



IGNITE

CATCH THE TECHNOLOGY

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
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Message from

Dr. M. Srinivasulu,

Prof. & Head, ECE Dept

The ECE Dept newsletter is a platform for sharing educational information, activities and events related to the ECE Department. I hope that the news letter will provide useful and relevant information. It is the intent of the department to make it a Quarterly publication to keep in touch with the departmental activities and achievements. This is a platform to share information and you can participate by sharing your thoughts on the Departmental activities or by contributing information on the events that you have organized.

Department Vision:

To become centre of excellence in Electronics and Communication Engineering to meet the challenges of industry and the society

Department Mission:

DM1: Impart high quality education to enable students to face challenges Of Electronics and Communication Engineering.

DM2: Provide all possible support to promote activities in the related areas of VLSI, Communications, Signal Processing, and Micro Processors & Micro Controllers.

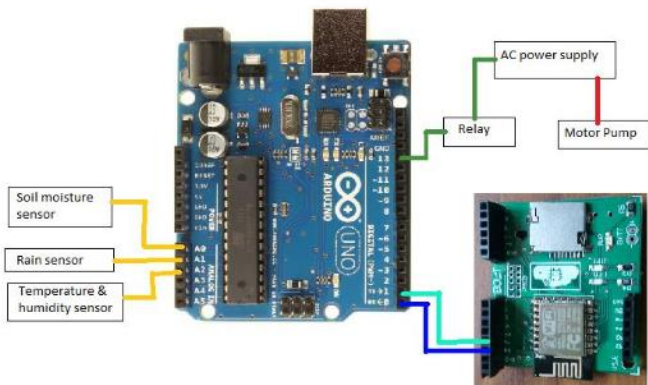
DM3: Inculcate ethical, professional values and life-long learning skills to address the societal needs

Technology:

Arduino Based Smart Irrigation System using IoT

In India, agriculture in villages plays an essential role in developing the country.

Basically, agriculture depends on the monsoons which have not enough water source. To overcome this problem, the irrigation system is employed in the field of agriculture. In this system, based on the soil type, the water will be provided to the agricultural field. In agriculture, there are two things, namely, the moisture content of the soil as well as the fertility of the soil. At the present time, there are several types of techniques available for irrigation to reduce the need for rain. This type of technique is driven by on/off schedule using electrical power. This article discusses the implementation of a smart irrigation system using IoT



Smart Irrigation System using IoT

Industrial Visits:

SHAR, Sriharikota



Effectronics Pvt Ltd, Vijayawada



Student's Participation:

Freshers Day Celebrations:

