

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21ME83S13300623

To  
GADDEY VARSHINI  
FLAT E1, RR CONSTRUCTIONS  
NO.7 VPK STREET, PERUNGUDI  
CHENNAI  
TAMILNADU - 600096  
PH. NO :7893493103



| Score | Type of Certificate    |
|-------|------------------------|
| >=90  | Elite+Gold             |
| 75-89 | Elite+Silver           |
| >=60  | Elite                  |
| 40-59 | Successfully Completed |
| <40   | No Certificate         |

No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**GADDEY VARSHINI**

for successfully completing the course



## Product Design and Development

with a consolidated score of **87** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.17/25 | Proctored Exam | 63/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **660**

**Prof. V. C. Srivastava**  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jul-Aug 2021  
(4 week course)

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



33404 /TVS-TS/2021-22



# *Certificate*

*This is to certify that*

***Ms. Gaddey Varshini***

*has successfully completed 15 days of*

***Virtual Internship Program on Electric Vehicle***

*conducted by TVS Training and Services Ltd.,*

*from 26th July to 13th August 2021*

A handwritten signature in blue ink, appearing to read "Induvaran".

Authorized Signatory

**TVS Training and Services Limited**

Plot No.61, Reddy Street, Athipattu-Vanagram Main Road, Ambattur Industrial Estate, Chennai-600058.

Ph: +91 44 26136600. [www.tvsts.com](http://www.tvsts.com)



**MACBRO TECHNOLOGY INDIA PVT.LTD**

Design office: AKS TOWER, 2nd floor, No.5, somasundaram avenue,  
Shakthi nagar, porur, chennai-600116, Tamilnadu, India.



DATE: 12<sup>th</sup> AUG, 2021

PLACE: ERODE

**SUB: INTERNSHIP LETTER**

This is to certify that **Ms.GADDEY VARSHINI**, Intern Trainee, has undergone intensive Internship Training on Product development at MACBRO Technology (I) pvt.ltd, R&D-INDIA and successfully completed 3 days Full Time (From 27<sup>th</sup> JULY, 2021 to 29<sup>th</sup> JULY, 2021)

During his training, she was exposed to the various activities in “**Plastic Domain, product development in the Automotive Field**”.

During the period of his training program with us, we found her punctual, hardworking and inquisitive.

We wish her all the best in his future endeavors.

**For MACBRO TECHNOLOGY INDIA PVT.LTD**

For MACBRO TECHNOLOGY INDIA PRIVATE LIMITED

**AUTHORISED SIGNATORY**

Authorized Signatory,

Training Head.



# Enterprise Design Thinking Co-Creator

ISSUED TO

Varshini Gaddey



Issued on: 28 JUL 2021 | Issued by: IBM  
Verify: <https://www.credly.com/go/gpluF87r>



# Enterprise Design Thinking Practitioner

ISSUED TO

Varshini Gaddey



Issued on: 13 JUL 2021 | Issued by: IBM  
Verify: <https://www.credly.com/go/TxnJPUDA>



# Learner Achievement Verification

This is to certify that the management of Alison has decided to award Gaddey Varshini living in India the certificate of completion in Mechanical Engineering - Internal Combustion Engine Basics.

## Learner Details



Name: Gaddey Varshini

E-mail: gaddeyvarshini@gmail.com

Country: India



## Course and Result



Score  
95%

Study Time  
3:47:02

### Mechanical Engineering - Internal Combustion Engine Basics

Internal combustion (IC) engines are not only used in the automotive engineering and automobile engineering industries, they are used to rotate pumps, generator rotors, fans and many other machines.

## Modules Studied

Module 1: Internal Combustion Engine Basics

Module 2: Course assessment



**EASWARI ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
**RAMAPURAM, CHENNAI, 600089**



**DEPARTMENT OF AUTOMOBILE & MECHANICAL ENGINEERING**

## **CERTIFICATE OF PARTICIPATION**

This is to certify that  
**GADDEYVARSHINI**

has participated in the QUIZ COMPETITION organized by the Department of Automobile & Mechanical engineering in Association with SAE collegiate club of Easwari Engineering college on 26.06.2021

**DR.V. ANTONY AROUL RAJ**  
EVENT CONVENOR

**DR.S. SATHIYAMORTHY**  
HOD/AUTOMOBILE

**DR.M. VETRIVEL SEZHIAN**  
HOD/MECHANICAL

**DR.R.S. KUMAR**  
PRINCIPAL

*\*This is an electronically generated certificate*

# LOVELY FACULTY OF TECHNOLOGY AND SCIENCES

[Under the Aegis of Lovely Professional University, Jalandhar-Delhi G.T. Road, Phagwara (Punjab)]

Certificate No. 225072

## Certificate of Participation

This is to certify that Mr./Ms. Gaddey Varshini S/O,D/O,W/O Mr. Gaddey Sri Venkateswarlu  
student of Sathyabama University  
Registration No. 39150042 pursuing Mechanical Engineering  
participated in the AUTOTECHQuiz  
held on 26-06-2021 organized by Department of Automobile Engineering, School of Mechanical Engineering  
Lovely Professional University (Punjab).

