

## International Level IEEE-Women's in Engineering (WIE) Meet

The IEEE WIE One Day National Meet with **Distinguished Lecture** was conducted on 31st August 2019. Mrs. Emi Yano, IEEE Region -10 (Asia Pacific) Women in Engineering Chair, Japan, was the Chief Guest. Dr.Vydeki, Chair, Madras IEEE WIE also accompanied the guest.



## IEEE Photonics Society (PS) Distinguished Lecture Program (DLP)

**Title:** Talk on Photonics for Broadband Microwave Measurement

**Speaker details:** Dr. Shilong Pan Professor, Nanjing University of Aeronautics and Astronautics, Director, Institute of Optoelectronic Engineering, NUAA, China.



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## BEST REGIONAL EMBS Student Society Award

IEEE EMBS St. Joseph's Institute of Technology Student Chapter has been awarded the best regional IEEE EMBS Student Chapter for Asia Pacific. As the regional winner, the chapter will receive a plaque and a 300 USD honorarium to use to support chapter activities.



## Board of Research in Nuclear Science (BRNS) Sponsored workshop

The department of Electronics & Communication Engineering of St. Joseph's Institute of Technology, Chennai organized **Government of India, Department of Atomic Energy, Board of Research in Nuclear Science (BRNS)** Sponsored Three days' workshop on **"Biological Effects of Electromagnetic Fields and Radiations"** from 12<sup>th</sup> – 14<sup>th</sup> December 2019. The sponsored amount is **Rs.40, 000/-**



**"SUCCESS IS WHEN YOUR SIGNATURE CHANGES TO AUTOGRAPH"**

**-APJ Abdul Kalam**



# St. JOSEPH'S INSTITUTE OF TECHNOLOGY

Old Mamallapuram Road, Semmancheri, Chennai, Tamil Nadu 600119

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

# SPARKZ

Newsletter, Volume 7

Jun 19 - Dec 19



**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.

## STUDENTS CORNER

### INNOVATION CENTRE



Name: **E. Godlin Sneha & G. Gloriya Seelan**  
Year & Department: **II year ECE**  
Event: **INAE Youth Conclave 2019**  
Title: **Smart Bag (Under the theme of Digital Revolution)**  
Venue: **IIT Delhi, Main Campus**  
Date: **9 August 2019 & 10 August 2019.**

Received with a  
**Cash awards of Rs.15,000/- & Merit certificates**

### 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.



SPECIAL ACHIEVEMENTS

	<p>Name: <b>Mira Ganesh</b> Year &amp; Department: <b>III year ECE</b> Event: <b>IEEE Photonics Conference -IPC 2019</b> Venue:<b>San Antonio, TX USA</b> Date:<b>29 September 2019 - 3 October 2019.</b></p> <p>Received a travel grant of <b>2500 USD (Rs.1,99,950/-)</b> from <b>IEEE Photonics society</b></p>		<p>Name: <b>Harchana S, JeyalalithaK H, Rishika Srivastava, Rohini H</b> Year &amp; Department: <b>II year ECE</b> Event: <b>Cognizant's Big Idea 2019 – an Ideathon</b> Title: <b>Electricity Controlled by using Heart beat Sensor (Pulsation factor)</b> Venue:<b>Cognizant,Chennai.</b> Date:<b>3 August 2019.</b> Place Won: <b>Finalist</b></p>
	<p>Name: <b>Casandra Josephine Fernando,Dharani V, Subhash R, Shiva Santhosh A</b> Year &amp; Department: <b>III year ECE</b> Event: <b>She Says: Challenge Your Perspective</b> Title: <b>Renewable Energy and Micro Grids</b> Venue:<b>YESIST12 – International Project Competition at “VITCC SB Women in Engineering, at VIT Chennai.</b> Date:<b>13/July/2019.</b> Place Won: <b>III Prize</b></p>		<p>Name: <b>WasimAkram N, Vishal B Vikramchandran B, Sulaiman S Stephen Hijam S</b> Year &amp; Department: <b>II year ECE</b> Event: <b>Line Follower</b> Venue:<b>Chennai International Youth Fest (CIYF),Chennai.</b> Date:<b>1 September 2019 to 15 September 2019.</b> Place Won: <b>Runner Up</b></p>
	<p>Name: <b>Vinoth.N, Sriram.V, Manikandan.K, Deepak. AJeyasurya.S, VikramChandran.B, WasimAkram.N, Stephen Hijam.S, Vishal.B, Dwaragnath.S.V, S.S.Shanjaykumar, Sulaiman.S</b> Year &amp; Department: <b>II &amp; III year ECE</b> Event: <b>MICROMOUSE &amp; ROBO RACE</b> Venue:<b>Technoxian - World Robotics Championship 2019Times of India under AICRA, New Delhi.</b> Date:<b>23/9/2019 to 25/9/2019.</b> Place Won: <b>Finalist</b></p>		

Event: **India Innovation Challenge Design Contest 2019**  
Organizer: **DST & Texas Instruments India Innovation Challenge Design Contest 2019**

**Team 1 - Title: Radioactive Recuperator [III ECE]**  
Name: **Selvamadhavan.N, Sanjay.M, Sri Dharshan V S,Reuben.S, Nikhil Madhavan K A, Shanmugapriyan**

**Team 2 - Title: Smart bag [II ECE]**  
Name: **GodlinSneha, Janeefa T, Bianca S I, JaneshaMarino X, MonishaPriya U,Abirami H, Bharathi R**

**Out of the 747 teams, in our department the above students for being selected for Quarterfinal teams and Total Tools Received worth of \$400USD**

As a part of the **25<sup>th</sup> Anniversary celebrations**of the **St. Joseph's Group of Institutions**

**National Level Robotic Competition**  
**“St. Joseph’s BOT‘19”**

**Date of Event:** 10/10/2019  
**Event Details:**National level School Competition  
“St. Joseph’s BOT” embraced with the following events.  
1.Follow It!!! 2.Sense Through!!! 3.Robotic Applications!!!  
**Total Prize Amount : Rs.40,000/-**  
**No of schools who participated:** Schools-22, Colleges-6



**National Level Technical School Competition**  
**“St. Joseph’s GENIUS‘19”**

**Date of Event:** 14/10/2019  
**Event Details:** National level School Competition “St. Joseph’s GENIUS ‘19” embraced with the following 5events.  
**INNOVX, RE – FLEX, I – QUIZ, TECH – X, SCI-DEBATE**  
**Total Prize Amount: Rs. 45,000/-**  
**No of schools who participated:** 583 students & 38 Schools

