



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

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
VADAPALANI CAMPUS, CHENNAI - 26

ESPIRITO

Volume 13

Spirit of Engineers and Managers

2019-20



Department of
Computer Science
& Engineering



Department of
Mechanical
Engineering



Department of
Management
Studies



Department of
Electronics &
Communication
Engineering

FOR PRIVATE CIRCULATION ONLY

UNIVERSITY RANK HOLDERS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



S PRIYADHARSHINI
RA1511004040018
CGPA 96.63%



S PAVITHRA
RA1511004040045
CGPA 95.82%

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



K S ANAND
RA1511003040243
CGPA 96.68%



AMAN KUMAR
RA1511003040002
CGPA 96.05%

FACULTY OF MANAGEMENT



S DEEPTHI
RA175201040012
CGPA 91.5%



E POOVIZHI
RA175201040062
CGPA 90.6%



P BALAGANAPATHY
RA175201040069
CGPA 90.6%

DEPARTMENT OF MECHANICAL ENGINEERING



S LAKSHMI NASASHIMAN
RA1511002040013
CGPA 93.97%

SRMVMUN'19



Fourth edition of SRM Vadapalani Model United Nations
Department of English and Foreign Languages
Date : 09 August 2019 to 11 August 2019
SRM Institute of Science and Technology,
Vadapalani Campus

NCEABM' 19



National Conference on Emerging Approaches
in Business Management-Divergent Perspectives
and Dimensions

Date : 09 August 2019

Resource Person

Mr.Gopal Mahadevan
WTD and CFO,
Ashok Leyland Ltd.

GUEST LECTURE

Stock market awareness and mock trading session-NSE

Date : 14 August 2019

Resource Person

Mr .R.Senthil Murugan
Senior Manager ,
Business Development -Southern Region



GUEST LECTURE



My story session – Entrepreneurial Development

Date : 21 August 2019

Resource Person

MR. Suresh Chinnasamy,
Director,
Dosakkall Chain of Restaurants

INDUSTRIAL VISIT

KKR Group Of Companies

Date : 30 August 2019

MBA I year

KKR Metal Components,
SIDCO Industrial Estate,
Ambattur



GUEST LECTURE



Van Vyapara

Date : 26 September 2019

Resource Person

Padamashri Kalaimamani

Dr.Nalli Kuppuswamy Chetti,
Proprietor - Nalli Silks

ALUMNI TALK – 2019

Date : 27 September 2019

Resource Person

Ms.Abenaya.G,

CEO, Hotel Adore Residency,

Ms.Varshaa.N,

Sr.Accounts Executive, Pick Your Trail,

Ms.Kavitha Iyappan ,

Junior Executive-HR/Cognizant Technology Solutions,

Ms.Manju Balakrishnan ,

Business Development Manager, Eveready Industries India Ltd,

Mr.Mahmood Zayeem,

M. N Data Scientist, Tata Consultancy Services



KRIYA 2K19



A Business Model Golu

Date : 03 October 2019

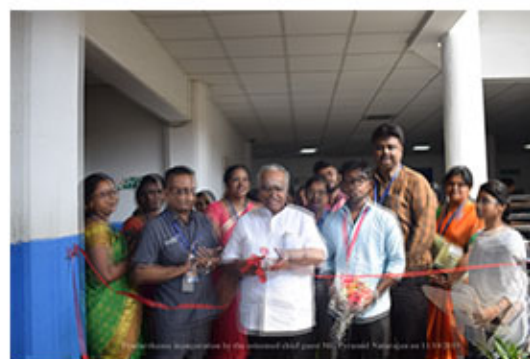
CAMPUS BAZAR

PRADARSHANEE 2019

Date : 11 October 2019

Chief Guest

Mr. Pyramid Natarajan,
Entrepreneur, Actor, Producer and
Founder of an Online Food Outlet "maavadu.in"



