

MALINENI PERUMALLU

EDUCATIONAL SOCIETY'S GROUP OF INSTITUTIONS



Electronics and Communication
Engineering

AUTONETICS

Volume:01 Issue :02

Department of ECE

Blockthon

Date: *10-12-2018 and 15-12-2018*

20 Students from II & III ECE

36 Hours hackathon on **Block chain Technology**



Block chain, sometimes referred to as Distributed Ledger Technology (DLT), makes the history of any digital asset unalterable and transparent through the use of decentralization and cryptographic hashing. **Block chain hackathon** is an event where developers are given resources to build a decentralized application (dApp). ... A competition between **block chain** developers. Usually, **block chain** -related companies organize such events in order to find talented programmers and hire them

Department of ECE

Embedded Systems

Resource Persons visited: APSSDC

Mr. Naga Raju

Date: 03-01-2019 and 05-01-2019

Subject: Embedded Systems

Audience: MPES IV ECE & EEE students



Embedded system is a controller with a dedicated function within a larger mechanical or electrical **system**, often with real-time computing constraints. It is **embedded** as part of a complete device often including hardware and mechanical parts. **Embedded systems** control many **devices** in common use today

Makara Sankranti is a festival day in the Hindu calendar, dedicated to the deity Surya. It is observed each year in January. It marks the first day of the sun's transit into Makara, marking the end of the month with the winter solstice and the start of longer days.

Makara Sankranti also known as **Makar Sankranti** is **celebrated** in various parts of the Indian subcontinent to observe the day which marks the shift of the sun into ever-lengthening days. The festival is a seasonal observance as well as a religious **celebration**



Department of ECE

Many people throughout India celebrate the nation's **Republic Day**, which is a gazette holiday on January 26 each year. It is a day to remember when India's constitution came into force on January 26, 1950, completing the country's transition toward becoming an independent Republic

The main **difference between Independence Day and Republic Day** is that the **independence day** refers to the **day** a country has gained **independence** from the colonial rule or freed from the rule of another nation while the **republic day** refers to the **day** a country has become a **republic**.



Department of ECE

Boot camp on Block chain

Date:09-2-2019

II & III ECE students

- Resource persons : Pankaj Diwan ,
Idea Labs



Thought leadership holds the key to success in today's world, especially in a field like Technology Innovation where changes occur at the speed of thought. Creating the future is not easy. There are no smooth roads. No set standards to meet. No blue prints to follow. Thinking...Rethinking , Searching... Researching, Engineering... Re-Engineering becomes a way of life. Tossing somewhere in between the realms of dreams and reality, an IDEA takes birth !!!

Department of ECE

Gamification with AR & VR Build box

Resource Persons visited: APSSDC

Ms..K.Sri Rama Alekhya

Ms. B.Sahithi

Date:14-02-2019 and 16-02-2019

Subject: Gamification with AR & VR Build box

Audience: MPES II ECE students



Digital reality technologies are rapidly changing the way we work and play. As these technologies become ubiquitous, the world of learning and development is waking up to the infinite possibilities of incorporating these technologies into the learner experience.

Department of ECE

“ Welcome to Industry”

Speaker: **Mr. V. Nageswara Rao**, Dy. Manager,

• Birla Corporation Ltd

Students: **III & IV B.Tech ECE students**

Date: 18-02-2019



The term Industry 4.0 was coined by German Government which indicates use of latest digital technologies like Internet of Things in manufacturing industry.

Sometimes it is also known as **Industrial Internet of Things (IIoT)**. It refers to the 4th industrial revolution.

Here is the brief history of industrial revolutions:

- ❖ Industry 1.0: use of water and steam power
- ❖ Industry 2.0: introduced mass production with the help of electric power.
- ❖ Industry 3.0: use of electronics and IT to further automate production.
- ❖ Industry 4.0: digitization of manufacturing with the use of Internet of Things, Big Data, automation of processes with Robots, 3D printing, drones & Artificial Intelligence (AI)

Faculty Publications

S. No.	Name of the Faculty	Title of the Paper	Name of the Journal/Conference	Year/Vol./Issue/Page Nos.	ISSN No.
1	Dr.Sanjay Kumar Suman	Implementing of floating point FFT using parallel prefix multiplier for fast operation	JASC	Vol-6, Issue-4, April 2019	239-242
2	D.Vijayasara dhi	Light Weight Multi Layered Coated CNT Polymer Shielding for Electromagnetic Radiation.	JARDCS	Vol-10, Issue-2 April 2018	1992 - 1454
3	Ch.Ramesh	Short Note On The Applications Of Compressive Sensing In Image Restoration.	SICA	Vol-2,2019	267-273