



VEL TECH HIGH TECH Dr.RANGARAJAN Dr.SAKUNTHALA
ENGINEERING COLLEGE
(Approved by AICTE, Affiliated to Anna University-Chennai,
Accredited by NBA, New Delhi and Accredited by NAAC
with 'A' Grade and CGPA of 3.27)

ELECTRA – NEWS LETTER

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May 2021



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
#60, AVADI-VEL TECH ROAD,AVADI
CHENNAI-600062.

GUEST LECTURE-1

The Department of Electronics and Communication Engineering conducted a Guest Lecture on 20th May 2021 on the topic “Microcontroller Design using Proteus Software” by Mr. Chandran Venkatesan , Assistant Professor



The Guest lecture was done in online mode through google meet on 20th may 2021 and this was the screenshot the guest lecture

GUEST LECTURE-2

Vel Tech High Tech
Dr. Rangarajan Dr. Sakenthala Engineering College
An Autonomous Institution
Approved by AICTE, New Tech, affiliated to Anna University, Chennai

Department of Electronics and Communication Engineering
presents
ONLINE ALUMNI INTERACTION

22.05.2021
03:30pm - 04:30pm

Ms. Sudha Sahithi T.V.L.S
Systems Engineer
Tata Consultancy Services.
(B.E. ECE Alumni 2014-2018 Batch)

Topic:
"What is Pandemic for Students?"

Google Meet
click here
<https://meet.google.com/hzg-ulcn-qdn>

Chief Patron
Col. Prof. Dr. Vel. Srid. R. Rangarajan,
Founder, President and Chairman

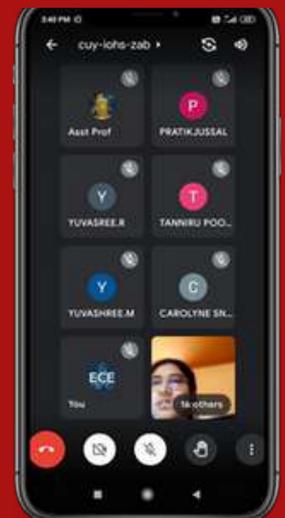
Patron
Dr. E. Kamalanathan,
Principal

Co-Convenor
Dr. N. Duraiski
Associate Professor & Head / ECE

Exclusive Event for
III & IV year
B.E. Electronics and
Communication Engg. Students
of Vel Tech High Tech Dr. Rangarajan
Dr. Sakenthala Engineering College

The Department of Electronics and Communication Engineering had arranged an Alumni Interaction session on 29th of May 2021 to the students of ECE. Our college alumni Ms. Juhitha N had an interaction with the students who shared the job opportunities in the field of ECE . And guided the students how to get a job in the core field by improving all the necessary skills regarding the placements and their intrests.

The Guest lecture was doneT HinE
NoEnWlinSe
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WORKSHOP-1

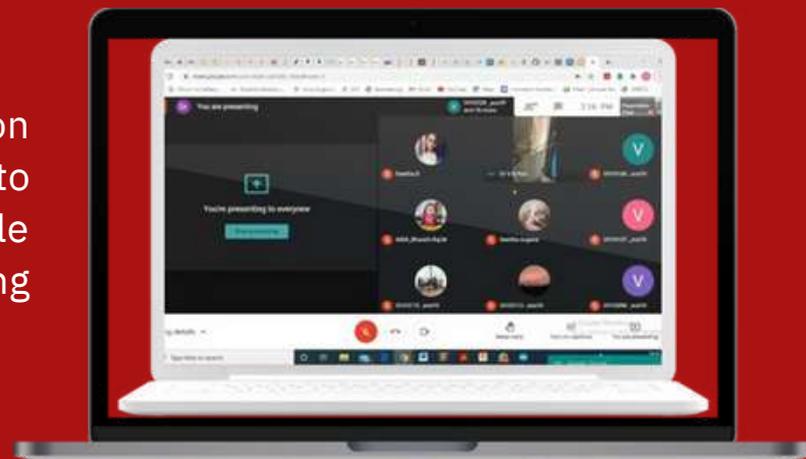


Workshop 1 : Application of Arduino – Hands on Approach

Resource Person: Prof. Dr. V. R. Ravi
Date:12th Apr 2021 - 13th Apr 2021

The Department of Electronics and Communication Engineering conducted a Workshop on 12th April 2021 & 13th April 2021 on the topic “Application of Arduino – Hands on Approach” by Prof. Dr. V. R. Ravi, ECE, Vel Tech High Tech Dr Rangarajan Dr Sakunthala Engineering College, Avadi.

