

A.G & S.G Siddhartha Degree College of Arts & Science, Vuyyuru

DEPARTMENT OF PHYSICS

SEMINARS

NAME OF THE EVENT: SEMINAR ON PROGRAMMING OF MICROPROCESSOR AND MICROCONTROLLER

2019-20

- Date :- 22/1/2020

- Introduction

An essential tool for programming a microprocessor is an Integrated Development Environment (IDE). This is software that is developed by the creators of the microprocessors which will compile the code into a language the machine can understand. Once you have an IDE setup, you can begin writing your code.

Programming of Microprocessor and Microcontroller”

1. Inaugural session

Ms.Ratna Sree Lecturer in Electronics Delivering speech on Microprocessor



2. Keynote address

Microprocessor programming languages can typically be divided into three main types: machine language, assembly language, and high-level language. A machine language program consists of either binary or hexadecimal op-codes.

- **Technical session I:**

Resource person –

**Ms.Ratna Sree , Lecturer in Electronics,
Sri Venkateswara Degree College, Machilipatnam.**

Topic covered-

Programming of Microprocessor :-

A **microprocessor** is a multipurpose, programmable, clock-driven, register- based electronic device that reads binary instructions from a storage device called memory, accepts binary data as input and processes data according to those instructions and provide results as output.

These are some assembly level programs for various problems in 8085 and 8086 microprocessors .

- Photos
- **Ms.Ratna Sree Lecturer in Electronics Delivering speech on Microcontroller.**



- **Technical session II :**

Resource person – **Ms.Ratna Sree Lecturer in Electronics,
Sri Venkateswara Degree College, Machilipatnam.**

Topic covered- **Programming on Microcontroller”**

Microcontroller programming involves writing software that enables microcontrollers to control and execute tasks within an embedded system. It is a computer system that is integrated into a device or product to perform specific functions .

- Photos
Ms.Ratna Sree Lecturer in Electronics Delivering speech on Microprocessor and microcontrollers .



A.G & S.G Siddhartha Degree College of Arts & Science, Vuyyuru

NAME OF THE EVENT: SEMINAR ON ARTIFICIAL INTELLIGENCE

2019-20

Date :- 9-3-2020 to 14-3-2020

- Introduction :- **Artificial Intelligence**
1. Inaugural session

U .RAM PRASAD, HOD OF PHYSICS, Delivering speech on Artificial Intelligence



2. Keynote address

Artificial intelligence is a field, which combines computer science and robust datasets, to enable problem-solving. It also encompasses sub-fields of machine learning and deep learning, which are frequently mentioned in conjunction with artificial intelligence.

- **Technical session I:**
Resource person –
Mr.U. Sai Ram, CEO, Codegnan IT Solutions OPC. LTD, Vijayawada

Topic covered- **Artificial Intelligence**

Artificial intelligence is the simulation of human intelligence processes by machines, especially computer systems. Specific applications of AI include expert systems, natural language processing, speech recognition and machine vision.

Photos



- **Technical session II :**

Resource person – **Mr.U. Sai Ram, CEO, Codegnan IT Solutions OPC. LTD, Vijayawada**

Topic covered- **Artificial Intelligence**

Artificial intelligence is the simulation of human intelligence processes by machines, especially computer systems. Specific applications of AI include expert systems, natural language processing, speech recognition and machine vision

- Reactive machines. Reactive machines are AI systems that have no memory and are task specific, meaning that an input always delivers the same output. ...
- Limited memory. The next type of AI in its evolution is limited memory. ...
- Theory of mind. ...
- Self-awareness

Photos

