AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

30/01/2023

Head - Mechanical Engineering

AMSCE/ME/VAC01/2022-2023

It is informed to all the students of Mechanical Engineering, it is proposed to conduct Value Added Courses on "ASSEMBLING AND DISMANTLING OF IC ENGINE (30 hours duration) offered in our campus THERMAL ENGINEERING LABORATORY that the course starts from 08.02.2022 to 27/02/2023. Detailed Schedule along with information for taking up this Industry based courses are shared before the commencement of the program. All the students of second year Mechanical Engineering are requested to follow the guidelines given to derive the maximum benefits from the resource person.

Note:

- *Minimum 80 % attendance mandatory to receive the certificates.
- *Assessment Test will be conducted at the end of session.

RESOURCE PERSON:

Mr. R. MANIKANDAN, Assistant Professor, Department of Mechanical Engineering

Aalim Muhammed Salegh College of Engineering.



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AALIM MUHABBED SALEGH
COLLEGE OF ENGINEERING
AVADI - IAF, BUTHAPUDUPF
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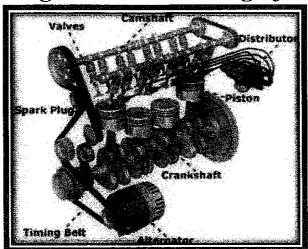


DEPARTMENT OF MECHANICAL ENGINEERING

Organise Value Added Course

on

"Assembling and Dismantling of IC Engine"



Course Details:

Resource Person:

Mr. R. Manikandan, Assistant Professor, Department of Mechanical Engineering.

Duration: 30Hrs

Course start: 08/02/2023

Time: 3:50pm to 6:00pm.

Venue: Thermal Engineering Laboratory, Mechanical/Civil Block.

Contact (resource person): +91-9094044612

Course Objectives:

- Develop Practical Skills: Equip students with hands-on experience and practical skills required for the proper assembly and dismantling of IC engines, including the use of specialized tools and equipment.
- Understand Engine Components and Functionality: Provide in-depth knowledge of the various components of an IC engine, their functions, and how they interact within the engine system. This includes understanding the mechanics, materials, and design considerations of each part.
- Promote Safety and Best Practices: Emphasize the importance of safety procedures and best practices during the assembly and
 dismantling process. This includes proper handling of components, recognizing potential hazards, and adhering to industry
 standards and guidelines.

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The Head of the Department Department of Mechanical Engineering, Aalim Muhammed Salegh college of Engineering, Muthapudupet, Avadi,I.A.F, Chennai- 600 055.

To

The Principal,
Aalim Muhammed Salegh college of Engineering
Muthapudupet, Avadi I.A.F.,
Chennai - 600 055.

Sub: Requisition for the Approval to conduct Value Added Course in Mechanical department - Regarding.

Respected Sir,

We would like to conduct a Value Added Course on the title "Assembling and Dismantling of IC Engine" for Second year mechanical students by the resource person, Mr. R. Manikandan, Assitant Professor, Aalim Muhammed Salegh College of Engineering, Chennai, who will be organizing the course. The scheduled date for the value added course is from 08/02/2023 to 27/02/2023. So we kindly request you to provide approval for the same.

Thanking you

Yours Faithfully

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DEPARTMENT OF MECHANICAL ENGINEERING

Value Added Course Details

Course Name: Assembling & Dismantling of IC Engine

Date: 08-02-2023 to 27-02-2023

Time: - 3.50 p.m to 6.00 p.m

Duratioin	Content	Total Hours
08.02.2023 to 13.02.23	Topic: 1 Introduction to IC Engines Introduction to consolidation processes Engine Components Working Principles	8
14-02-2023 to 17-02-2023	Topic: 2 Dismantling of IC Engines Handling of Tools Engine Classification Engine Nomenclature 2 stroke and 4 stroke engines S.I & C.I Engines	8
18-02-2023 to 22-02-2023	Topic: 3 Hands on Training on Engine Assembly and Dismantling 2 stroke Engine Tools Handling Port Timing Diagram Fuel Supply System Dismantling Assembling	8
23-02-2022 to 27-02-2023	Topic: 4 Hands on Training on Engine Assembly and Dismantling 4 stroke Engine Tools Handling Valve Timing Diagram Fuel Supply System Dismantling Assembling	8
CHCORE	Total Hours	30

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AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Approved by All India Council for Technical Education - New Delhi, Affiliated to Anna University, Chennai NAAC Accredited Institution "Nizara Educational Campus", Muthapudupet, Avadi - IAF, Chennai - 600 055.



ANNA UNIVERSITY COUNSELLING CODE: 1301

Value Added Course Tentative Time Table And Schedule

Value Added Course Name: Assembly and Dismantling of IC Engine

Date of Commencement: From 08/02/2023

Timing3.50 pm to 6.00 pm

Tentative Date of Exam- 27/02/2023

Tentative Course Schedule - 08/02/2023 to 27/02/2023 (As per following)

No. Of Days: 15 Course Hours: 30

Speaker: Er.R. Manikandan

1. Topic -1: Introduction to IC ebgine -08/02/2023 & 13/02/2023 - 8 hrs

2. Topic -2: Engine Disassembly and Inspection— 14/02/2023 & 17/02/2023— 8 Hours

3. Topic -3: Hands on training engine assembling and dismantling (Two stroke cycle engine) - 18/02/2023 & 22/02/2023 – 8 Hours

4. Topic -4: Hands on training engine assembling and dismantling (Four stroke cycle engine)– $\frac{23}{02}/\frac{2023}{2023}$ & $\frac{27}{02}/\frac{2023}{2023}$ – 6 Hours



Principal Aalim Muhammed Salegh College of Engineering Avadi - 1af, Muthapudupe

CHENNAL 600 055

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DEPARTMENT OF WECHANICAL ENGINEERING
COURSE ON "ASSEMBLINGF AND DISMANTLING OF AN IC ENGINE"

STUDENTS ATTENDANCE LIST



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DEPARTMENT OF MECHANICAL ENGINEERING
COURSE ON "ASSEMBLINGF AND DISMANTLING OF AN IC ENGINE"

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STUDENTS ATTENDANCE LIST COURSE INSTRUCTOR: MR. L. MANA KRNGAN

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COLLEGE OF ENGINEERING

AALIM MUHAMMED SALEGH



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"Wize's Educational Campus", Multispunduret, by all . W. Chennal - by 1921.



CERTIFICATE

This is to certify that MR. KA

MR. KARTHIKEYAN B

of Falim Muhammed Salegh Tollege of Engineering has participated and successfully

completed a value added course on ASSEMBLING AND DISMANTELING OF AN I.C

conducted by Department of Mechanical Engineering during 08.02.2023 To 27.02.2023 (30 Hrs.)

Society States

Mr. P. Muniraja Chandra

Assistant Professor

S. Samurallille

Dr. S. Ramkumar

Associate Professor

Dr. S. Sathish

Principal

Professor

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