



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

TIRUCHIRAPPALLI

RADIANCE

SRM Institute of Science & Technology
Tiruchirappalli Campus

FACULTY OF ENGINEERING & TECHNOLOGY

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NEWSLETTER

JULY 2023



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Bamini Anand

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Institutional Events

Achievements of Students

SRM Institute of Science and Technology (SRMIST) is one of the top ranking universities in India with over 70,000 full time students and more than 3200 faculty across all the campuses - Kattankulathur, Ramapuram, Vadapalani Campus - all in and around Chennai, and Tiruchirappalli, Tamilnadu, Modinagar, NCR, Delhi - offering a wide range of undergraduate, postgraduate and doctoral programs in six Faculties - Engineering & Technology, Management, Medicine & Health sciences, Science & Humanities, Law and Agricultural Sciences.

VISION

To emerge as a World - Class University in creating and disseminating knowledge, and providing students a unique learning experience in Science, Technology, Medicine, Management and other areas of scholarship that will best serve the world and betterment of mankind.

MISSION

Move up through international alliances and collaborative initiatives to achieve global excellence. Accomplish a process to advance knowledge in a rigorous academic and research environment. Attract and build people in a rewarding and inspiring environment by fostering freedom, empowerment, creativity and innovation.

INDIA-MALAYSIA INTERNSHIP PROGRAMME

SRM Institute of Science and Technology, Tiruchirappalli has taken an initiative to collaborate with the National Youth Council, Universities and various Companies at Kuala Lumpur & Selangor, Malaysia for an International Internship Program. 15 students from Engineering and Technology (CSE, CSE-AIML, CSE-Cyber Security and ECE) and 8 students from Science and Humanities (B.com (Gen), B.Com (ISM) and BBA) got selected to attend the Students' International Internship Program at Malaysia from 02.07.2023 to 08.07.2023. The aim of the India - Malaysia International Immersion and Internship program is to help the students to get global understanding through educational and cultural exchanges.



Government and Policy Forum - Visit to Federal Ministry of Economy, Malaysia Government Our SRMIST Students visited the Federal Ministry of Economy, Malaysia Government and interacted with the Special Officer of the Minister, Mr. Thiban Subramaniam . The speaker briefed about the different economic policies that exist in Malaysian Ministry of Economy for Entrepreneurship Trading, Startups etc. He provided greater insights on how sustainable development is being achieved in Malaysia and further explained how Food Security and Agriculture is achieved through technology adoptions and food vending machine for the marginalized. Students greatly interacted and understood how poor and marginalized in Malaysia are benefitted from the economic policies of the government. The session was very interactive and all the students got benefitted greatly.



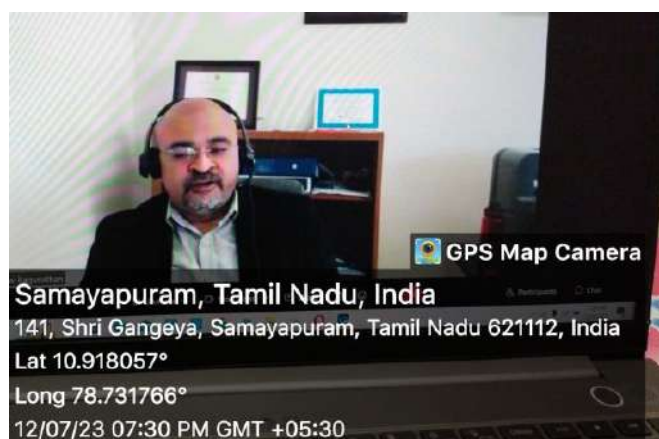
RESIDENTIAL BOOT CAMP

Residential Boot Camp' is being arranged for the III year students of Faculty of Engineering and Technology, SRM Institute of Science and Technology, Tiruchirappalli Campus from 3/7/2023 to 13/7/2023 Residential Boot Camp, a fully residential program provides an intensive training to the students to get placed in leading product and serviced based companies. 50 students got selected for this program based on merit. As it is a residential program, all the students should stay in their respective hostels. Food & Accommodation will be provided for these 10 days at free of cost. Every day, the program starts at 6.30 am with a yoga session, followed by technical sessions from 9 am to 4.30 pm. In the evening, sport activities are conducted in the ground till 7 pm. The technical sessions comprise of various events including Hackathon, Quizzes, Puzzles and Fun games. Special sessions like motivational talks, collaboration and leadership, and team building are also conducted. Technical sessions with hands-on training are conducted in labs. Group assignments related to problem solving in IT are given to students in the evening. All the above activities have been designed for the overall development of students to bring creativity, so to make them to think out of box.



