

# VEL TECH MULTI TECH

DR.RANGARAJAN DR.SAKUNTHALA

ENGINEERING COLLEGE

(AN AUTONOMOUS INSTITUTE)



## NEWSLETTER

2020-2021



DEPARTMENT OF  
BIOMEDICAL ENGINEERING



## ABOUT THE DEPARTMENT....

The Department of Biomedical Engineering was established in the year 2007. The department is an interdisciplinary rivulet which aims at imparting knowledge and skills to the students in the field of Instrumentation and its associated areas such as Signal & Image Processing, Robotics, MEMS, Artificial Neural Networks, Java Programming, . The Department has well equipped and state-of-the art facilities for Research & Development. The Department has habitual communications with Hospitals, industries for training, internship, projects and research in the emerging fields of Biomedical Engineering. The faculty members are well qualified and experienced which accomplishes University ranks consecutively.





## ABOUT THE INSTITUTION



VELTECH MULTITECH - one of the College under the Vel Tech Group of Institutions commenced its educational services in 1999. Today, it stands as a multi professional, research oriented, reputed and nationally recognized premier institute for its career

oriented education. With an optimal blend of theory and practice, motive and desire, it offers 12 courses in Engineering & Technology including seven Post Graduate courses, leading to the award of B.E, B.Tech, M.E, M.Tech of Anna University, Chennai. The institution's long, dedicated, diligent and passionate expedition in education continues to contribute to nation building. Under the able guidance and relentless support of the Founder chairman Col. Dr.R.Rangarajan the institute focuses itself on research areas in cutting edge technologies to enable a sustainable and inclusive growth by focusing on "Future Needs" of the society. The "Research Forum constituted for this purpose motivates the faculty, researchers and students to identify research problems and develop research proposals which are later submitted to various funding agencies We have been recognized as a research centre for Physics, Chemistry, ECE and EEE dept by Anna University to pursue PhD programme. The institution has signed 25 Memorandum of Understandings with National and International Industries and Institutions for collaborative research.

# VISION OF THE DEPARTMENT

To establish teaching and research platform in medical electronics for the health and well being of mankind

# MISSION OF THE DEPARTMENT

- To disseminate fundamental knowledge on medical electronics for professional developments.
- To propagate lifelong learning.
- To impart the right proportion of knowledge, attitudes and ethics in students to enable them take up positions of responsibility in the society and make significant contributions.



## PROGRAM EDUCATIONAL OBJECTIVES

(PEOs)

**PEO 1** To enrich the students to liberate themselves in learning skills involving complex thoughts, problem analysis and finding solutions.

**PEO 2** To identify opportunities and develop the level of competency in technical and communication skills to establish their excellence in professionalism.

**PEO 3** To implement the versatile qualities acquired to a chosen career, by providing an impact for the sustainable growth and success.

**PEO 4** To explore their ideas in research and promoting them to be exceptionally good in meeting the challenges of innovation and creativity

**PEO 5** To have a diversified knowledge in medical practices and instrumentation to recognize the needs of society and serve people with professional ethics.



