

# MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution – UGC, Govt. of India)

(Affiliated to JNTU, Hyderabad, Approved by AICTE - Accredited by NBA & NAAC – 'A' Grade, ISO 9001:2008 Certified)

School of CSE (Emerging Technologies) – AIML / Cyber Security / Data Science / IoT



March 26, 2022



## A TECHNICAL SESSION ON ROBOTIC PROCESS AUTOMATION



**Venue of the Event:** MRCET CAMPUS Auditorium

**Duration (in minutes):** 80 Minutes

**Mode of Delivery:** Offline

**No of Student Participants:** 200

**No of Faculty Participants:** 20

The Department of Computer Science and Engineering (Emerging Technologies) organized a Technical Session on “ **Robotic Process Automation** ” on 26<sup>th</sup> March, 2022 for the students of Artificial Intelligence & Machine Learning, Data Science, Cyber Security and Internet of Things.

The session started at 2:00pm in placement cell auditorium. **Dr. T Venugopal**, the Dean of MRCET CAMPUS took the charge and addressed the gathering about Robotic Process Automation, He was share the opportunities and strengths of Robotic process in current trends. **Dr. P H V Sheshatalpa Sai**, Director of R&D – MRCET CAMPUS continue the session with his great inspirational ideas about Robotic process automation in businesses is meant to reinvent business roles, such as interpreting job applications, processing transactions, dealing with data, and replying to jobs. The robotic process replaces human workers by carrying out mundane tasks in order of importance . This brings efficiency and better quality of results. **Dr. M.V Kamal**, the HOD of SOCSE3 gave motivation to his students about current session benefits and importance of Robotic Process automation with his great encouragement ideas was shared. He explained about Advancement in technology has led to the use of smart technologies in carrying out tasks and jobs through automated processes. As the world becomes more mechanized and industrialized, it becomes more necessary to automate jobs and tasks for efficiency, reduced cost, and better quality of products. He also direct the students to take an opportunity & use effectively.

A Technical session was demonstrated by **Mr. K. Satya Prasad**, Sr. Manager (Process Excellence & Improvement) from Herbalife International Software Services Pvt. Ltd. . He he take up session and explained about Automation technology, like RPA, can also access information through legacy systems, integrating well with other applications through front-end integrations. This allows the automation platform to behave similarly to a human worker, performing routine tasks, such as logging in and copying and pasting from one system to another. While back-end connections to databases and enterprise web services also assist in automation with quick and simple front-end integrations.

Robotic process automation (RPA), also known as software robotics, uses automation technologies to mimic back-office tasks of human workers, such as extracting data, filling in forms, moving files, etc.

It combines APIs and user interface (UI) interactions to integrate and perform repetitive tasks between enterprise and productivity applications. By deploying scripts which emulate human processes, RPA tools complete autonomous execution of various activities and transactions across unrelated software systems.

Robotic process automation is often mistaken for artificial intelligence (AI), but the two are distinctly different. AI combines cognitive automation, machine learning (ML), natural language processing (NLP), reasoning, hypothesis generation and analysis. The difference is that, RPA is process-driven, whereas AI is data-driven.

### Objectives of RPA:

- Reduce the time and cost
- Improve operational efficiency
- Reduce risk
- Improve productivity

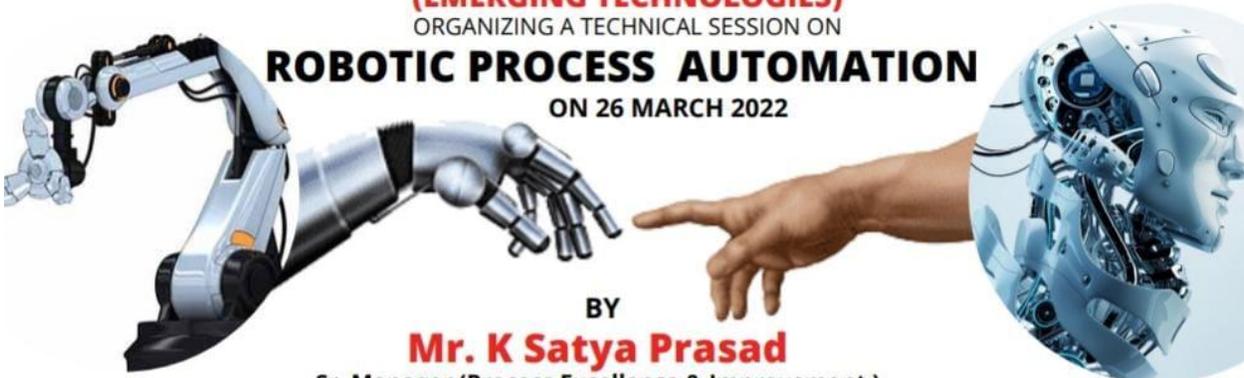
### Benefits of RPA for Businesses:

- Cost-Effective & Consistency
- Accuracy & Quality
- Increased Employee Productivity
- Improved Analytics and Faster
- Increased Customer Satisfaction
- Reconciliation from Multiple Systems
- Better customer experience
- Lower operational risk
- It does not replace existing IT systems



**MRCET CAMPUS**  
AUTONOMOUS INSTITUTION-UGC, GOVT INDIA

**DEPARTMENT OF CSE**  
**(EMERGING TECHNOLOGIES)**  
ORGANIZING A TECHNICAL SESSION ON  
**ROBOTIC PROCESS AUTOMATION**  
ON 26 MARCH 2022

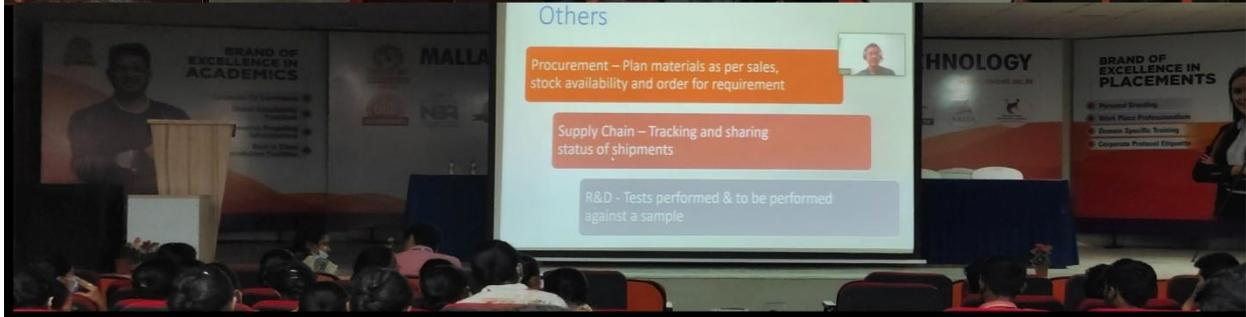
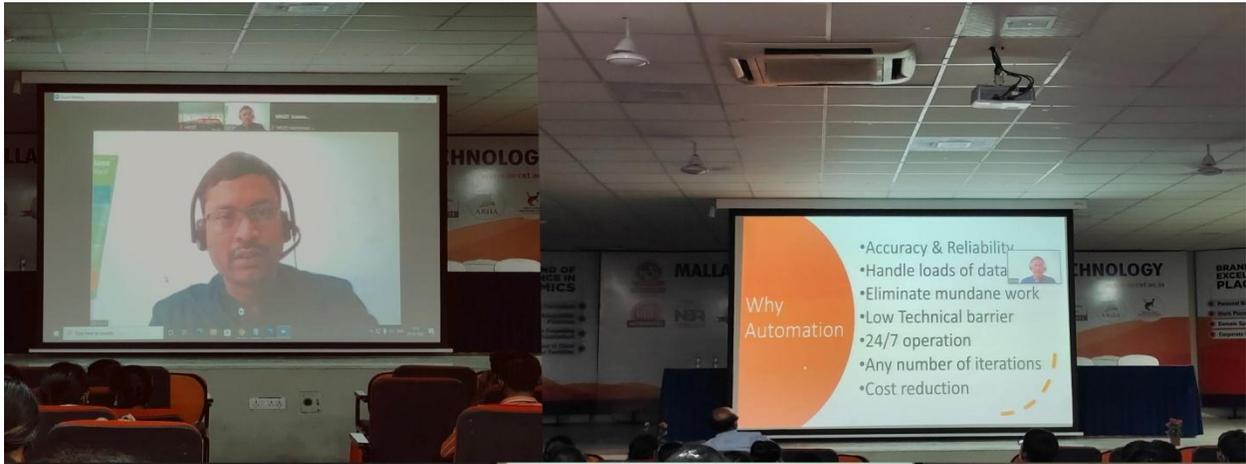


BY  
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**Dr. V. S. K Reddy** Director  
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**Dr. T. Venugopal** Dean  
**Dr. P. H. V. Sessa Talpa Sai** Dean(R&D)  
**Dr.M.V Kamal** HoD- CSE-ET





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