He started the session with introduction to Arduino . He given us a demo how to use the arduinoby some of the sample experiments which are executed by using some sample codes.

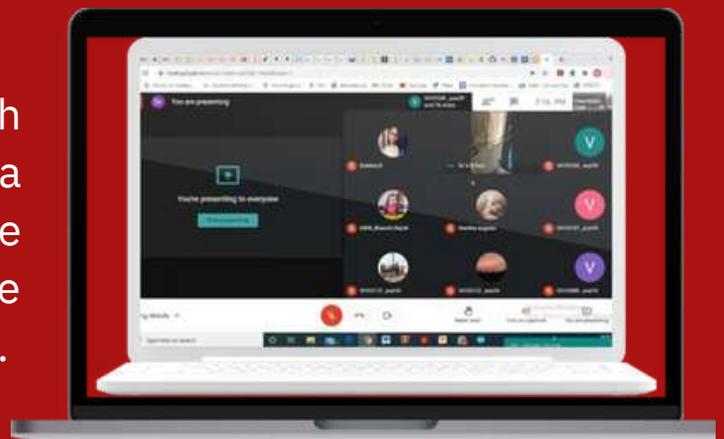


WORKSHOP-2

The poster is for a workshop titled "Build an IoT Application" organized by the Department of Electronics and Communication Engineering at Vel Tech High Tech. It features the college's logo, accreditation marks (NMC, NBA, NRI), and the Innovative IOT Club. The workshop dates are 19.04.2021 and 20.04.2021, with a time slot from 9:00am to 4:00pm. It includes registration and Google Meet links, a photo of Prof. Dr. V. R. Ravi, and a diagram of IoT applications.

Workshop 2 :Build an IoT Application
Resource Person: Prof. Dr. V. R. Ravi
Date: 19th Apr 2021 - 20th Apr 2021
The Department of Electronics and Communication Engineering conducted a Workshop on 12th April 2021 & 13th April 2021 on the topic “Application of Arduino – Hands on Approach” by Prof. Dr. V. R. Ravi, ECE, Vel Tech High Tech Dr Rangarajan Dr Sakunthala Engineering College, Avadi.

He started the session with introduction to Arduino . He given us a demo how to use the arduinoby some of the sample experiments which are executed by using some sample codes.



WEBINAR-1



“ APP AND WEBSITE DEVELOPMENT FOR IOT APPLICATIONS”

A Webinar was organized in our department online on 14.04.2021 at 2.00PM –3.00PM.. The Expert member Mr.Praveen Babu, System Engineer, TCS,Chennai delivered lecture on “App and Website Development for IoT Applications” .He started the session by explaining about IOT and gave us demo how to create app and develop website using IOT.At the end of the session all the students got benefited.

WEBINAR-2...



“Online Webinar on step into start-up creation”
Date: 28.04.21 (2.00pm –3.00pm)
Resource Person: Mr.Daniel Durairaj Founder-Swap Inc Partner – RSD Group,
Samashersnplashers Description Style-
They conducted a webinar on 28.04.21 which was about the Ideas to implement a up creation

A Webinar was organized in our department on 28.04.21.The Expert member Mr.Daniel Durairaj Founder-Swap Inc Partner – RSD Group , delivered lecture on “Online Webinar on step into start-up creation” in which the expert gave an clear session on UP CREATION

WEBINAR-4

Vel Tech High Tech
Deemed to be Engineering College
Approved by AICTE, UGC, All India Council of Technical Education, Chennai
Approved by NAAC, NBA, ISO 9001:2015

Department of Electronics and Communication Engineering
or
Institutional Innovation Council (IIC)
Sponsored by

Online Webinar
on
**Building an Innovation/Product -
Fit for the Market**

Date: 09/04/21 Time: 09:00 AM - 11:00 AM

Chief Patron:
Dr. V. Sri. R. Ranganjan,
Founder President/Chairman
Dr. Subramanian Ranganjan,
Vice-Chairman

