



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR (2017-2018) ODD SEMESTER
THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS (IETE)
IETE STUDENTS' FORUM (ISF)
GUEST LECTURE - ACTIVITY REPORT**

24.7.17

The IETE students Forum (ISF) organized a guest lecture titled “Solar Powered Inverters” on 21.7.17 for the IETE student members. Mr.T.Jeyaseelan, AP/ECE, IETE Students' Forum (ISF) coordinator coordinated the activity. The IETE student members have attended the Guest Lecture. Er. S. Arunkumar, Manager, Engineering & Solution support, YASKAWA INDIA PVT.LTD, Bangalore, was the resource person.



Mr.T.Jeyaseelan , Asst.Professor,ISF-coordinator, honoring Er. S. Arunkumar, Manager, Engineering & Solution support, YASKAWA INDIA Pvt. Ltd. Bangalore



Er.S. Arunkumar, Manager, Engineering & Solution support, YASKAWA INDIA PVT.LTD delivering guest lecture.



View of the participants (IETE student members)

Mr.S. Arunkumar, in his lecture shared about his firm YASKAWA and their major products in the field of solar power systems. He explained the concept of solar power harvesting, working principle of Photovoltaic cell, specifications & requirements of PV panel and functional blocks of solar powered inverter. He also highlighted the concepts and techniques of maximum power tracking, positioning and orientation of PV panels, comparison of output power obtained in winter and summer and issues of solar power harvesting. Through the guest lecture, the students gained technical knowledge on solar powered inverter and its applications in the field of Renewable energy. The session was informative and the students were interactive and inspired.