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AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



**VINAYAKA MISSION'S  
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**DEPARTMENT OF MECHANICAL ENGINEERING &  
NATIONAL INSTITUTION FOR QUALITY AND RELIABILITY – STUDENT CHAPTER**

**Report – Webinar on “Industry 4.0”- 29<sup>th</sup> Sep 2021**

**Resource person: Mr. C.V.Gowrisankar,**  
National Secretary,  
National Institution For Quality And Reliability  
Chennai.

Department of Mechanical Engineering in association with National Institution for Quality and Reliability organised a Webinar on **“Industry 4.0”** on **29<sup>th</sup> Sep 2021**.

**The topics covered in Webinar**

- **What is Industry 4.0**
- **What is Industrial Revolution**
- **14.0 for whom**
- **Evolution of I 4.0**
- **Key Technologies of I 4.0**
- **What they are? - short coverage**
- **Applications with Examples**
- **Quality in I 4.0**

**Webinar Outcome**

- It provide the awareness of Industry 4.0 and revolutions in current scenario in industries
- Key techs in Industry 4.0 and adopt yourself by embracing the future
- Application of Industry 4.0
- Implementing Industry 4.0 and achieving Quality.
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The Webinar was coordinated by Mr.S.Kalyanakumar, Assistant professor Grade-II. Prof L.Prabhu VP (Admin) & HOD Mechanical Department has given the presidential address. The chief guest Introduction was given by Student Vysakh, Final Year Mechanical Engineering, and Department of Mechanical Engineering. Total number of 66 participants were around in the webinar and Vote of Thanks by Student Naveenkumar, Final Year Mechanical Engineering, Department of Mechanical Engineering.

Poster :



The Department of Mechanical Engineering in association with  
National Institution for Quality and Reliability (NIQR)



## “ WEBINAR ON INDUSTRY 4.0 ”

Date : 29.09.2021 Time : 10.30 am

Registration Link : <https://forms.gle/oMhifyFjeC2ndBGX7>

Name of the Resource person:

Mr. C.V. Gowri sankar  
National Secretary, NIQR



Dr. G. Selvakumar, Principal., AVIT  
Prof. L. Prabhu, Vice Principal (Admin.) - AVIT &  
HOD / Mech, President - IIC / AVIT

Event Coordinator:

Mr. S. Kalyanakumar, AP - Grade II - Mech



Zoom Meeting ID : 846 5227 2399 | Password : AVIT

For Admission Contact @ +91 87545 52018, +91 97894 81724, +91 87545 41024

Zoom Meeting

Participants (48)

Find a participant

KS KALYANAKUMAR S (Co-host, me)

SJ Senthil J (Host)

GS Gowri Sankar (Co-host)

Praveen R (Co-host)

VV Vyshakh V (Co-host)

TC Thiagarajan C

AN Afzal nawaz

Ajith kumar B

A Anandhan.R

AR Aravind ramesh

A ASHOKKUMAR S

AK ATHITHYA KUMAR TS

B Balaji. p

B bubeshkumarmech@gmail.com

Industry 4.0 program material - PowerPoint

FILE HOME INSERT DESIGN TRANSITIONS ANIMATIONS SLIDE SHOW REVIEW VIEW

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1 4.0 QUALITY FOR INDUSTRY 4.0

2

3

4

SLIDE 1 OF 130 ENGLISH (INDIA) 52%

USA 45 yrs

Zoom Meeting

You are viewing Gowri Sankar's screen

View Options

Dr M Thiru Chitr... Naveen kumar... Melvin Shaji 34...

KALYANAKUMAR S Gowri Sankar Dr M Thiru Chitramb... Naveen kumar.G 344... Melvin Shaji 3441953...

Recording...

इसरो ISRO

## We are Capable...it is proved!!!

### Missions to Mars

Comparative costs of travel to the Red Planet in recent years

NASA'S MAVEN	EUROPEAN SPACE AGENCY'S MARS EXPRESS ORBITER	JAPAN AEROSPACE EXPLORATION AGENCY'S NOZOMI	RUSSIAN FEDERAL SPACE AGENCY'S PHOBOS-GRUNT WITH CHINESE SATELLITE	INDIAN SPACE RESEARCH ORGANIZATION'S MANGALYAAN
<b>Launch date:</b> Nov. 18, 2013	June 2003	July 1998	Nov. 8, 2011	Nov. 5, 2013
<b>Arrival in Mars orbit:</b> Sept. 21, 2014	December 2003	Failed to enter Mars orbit on Dec. 9, 2003	Failed to leave Earth orbit	Sept. 24, 2014
<b>Cost of mission:</b> <b>\$671 million</b>	<b>\$386 million</b>	<b>\$189 million</b>	<b>\$117 million</b>	<b>\$74 million</b>

A rocket carrying India's Mangalyaan Mars orbiter takes off from the island of Sriharikota in the Bay of Bengal.

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