



# Vel Tech Multi Tech

Dr.Rangarajan Dr.Sakunthala Engineering College

An Autonomous Institution

## IGNIS JULY2022-JUNE2023

### EDITORIAL BOARD

**Chief Editor** -Dr.P.K.Mani., Associate Professor

**Editor-** Dr. Deepthi Joseph, Professor

#### What is inside ?

Department Toppers

Achievements & Awards

Placement

Faculty achievements



## VISION OF THE INSTITUTE

Elevating Well  
Being of Humanity  
by Augmenting  
Human Resource  
Potential Through  
Quality Technical  
Education and  
Training

## MISSION OF THE INSTI- TUTE

To effectuate su-  
premaccy in tech-  
nical education  
through articula-  
tion of research  
and industry prac-  
tices for social  
relevance.  
To inculcate the  
habit of lifelong  
learning  
To exhibit profes-  
sional ethics,  
commitment and  
leadership quali-  
ties

## VISION OF THE DEPARTMENT

To emerge as a  
centre of academ-  
ic excellence in  
Electrical and  
Electronics Engi-  
neering and relat-  
ed fields through  
knowledge acqui-  
sition and propa-  
gation meeting  
global practices

## MISSION OF THE DEPARTMENT

To nurture the  
talent and to facil-  
itate the students  
with research am-  
bience in Electri-  
cal and Electron-  
ics Engineering  
To propagate life-

## MESSAGE FROM CHAIRMAN



**Col. Prof. Vel. Shri. Dr. R. Rangarajan,  
B.E. (Elec.), B.E. (Mech.), M.S.  
(Auto), D.Sc.,  
Founder & Chairman**

I have a great pleasure in announcing the launch of Newsletter IGNIS June 2022 DEC 2022. The Newsletter is meant for providing annual activities of students towards the advancement of technologies and to explore the role of smart technologies in the areas of Electrical engineering for the aspirants from all over the world. I hope IGNIS will provide the idea platform for knowing the happening of the Department of Electrical and Electronics Engineering. I am sure that the new enthusiastic ideas will emerge out of this Newsletter which will benefit the society. I wish the Newsletter for a great success.

## MESSAGE FROM VICE CHAIRMAN



**Dr. Sakunthala Rangarajan.,  
MBBS.,  
Foundress & Vice Chairman**

The indispensable aspect of great invention and innovations is Motivation. Motivation is bestowed with the power of igniting the geniuses in one's mind. Teachers when motivated are endowed with the power to make the best use of their talents. I believe that IGNIS– June 2022 DEC 2022 will be one such source, promising you with the motivation, requires a vital prerequisite in your Endeavour. I wish the Staff and Student all success.

## Programme Educational Objectives (PEOs)

*The programme educational objectives of engineering graduates of the Department of Electrical and Electronics are:*

- To prepare graduates to have successful and flourishing career in Electrical and Electronics Industry.*
- To make students able to excel in their career with ethical values and managerial skills to solve real life technical problems.*
- To make students capable of solving problems in Electrical and Electronics Engineering which are found in utilities and industries*
- To help students to engage in quest for self-learning and life-long learning.*

## MESSAGE FROM PRINCIPAL



**Dr.V.Rajamani**  
**Principal**

I extend my warmest wishes to the organizing committee who has made this arduous task possible. Their fertile minds along with their education and rapid development in the areas of science and technology have opened up new vistas of opportunities. I think the IGNIS June 2022 to Dec 2022 will provide a concern platform for uplifting and developing the talent of upcoming engineers. I take the honor of wishing the departments a tremendous success

## MESSAGE FROM HEAD OF DEPARTMENT

I would like to express words of profound appreciation to all our Faculty and students in this province for the tremendous contribution they make to provide quality education. I encourage my faculty and students to continue with their outstanding good work, diligence, dedication and commitment displayed in their daily work despite the challenges they encounter in some of their work situations.

The main idea behind the Newsletter System is to encourage Faculty to become better at their jobs and to encourage student community to become excellent sites of learning and development. This helps Student to organize and focus their professional development in order to achieve maximum benefit and recognition.

## MESSAGE FROM CHIEF EDITOR

Hard work, determination and confidence pave the way to success. This is what has been the motivation and seedling planted within the soul of each student and staff of our department. Strength in unity was seen in our preparation for this glorious event and what started as a vision has achieved great heights. IGNIS' June 2021 July 2022 highlights the achievements and Success of both student and faculties. All the best to my students and staff members.

**Department  
Toppers 2023**

S.NO	REG NO	NAME	SEM	YEAR	CGPA
<b>DEPARTMENT TOPPER</b>					
1	113119UG05036	NANDHITHA S	Upto 8th Sem	IV YEAR	9.34
2	113119UG05058	SHIYAMALA SA			9.08
3	113120UG05005	AYSHA MA	Upto 6th Sem	III YEAR	8.38
4	113120UG05021	VINODHINI U			8.33
5	113121UG05037	PREETHI V	Upto 4th Sem	II YEAR	9.06
6	113121UG05018	KAVIYASRI T			9.24

**Department  
Toppers 2022**

S.NO	REG NO	NAME	SEM	YEAR	CGPA
<b>DEPARTMENT TOPPER</b>					
1	113119UG05036	NANDHITHA S	Upto 6th Sem	IV YEAR	9.43
2	113119UG05024	JANAKIRAMAN S			9.31
3	113120UG05021	VINODHINI U	Upto 4th Sem	III YEAR	8.44
4	113120UG05005	AYSHA MA			8.36
5	113121UG05015	JAYAKEERTHAN R	Upto 2nd Sem	II YEAR	9.0
6	113121UG05018	KAVIYASRI T			8.96



**Student  
Achievements**

VEL TECH MULTI TECH Dr.RANGARAJAN Dr.SAKUNTHALA ENGINEERING COLLEGE								
DEPARTMENT OF EEE								
OTHER EVENTS (2022 TO 2023)								
S.NO	VM NO	NAME	DEPT	PLACE	EVENT	PRIZE	OFFLINE	DATE
1	VM 13417	S Sanjay Kumaran	EEE	Goojan School Of Business And Technology	Code Cracking	Second Place	Offline	27.09.22
2	VM12692	Stephen J	EEE	Sai Ram Engineering College	Panaromix	Third Prize	Offline	7.11.22
3	VM13813	T Jagan Karyhik	EEE	Sai Ram Engineering College	Circuit Replicasio	First Place	Offline	7.11.22
4	VM13810	M Dinesh	EEE	Sai Ram Engineering College	Circuit Replicasio	First Place	Offline	7.11.22
5	VM12699	Varun Kumar M	EEE	Sai Ram Engineering College	Panaromix	Participation	Offline	7.11.22

VEL TECH MULTI TECH Dr.RANGARAJAN Dr.SAKUNTHALA ENGINEERING COLLEGE								
DEPARTMENT OF EEE								
Sympoisum(2022-2023)								
S.N O	VM NUM-BER	NAME	DEPT	PLACE	EVENT	PRIZE	ONLINE/OFFLINE	DATE
1	VM12638	S.Deepak	EEE	Grt Institute Of Engineering And Technology	Paper Preen-tation	Participation	Offline	21.10.22
2	VM12663	K.Mukesh Raja	EEE	Grt Institute Of Engineering And Technology	Paper Preen-tation	Participation	Offline	21.10.22
3	VM12638	Deepak	EEE	Prathysha Engineering College	Paper Preen-tation	Participation	Offline	9.11.22

## Record of Achievements

S.N O	NAME OF THE STU- DENT	PAPER TITLE	SYMPOSIUM/ WORKSHOP/ PAPER PRESENTA- TION	DATES	VENUE
1	Jegan Karthik T	Diy Electronics	Symposium	31.10.2022	Rajalakshmi Engi- neering College
2	Divyasri	Tech Wartz	Paper Presentation	9.11.2022	Prathyusha Engineer- ing College
3	Krishnakumar	Sparcadecs 2k22	Symposium	18.11.2022	Dhanalakshmi Sriva- san College Of Engi- neering & Technology



