



**Bharath**  
INSTITUTE OF HIGHER EDUCATION AND RESEARCH  
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

Date: 02.06.2021

**Department of Automobile Engineering**  
**Circular**

The of Department of Automobile Engineering, BIHER glad to conduct on six days value added program on "**Course on Engine Overhauling**" from 13.06.2021 for 30 hours. Those who are interested to participate do register your name to the program coordinator.

**Resource persons:**

**Dr.P.Naveenchandran**

Prof. & Head

Dept. of Auto. Engg.

BIHER

**Mr.C.Thamotharan**

Associate Professor,

Dept. of Auto. Engg.

BIHER

  
**Program Coordinator:**

Mr. E. Raja

Asst. Professor

[rajaneerospaces@gmail.com](mailto:rajaneerospaces@gmail.com)

  
(HOD-Auto)



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## **Department of Automobile Engineering**

### **(Online) Course on “Engine Overhauling”**

#### **OBJECTIVES:**

- To enable student to understand the method of removal of Cylinder Head and Piston Connecting Rod Assembly
- To study the procedure of Cleaning and Overhauling Of Cylinder Head and Piston Connecting Rod Assembly
- To make students familiar with the Calibration of Cylinder Liner, Piston, Piston Rings, Ovality Check of Connecting Rod etc.,
- To study the procedure of Overhauling of Fuel Injection Pump, Attached JCW Pump
- To enable student to Assemble Cylinder Head, Piston Connecting Rod Etc.,

#### **[DAY: 1]**

**MODULE 1 Method of removal of Cylinder Head and Piston Connecting Rod Assembly (5 Hrs)**

#### **[DAY: 2]**

**MODULE 2 Cleaning and Overhauling Of Cylinder Head and Piston Connecting Rod Assembly (5 Hrs)**

#### **[DAY: 3]**

**MODULE 3 Calibration of Cylinder Liner, Piston, Piston Rings, Ovality Check of Connecting Rod etc., (5 Hrs)**

#### **[DAY: 4]**

**MODULE 4 Overhauling of Fuel Injection Pump, Attached JCW Pump (5 Hrs)**

#### **[DAY: 5]**

**MODULE 5: Assembly of Cylinder Head, Piston Connecting Rod Etc., (5 Hrs)**

#### **[DAY: 6]**

**MODULE 6: Practical Session on Engine Overhauling (5 Hrs)**



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**Department of Automobile Engineering**  
**Value Added Course – Engine Overhauling**  
**(13.06.2021 to 18.06.2021)**

**PARTICIPANTS LIST**

S.NO	REG.NO	NAME	DEPARTMENT
1	U15AM002	ABISHEK RAJAGOPAL	Automobile
2	U15AM006	GIRIDAAR A	Automobile
3	U15AM010	HASHIM JAWAD MELEDATH	Automobile
4	U15AM013	MARIA SUBITCHAM VINITH N	Automobile
5	U15AM015	MOHAMED ASHIF M	Automobile
6	U15AM016	MOHAMMED VASIM A	Automobile
7	U15AM027	SRIHARI K	Automobile
8	U15AM028	TARIGOPPALA NITHIN KUMAR	Automobile
9	U15AM029	VIGNESH A	Automobile
10	U15AM030	VISHANTH K	Automobile
11	U15AM034	DERIN M	Automobile
12	U15AM036	RUPESH RANA	Automobile
13	U15AM703	K.L.V. KOTESHWAR RAO	Automobile
14	U15AM704	INNAMURI SHANMUKA KIRAN	Automobile
15	U15AM705	REMILAN SUCHIANG	Automobile



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6	U15AM016	MOHAMMED VASIM A	Automobile
7	U15AM027	SRIHARI K	Automobile
8	U15AM028	TARIGOPPALA NITHIN KUMAR	Automobile
9	U15AM029	VIGNESH A	Automobile
10	U15AM030	VISHANTH K	Automobile
11	U15AM034	DERIN M	Automobile
12	U15AM036	RUPESH RANA	Automobile
13	U15AM703	K.L.V. KOTESHWAR RAO	Automobile
14	U15AM704	INNAMURI SHANMUKA KIRAN	Automobile
15	U15AM705	REMILAN SUCHIANG	Automobile



