

ஸ்ரீ வீராகவ பெருமாள் துணை

Cell : 9840333761
9840585340

VIJAYALAKSHMI INDUSTRIES

(All kinds of Drilling & Tapping Works & Specialist in BANJO BOLTS)

No.17, Sivasakthi St, Saraswathi Nagar Extn., Thirumullaivoyal, Chennai - 62.

Date:.....

CERTIFICATE FOR INTERNSHIP

TO WHOMSEVER IT MAY CONCERN

This is to certify that Mr.Jayakumaran R of Sathyabama University, Chennai Branch:B.E(Mech), Batch:2019-23 has successfully completed 60 days paid internship with stipend Rs.8000 from (01/07/2021 to 30/08/2021) Internship program at VIJAYALAKSHMI INDUSTRIES (BANJO BOLTS SPECIALIST).

During the internship Mr.Jayakumaran R has closely worked on comparative study on Drilling, Counter boring, Reaming, Bur Cutting, Bench Grinding etc.

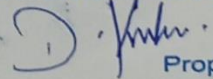
He now has good insights about the DRILLING operations and acquired knowledge about the need of industries.

We wish him all the best for his future.

VIJAYALAKSHMI INDUSTRIES

No.17, Sivasakthi Street,
Saraswathi Nagar Extn., Thirumullaivoyal,
Chennai - 600 062.

For VIJAYALAKSHMI INDUSTRIES


Proprietor

MODELLING SOFTWARE



i3 CADD Pvt.Ltd

New No.4, Old No.3/1, 1st floor
Jothi Ramalingam Street,
Near Avadi Bus Depot,
Avadi, Chennai -54
WWW.i3cadd.com



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Certificate Of Completion

AWARDED TO : **R.JAYAKUMARAN**

IN : Diploma course in Mechanical Cad

AT : i3 CADD, Avadi, Chennai

DURING : JANUARY-2021 To MARCH-2021

STUDENT ID NO : **i3A060121**

Director

M.RANJITH KUMAR

Instructor

30.04.2021

Date of Issue

STUDENT NAME :**R.JAYAKUMARAN**

SOFTWARE TAUGHT :**Creo Parametric 5.0,Catia.**

CERTIFIED IN :**Diploma Course in Mechanical CAD**

CREATION AND MODIFICATION OF 2D DRAWING

- Introduction to CAD
- Principle Views
- Methods of Projection
- Symbol of Projection
- Co-ordinate system
- Basic Construction Commands
- Basic Modifying Commands
- Creating Text and Tables

PRODUCTIVITY TOOLS

- Creating Layers
- Using Blocks
- Defining Attributes
- Using External References
- Concept Of Layouts & View Ports
- Drawing Isometric Views
- Dimensioning Isometric Views
- Parametric Sketching
- Grouping
- Hatching & Hatch Editing

WORKING WITH 3D MODELING

- Concept of 3D Modeling
- Standard Views & Visual Styles
- Basic Modeling Tools
- Advanced Modeling Tools
- Solid Editing Tools
- Surface Creation & Editing

SKETCHER MODE

- Sketching
- Editing
- Constraints
- Operations

ASSEMBLY MODE

- Add Component, Component Placements, Constraints
- Pattern Tool
- Component Operation
- Create Features, Views& Display Components

PART MODELING MODE

- Extrude, Revolve, Datum Features, Sweep
- Helical Sweep, Blend, Rotational Blend, Swept Blend
- Hole, Round, Chamfer, Shell, Rib, Draft
- Patterns, Toroidal Bend, Spinal Bend

DRAFTING MODE

- Inserting 3d models
- Inserting views
- Creating cross section view
- Modify the existing drawing views
- Applying dimensions

STUDENT ID NO : i3A060121



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MOOC PROGRAM

31845/TVS-TS/2020-21



Certificate

*This is to certify that **Mr. Jayakumaran R.**
of Sathyabama Institute Of Science And Technology
(Dept of Mechanical Engineering)
has Participated Online Certification Program on
Electric Vehicle
conducted by **TVS Training and Services Ltd.,**
from 12th October to 16th October 2020.*

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

Authorized Signatory

TVS Training & Services Limited,
No.61, Reddy Street, Athipattu, Ambattur Industrial Estate, Ambattur, Chennai - 600 058. www.tvsts.com

SKILL  LYNC

CERTIFICATE OF PARTICIPATION

JAYAKUMARAN R

for attending the workshop on

Introduction to CRASH ANALYSIS

10 May 2020 _____

Date:

SUDHAN _____

Course Instructor

SURYANARAYANAN _____

Program Director

Certificate UID : 8cvob70dge





SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

WWW.SATHYABAMA.AC.IN



SATHYABAMA STUDENT CHAPTER



IN ASSOCIATION WITH

The Institution of Engineers (India)



CERTIFICATE OF PARTICIPATION

This is to certify that Jayakumaran R
from Sathyabama Institute of Science and Technology
has participated in the live webinar on
“Industrial Automation”
held on 7th May 2020.