Date of Issue : 28-06-2021  
Place of Issue: Phagwara (India)



Prepared by  
(Administrative Officer-Records)



Organizing Secretary



Head of School



# ARASU ENGINEERING COLLEGE

Approved by AICTE-Affiliated to Anna University - Accredited by NAAC - Accredited by NBA - Recognized by UGC Under 2(f)&12(B)

Chennai Main Road, Kumbakonam - 612 501, Tamil Nadu, India.

## CERTIFICATE OF PARTICIPATION

This is to certify that Gaddey Varshini has actively participated in the Webinar on "**Aerodynamics of Automobile**" organised by the Departments of Mechanical and Automobile Engineering, Arasu Engineering College, Kumbakonam on 01.06.2021 through online pedagogy.

**Dr. T. Balamurugan,**  
PRINCIPAL



# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)

Accredited with Grade "A" by NAAC | 12B Status by UGC | Approved by AICTE

## SCHOOL OF MECHANICAL ENGINEERING DEPARTMENT OF AUTOMOBILE ENGINEERING

*Proudly Organizes Webinar on*

**ADVANCED PRODUCT DESIGN & DEVELOPMENT OF AUTOMOTIVE TRIMS**

**28<sup>th</sup> JUNE 2021**

## PARTICIPATION CERTIFICATE

**GADDEY VARSHINI**

This is to certify that \_\_\_\_\_ of

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY**

has

participated in the webinar on **ADVANCED PRODUCT DESIGN & DEVELOPMENT OF**

**AUTOMOTIVE TRIMS** organized by the Department of Automobile Engineering,

Sathyabama Institute of Science and Technology, Chennai on 28<sup>th</sup> June 2021.

**NIVIN JOY**  
COORDINATOR

**Dr.V.K.BUPESH RAJA**  
HOD AUTOMOBILE & CONVENER

**Dr.S.PRAKASH**  
DEAN MECHANICAL



# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY  
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## SCHOOL OF MECHANICAL ENGINEERING DEPARTMENT OF MECHANICAL ENGINEERING

*Proudly Organizes*

### MECH 4.0 TECHNICAL WEBINAR SERIES

*on*

### LATEST TRENDS IN AUTOMOBILES

28<sup>th</sup> JUNE 2021

## PARTICIPATION CERTIFICATE

This is to certify that GADDEY VARSHINI of  
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY has

participated in the webinar on **LATEST TRENDS IN AUTOMOBILES** organized by the  
Department of Mechanical Engineering, Sathyabama Institute of Science and Technology,  
Chennai on 28<sup>th</sup> June 2021.

**NIVIN JOY**  
CONVENER

**Dr.S.P.VENKATESAN**  
CONVENER

**Dr.G.ARUNKUMAR**  
HOD MECHANICAL

# CERTIFICATE

## OF ACHIEVEMENT

THIS CERTIFICATE IS PROUDLY PRESENTED TO

**Gaddey Varshini**

For successfully participating in:

WEBINAR: **ADDITIVE MANUFACTURING FOR ENGINEERS**

BY: **DR. V DHINAKARAN**

DATE: **26 June 2021**

**A VINOOTH**  
FACULTY ADVISOR



# SATHYABAMA

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**SCHOOL OF MECHANICAL ENGINEERING**

**DEPARTMENT OF MECHANICAL ENGINEERING**

*Proudly Organizes*

**MECH 4.0 TECHNICAL WEBINAR SERIES**

**ON**

**ELECTRIC VEHICLE TRENDS AND OPPORTUNITIES**

12<sup>th</sup> JUNE 2021

## PARTICIPATION CERTIFICATE

This is to certify that GADDEY VARSHINI of

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY has

participated in the webinar on ELECTRIC VEHICLE TRENDS AND OPPORTUNITIES organized by the Department of Mechanical Engineering, Sathyabama Institute of Science and Technology, Chennai on 12<sup>th</sup> June 2021.

