



KSSEM
K S SCHOOL OF ENGINEERING AND MANAGEMENT

KammavariSangham (R) 1952

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Technical Talk Report on Road Map for Career Success

Event name: Road Map for Career Success

Date of event: 12th January, 2024

Venue: No 311, 3rd Floor

Number of participants: 70

Targeted Audience: 2nd Year ECE Students.

The department of Electronics and Communication Engineering, KSSEM, had organized a technical talk on, “**Road Map for Career Success**” on 12th January, 2024 at 10AM IST.

The talk was delivered by **Mr. Hanumanth Reddy**, Pygenicarc, **Dr.K Senthil Babu**, HoD of ECE, graced the event with his presence. The seminar was attended by both faculty members and students.

Discussion:

Robotics is the study, design, and construction of a machine capable of executing many activities more efficiently and quickly than people. Computer, mechanical, electrical and electronic engineering are all used in robotics. Regardless of how you define a robot, robotics includes designing, developing, and programming a physical robot capable of performing various complex and time-consuming tasks. We can say that synthetic intelligence is the most effective subset of robotics.

Many people are concerned that robots or complete automation would one day take their jobs; however, this is no longer the case. Robotics’ future will bring more benefits than drawbacks to the workplace. They improve a company’s potential for success while also improving the lives of genuine, human employees who are still required to keep operations running smoothly. If you’re considering investing in a few robots, share the benefits with your employees. You’re probably surprised how many of them are too short to aid the concept.



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Robotics and Its Applications

Future Robotics Applications in Productivity

Robots are limited in their abilities. Some jobs demand that a human complete them. If your human employees aren't stuck doing tasks that robots could quickly do, they'll be more available and productive. Customers may contact them, they can respond to emails and comments on social media, they can help with branding and marketing, and they can push things. You'll be astonished at how much more they can do when the grunt work isn't holding them down. Robotic systems can be updated regularly to achieve maximum efficiency. The best commercial robots use the minor strength possible to perform specific movements.

Future Robotics Applications in Safety

Employees can be relieved of risky work by robots. They can be used in dangerous situations, such as poor illumination, toxic chemicals, or confined areas. They can lift huge loads without harming themselves or becoming exhausted. Employee safety is boosted by robots' ability to prevent harm. The most apparent advantage of **robotics in technology** is safety. Heavy and sharp hardware, machinery, and gear that keep a person walking in a heated environment with sensitive items can be fatal by delegating high-risk tasks to a robot.

Photo Gallery



Fig 1. Speaker addressing the Audience



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Fig 2. Students Participants in the Event

Mrs. Jayashree G R

Co-ordinator

Dr. K Senthil Babu

HOD, ECE



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Event