## Record of Achievements

S.NO	YEAR	FACULTY DETAILS	NAME OF COMPANY/ INDUSTRY/ ORGANISATION	DATES	LOCATION
1	II	Mr.Sivarajian Mrs.M.Vijayalakshmi	ETPS Substation	26.09.2022	Chennai
2	III	Mr.Sivarajian Mrs.M.Vijayalakshmi	Hydro Power Station	21.11.2022	Sathanur
3	IV	Mr.Sivarajian Mrs.M.Vijayalakshmi	Hydro Power Station	19.11.2022	Sathanur

  
**Vel Tech Multi Tech**  
 Dr.Rangarajan Dr.Sakunthala Engineering College  
 An Autonomous Institution  
**INDUSTRIAL VISIT**  
 To  
**230KV ETPS SUB STATION**  
**CHENNAI**  
**II YEAR**  
 DEPARTMENT OF  
**ELECTRICAL & ELECTRONICS ENGINEERING**  
**BATCH : 2021 - 2025**  
 Date : 26.09.2022

  
 ENGINEERS  
 WITHOUT BORDERS  




  
**Vel Tech Multi Tech**  
 Dr.Rangarajan Dr.Sakunthala Engineering College  
 An Autonomous Institution  
**INDUSTRIAL VISIT**  
 To  
**HYDRO POWER STATION**  
**SATHANUR**  
**III YEAR**  
 DEPARTMENT OF  
**ELECTRICAL & ELECTRONICS ENGINEERING**  
**BATCH : 2020 - 2024**  
 Date : 21.11.2022

  
 ENGINEERS  
 WITHOUT BORDERS  




  
**Vel Tech Multi Tech**  
 Dr.Rangarajan Dr.Sakunthala Engineering College  
 An Autonomous Institution  
**INDUSTRIAL VISIT**  
 To  
**HYDRO POWER STATION**  
**SATHANUR**  
**IV YEAR**  
 DEPARTMENT OF  
**ELECTRICAL & ELECTRONICS ENGINEERING**  
**BATCH : 2019 - 2023**  
 Date : 19.11.2022


  
 ENGINEERS  
 WITHOUT BORDERS  



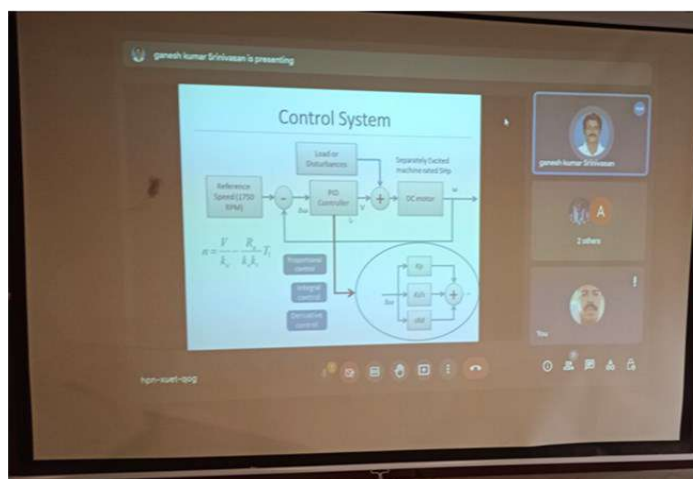



**Record of  
Achievements**

S.N O	YEAR	GUEST NAME	DESIGNA- TION	TOPIC NAME	DATES
1	II	Dr.Ganesh Kumar Srinivasn	Assistant Pro- fessor	Recent Trends And Ap- plication Of Dc Ma- chines In Industries	28.11.2022
2	III	Dr.G.Balamurali	Executive En- gineer	Recent Developments In Powertransmission Sys- tems And Future Plan- ning	26.11.2022
3	IV	Dr.K.Udhaya Ku- mar	Professor	Higher Order Machine Learning Models And Their Applications In Electrical Engineering	26.09.2022


**Vel Tech Multi Tech**  
 Dr.Rangarajan Dr.Sakunthala Engineering College  
 An Autonomous Institution  
 DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING  

