

STUDENT'S CORNER

TamilNadu State Council for Science and Technology Student Project Scheme 2019-2020

Title of the Project: Versatile Insole Monitoring
Organized by: Tamilnadu State Council for Science and Technology(TSCST)

Title of the Competition: Student Project Scheme 2019-20

Mentor: Dr.C.Gnana Kousalya, HOD/ECE
“Received a funding of Rs.7500/- and Certificates”

IEEE Student Project Funding 2019–20

Title of the Project: “Smart Insole: Unobtrusive vitality monitoring System”

Organized by: IEEE Madras Section

Title of the Competition: Student Project Funding 2019-20

Date: Aug 29th, 2019

Mentor: Dr.C.Gnana Kousalya, HOD/ECE
“Received a funding of Rs.3000/- and Certificates”

S.No	Name of the Student	Batch	Mentor
1	Aruna Krishnan	2016-2020	Dr.C.Gnana Kousalya HOD/ECE
2	Christy Kingsly		

Covid-19 National Bio Information online Hackathon for Full Stackers

S.No	Name of the Student	Batch	Mentor
1	Dhanush B	2018-2022	Dr.C.Gnana Kousalya HOD/ECE
2	Bharath S J		
3	Aravindh A T		

Title of the Project: Mobile Responsive Web for Covid – 19 Care

Organized by: Anna University, Trichy **Winning Status:** Finalist (yet to present in the finals)

Student Conference Participation in NIT

•**R. Subash** from III year presented a paper on “Smart Automated Energy Meter” in the event **ET2ECN 2020** organized by **Sardar Vallabhbhai National Institute of Technology, (NIT)** Surat, Gujarat, India from 7 February 2020 to 8 February 2020.

•**Mira Ganesh** from III year presented a paper on “New Modelisation of Silicon DWDM demux, AND Gate for wavelengths in C and L bands” in the event **ET2ECN 2020** organized by **Sardar Vallabhbhai National Institute of Technology, (NIT)** Surat, Gujarat, India from 7 February 2020 to 8 February 2020.



St. Joseph's Institute of Technology

St. Joseph's group of Institutions

OMR, Chennai-119



Department of Electronics and Communication Engineering

SPARKZ

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Dr. C. GNANA KOUSALYA, M.E., Ph.D.
 Professor & HOD



Dr. G. ROHINI, M.E., Ph.D.
 Professor & HOD



Vision:

To come forth as an eminent department in the field of electronics and communication engineering, research for providing ethical resource persons to serve the industry and society with technical excellence.

Mission:

The department strives

- To provide the best resources in teaching, learning and other educational activities which will train the student to attain his or her fullest potential in the field of Electronics and Communication Engineering.
- To inculcate technical knowledge, leadership qualities, team work and ethical practices in students so as to meet the expectations of the industry as well as the society.
- To organize exclusive courses, conferences, seminars on the current technological developments which will be an added benefit for bringing out the various talents in the students and faculties.
- To sustain connectivity with industries to get on par with the recent technologies and research.
- To foster career improvement through placements, higher education and entrepreneur skills by continuous training and guidance.

HOD'S DESK:

The newsletter is a platform for sharing educational information, activities and events related to the Department. We are pleased to share some of the exciting news in the Department of Electronics and Communication Engineering over the past semester. It aims to inculcate values of basic knowledge of Engineering, science, computer, mathematical, techniques of communication skill & management which will imbibe the ability to apply the basic problem solving techniques. This is a platform to share information also you can participate by sharing your thoughts on the Departmental activities or by contributing information on the events that had been organized.

Subhash R
From III ECE
presenting a paper on
“Smart Automated
Energy Meter”



Mira Ganesh
from III ECE
presenting a paper on
“New Modelisation
of Silicon DWDM
demux, AND Gate
for wavelengths in
C and L bands”

FACULTY DEVELOPMENT PROGRAMME

Title of the Programme: Faculty development programme on LaTeX and Xfig

The department of Electronics and Communication Engineering of St. Joseph's Group of Institutions conducted Three days National Level online Faculty Development Programme in association with Spoken Tutorial, IIT Bombay & MHRD Govt. of India from 15.05.2020 to 17.05.2020.

On the topic 'LaTeX and XFig' nearly 25 different tutorials done by professors of IIT Bombay, where shared through a link to all the participants and procedures were detailed to all for studying and clearing the doubts through forums. Totally 540 Participants from 254 different Colleges, Universities and Industries have participated in this online FDP from many parts of India and Saudi Arabia with great interest.



Title of the Programme: Faculty development programme on SCILAB

The department of Electronics and Communication Engineering of St. Joseph's Group of Institutions conducted Three days National Level online Faculty Development Programme in association with Spoken Tutorial, IIT Bombay & MHRD Govt. of India from 25.05.2020 to 27.05.2020. On the topic 'SCILAB' nearly 24 different tutorials done by professors of IIT Bombay, where shared through a link to all the participants and procedures were detailed to all for studying and clearing the doubts through forums.

Totally 221 Participants from 123 different Colleges, Universities and Industries have participated in this online FDP from many parts of India and Saudi Arabia with great interest. The main objective of selecting SCILAB is to disseminate the usage of this open source tool for numerical computation in scientific applications.



A NATIONAL LEVEL SCHOOL EVENT

The department of Electronics and Communication Engineering of St. Joseph's Group of Institutions conducted an Online National level school event young talent from Grade IX-XII on 10.06.2020. With the theme – COVID-19 a total of 4 Events Namely Drawing Competition, Poster Making, Project Presentation and, Industry Safety during Corona were conducted by the Staff and Student Coordinators. 115 different schools have participated in the online events from all around the World, California, Malaysia and from many parts of India who have shown great interest and actively participated.

