nagarajan	Design Thinking - A Primer	NPTEL
6	Dr.S.Karthik	Introduction to Machine Learning	Infosys Springboard
7	Dr.S.Karthik	Information Technology General control Risk Assesment	Udemy
8	Dr.P.Glaret Subin	Python for Data Science	NPTEL
9	Dr.T.S.Balaji	Design Thinking - A Primer	NPTEL
10	Mr. P. Rathina Kumar	Design Thinking - A Primer	NPTEL
11	Mrs.V.Bhuvaneswari	Design Thinking - A Primer	NPTEL

FACULTY ONLINE COURSES

S.No	Faculty Name	Course Title	Forum
12	Mrs.A.Vasuki	Basics of Software Defined Radios	NPTEL
13	Dr.Kavitha V.P	Design Thinking - A Primer	NPTEL
14	Dr.Anju M I	Interactive Skills	Infosys Springboard
15	Dr.Anju M I	Design Thinking - A Primer	NPTEL
16	Dr.Anju M I	Introduction to Data Science	Simplilearn
17	Mrs.V.Akila	Design Thinking - A Primer	NPTEL
18	Mr.S.Balaji	Design Thinking - A Primer	NPTEL
19	Dr.R.Bhairavi	Design Thinking - A Primer	NPTEL
20	Mr.A.Dinesh Babu	Design Thinking - A Primer	NPTEL
21	Mrs.R.Sathiya	Design Thinking - A Primer	NPTEL
22	Dr.P.Kabilamani	Design Thinking - A Primer	NPTEL



FACULTY ACHIEVEMENTS

FACULTY ACHIEVEMENTS

S. No	Faculty Name	Name of the organization	Year of Award	Type of Recognition
1	Dr.C. Gomathy	Lions International	Sep 2023	Academic Brilliance Recognition Award
2	Dr. P Nagarajan	CIT chennai group of institutions	Sep 2023	Chief Guest for National Level Symposium
3	Dr.S.Karthik	NTU,USA	Nov 2023	Certificate of Appreciation for Best Research Presentation
		SERI, SRMIST	Nov 2023	Co-Principal Investigator
4	Dr.Kavitha V P	International Conference on Ambient Intelligence, Knowledge informatics and Industrial Electronics	Nov 2023	Certificate of Recognition as Reviewer for IEEE International Conference
		International Conference on Networks, Multimedia and Information Technology (NMITCON)	Sep 2023	Certificate of Recognition as Reviewer for IEEE International Conference
5	Dr.R.Bhairavi	International Conference on Advances in Computational Intelligence and Communication	Dec 2023	Certificate of Appreciation for Reviewing in International Conference
6	Dr. ANJU M I	International Conference on Advances in Computational Intelligence and Communication	Dec 2023	Certificate of Appreciation for Reviewing in International Conference

Faculty Industry Immersion Program

Tessolve Semiconductors Private Limited



Domain: Faculty Industry Immersion Program(FIIP)

Date: 18th December 2023 to 22nd December 2023

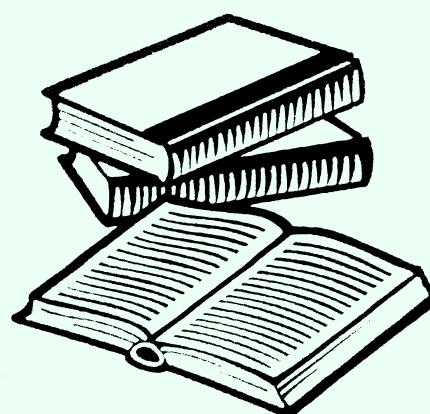
NAME OF FACULTY MEMBERS

Dr. Kavitha V P

Dr.P.Kabilamani

Mrs.V.Bhuvaneshwari

The Faculty Industry Immersion Program at Tessolve Semiconductors Private Limited was a comprehensive and enriching experience for us. The program aimed to bridge the gap between academia and industry by providing us with a good understanding of the semiconductor industry & dynamics, challenges, and advancements.



FACULTY INDUSTRY INTERACTION

PROGRAM

1- Conclave on Academic Innovations in Project Management



Our distinguished faculty members, Dr. Priti Rishi and Dr. P.Nagarajan , recently enriched their academic perspectives at a transformative conclave on project management innovations held at the L&T Convention Center, Chennai, on 1st September 2023 . This event, jointly organized by IPM L&T and the Project Management Institute, marked a significant milestone in advancing pedagogical practices. The conclave immersed attendees in a dynamic exchange of ideas, featuring interactive workshops, enlightening keynote sessions, and collaborative discussions.

2- IET's Industry Institution Summit 5.0



In a bid to bridge the gap between academia and industry, three distinguished faculty members, Mr. P. Rathinakumar, Mr. S. Balaji, and Mr. A. Dinesh Babu, from our institution recently participated in the prestigious Industry-Institution Summit 5.0, organized by The Institution of Engineering and Technology (IET) Chennai in collaboration with Nokia and Saama Technologies, this event served as a platform for knowledge exchange, networking, and fostering collaborations between academia and industry. Held at the exquisite Feathers Radha Hotel in Chennai on September 1st, 2023. The summit witnessed insightful discussions, innovative ideas, and promising partnerships.

FACULTY INDUSTRY INTERACTION

PROGRAM

3- NOKIA CHENNAI TECHNOLOGY DAY 2023



Date: 12th October 2023

Attendees:

Dr C V Jayakumar, Dean (E&T), SRMIST, Vadapalani
Dr A Shirly Edward, HOD/ECE, SRMIST, Vadapalani
Mr P Rathinakumar, Assistant Professor
Mr A Dinesh Babu, Assistant Professor

The collaboration between SRMIST, Vadapalani, and Nokia Solutions and Networks has been a journey marked by achievements, mutual growth, and innovation. The event not only celebrated past accomplishments but also set the stage for future endeavours, reinforcing the commitment to excellence and collaboration. The highlight of the event was the presentation of a prestigious award to SRMIST, Vadapalani, by Nokia Solutions and Networks, Chennai. The award was recognition of the enduring partnership and the contributions made by both institutions to the field of technology and education.

FACULTY ABROAD PROGRAM



Domain: Faculty Abroad Program

Date: 13th October 2023 to 1st December 2023

Dr. S. Karthik, Associate Professor, Department of ECE, participated in the Faculty Abroad Program at Navajo Technical University, New Mexico. Engaging with Professor Thiagarajan Soundappan, he actively acquired knowledge in various Chemical and IoT Sensors. Furthermore, he actively shared his expertise with undergraduate students in that academic setting.





PROGRAMS OFFERED (2024-2025)

- **B.Tech- Electronics and Communication Engineering**
- **B.Tech - Electronics and Communication Engineering with specialization in Data Science**
- **B.Tech - Electronics Engineering (VLSI Design and Technology) ***
- **M.Tech - VLSI Design**
- **Ph.D**

***Approval Awaiting**

APPLY NOW



FEEDBACK

For Any Queries

mail to : sathiyar1@srmist.edu.in

**To Know More About Us, Visit Our
Website**

<https://www.srmistvdp.edu.in/>

Our Social Media Handles



https://www.instagram.com/srm_ist_vdp/?hl=en



<https://www.facebook.com/SRMUniversityOfficial/>



<https://www.linkedin.com/in/ece-srmist-vadapalani-4a782a26a/>



**[https://youtube.com/@srmistvadapalanicampus484?
si=LpvVx753yB8K7fMn](https://youtube.com/@srmistvadapalanicampus484?si=LpvVx753yB8K7fMn)**



**THANK
YOU**