# BIOMEDICAL ENGINEERING

# EDITORS

## ACADEMIC YEAR

2020 - 2021

## EDITORS

Mr. S. Ram Kumar - Faculty

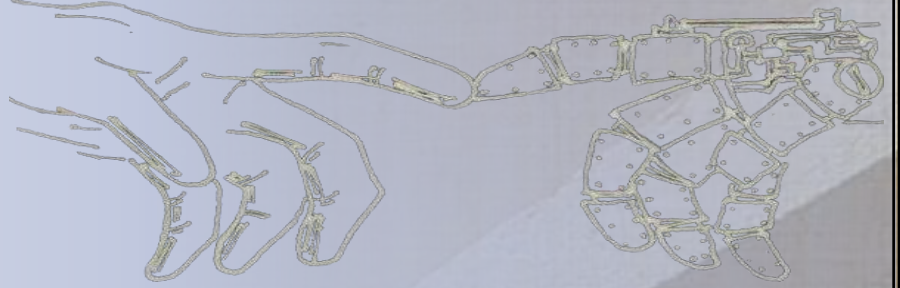
Mr. S. Vinu Raj Kumar - Faculty

Ms. B. Raja Shree - Student

Mr. G. Mukhilan - Student

## PUBLISHER

VEL TECH MULTI TECH



# FACULTY DEVELOPMENT PROGRAM

Place:  
Sri Sai Ram institute of technology  
Chennai

Name of event:  
AD HOC and wireless sensor  
networking

**N. Mahalakshmi**

From:  
22-06-2020

To:  
27-06-2020

444

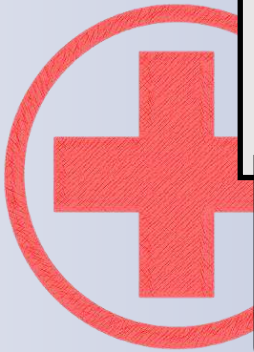
Place:  
SRM institute of science and technology  
kattankulathur

Name of event:  
FDP on examination reforms

**Dr. Lalith venugopal**

From:  
25-07-2020

To:  
31-07-2020



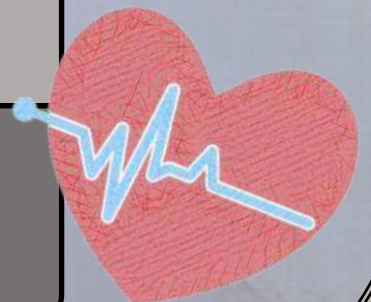
Place:  
IEEE Rajasthan subsection  
Ajmer

Name of event:  
Metamaterials and its application

**M. Shakti Sree devi**

From:  
27-07-2020

To:  
31-07-2020



Place:  
Aarupdai veedu institute of technology  
pondichery

Name of event:  
Research challenges and innovations in  
Renewable resource system

**A.V. Sridhar**

From:  
11-07-2020

To:  
16-07-2020

Place:  
Salem college of engineering and  
technology  
Salem

Name of event:  
Patent drafting for beginners

**A.S. Nivetha**

From:  
26-08-2020

To:  
28-08-2020

Place:  
Jeppiaar institute of technology  
Sriperumbadur

Name of event:  
Hand on FDP: Data science using  
python

**S. Sathish**

From:  
18-05-2020

To:  
22-05-2020



Place :  
Vivekanandha college of engineering  
for women

Name of event:  
Insights Into Quality Research and  
Innovation

**K. Nithyakalyani**

From:  
13-05-2020

To:  
20-05-2020



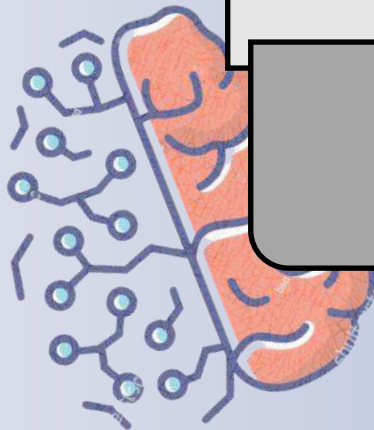
Place :  
Sri Sai Ram institute of technology  
Chennai

Name of event:  
Engineering and Management Teaching  
Pedagogy-An Industry Perspective

**S. Ramkumar**

From:  
11-05-2020

To:  
16-05-2020



Place :  
Sri Krishna Aditya college of arts and  
science  
Coimbatore

Name of event:  
Network security and management

**K. Manikandan**

From:  
09-05-2020

To:  
11-05-2020



# Placement Details

No. of Students placed ( On campus)

Accenture – 05

Climber – 01

Mphasis – 03

SRMtech – 04

WIPRO – 05

ZIFO – 03

CTS – 03

DXC – 08

HCL – 07

Sutherland – 03

TCS – 01

TNQ - 01

----- No. of students placed (Off Campus)

Global Healthcare - 01

GOVT. Stanley Hospital - 01

**Total No. of students placed - 49**