Organizer

Dr. U. ANITHA

MIE (Corporate Member)

Convener

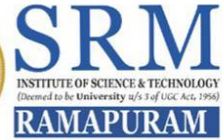
Dr. S. KARTHIKEYAN, FIE

Head, IEI coordinator

Dean Student Affairs

Dr. G. SUNDARI

Sathyabama Institute of Science
And Technology, Chennai



CERTIFICATE OF PARTICIPATION

This is to certify that

JAYAKUMARAN R

has participated for the Online Workshop on "Emerging Technologies in Data Science & Big Data", held during 26th & 27th May 2020, organized by Department of Computer Science and Engineering, SRM Institute of Science and Technology, Ramapuram Campus, Chennai-89

Dr. N. Kannan

HEAD OF THE DEPARTMENT

Dr. G. Selvakumar

DEAN E&T

SKILL LYNC

CERTIFICATE OF PARTICIPATION

JAYAKUMARAN R

for attending the bootcamp on

Fundamentals of Hybrid Electric Vehicle

12 May 2020

Date:

Certificate UID : I59qo12edg

SURYANARAYANAN P

Program Director





MOHAMED SATHAK ENGINEERING COLLEGE
KILAKARAI, RAMANATHAPURAM DIST.,-623806

Accredited by NAAC, Approved by AICTE, DGS, COA & Affiliated to
Anna University Chennai. An ISO 9001:2015 Certified Institution



CERTIFICATE

OF PARTICIPATION

This is to certify that

Jayakumaran R

at **Sathyabama Institute of science and technology**

has participated in the webinar on "SOLAR THERMAL TECHNOLOGIES"
Presented by Mr. T.Senthil Kumar, Project Engineer, National Institute
of Solar Energy, Ministry of New and Renewable Energy, Govt of India on 27.05.2020

HOD/MECH

PRINCIPAL/IC



SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

ACCREDITED BY NAAC & NBA | APPROVED BY AICTE

JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600119

www.sathyabama.ac.in



SCHOOL OF MECHANICAL ENGINEERING

Proudly Organizes

MECH 4.0 TECHNICAL WEBINAR SERIES

in association with



ASHOK LEYLAND

07th & 08th MAY 2020

PARTICIPATION CERTIFICATE

This is to certify that

Jayakumaran R

has participated in the **MECH 4.0**

TECHNICAL WEBINAR SERIES organized by the School of Mechanical Engineering, Sathyabama
Institute of Science & Technology, Chennai in association with Ashok Leyland on 7th and 8th May 2020.

NIVIN JOY
CONVENER

Dr. S. PRAKASH
DEAN MECHANICAL

DHAANISH AHMED COLLEGE OF ENGINEERING

Dhaanish Nagar, Padappai, Chennai-601301. www.dhaanish.in



NAAC
Accredited
Institution

Certificate OF PARTICIPATION

JAYAKUMARAN R

For attending the Webinar on **SERVICING AND MAINTENANCE OF HOME APPLIANCES
DURING THIS COVID-19 PANDEMIC**

Presented by **MR. P. PARTHASARATHY**, Manager-Training Division, Godrej & Boyce Mfg. Co. Ltd

HELD ON 3rd JUNE 2020

Organized by Dept of EEE, **DHAANISH AHMED COLLEGE OF ENGINEERING**



Mr. K. SAMPATH
Assistant Prof - EEE

Mrs. M. Shagarbanu
HOD - EEE

Dr. A. SARAVANAN
Dean

Dr. K. RAJA
Principal

Approved by AICTE, New Delhi - Affiliated to Anna University, Chennai



SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

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JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600119

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SCHOOL OF MECHANICAL ENGINEERING

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MECH 4.0 TECHNICAL WEBINAR SERIES

in

INDUSTRY 4.0 - TRANSFORMING INDUSTRIES

19th MAY 2020

PARTICIPATION CERTIFICATE

This is to certify that **JAYAKUMARAN R** has participated in the webinar

on **INDUSTRY 4.0 - TRANSFORMING INDUSTRIES** organized by the School of Mechanical Engineering,

Sathyabama Institute of Science and Technology, Chennai on 19th May 2020.

Dr. G. ARUNKUMAR
HOD MECH & CONVENER

Mr. NIVIN JOY
CONVENER

Dr. S. PRAKASH
DEAN MECHANICAL