21-DAY INTERNATIONAL FDP ON DATA SCIENCE TOOLS

A 21-day International Faculty Development Program on *Data Science Tools*. The Department of Computer Science and Engineering, SRM Institute of Science and Technology, Tiruchirappalli campus conducted a 21-day online International Faculty Development Program on *Data Science Tools* from July 12th 2023 to 1st August 2023. Dr. Prof. Jai Ragunathan, Assistant Head, School of Ocean Technology Memorial University of Newfoundland, Canada graced the occasion as the Chief Guest and inaugurated the programme. Around 550 participants across the country attended the program. The Chief Guest discussed about the usage of Machine Learning algorithms for Data Science applications. Dr. N. Sethuraman, Chief Director, presided over the function and talked about how Data Science plays a vital role in facilitating every organization for taking business decisions, planning, future forecasting, etc. Dr. N. Malmurugan, Director delivered a special address and talked about the importance of Big Data Analytics. He also explained about various popular tools for data analytics. Dr. Jagadeesh Kannan, Dean (E&T) delivered the felicitation address highlighting the top research areas in data science.

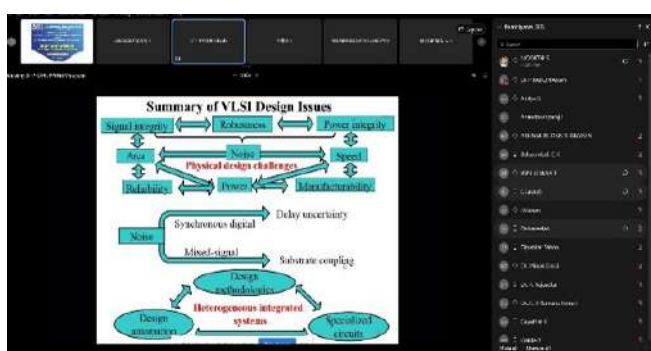
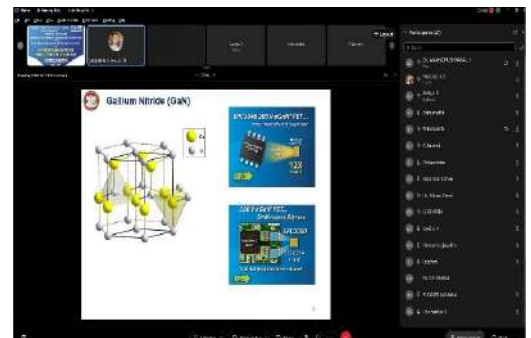


RECENT ADVANCEMENTS IN VLSI MODELLING AND IC DESIGN

The Department of Electronics and Communication Engineering, SRM Institute of Science and Technology, Tiruchirappalli Campus organised a One-week Online Short Term Training Programme on *Recent Advancements in VLSI Modelling and IC Design* from 24 July 2023 to 30 July 2023. Eminent Resource persons from academia and Industry gave their valuable insights about recent trends in VLSI and IC Design.

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
Tiruchirappalli Campus
(DEEMED TO BE UNIVERSITY)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Organizes
ONE WEEK ONLINE SHORT TERM TRAINING PROGRAMME (STTP)
on
RECENT ADVANCEMENTS IN VLSI MODELLING AND IC DESIGN
24-07-2023 to 30-07-2023
MODE : Online

<p>Dr. S. Moorthi Associate Professor, Dept. of EEE National Institute of Technology, Tiruchirappalli – 620015</p> <p>24/07/2023 11:00 AM to 12:30 PM</p> <p>TOPIC: Evolution of Electronics and Its Impact in Real Time System</p>	<p>Dr. S. Rajaram Professor, Department of ECE, Thiagarajar College of Engineering, Madurai</p> <p>25/07/2023 11:00 AM to 12:30 PM</p> <p>TOPIC: Recent Trends in IC Design</p>	<p>Dr. Chrisben Gladson RF Design Engineer, Renesas Electronics Bangalore.</p> <p>26/07/2023 11:00 AM to 12:30 PM</p> <p>TOPIC: Recent Trends in VLSI Design and IC Modelling</p>
<p>Dr. V. Senthil Rajan Analog Design Engineer-I Rohm Semiconductor India Pvt Ltd, Bangalore</p> <p>27/07/2023 11:00 AM to 12:30 PM</p> <p>TOPIC: Capacitor Multiplier Circuits for Larger onchip Capacitance</p>	<p>Dr. P. Karuppanan Assistant Professor Department of EE, Motilal Nehru National Institute of Technology, Allahabad</p> <p>28/07/2023 11:00 AM to 12:30 PM</p> <p>TOPIC: Current and Future Scope of VLSI Design</p>	<p>Dr. R. Marshal Scientist C, (CERT-In), MEITY, New Delhi</p> <p>29/07/2023 11:00 AM to 12:30 PM</p> <p>TOPIC: Circuit Designing Using Quantum Dot Cellular Automata</p>
<p>Dr. Gopal Raut Senior Research Fellow Indian Institute of Technology, Indore</p>		



