

## Department of Mechanical Engineering

### ALUMNI GUEST LECTURE

KLEF/ME/IQAC - STUDENT/2020-2021/SQ.9/ALUMNI CONTRIBUTIONS

Venue	Peacock Hall
Date & Time	24-02-2021, @3PM

On behalf of Department of Mechanical Engineering, K L Deemed to be University, Mr. M. Sai Sunil (KLEF Alumni) completed his graduation from ME in 2018, currently working as Robot Programmer and Analyst at Cognizant-Chennai, who was cordially invited to present a guest lecture. He accepted our invitation and given a talk on “**Robotic Process Automation**” on 24<sup>th</sup> February, 2021 from 3:00 p.m. to 4:00 p.m. to II/IV B.Tech students in Peacock Hall. A total of 115 Students were attended the session.

Mr. M. Sai Sunil was introduced by Mr. V. Nagaraju to the participants in the beginning. Then, he was invited to deliver his talk on the above topic. The following are the main points covered by him during his lecture.

- Robotic process automation (RPA) is a form of business process automation technology based on metaphorical software robots (bots) or on artificial intelligence (AI)/digital workers. It is sometimes referred to as software robotics.
- In traditional workflow automation tools, a software developer produces a list of actions to automate a task and interface to the back-end system using internal application programming interfaces (APIs) or dedicated scripting language. In contrast, RPA systems develop the action list by watching the user perform that task in the application's graphical user interface (GUI), and then perform the automation by repeating those tasks directly in the GUI.
- RPA tools have strong technical similarities to graphical user interface testing tools. These tools also automate interactions with the GUI, and often do so by repeating a set of demonstration actions performed by a user. RPA tools differ from such systems in that they allow data to be handled in and between multiple applications, for instance, receiving email containing an invoice, extracting the data, and then typing that into a bookkeeping system.

The following are the some of the pics during the session:



Introducing the Guest



Guest Speech



Students listening to guest's speech



Feliciation to Guest Speaker by Mechanical Professor

**Prepared by**  
**(Dr. S. Sudhakar Babu)**  
**In-Charge, Alumni**

**Authorized By**  
**HOD-ME**