A WORKSHOP ON BASIC LAW



LAWCTOPUS

Date : 14 October 2019

Resource Person

Mr. C. B. Murali Krishnan
Senior Advocate

INDUSTRIAL VISIT

Metal Craft
Date : 15 October 2019
MBA I year
Metal Craft,
Ambattur



WORKSHOP ON EQUITY RESEARCH



The Wolf of Wall street

Date : 16 October 2019

Resource Person

Mr. Vivek Karwa
Practicing certified personal financial advisor,
Techno-Fundamental Analyst & Investment Strategist

WORKSHOP

BESTinU

Date : 16 October 2019

Resource Person

Mr.Krithivasan,
Head, Graduate Talent Program – India,
Virtusa Consulting Services



INDUSTRIAL VISIT



Ennore port

Date : 21 October 2019

MBA II year

HEALTHY LIVING FACTS

Faculty Development Program

Date : 24 October 2019

Resource Person

Chef. Dr. Dhamodharan



WORKSHOP

ASPIRE '19' Entrepreneurial Pitch'

Date : 19 November 2019

Resource Person

Mr.Krithivasan,

Mr. R.J.Vigneshkanth

RJ, VJ, Actor, Comedian,

Mr.Sheriff & Mr. Vivek ,

The Black Sheep, You Tube channel.

VISIT TO BRITISH COUNCIL LIBRARY

Fresher's Visit
Date : 12 July 2019



ALUMNI TECH-TALK



The Roles and Challenges for
Mechanical Engineers in Industries

Date : 19 July 2019

Resource Person

Mr.Thivyan.Mu

Assistant Manager- Business development,
Godrej & Boyce Manufacturing Company Ltd

INDUSTRIAL VISIT

Easun-MR Taps Changers Private Limited
Mech. II year
Date : 25 July 2019



INDUSTRIAL VISIT



Monotech Systems
Mech. I year
Date : 25 July 2019

INDUSTRIAL VISIT

Schwing Stetter
Mech. I year
Date : 07 August 2019



INDUSTRIAL VISIT



Daimler India Commercial Vehicles Limited
Mech. II & III year
Date : 13 August 2019

INDUSTRIAL VISIT

Grundfos Pumps
Mech. II year
Date : 16 August 2019



INDUSTRIAL VISIT



Integral Coach Factory
Mech. I year
Date : 23 August 2019

DESIGN CONTEST-AAKRUTI 2019

A National Level Product Design Contest
AAKRUTI 2019

Date : 16 September 2019

Chief Guest :

Dr.A.P.Haran

Retd. Wing Commander – IAF

Mr.Prasanna

Territory Technical Manager, Dassault Systems India

Mr.Paramanathan

Senior Engineer Wittur Elevator



NATIONAL LEVEL TECHNICAL SYMPOSIUM



KRATORQ'19

Date : 20 September 2019

Chief Guest

Mr.M.Sathyanandan,

General Manager Product Development -Engines,
Ashok Leyland, Chennai

INAUGURAL FUNCTION-IIF

The Institute of Indian Foundrymen (IIF)

Date : 01 October 2019

Chief Guest

Shri. Sanjay Shroff

President – IIF

Mr.Dhayalan

Secretary IIF



TECHNICAL PROGRAM FOR MECHANICAL STUDENTS

Technical Talk
Date : 12 October 2019

Resource Person
Mr.S.Nadimuthu,
Executive Director-marketing,
R&D SNAM alloys Pvt Ltd



BASICS OF IPR AND PROCEDURE TO FILE A PATENT



Workshop

Date : 14 October 2019

Resource Person
Mr.Udaya Shankar,
Assistant Controller of Patents
and Designs Patent Office,
Chennai

NATIONAL CHAMPION IN SAILING SPORT

Ms.Nethra Kumanan,
National champion of single handed sailing
Abu Dhabi open Regatta'19
14th-19th October.
She is currently undergoing training
to participate in Olympics 2020

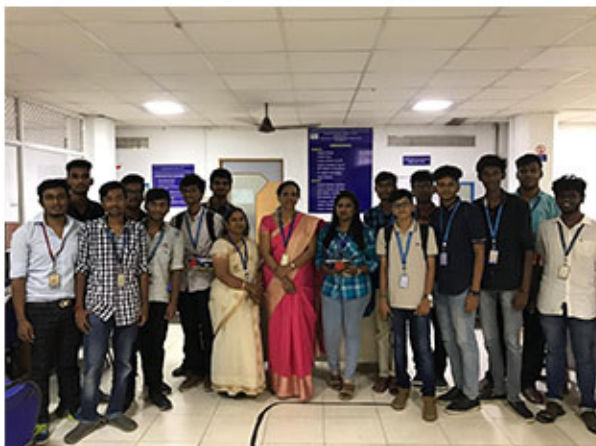


IET PATW CLN FINALS 2018 - 19

Mr. Rahul Reddy ,CSE Dept.
Winner
IET PATW CLN Finals 2018-19
Date : 21 July 2019



WORKSHOP



Aurdino Line Follower
Date : 30 July 2019 and 31 July 2019
Venue : Communications Lab

NATIONAL SEMINAR

5G – Beyond the hype
Date : 31 July 2019 & 01 August 2019
Resource Person
Mr. Agni
Nokia Solutions & Networks Ltd
Mr. Sudarshan Pitty
Nokia Solutions & Networks Ltd



IET TECHNICAL TALK



Artificial Intelligence
Date : 1 August 2019
Resource Person
Mr. Shubham Saraff
IET PATW Global Finals 2017 Winner
and an AI Start-up founder

INDUSTRIAL VISIT

Nokia Solutions & Networks Ltd,
Oragadam
Date : 01 August 2019 and 06 August 2019



SEMINAR



Computer Networks And Cyber Security

Date : 5 August 2019

Mr.BolemSrinivas

Scientist at NIOT

WORKSHOP

Introduction To Python Programming
Conducted for the students of ECE department

Date : 9 August 2019



WORKSHOP



Smart Devices Design Using
Intelligent Learning Algorithms

Date : 19 August 2019

Venue : Communications Lab

Resource Person

Dr.Athif Shah

Founder and CEO

ABE Semiconductor Designs
and his team members

WORKSHOP

Mobile Controlled Robot
Date : 20 August 2019
Venue : Communications Lab



ABHIGYAN'19



A National Level Technical Symposium
Date : 22 August 2019 and 23 August 2019
Chief Guest
 Mr. S.Mukundhan,
 Founder Director & Head,
 FLEXOL Packaging Limited
 Mr. Vijay Anand,
 Vice President IT & Compliance,
 Visionary RCM Infotech

WORKSHOP

IET CLN Rebranding Workshop
Date : 13 September 2019
Chief Guest
 Ms. Shreya Bajaj
 Marketing Executive, IET



GUEST LECTURE



Latest Trends in Automotive Industry and
 Importance of Electrical/electronic
 Controls in a Car
Date : 25 September 2019
Resource Person
 Mr.Kaushik Subramanian,
 Technical Leader,
 Renault Nissan Technology and
 Business Centre

IET CLN & YP AWARDS 2018 - 19**Date : 28 September, 2019****Winners****IET YP Leadership Award****Mr.Akash, Final Year, CSE Dept****IET YP Trendsetter of the year Award****Mr.M. Arvind Balaji, Final Year, Mechanical Dept****IET YP Activity Award****Mr.Surya Kailash, Final Year, ECE Dept****IET YP Academic Performance Award****Mr.Jerry Joy, Final Year, CSE Dept****IET CLN SMART CITY CHALLENGE 2019****IET Chennai Local Network****Smart City Challenge****Date : 28 September 2019****GUEST LECTURE****IET CLN Smart City Challenge****Date : 14 October 2019****Resource Person****Dr.Gopal.A****Chief Scientist and Scientist in-Charge,
CEERI-CSIR Chennai****GUEST LECTURE****Cloud Computing****Date : 3 October 2019****Resource Person****Ms.Hema Paneerselvam,
Cloud computing Architect**

