

NEW HORIZON COLLEGE OF ENGINEERING

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

GUEST TALK -ODD SEM (2019-2020)

Subject: Technology Trends and Industry in Future Expert name: Mr. Veerendra V

Audience: V A&B

Date: 27-08-2019(10:00AM-12:00PM)

The department of Information Science and Engineering has conducted Expert talk on the topic “Technology Trends and Industry in Future” for the 5th semester students on 27th August, 2019 under the supervision of ISE Head of the department, Dr. Anandhi R J at ISE department. The expert speaker, Mr. Veerendra V was invited to conduct the same.

- Speaker is multi skilled professional with 16+ years of experience in the IT industry specialized with Industrial Automation, Data Structures, Data Science, and Computer Networks. He is also certified as EMC academic associate on cloud infrastructure and services by EMC ^2.

VARIOUS SESSIONS THROUGHT THE PROGRAM:





Expert talk on Computer Organisation by Mr. Veerendra V

TOPICS COVERED:

- History Of Technology
- Futuristic Predictions
- Contribution to Technology

❖ INTRODUCTION TO COMPUTER ORGANISATION

- **1876: Telephone**
Once it was possible to send information through a wire in the form of dots and dashes, the next step was actual voice communication.
- **1937: Computer**
Iowa State mathematician and physicist John Atanasoff designed the first electronic digital computer.
- **1974: Personal computer**
The first computers that emerged after World War II were gigantic, but, with advances in technology, especially in putting many transistors on a semiconductor chip, computers became both smaller and more powerful.
- **1974: Internet**
Vinton Cerf and Robert Kahn produced the TCP/IP (Transmission Control Protocol/Internet Protocol), which describes how data can be broken down into smaller pieces called packets

❖ Futuristic Predictions

- Futurists can dish out some exciting and downright scary visions for the future of machines and science that either enhance or replace activities and products near and dear to us. Being beamed from one location to another by teleportation was supposed to be right around the corner in our lifetime just decades away, but it hasn't become possible yet.
- Forecasting the future of technology is for dreamers who hope to innovate better tools -- and for the mainstream people who hope to benefit from the new and improved. Many inventions are born in the lab and never make it into the consumer market, while others evolve beyond the pace of putting good regulations on their use.

❖ Contribution to technology

- Technology is one most unstable form which keeps on changing for the comfort of mankind. Some technologies are designed exclusively for the destruction or environment, but most are designed for economic or ergonomic effects. Technology has been crucial part of human; most of the things that we use

today are the advance form of primitive electricity, its all because of advancement of technology. The great benefits technology bring to us is obviously influents our lives anywhere, not only does the improvement of technology make our lives more comfortable, but also benefits human beings in various fields ,such as manufacture, medicine ,education, communication and so on.

- Firstly, development of technology have made many conveniences in our lives which is brought about thought the science and technology and our standard of lives becomes more and more high than it was in the past. For example, technology contributes to higher productivity and therefore lower cost and less labour.
- Second, advances could be in the field of health, digital transmission of data, together with application of MRI technology and micro circuitry have created opportunities for the medical profession to gain more accurate information, analysis, and prognoses than ever before [MRI-- Magnetic Resonance Imaging]. This has made physicians very comfortable to predict the disease or the problem in human, which has made our life healthier and could live long life.

The outcome of this program is that the students were provided good knowledge about the computer organisation concepts.

List of Participants

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1NH17IS008	AKHILA S
1NH17IS009	AKSHAY S PRATHAP
1NH17IS011	PAVEL ANUP
1NH17IS012	ANEESH MOHAN KUMAR
1NH17IS013	ANITHA.B
1NH17IS015	ANUSHA K
1NH17IS016	APURBA BHATTACHARJEE
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