ONLINE INTERNATIONAL STTP

The Department of Computer Science & Engineering organised a 15-day Online International STTP on *Empowering the Future: AI, Deep Learning and Machine Learning for Innovation and Transformation* from 24th July 2023 to 9th August 2023.



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
TIRUCHIRAPPALLI CAMPUS

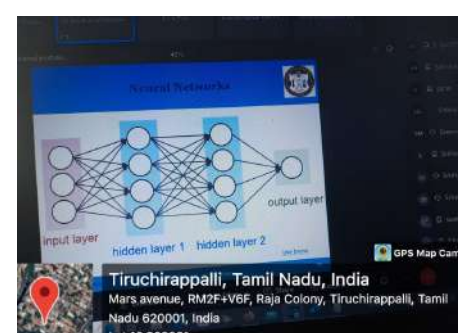
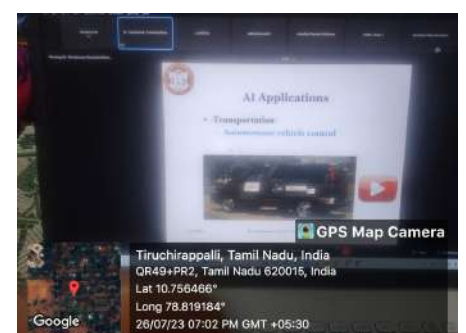
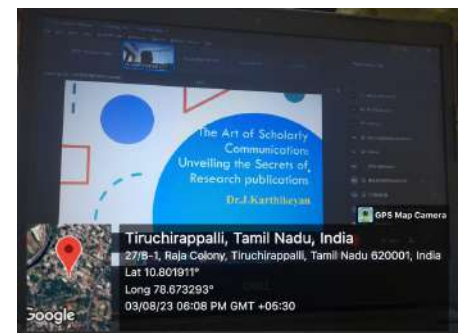
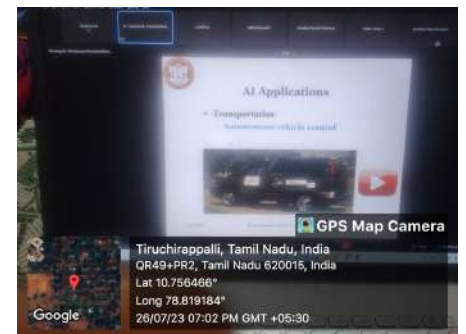
Department of Computer Science and Engineering
organizes
A 15 Days Online International STTP
on
“Empowering the Future: AI, Deep Learning and Machine Learning for Innovation and Transformation”