FACULTY DEVELOPMENT PROGRAM

Seminar on Stock Trading
for the Beginners

Date : 31 October 2019

Resource Person

Mr. Maria Sundarapandian
NISM Certified Derivatives Strategist,
NISM Certified Research Analyst



FACULTY DEVELOPMENT PROGRAM



Data Acquisition and Signal Processing using NI LabVIEW

Date : 25 November 2019 and 26 November 2019

Resource Person

Mr. Muralikrishnan
NI academic consultant
Mr. Prakash
certified LabVIEW trainer

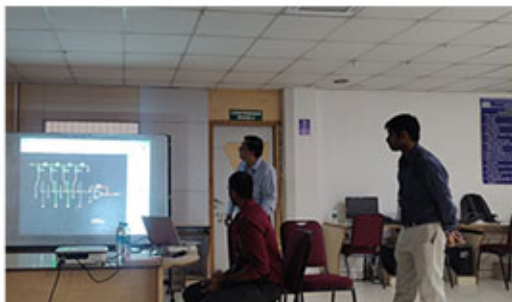
VISIT TO FLEXOL AND TVS LOGISTICS

Industry Institute Interaction
Visited by HoDs and Dean

Date : 20 November 2019 and 05 December 2019



FACULTY DEVELOPMENT PROGRAM



Workshop on E-circuit for Circuits
Design and Analysis

Date : 07 November 2019

Resource Person

Dr. Rajeev Sukumaran,
Head – The SRM Centre for Applied Research
in Education

WORKSHOP

Ethical Hacking and Information Security

Date : 1 August 2019 & 2 August 2019

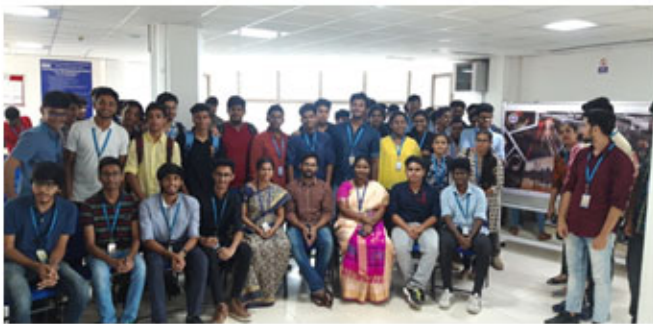
Resource Person

Mr. Sachin Dedhia,

CEO and Founder of Skynet Solutions



WORKSHOP



Photography, Photoshop and Video Editing

Date : 6 August 2019 and 7 August 2019

Resource Person

Mr. S.Gnanavel Pradeep

Editor [Vrithra –Kannada Movie], 23 Studios

WORKSHOP

Machine Learning in Computer Vision

Date : 8 August 2019 & 9 August 2019

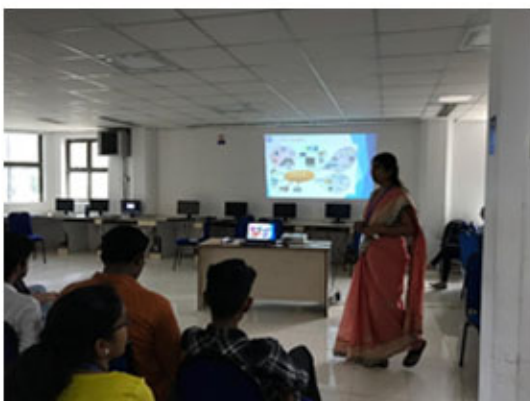
Resource Person

**Mr. Blessin George Verghese &
Team from SRM Kattankulathur**

**Dr. V. Mohan Raj,
Data Scientist, Renault Nissan**



WORKSHOP



Internet of Things-Convergence of Technologies

Date : 13 August 2019 and 14 August 2019

WORKSHOP

Unleashing the Power of Data Analytics
Date : 22 August 2019 and 23 August 2019

Resource Person
Dr. Sri Vallabha Deevi
Senior Data Scientist,
Tiger Analytics



WORKSHOP



Web Development using Spring Boot
Date : 26 August 2019 and the 27t August 2019
Resource Person
Dr. T. Ruso, Associate Consultant
Wipro Ltd, Sholinganallur, Chennai