**Guest Lecture**  
 ON  
**RECENT TRENDS AND APPLICATION OF  
DC MACHINES IN INDUSTRIES**  
 By  
**Dr.Ganesh Kumar Srinivasan, M.E., Ph.D.,**  
 Assistant Professor,  
 Department of EEE,  
 CEG, Anna University  


DATE : 28.11.2022      TIME : 10.00 AM      VENUE : THOMAS ALVA EDISON SEMINAR HALL



## Record of Achievements

 **Vel Tech Multi Tech**  
Dr.Rangarajan Dr.Sakunthala Engineering College  
An Autonomous Institution

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

 **Guest Lecture**  **ON**

**RECENT DEVELOPMENTS IN POWER TRANSMISSION SYSTEMS AND FUTURE PLANNING**

By  
**Dr.G.Balamurali, M.E., M.B.A., Ph.D.,**  
Executive Engineer,  
Tamil Nadu Transmission Corporation Limited.,  
Chennai - 02.

DATE : 26.11.2022 TIME :10.00 AM VENUE: THOMAS ALVA EDISON SEMINAR HALL



 **Vel Tech Multi Tech**  
Dr.Rangarajan Dr.Sakunthala Engineering College  
An Autonomous Institution

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

 **Guest Lecture**  **ON**

**HIGHER ORDER MACHINE LEARNING MODELS AND THEIR APPLICATIONS IN ELECTRICAL ENGINEERING**

By  
**Dr.K.Udhaya Kumar, M.E., Ph.D.,**  
Professor/Department of EEE,  
College of Engineering, Anna University, Chennai.

DATE : 26.09.2022 TIME :10.00 AM VENUE: THOMAS ALVA EDISON SEMINAR HALL





S.NO	VM NO	NAME	DEPARTMENT
1	VM14284	T.KAVIYASRI	EEE
2	VM14287	S.KIRUTHIKA	EEE
3	VM14271	T.ARUNA	EEE
4	VM14281	R.JAYAKEERTHAN	EEE
5	VM14292	A.MOHAMED YASIR	EEE
6	VM14291	MOHAMED MASOOD MUHSIN	EEE





## FACULTY ACHIEVEMENTS

S.NO	MTS NO	FACULTY NAME	EVENT NAME	ORGANIZED BY	TYPE OF EVENT	NO OF DAYS	DURATION
1.	MTS1695	Dr.DEEPTHI JOSEPH	Strategies for quality improvement in higher education institutions.	R.M.K college of engineering and technology	seminar	2	05.04.2023 to 06.04.2023
2.	MTS1985	Dr.THAI SUBHA	Strategies for quality improvement in higher education institutions.	R.M.K college of engineering and technology	seminar	2	05.04.2023 to 06.04.2023
3.	MTS526	Dr.P.KMANI	Strategies for quality improvement in higher education institutions.	R.M.K college of engineering and technology	seminar	2	05.04.2023 to 06.04.2023
4.	MTS1855	Dr.M,KARTHIKEYAN	Simulink and simscape electrical for research and traning.	Design tech	webinar	1	25.03.2023
5.	MTS1022	Mr.DHANAN JEYAN.S	How to do rapid SCI journal publication	AMS College of engineering	seminar	1	18.03.2023
6.	MTS1662	Mr.SIVARAJAN.S	Relay coordination using ETAP.	Power projects	webinar	1	07.05.2023
7.	MTS1662	Mr.SIVARAJAN.S	Power system studies using ETAP.	Power projects	webinar	1	14.05.2023
8.	MTS1662	Mr.SIVARAJAN.S	ARC flash analysis using ETPA.	Power projects	webinar	1	04.06.2023
9.	MTS1662	Mr.SIVARAJAN.S	Power system studies using Digsilent power factory	Power projects	webinar	1	11.06.2023
10.	MTS1662	Mr.SIVARAJAN.S	Power system studies using ETPA.	Power projects	webinar	1	25.06.2023
11.	MTS1856	Mr.JENIN PRABHU	Plagiarism importance consequence and how to avoid.	Theivanai ammal college for women	webinar	1	08.03.2023
12.	MTS1856	Mr.JENIN PRABHU	Multi criteria decision making charges	SRM Institute of science and technology	seminar	1	29.06.2023
13.	MTS1856	Mr.JENIN PRABHU	Orientation session on IDC5.0	SCAD College of engineering and technology	seminar	1	11.01.2023