 <p>Dr. P.M.Dural Raj Vincent Professor, SITE VIT, Vellore, India Day 1 (24/07/2023) (6 PM To 8 PM) Topic: The AI Revolution: An Introduction to the Future of Intelligent Systems</p>	 <p>Dr. Rathinaraja Jeyaraj School of Computer Science and Engineering Kyungpook National University Daegu, South Korea Day 2 (25/07/2023) (6 PM To 8 PM) Topic: Cracking the Code of Machine Learning: A Comprehensive Introduction</p>	 <p>Dr.K Selvakumar Assistant Professor Department of CA NIT Trichy, India Day 3 (26/07/2023) (6 PM To 8 PM) Topic: Deep Dive into Machine Learning Models: Exploring Algorithms and Implementations</p>	 <p>Dr.Anbarasi Associate Professor, SSCOPE, VIT, Vellore, India Day 4 (27/07/2023) (6 PM To 8 PM) Topic: Foundations of Time Series Analysis: A hands-on approach</p>
 <p>Dr. Rathinaraja Jeyaraj School of Computer Science and Engineering Kyungpook National University Daegu, South Korea Day 5 (28/07/2023) (6 PM To 8 PM) Topic: Text Analytics for Movie Review Classification: Techniques and Applications</p>	 <p>Dr. P.M.Dural Raj Vincent Professor SITE,VIT, Vellore, India Day 6 (29/07/2023) (6 PM To 8 PM) Topic: Mastering the Art of Deep Learning: A Beginner's Perspective</p>	 <p>Dr.K Selvakumar Assistant Professor, Department of CA NIT Trichy, India Day 7 (31/07/2023) (6 PM To 8 PM) Topic: Deep Learning for Image and Speech Processing: Models and Techniques</p>	 <p>Dr. M. Venkatesan Assistant Professor Head of the Department CSE NIT Puducherry, Karaikal, India Day 8 (01/08/2023) (6 PM To 8 PM) Topic: Quantum Machine Learning Demystified: Bridging the Gap between Quantum Computing and AI</p>
 <p>Dr. Rathinaraja Jeyaraj School of Computer Science and Engineering Kyungpook National University Daegu, South Korea Day 9 (02/08/2023) (6 PM To 8 PM) Topic: Unlocking the potential of RLP with Recurrent Neural Networks: Hands-on Approach</p>	 <p>Dr.Usha Kiruthika Assistant Professor Department of CSE NIT Trichy, India Day 10 (03/08/2023) (6 PM To 8 PM) Topic: Exploring Reinforcement Learning Algorithms and Techniques</p>	 <p>Dr.J.Karthikeyan Professor, Dean Career Development SVCE,Chittoor, Andhra Pradesh, India Day 11 (04/08/2023) (6 PM To 8 PM) Topic: The Art of Scholarly Communication: Unveiling the Secrets of Research publications</p>	 <p>Dr.J.Karthikeyan Professor, Dean Career Development SVCE,Chittoor, Andhra Pradesh, India Day 12 (05/08/2023) (6 PM To 8 PM) Topic: Digital Pedagogical Tools: Transforming Education through Technology</p>
 <p>Dr. R Krishnamoorthy Professor, Dean Academic & Research SRMIST, Tiruchirappalli campus, Trichy India Day 13 (07/08/2023) (6 PM To 8 PM) Topic: An Introduction to Research Methodology: Understanding the Basics</p>	 <p>Dr. R Krishnamoorthy Professor, Dean Academic & Research SRMIST, Tiruchirappalli campus, Trichy India Day 14 (08/08/2023) (6 PM To 8 PM) Topic: Connecting Visionaries through a Funded Project Initiative</p>	<p>Day 15: Assessment and Valedictory Function</p>	

Registration Link: <https://forms.gle/1zerXtZLWrvFJ2ts5>

For any Queries, Contact:
 Dr.S.Kanaga Suba Raja- 9486684400
 Dr.P.Shanmuga Sundari- 9994467766
 Dr.V.Senthil Kumar- 9944520023

FOR ENQUIRIES: 1800 202 2535



SEMINAR ON MINIATURIZED ELECTRONICS

The Department of Electronics and Communication Engineering, organised a One-Day Seminar on *Miniaturized Electronics* for the benefit of the students of ECE on 10.07.2023 at 11 am.



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
TIRUCHIRAPPALLI CAMPUS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
organizes
ONE DAY SEMINAR
On
Miniaturized Electronics
📅 **10/07/2023**
Time: 11:00 AM – 12.30 P.M
Venue : ONLINE MODE
Who can attend : B.TechECE Students



Mr. RAJARAJA
Research Scholar,
Department of Electronics and Communication Engineering,
Thiagarajar College of Engineering,
Madurai – 625 015.

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WORKSHOP ON IEEE & EBSCO

The Department of Library organised a workshop on *How to Write a Quality Technical Paper for IEEE and EBSCO* on 14 July 2023 at 2 PM at IST Seminar Hall. Dr. Periasamy Pradeep Ravichandran, Mentor, IEEE Xplore Digital Library graced the occasion as the Chief Guest. The faculty members attended and clarified their doubts regarding the publication in the journals of EBSCO and IEEE.



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
TIRUCHIRAPPALLI

IEEE Xplore Digital Library

EBSCO host

Workshop on
How to Write a Quality Technical Paper for IEEE & EBSCO

Resource Person
Dr. Periasamy Pradeep Ravichandran
Mentor
IEEE Xplore Digital Library

Chief Patron
Dr. N.Malmurugan
Director

Patron
Dr. R.Jagadeesh Kannan
Dean/FET
Dr. R.K.Vaithyanathan
Dean/FSH

Convenor
Dr. M.Ebenezer Selvakumar
Librarian

Co-ordinators
Mr. P. Ramachandran
Assistant Librarian
Mr. P. Muthukumar
Assistant Librarian

14 July 2023 / 2.00 pm
Venue: IST Seminar Hall

Organized By
Department of Library and knowledge Resource Centre
SRM Institute of Science and Technology
Tiruchirappalli

