**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**
**(UGC-AUTONOMOUS)**
Estd 1998

Affiliated to JNTUA, Anantapur & Approved by AICTE, New Delhi
Recognised Research Center
Accredited by NBA for CSE, ECE, EEE & ME
World Bank funded Institute
Recognised by UGC under the sections 2(f) and 12(B) of the UGC act 1956
Recognised as Scientific & Industrial Research Organization by DSIR of DST

## Circular Dated: 16-01-2019

All the students III- B.Tech- CSE are here by informed that A Guest Lecture on IT TRENDS is going to be conducted on 19 -1-2019 with the concept of research in the new areas in the industry like Artificial Intelligence, Machine learning ,Block Chain, Robotics & Internet of Things (IoT).

PRINCIPAL
Madanapalle Institute of Technology & Science
Pedbur Road, Kadiri Road, Angallu
MADANAPALLE-517 325, A.P

Copy to: 1. All the III- B.Tech- CSE & CSE Class rooms.

2. Circular to Notice Board

# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
## (UGC - AUTONOMOUS)

### Report on A Guest Lecture
### IT TRENDS
### Organised by
### Department of Computer Science and Engineering
### 19 -1-2019



*Submitted by: Mr. Y C A Padmanabha Reddy, Assistant Professor, Department of CSE*

Attended: III B. Tech CSE Students (total 65
Students) Venue: CSE Seminar Hall (West
Block).

**Resource Person: Jakkir Hussain, Program Manager, HCL-Bangalore & Alumnus of MITS**

The guest lecture was started at 10 a.m. the resource person **Mr. Jakkir Hussain** addressed the significant new areas in the industry like Artificial Intelligence, Machine learning Block Chain, Robotics & Internet of Things (IoT). He created awareness of the said technologies and also explained the huge requirement of skilled personnel in those areas in future. He explained the technologies in brief as fallows: -

**1) Artificial Intelligence(AI)**: "AI refers to computer systems built to mimic human intelligence and perform tasks such as recognition of images, speech, or patterns and decision making". AI can perform these tasks faster and more accurate than humans.
The topics that are discussed are the applications of AI in all the fields such as medical, retail, marketing, telecom, governance, industry etc., Automation and how it would eliminate and create jobs in industry with statistics: 73 million jobs will be eliminated by 2030 and 23 million jobs will be created by 2020. Students were advised to do certification in AI to grab the opportunities in IT.

**2) Machine Learning (ML)**: The resource person explained the categorization of machine learning which is basically divided in to supervised learning and unsupervised learning. He also explained the subsets of MLsuch as neural networks, natural language processing (NLP) and Deep Learning. These subsets provide great opportunities for specializing career.

**3) Robotics Process Automation (RPA)** is another technology which is automating jobs. He addressed that any repetitive jobs are automated and listed about the job roles where RPA offers plenty of opportunities such as developer, project manager, business analyst, solution architect and consultant.

**4) Block Chain:** Block Chain is defined a*s the data you can only add to, not take away from or change*. Hence, the term "***Chain***"; because we are making a chain of data. It is told that there is a huge demand for a block chain developer and the average yearly salary for a bock chain developer is $ 130,000.

The resource person motivated the students towards the current trends in industry including

**Cyber Security and Internet of Things(IoT)**. Finally, he addressed the importance of programming language and also quoted "Student with single programming language (Front end) and a database (backend) is required for getting a job in IT industry".

**Feedback:** The students were too enthusiastic to know about the current trends in IT sector and interaction with the Alumni expert was too good. They are expecting this type of Alumni guest lectures in future also with specific trend (AI, Machine Learning etc.,)

Finally, the resorce person was felicitated by Dr P Ramesh Reddy, Alumni Relations Officer, CSE HoD and Department faculty.

*PAPER CLIPS*



## Information Technology as a Career Opportunity

The Department of Computer Science and Engineering of Madanapalle Institute of Technology and Science organized a guest lecture on IT Trends on 19 -1-2019. Mr. Jakkir Hussain addressed the significant new areas in the industry like Artificial Intelligence, Machine learning Block Chain, Robotics & Internet of Things (IoT). He created awareness of the said technologies and also explained the huge requirement of skilled personnel in those areas in future. He explained the technologies like Artificial Intelligence(AI), Machine Learning (ML), Robotics Process Automation (RPA), Block Chain and Cyber Security and Internet of Things(IoT). Program chairperson and Principal participated in the session.

# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE
## (UGC-AUTONOMOUS)

IT Trends, Held on 19 -1-2019

| S.No | Roll No | Name of the Candidate | Signature |
|---|---|---|---|
| 1 | 17691A05C1 | SANDYA. C | Sandya |
| 2 | 17691A05C2 | SAI AKHIL. L | Akhila |
| 3 | 17691A05C3 | SAI KUMAR. G | Kumar |
| 4 | 17691A05C4 | SAI CHAITANYA YADAV. S | Chaitanya |
| 5 | 17691A05C5 | SAI LEELA. G | Leela |
| 6 | 17691A05C6 | SAI RISHITHA. C | Rishitha |
| 7 | 17691A05C7 | SAINATH REDDY. K | Sai Nath |
| 8 | 17691A05C8 | SAIPAVANITHA. T | Vanitha T |
| 9 | 17691A05C9 | SANJEEVAIAH. T | SANJEEVAIAH |
| 10 | 17691A05D0 | SATHVIKA. M | Sathvika |
| 11 | 17691A05D1 | SHALINI. K M | Shalini |
| 12 | 17691A05D2 | SAI KARTHIK REDDY. N | Karthik |
| 13 | 17691A05D3 | SIREESHA. K | Sireesha. k |
| 14 | 17691A05D4 | SIREESHA. M | Sireesha M |
| 15 | 17691A05D5 | SIVA. B | Siva |
| 16 | 17691A05D6 | SNEHA REDDY. K | K. sneha Reddy |
| 17 | 17691A05D7 | SOUMYA. P | Soumya |
| 18 | 17691A05D8 | SRICHAITRA. P | Chaitra |
| 19 | 17691A05D9 | SRUTHI. G | G. Sruthi |
| 20 | 17691A05E0 | SUJITH KUMAR. R | Sujith Kumar R |
| 21 | 17691A05E1 | SUMANTH. K | Sumanth |
| 22 | 17691A05E2 | SUMIYA. T | Sumiya T |
| 23 | 17691A05E3 | SUNAYANA. A | A. Sunayana |
| 24 | 17691A05E4 | SUNIL KUMAR REDDY. D | Sunil |
| 25 | 17691A05E5 | SUPRIYA. C | Supriya |
| 26 | 17691A05E6 | SUSHMA. S | S. |
| 27 | 17691A05E7 | SUSHMITHA. N | Sushmitha |
| 28 | 17691A05E8 | TEJASWINI. G | Tejaswini. G. |
| 29 | 17691A05E9 | THANUJA. T | Thanuja. T |
| 30 | 17691A05F0 | THANUSHA. N | N.Thanusha |
| 31 | 17691A05F1 | THARUN KUMAR. V | Tharun kumar |
| 32 | 17691A05F2 | THEJESH. M | Thejesh. M |
| 33 | 17691A05F3 | THEJESWEE N | Thejeswee |
| 34 | 17691A05F4 | THIRAN KUMAR REDDY. A | Thiran kumar |
| 35 | 17691A05F5 | USHA. G | Usha G. |
| 36 | 17691A05F6 | VAISHNAVI. M | Vaishnavi |
| 37 | 17691A05F7 | VAMSI KRISHNA. M | Krishna. M |
| 38 | 17691A05F8 | VAMSIDHAR REDDY. P | Vamsidhar. P |
| 39 | 17691A05F9 | VARSHITHA. K | Varshitha |
| 40 | 17691A05G1 | VEENA LATHA. G | Veena Latha. G |
| 41 | 17691A05G2 | VEERENDRA. P | Veerendra |
| 42 | 17691A05G3 | VENKATA PRASAD. R | Prasad. |

HOD CSE
Head of the Department
Computer Science & Engineering
Madanapalle Institute of Technology & Science
MADANAPALLE-517 325..