



VEL TECH HIGH TECH

Dr. RANGARAJAN Dr. SAKUNTHALA

ENGINEERING COLLEGE

(An Autonomous Institution)

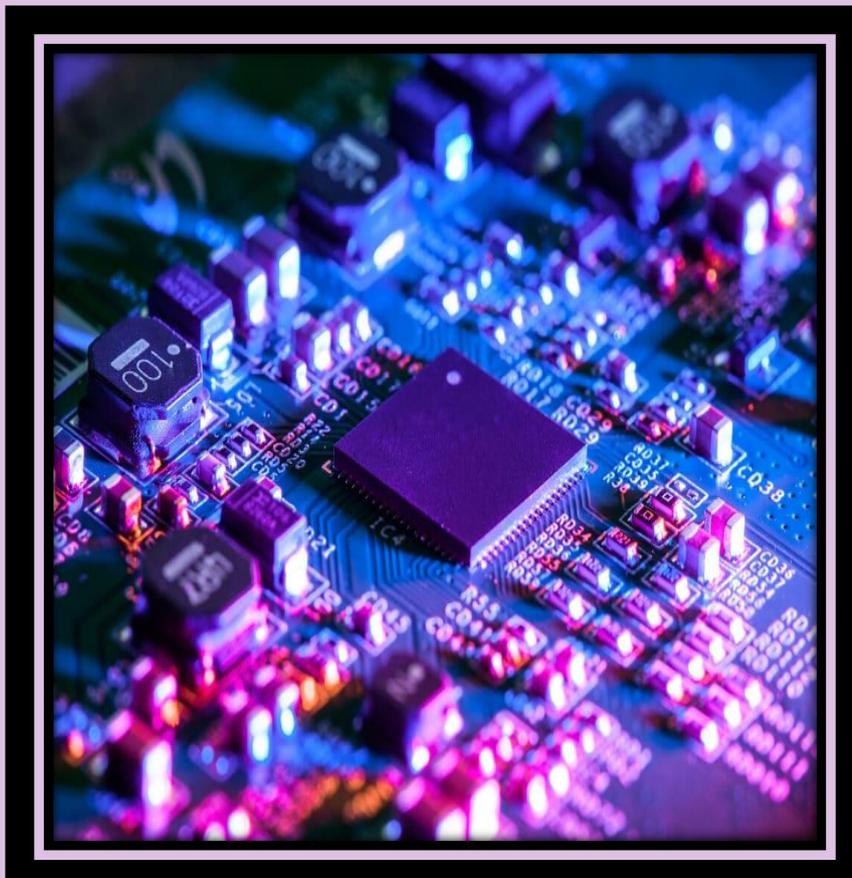
**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

ELECTRA

NEWS LETTER

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Vel Tech High Tech

Dr.Rangarajan Dr.Sakunthala Engineering College

(An Autonomous Institution)

Approved by AICTE – New Delhi, Affiliated to Anna University, Chennai

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GUEST LECTURES



Vel Tech High Tech
Dr.Rangarajan Dr.Sakunthala Engineering College
(An Autonomous Institution)
Department of Electronics and Communication Engineering

Presents
Guest Lecture on
Electromagnetic Fields and its Applications

Date : 24.3.2022
Time : 10.30 am to 11.30 am



Dr. N.Chandrasekar,
Associate Professor,
VIT, CHENNAI

CHIEF PATRONS Col. Prof. Dr. Vel. Shri. R.Rangarajan, Founder President and Chairman	CONVENOR Dr. V. R. Ravi, Dean/Academics
Dr. Sagunthala Rangarajan, Vice Chairman	Dr.N.Duraichi, HOD/ ECE
PATRON Dr. E.Kamalanaban, Principal	CO-CONVENOR Dr.K.Stella, Associate Professor/ECE



Guest Lecture on Electromagnetic fields and its applications by Dr.N.Chandrasekar, Associate Professor, School of Electronics Engineering, VIT, Chennai on 24th March 2022.



Guest Lecture on Programming Controllers using KEIL IDE by Dr.G.Gugapriya, Assistant Professor, VIT, Chennai on 7th April 2022.



Vel Tech High Tech
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Department of Electronics and Communication Engineering

Presents Guest Lecture on
Programming Controllers using KEIL IDE

Date : 7.4.2022
Time : 10.30 a.m. to 12.00 p.m.



Dr. G.Gugapriya
Assistant Professor(Sr)
VIT, CHENNAI

CHIEF PATRONS Col. Prof. Dr. Vel. Shri. R.Rangarajan, Founder President and Chairman	CONVENOR Dr. V. R. Ravi, Dean/Academics
Dr. Sagunthala Rangarajan, Vice Chairman	Dr.N.Duraichi, HOD/ ECE
PATRON Dr. E.Kamalanaban, Principal	CO-CONVENOR Dr.K.Stella, Associate Professor/ECE



Vel Tech High Tech
 Dr.Rangarajan Dr.Sakunthala Engineering College
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 Department of Electronics and
 Communication Engineering
 Presents Guest Lecture on

**Interoperable design techniques for
 CMOS-MEMS sensor**

Date : 13.4.2022
 Time : 11.00 a.m. to 12.00 p.m.



Dr. Ananiah Durai S
 Associate professor
 VIT, CHENNAI

Meeting Link:
<https://meet.google.com/pkz-rvwn-efg>

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 Dr.N.Duraichi,
 HOD/ ECE

PATRON
 Dr. E.Kamalanaban,
 Principal

CO-ORDINATOR
 Dr. K. Stella,
 Associate Professor/ECE



Guest Lecture on Interoperable design techniques for CMOS-MEMS Sensor by Dr.S.Ananiah Durai, School of Electronics Engineering, VIT, Chennai on 13th April 2022




Vel Tech High Tech
 Dr.Rangarajan Dr.Sakunthala Engineering College
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 Department of Electronics and
 Communication Engineering
 Presents Guest Lecture on

**Feedback Amplifiers and
 Oscillators**

Date : 11.5.2022
 Time : 10.30 am to 12.00 pm



Dr. S. Kumaravel,
 HOD/ Micro and Nano Electronics,
 VIT VELLORE

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 Dean/Academics

CO-CONVENOR
 Dr.N.Duraichi,
 HOD/ ECE

PATRON
 Dr. E.Kamalanaban,
 Principal

CO-ORDINATOR
 Dr.K.Stella,
 Associate Professor/ECE

Guest lecture on Feedback Amplifiers and Oscillators by Dr.S.Kumaravel, HOD/Micro and Nano Electronics, VIT, Vellore on 11th May 2022.

ALUMINI INTERACTIONS

Vel Tech High Tech
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Department of Electronics and Communication Engineering
In Association with IETE

presents
Alumni Interaction on "Overview on Data Analysis"
Date : 28.01.2022 Time:10.00 am to 11.00 am

Ms. Kalpana Pillai,
Batch: 2015-2019
Trainee Decision Scientist,
Musigma,Mumbai.

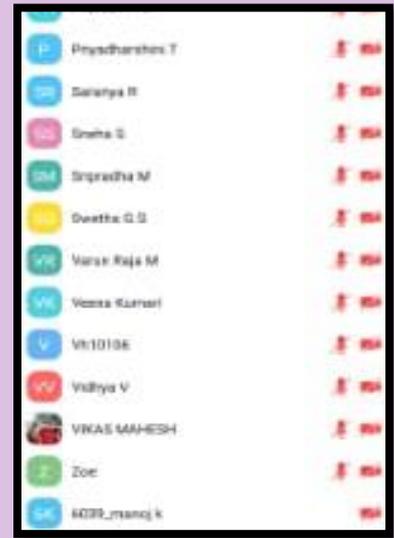
Chief Patrons
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Dean/SoEC
CO-CONVENOR
Dr.N.Duraichi,
HoD/ECE

PATRON
Dr.E.Kamalanaban,
Principal

Google Meet: <https://meet.google.com/ora-upinw-mzc>

Alumini interaction on **OVERVIEW "ON DATA ANALYSIS"** by Ms. Kalpana Pillai, Trainee Decision Scientist Mumbai on 28th January 2022. This session was more interactive and useful for the students



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Department of Electronics & Communication Engineering
In Association with IETE

Presents
Alumni Interaction on "INTRODUCTION TO CLOUD"
Date : 26.03.2022 Time : 11:00 Am
Venue : Thomas Alva Edison

Mr.Lokesh Kumar
Batch: 2016-2020
Systems Engineer- Quality Tester,
Infosys Limited, Chennai.