Patron:
Dr. E. Manikandan,
Chairman

Co-Chairman:
Dr. T. K. Kasi
Dr. G. Suresh Kumar
Dr. R. Manikandan
Dr. R. Manikandan
Dr. R. Manikandan

Co-Chairman:
Dr. M. Manikandan
Dr. M. Manikandan

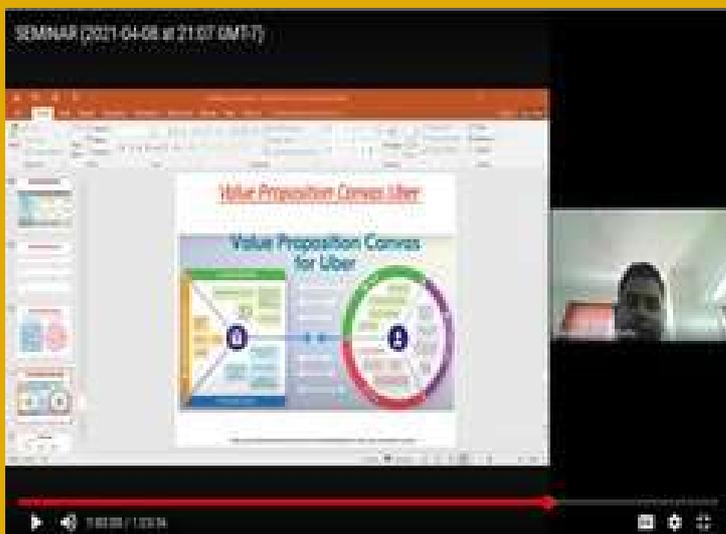
Co-Chairman:
Dr. K. Manikandan
Dr. K. Manikandan

Resource Person

Dr. E. Manikandan
VIT, Chennai

Registration Link:
<https://www.zoom.us/j/92541234567>

“ONLINE WEBINAR ON BUILDING AN INNOVATION/ PRODUCT FIT FOR THE MARKET”.A Webinar was organized in our department on 9.04.21.The Expert member Dr.E.Manikandan, Assistant Professor (Senior), Vellore Institute of Technology, Chennai delivered lecture on “ONLINE WEBINAR ON BUILDING AN INNOVATION/ PRODUCT FIT FOR THE MARKET” in which how to build an innovation was explained by the expert.



The session gave a clear idea about innovation/Product for the market for all the students who attended the session online

STUDENT..

ACTIVITY

STUDENT PARTICIPATION/PAPER PRESENTATION IN CONFERENCE AND SEMINAR

S Abiraj , Sanjay and Venkatesh presented their paper” A Robot for Combat and Calamities with Encrypted WSN” in the conference conducted by the department of ECE , SRM University.

R. Aravindhan and D. David Ezra presented their paper” Heart health prediction and classification using random forest and SVM algorithm in ML” in the conference conducted by the department of ECE , SRM University

STUDENT PATICIPATION IN WORKSHOP

- Charumathi R, Mohamed Hasan M, Jayathraa R and Aanupriya. S attended the Workshop on “Intellectual Property Rights and IP Management for Biotechnology Start- up Firm” held on 17.03.2021 hosted by Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College.
- Aanupriya S attented the workshops on “Research Methodology”, “Springer Author”, “Science Illustration and Infographic” held on 31.03. 2021, 28.03.2021, 27.03.2021 respectively , hosted by IIT Madras.
- Priya Dharshini P and Gowtham attended the National workshop on” computer aided drug discovery” held on 05.01.2021 and 06.01.2021.

STUDENT..

ACTIVITY

VALUE ADDED COURSES

A value Added Course on **VLSI Physical Design** was conducted by IIT Kharagpur from
18 Jan 2021-09 Apr 2021.

STUDENT AWARD

Pradeep Kumar
II Year Ece B,
Got Certificate In Acupuncture Therapy



VISION MISSION



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.

VISION MISSION



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

Editorial page

Dean : Dr.V.R.Ravi

HOD: Dr.S.Hemajothi

Editors Faculty Members

- 1.Ms.M.Menaka
- 2.Ms.C.D.Merlin

Student members:

- 1.Mohammed kabir.M
- 2.Madhan Kumar.V