## FACULTY ACHIEVEMENTS



# SEMINAR







## WORKSHOP



**HI LEARN EDUTECH INSTITUTE**

An ISO Certified Institute  
BIDAPUR / VIJAYAPUR, KARNATAKA [www.hleinstitute.com](http://www.hleinstitute.com)

### **CERTIFICATE OF PARTICIPATION**

PROUDLY PRESENTED TO

**DHANANJEYAN. S**

Assistant Professor,  
Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Avadi, Chennai. T.N

For Participating in  
**One Day National Online Workshop on  
Artificial Intelligence(AI) & Machine Learning(ML)**  
On 16 May 2023

EN.M.H.KOLHAR  
Workshop Coordinator

DR.S.M.HORGINMANI  
Director, HLE Institute

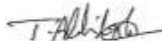
NATIONAL WORKSHOP ON  
**ELECTRIC VEHICLES: OLD TECHNOLOGY WITH NEW REFORMATION**  
Organized by

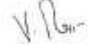
Department of Electrical and Electronics Engineering  
Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam


**ssn**

#### Certificate of Participation

This is to certify that Dr. / Mr. / Ms. R.Jenin Prabhu of Veltech Multitech Engineering College, has participated in the one day workshop on "Electric Vehicles: Old Technology with New Reformation" during January 27, 2023 at Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam - 603 110.

  
FDP Co-ordinator  
Dr. T. Abhilash

  
HoD/EEE  
Dr. V. Rajini

  
Principal, SSN CE  
Dr. V. E. Annamalai



## PLACEMENTS

### Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College

#### Department of Electrical and Electronics Engineering-2023\* Placement Details

##### Triple Offer



Priyanka B.D  
TCS, CTS  
Capgemini



Enniyan M  
Kaar  
Capgemini



Ajay A  
CTS  
Capgemini



Ranjane P  
CTS  
Capgemini



Sowmya  
DXC  
CTS



Sanjai J  
LTI  
CTS

##### Double Offers

##### Single Offers



Janaki Raman S  
Chiptest



Harikrishnan S  
Chiptest



Nandhitha S  
Chiptest



Suveatha J  
Chiptest



Thilakraj. B  
CTS



Bhuvaneshwari S  
DXC

### Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College

#### Department of Electrical and Electronics Engineering-2023\* Placement Details

##### Single Offers



Mukila M  
Kaar



Ramya Shri R P  
Hyundai



Sakthivel N  
TCS



Ramanathan N  
TCS



Niba Babu  
TCS



Madesh M  
LTI



Shiyamala S A  
LTI



Mukesh Raja K  
Capgemini



Stephen J  
CTS



Madhavan C  
CTS



Honest Raj  
CTS



Kishore M  
CTS



Sanjay Kumar N  
CTS



- ♦ **Dr.Deepthi Joseph** has received a fund of **RS.1,00,000** from **SPICES**.
- ♦ Team consists of **04 doctorates** and **10 faculties** with Master of Engineering out of which Seven are pursuing doctoral degree, with satisfying cadre norms of **AICTE**.
- ♦ Our faculty **Mr.K.Sakthidhasan** has published a paper in SCI Journal (**Solar-Impact** factor of **6.8**)
- ♦ The department has Experienced **02 Associate Professors 01 Professor** and **10 Assistant Professors**.
- ♦ **Three** of our faculties are acting as a **reviewer in 10 International Journals**.
- ♦ **Two** of our faculties are acting as a reviewer in **10 International Journals**.
- ♦ Permanent Affiliation by **Anna University**



## Campus Address

# Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College

## Address

#42, Avadi – Vel Tech Road, Vel Nagar, Avadi, Chennai-600 062, Tamil Nadu, India.

## WEBSITE

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