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**PARTICIPANTS LIST**

S.NO	REG.NO	NAME	DEPARTMENT
16	U15ME015	ALTAF HUSAIN	Mechanical
17	U15ME022	ARIVARASU J	Mechanical
18	U15ME027	ASHISH PATEL	Mechanical
19	U15ME044	BODDA DINESH	Mechanical
20	U15ME088	JOHNSON J	Mechanical
21	U15ME095	KARRI YASWANTH SRINIVAS	Mechanical
22	U15ME114	LALASRAFI JEETHENDRA	Mechanical
23	U15ME156	NARAYANAN M	Mechanical
24	U15ME175	POTNURU SATISH	Mechanical
25	U15ME231	SHANKAR A	Mechanical
26	U15ME247	SURYA S	Mechanical
27	U15ME264	VIMAL KUMAR J.V	Mechanical
28	U15ME701	GILL JEFRIN J	Mechanical
29	U15ME714	IENGSKHAN KUPAR DKHAR	Mechanical



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**Value Added Course – Engine Overhauling  
(13.06.2021 to 18.06.2021)**

### **PARTICIPANTS LIST**

S.NO	REG.NO	NAME	DEPARTMENT
30	U15MT001	AJITH S	Mechatronics
31	U15MT004	INAYATHULLA A	Mechatronics
32	U15MT008	OVIAN NICHOLAS	Mechatronics
33	U15MT010	TADIKONDA SAI TEJA	Mechatronics
34	U15MT012	MOHAMMED MOIDEEN RIYAZ M	Mechatronics
35	U15MT702	NEELAM SRIKANTH	Mechatronics
36	U15MT704	HARI PRASATH V K	Mechatronics



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**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY**

No.173, Agharam Road, Selalyur, Chennai - 600 073.

*Department of Automobile Engineering*

## **Participation Certificate**

*This is to certify that*

**SRIHARI K (U15AM027)**

*has attended the value added program on "Engine Overhauling" organized by Department of Automobile Engineering, Bharath Institute of Higher Education and Research, Chennai, on 13-06-2021 to 18-06-2021*

**Mr. E. Raja**  
Co-ordinator

**Dr. P. Naveenchandran**  
Prof. & Head



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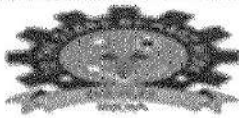
***BODDA DINESH (U15ME044)***

*has attended the value added program on "Engine Overhauling" organized by Department of Automobile Engineering, Bharath Institute of Higher Education and Research, Chennai, on 13-06-2021 to 18-06-2021*

**Mr. E. Raja**  
Co-ordinator

**Dr. P. Naveenchandran**  
Prof. & Head





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*Department of Automobile Engineering*

## **Participation Certificate**

*This is to certify that*

*OVIAN NICHOLAS (U15MT008)*

*has attended the value added program on "Engine Overhauling" organized by Department of Automobile Engineering, Bharath Institute of Higher Education and Research, Chennai, on 13-06-2021 to 18-06-2021*

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Co-ordinator

**Dr. P. Naveenchandran**  
Prof. & Head



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**Bharath Institute of Higher Education and Research, Chennai-600073**

## STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

School : School of Mechanical Engineering  
Department : Automobile Engineering  
Name /code of the value added course offered: Engine Overhauling  
Semester :  
Register Number : U15AM006  
Staff Coordinator : Mr. E. RAJA  
Staff Handling : Dr. P. NAVEEN CHANDRAN, Mr. C. THAMOTHARAN

## STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S.No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development		✓			
3	Motivation	✓				
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus		✓			
6	Interaction	✓				
7	Individual attention		✓			
8	Outcome		✓			
9	Other suggestions					



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## STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

School : MECHANICAL  
Department : MECHANICAL

Name /code of the value added course offered: Engine Overhaulng  
Semester :

Register Number : U15ME088

Staff Coordinator : MV-E.Roja

Staff Handling : Dr. P. Naveen chandran & Mr. C. Themotharan

## STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S.No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation		✓			
4	Regularity and punctuality of teacher		✓			
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention		✓			
8	Outcome		✓			
9	Other suggestions	✓	✓		✓	✓



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## STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

School : Mechanical Engg  
Department : Mechanics

Name /code of the value added course offered: Course on Engine over hauling  
Semester :

Register Number : U15MT008

Staff Coordinator : E. Raja

Staff Handling : Dr. P. Naveen chandran, C. Dharamdaran.

## STUDENT FEEDBACK

Dear Student,

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6	Interaction			✓		
7	Individual attention		✓			
8	Outcome	✓				
9	Other suggestions	_____	_____	_____	_____	_____