WORKSHOP

C Programming in a better way
Date : 27 August 2019 to 29 August 2019



SEMINAR



National Seminar on E-mobility
Date : 27 August 2019
Resource Person
Dr. Anand Gurupatham- Dy General Manager ,
Renault Nissan Technology and Business Center

UBERTECH '19

A National Level Technical Symposium
Date : 30 August 2019 and 31 August 2019

Chief Guest

Mr. Rajendran Dandapani,
 Engineering Director, Zoho Corporation

Mr. Paramasivam Sundaresan,
 Senior Manager,
 Renault Nissan Technology & Business Centre



SEMINAR



Web Development using Javascript and Reactjs

Date : 7 September 2019

Resource Person

Ms. Ankita Mishra
 India Community Associate

Mr. Shun Uno
 PROGATE Tokyo Headquarters

WORKSHOP

Salesforce Students Program ADX-201
Date : 30 September 2019 to 10 October 2019

Chief Guest

Ms. Kamatchi Devi
 Sales force trainer ,
 ICTACT.



WORKSHOP



Leadership and Ownership

Date : 15 October 2019

Resource Person

Maj Gen A Arun YSM,
 SM, VSM ,
 Deputy Commandant and Chief Instructor ,
 Officers Training Academy, Chennai

OUTREACH PROGRAMS



Date : 11 October 2019 and 12 October 2019
Chennai Public School, Thirumazhisai



Date : 23 October 2019 and 24 October 2019
B.V Bhavan's Rajaji Vidyasharam



Date : 16 October 2019 and 17 October 2019
Maharashi Vidya Mandir



Date : 23 October 2019 and 24 October 2019
B.V Bhavan's Rajaji Vidyasharam



Date : 22 October 2019 to 23 October 2019
KRM Public School, Perambur



Date : 09 November 2019 and 10 November 2019
Vidya Mandir Senior Secondary School,
Mylapore, Chennai

FACULTY DEVELOPMENT PROGRAMME

Analytics and Machine Learning

Date : 11 November 2019 to 13 November 2019

Resource Person

Dr. Ramamoorthy,
Associate Professor, CSE Department,
SRM IST, Kattankulathur

Dr. K.A. Vidhya
Anna University

Dr. Abhijit Balaji,
Data Analyst, SPI Global



FACULTY DEVELOPMENT PROGRAMME



A Hands-on Approach for the Design and
Implementation of Deep Learning in Cloud

Date : 13 November 2019 to 15 November 2019

Resource Person

Dr. Ajantha Devi,
Research Head, AP3 Solutions,

Dr. Mohan Raj,
Data Scientist, Renault Nissan Technology

FACULTY DEVELOPMENT PROGRAMME

Blockchain and Beyond

Date : 18 November 2019 to 22 November 2019

Resource Person

Dr Nitin,
Associate Professor and Head Information Security at IIM,
Shillong

Dr Balaji,
Associate Professor, SSN College, Chennai



FACULTY DEVELOPMENT PROGRAMME



Image Processing using Matlab

Date : 25 November 2019 to 27 November 2019.

FACULTY DEVELOPMENT PROGRAMME

Cyber Crimes, Cyber Security and Digital Forensics

Date : 5 December 2019 and 6 December 2019

Resource Person

Dr.R.Thilagaraj,
Director-Admin, Centre of Excellence in
Digital Forensics & Chairman ICRES

Mr.Vijayakumar
Former AGM – IT, KVB

Mr. Ramesh
Senior Information Security Consultant,
US Technology International Pvt. Ltd, Chennai



WORKSHOP



Demystifying Microservices Orchestration using
Docker and Kubernetes

Date : 28 August 2019

Resource Person

Dr.Udhaykumar , Professor,
Rajalakshmi Engineering College ,Chennai

SEMESTER ABROAD PROGRAM



Mr.Shakhthivel
RA1611003040030
TEESSIDE UNIVERSITY

Mr.Jerry Joy
RA1611003040029
NATIONAL TAIPEI UNIVERSITY



PROUD MOMENT

Happy to share that Mr.Hriday Sanghvi, 2019 passed out has got his direct admission to PhD in Trinity College. He is one B.Tech student who has published his UG project in Springer nature journal, a very highly referred journal. He has got his PhD admission in the Artificial intelligence domain.

INDUSTRIAL VISIT



III year CSE

Technovalley Software India Pvt Ltd',
Edapally in Ernakulam district, Kerala



I year CSE

ISRO Launch Base station to Satish Dhawan
Space Centre (SDSC) SHAR, Sriharikota

STUDENT ACHIEVEMENTS



Shree Music Academy organized Guinness
World Record

Date : 06 October 2019

“Best Institution Award” and “Best Teacher Award “

Students:

Mr.Surya Kiran
Mr.Abhishek Chandar
Mr.Akshay Srinivasan
Mr.Rishabh Singh
Mr.Rinkesh Gorasia
Mr.Gaurav Rai
Mr.Manmohan Singh
Mr.Shrirup Banerjee
Mr.Vignesh Shankar



Winners
&
Runners



HackSRM

Date : 28 September and 29 September 2019

III & IV year CSE



Mr.Shravan
Third place in Cricket Tournament
Founders Day
SRM Kattankulathur
17 August 2019 to 22 August 2019.

Mr. Yashwanth Raghav, III year CSE
Bronze medal in Tennis (Doubles),
SRM Open



Mr. Surya, Mr. Abhishek Chandar, Mr. Vignesh Shankar and
Mr. Shrirup Banerjee, III year CSE
Date : 07 December 2019
Winner
Infineon Campus Hackathon,
Bangalore

Ms. Varshini, III year CSE
Won 3rd Women Grandmaster norm
Riga Technical University Chess festival 2019,
Latvia



Mr. Arjun Raj, II year CSE won the following trophies:

1. Tamil Nadu Chief Ministers Trophy - Winner
2. Loyola Trophy - Winner
3. SRM Trophy - Winner

EDITORIAL TEAM

Patrons

Dr. C. Muthamizchelvan

Director (E&T)

Mr. Chandrakumar IAS (Retd)

Director Admin (E&T)

Advisor

Dr. K. Duraivelu

Dean (E&T)

Principal Coordinators

Mrs. S. Latha Bhuvaneshwari - A.P (CSE)

Dr. Golda Dilip - Asso.P (CSE)

Mrs. K.Meenakshi - A.P (CSE)

Mrs. Deepa.R - A.P (CSE)

Editorial Team (Faculty)

Dr. S. Kesavan - HoD (DoMS)

Dr. C. Gomathy - HoD (ECE)

Dr. S. Karthikeyan - HoD (Mech.)

Dr. S. Prasanna Devi - HoD (CSE)

Ms. P. Poomathi - HoD (EFL)

Dr. K. Ramachandran - HoD (Physics)

Ms. R. Archana Prasanthi - A.P (ECE)

Ms. R. Sathiya - A.P (ECE)

Ms. Mohanasundari V - A.P (DoMS)

Ms. Meena Priyadharshini - A.P (Mech.)

Ms. S. V. Padma Rao (Student Coordinator)

Editorial Team (Student)

Gokul Kumar K - RA1611003040091 (CSE)

M Anjana - RA1711003040163 (CSE)

Sriram R M - RA1811003040152 (CSE)