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Vice Chairman

CONVENOR
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Dean/SoEC
CO-CONVENOR
Dr.N.Duraichi,
HOD/ECE
CO-ORDINATOR
S.Jalaja
Asst.Prof/ECE

PATRON
Dr.E.Kamalanaban,
Principal

Alumini interaction on **"INTRODUCTION TO CLOUD"** by Mr.Lokeshkumar Systems Engineer Quality Tester Infofys Ltd, Chennai on 26th March 2022. This interaction was in OFFLINE mode



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Department of Electronics and Communication Engineering
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presents
Alumni Interaction on "Microsoft Azure Fundamentals"
Date : 09.04.2022 Time:11.00 am to 12.00 noon
Venue: Visvesvaraya Hall

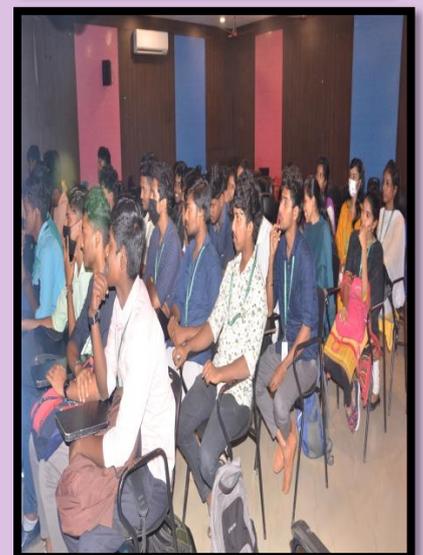
Mr. J. Manish Kumar,
Batch: 2016-2020,
Senior Software Engineer,
Capgemini, Chennai

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Dr.Sakunthala Rangarajan,
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CO-CONVENOR
Dr.N.Duraichi,
HOD/ECE
CO-ORDINATOR
S.Jalaja
Asst.Prof/ECE

PATRON
Dr.E.Kamalanaban,
Principal

Alumini interaction on **Microsoft Azure Fundamentals** by Mr.J. Manishkumar Senior software Engineer Capgemini, Chennai on 9th April 2022. The session was very interactive among the students and the resource person and very much useful for them



INDUSTRIAL VISITS

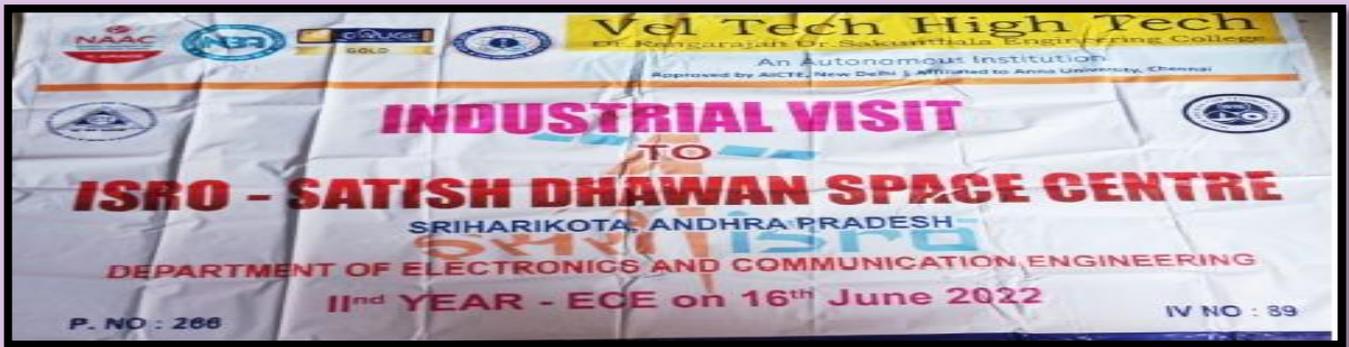


Our department organized an industrial visit for the second year students on May 16th and 18th 2022 to “INDO-TECH TRANSFORMERS LIMITED”. It is a transformer manufacturing company offering a complete line of transformer products for generation, transmission and distribution of electric power located in Kanchipuram, Tamil Nadu.



Our department has channelized an industrial visit for the second year students on June 13th 2022 to “INDO-TECH TRANSFORMERS LIMITED”. It is a transformer manufacturing company offering a complete line of transformer products for generation, transmission and distribution of electric power located in Kanchipuram, Tamil Nadu





The Industrial Visit was held on 16th June 2022. Initially, there was a presentation and the overview of the organization and details about launch activities was explained. They also explained about various rocket information and specification of analysing parameters. We visited two different satellite launch pads and the process of launching and well explained. Harness space technology for national development, while pursuing space science research and planetary exploration.

WORKSHOPS



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

In Association with
Innovative IoT Club
 Organizing
 Two days Workshop on
"A NETWORK SIMULATOR TOOL"

Resource Person

 Dr. K. Stella,
 Associate Professor, VTHT

Date : 08.04.2022 & 09.04.2022
 Venue: Network Lab

Two days workshop on Network Simulator Tool by Dr. K. Stella, Associate Professor, Vel tech High tech Dr. Rangarajan Dr. Sakunthala Engineering College on 8th and 9th March 2022. About 44 students attended the workshop on both the days. The workshop was very useful for the students as they learnt about NS2 software, which was also there for their forthcoming laboratory.

IN-PLANT TRAINING

III-YEARS

- ✦ 1 of our third year student attended an IPT in **GRAM SWARAJ FOUNDATION** for about 60 days from 18th January to 18th March 2022
- ✦ 3 of our third year student attended an IPT in **DLK CAREER DEVELOPMENT** for about 18 days from 18th January to 7th March 2022
- ✦ 1 of our third year student attended IPT in **PANTECH E LEARNING** for about 29 days from 28th February to 28th March 2022
- ✦ 4 of our third year students attended IPT in **SMART EDGE TECH PVT. LTD** for 32 days from 3rd March to 3rd April 2022
- ✦ 1 of our third year students attended IPT in **SEVA CHARITABLE TRUST** for 32 days from 26th March to 26th April 2022
- ✦ 1 of our third year student attended IPT in **DLK CAREER DEVELOPMENT** for about 92 days from 1st March to 31st May 2022

VISION OF THE DEPARTMENT

To emerge as a centre of Academic Excellence in Electronics and Communication Engineering.

MISSION OF THE DEPARTMENT

- ✦ Providing effective curriculum delivery through innovative teaching initiatives to accomplish desired outcomes.
- ✦ Encouraging the research activities of faculty and students by establishing well equipped infrastructure and facilitating industry institution interaction.
- ✦ Imparting the moral and ethical values for comprehensive self development of the students

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- ✦ **PEO 1:** Graduates will have a successful career in Electronics and Communication and allied Industries
- ✦ **PEO 2:** Graduates will design and implement solutions for real time problems of Electronics, Communication, and interdisciplinary domains with ethical and professional manner.
- ✦ **PEO 3:** Graduates will have an aptitude for lifelong learning and research.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- ✦ **PS01** Design and realize solutions by applying the principles of electronics and signal processing for commercial, industrial and defense requirements.
- ✦ **PS02** Apply the design principles of the communication systems, networks and antennas for product development.

DEAN

Dr. V.R. RAVI

HEAD OF THE DEPARTMENT

Dr. S. HEMAJOTHI

EDITORS

FACULTY MEMBERS

Ms. C.D.MERLIN

Mrs. M.MENAKA

STUDENT MEMBERS

PRADEEP M (II Year ECE)

SATHISH KUMAR A (II Year ECE)