**Mr. NIVIN JOY**  
COORDINATOR

MECH 4.0 TECHNICAL WEBINAR SERIES

**Dr. G. ARUNKUMAR**  
HOD MECH & CONVENER

# CERTIFICATE

OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*GADDEY VARSHINI*

for successfully completing the two-day Lecture series on "Color theory  
and painting in Automotive industry" delivered by Mr. Kshitij Gupta  
held from 16th July 2021 to 17th July, 2021.

SRMIST

Mr. Vinoth .A

FACULTY ADVISOR



# ARASU ENGINEERING COLLEGE

Approved by AICTE-Affiliated to Anna University - Accredited by NAAC - Accredited by NBA - Recognized by UGC Under 2(f)&12(B)

Chennai Main Road, Kumbakonam - 612 501, Tamil Nadu, India.

## CERTIFICATE OF PARTICIPATION

This is to certify that **Caddey Varshini** has actively participated in the Webinar on **"Automotive Product Manufacturing Process & It's QMS Requirements"** organised by the Departments of Mechanical and Automobile Engineering, Arasu Engineering College, Kumbakonam on 06.06.2021 through online pedagogy.

**Dr. T. Balamurugan,**  
PRINCIPAL



**ST ALOYSIUS COLLEGE (AUTONOMOUS) MANGALURU-575003**

Re-accredited by NAAC with A Grade-CGPA 3.63

Recognised as Centre for Research Capacity Building under UGC-STRIDE

Recognised by UGC as "College with Potential for Excellence" College with "STAR STATUS" conferred by DBT, Government of India.

**CERTIFICATE OF PARTICIPATION**

This is to certify that

**Gaddey Varshini**

has attended Webinar titled “Beyond the Stars-journey of a Scientist” organized by the Department of Physics, St Aloysius College( Autonomous), Mangaluru on, 12 June 2021.

*Praveen Martis*

Rev. Dr Praveen Martis SJ

Principal

*Narayan Bhat*

Dr Narayan Bhat

Coordinator

*Aaron D'Lima*

Aaron D'Lima

Student Coordinator



# WOLLO UNIVERSITY

## KOMBOLCHA INSTITUTE OF TECHNOLOGY



UNIQUE CERTIFICATE CODE

AYYKEK-CE000055

PARTICIPANT EMAIL ID

GaddeyVarshini@gmail.com

### CERTIFICATE OF PARTICIPATION

**Gaddey Varshini**

**Sathyabama Institute of Science and Technology**

*has participated in the "INTERNATIONAL WEBINAR ON BASICS IN CYBER SECURITY", organized by Department of Mechanical Engineering, Wollo University – KIoT, Ethiopia.*

 **Dr. MELAKU TAMENE**  
Wollo University, Scientific Director of KIoT  
Rank of Vice President, Ethiopia



 **Dr. HABTAMU MOHAMMED**  
Wollo University, Deputy Scientific Director  
of KIoT, Ethiopia



 **Dr. ANTENEH MOHAMED**  
Dean - School of Mechanical and Chemical  
Engineering, Wollo University - KIoT, Ethiopia



 **Mr. JEMAL MOHAMMED YIMER**  
Head - Mechanical Department, Wollo University -  
KIoT, Ethiopia



 **Dr. S. PRABHAKAR**  
(Associate Professor)  
Mechanical Engineering (Automobile Stream)  
Wollo University - KIoT, Ethiopia



NO PART OF THIS E-CERTIFICATE CAN BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT THE PERMISSION OF THE SIGNATORIES



WOLLO UNIVERSITY

**DATE : 19/6/2021 (SATURDAY)**  
**ETHIOPIA INTERNATIONAL TIME : 9.00 AM - 10.00 AM**





# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY  
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## SCHOOL OF MECHANICAL ENGINEERING DEPARTMENT OF MECHATRONICS ENGINEERING

*Proudly Organizes Webinar on*

### **RIGHT TO INFORMATION ACT**

23<sup>rd</sup> JUNE 2021

## PARTICIPATION CERTIFICATE

This is to certify that GADDEY VARSHINI of  
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY has  
participated in the webinar on **RIGHT TO INFORMATION ACT** organized by the Department  
of Mechatronics Engineering, Sathyabama Institute of Science and Technology, Chennai on  
23<sup>rd</sup> June 2021.

**Dr.S.PRAKASH**

DEAN MECHANICAL & CONVENER