



**AARUPADAI VEEDU  
INSTITUTE OF TECHNOLOGY**  
OMR, PAIYANOOR, CHENNAI - 603104



**VINAYAKA MISSION'S  
RESEARCH FOUNDATION**  
(Deemed to be University under section 3 of the UGC Act 1956)



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## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **THRUST AREA RESEACH GROUP CAD / CAM & ENGINEERING DESIGN AND COLLEGIATE CLUB (EDCC)**

### **WORKSHOP ON “INDUSTRY 4.0 WORKSHOP” – 09.08.19**

Department of Mechanical Engineering in association with Engineering Design Collegiate Club (EDCC) - Thrust Area Research Group - CAD / CAM organised a workshop on “**INDUSTRY 4.0 WORKSHOP**” on 09.08.2019. Around 120 Final year students & Third years students from Department of Mechanical Engineering had attended the programme. The Expert speaker **Ms. Padmavathy Jonnalagadda, Senior Trainer, Sarada Technologies** explained about the automation concepts in Industry and Importance of Automation and Job opportunities. The workshop was very helpful in understanding the basics of Automation.

### **WORKSHOP CONTENT**

- Demonstration of Industrial IOT and Industrial robotics
- Prototype of Warehouse management
- Involving the concept of IIOT and Industrial robotics
- Working and logic used
- CIROS and Fluid SIM software
- Demonstration of Cyber security and big data analytics
- Demonstration of system hacking
- Importance of cyber security in IOT
- How and where data is analysed
- Cloud Computing

Outcome:

The student understood the concepts of Robotics & Industrial Automation, Warehouse management, data analysis, cloud computing and cyber security. The students can undergo training in automation and embedded systems also. They also will assist our students in Projects works, Internship and Placement activities.

Invitation:



**AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY**  
(A Constituent College of Vinayaka Mission's Research Foundation)

**VINAYAKA MISSION'S RESEARCH FOUNDATION**  
(Research & Development Center, Vinayaka Mission's Research Foundation)

**DEPARTMENT OF MECHANICAL ENGINEERING**  
IN ASSOCIATION WITH  
**ENGINEERING DESIGN COLLEGIATE CLUB (EDCC) & CAD / CAM THRUST AREA RESEARCH GROUP (TARG)**

**CORDIALLY INVITES YOU TO THE WORKSHOP ON "INDUSTRY 4.0"**

**Date :** 09<sup>th</sup> Aug 2019    **Time:** 10.00 AM    **Venue:** Digital Hall 1

**Chief Guest**  
**Ms. Padmavathy,**  
Senior Trainer,  
Sarada Technologies.

**Presided By**  
**Dr. S.A.V. SATYA MURTY**  
Campus Director, AV Campus

**Special Address By**  
**Dr. K. L. SHUNMUGANATHAN**  
Principal, AVIT

**Felicitation**  
**Dr. S. P. SANGEETHA**    **Prof. P. RAJASEKARAN**  
VP(Academics), AVIT    VP(Admin.), AVIT

**Mr. RAGAVAN RAJAN**  
Facility Manager, AVIT

**With warm regards**  
**Prof. L. PRABHU,** Head - MECH  
**Mr. R. PRAVEEN,** Co-ordinator, Asst. Prof. (G-II) - MECH

Event Photos:



