



Bharath

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

Requisition Letter

Date: 22.01.2019

From

The Head of the Department,
Department of Automobile Engineering,
Bharath Institute of Higher Education and Research,
Selaiyur, Chennai - 73

To


The Dean Engineering,
Bharath Institute of Higher Education and Research,
Selaiyur, Chennai - 73

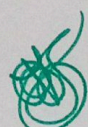
Respected Sir,

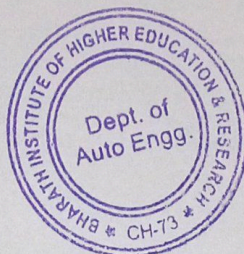
Sub: Requisition for conducting Value added course – reg.

School of Mechanical Engineering has planned to conduct Value added course on “Workshop in Diesel Pump Systems” on 18/02/2019. In this regard we kindly request you to grant permission for the same.

Thanking You


HOD/AUTO


Dean Engineering





Sharath

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Department of Automobile Engineering

Date: 04.02.2019

Circular

The of Department of Automobile Engineering, BIHER glad to conduct on five days value added program on "*Workshop in Diesel Pump Systems*" from 18.02.2019 for 30 hours. Those who are interested to participate do register your name to the program coordinator.

All reregistered students must attend all the classes without fail. The students who are completed the course successfully with good score will get the course completion certificate from the Institute/Department.

Resource person: Mr. D. Mohan Kumar and Dr. M. Senthil Kumar

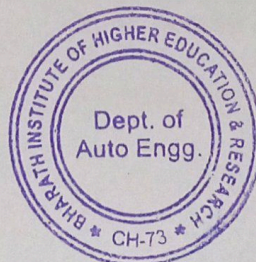
Maximum no. of registration allowed – 60.

***First come first serve basis.**

Program coordinator

Mr. E. Raja

Mr. C. Jagadeesh Vikram





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Department of Automobile Engineering

Five days Value added Program on “Workshop in Diesel Pump Systems” from 18th Feb to 22nd Feb 2019

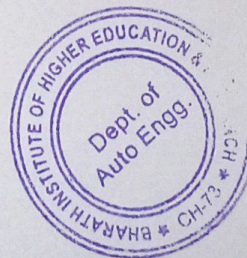
| Date | Morning Session (9 AM to 12 PM) | Afternoon Session (1.30 PM to 3.30 PM) |
|---------------------------|--|--|
| 18.02.2019 (Monday) | Mr.D. Mohan Kumar Fundamental Study: Identify the basic principles of diesel engines and diesel fuel injection, | Dr. M. Senthil Kumar Distinguish the main properties of diesel and diesel alternative fuels, Compare and evaluate various diesel engine application |
| 19.02.2019 (Tuesday) | Dr. M. Senthil Kumar Common Rail System: Describe the main systems and sub-systems of common rail diesel fuel injection and how these systems interact, Identify the main design features of the common rail components | Mr.D. Mohan Kumar Basic Principles of Diesel Fuel Engines & Injection, Diesel and Alternative Fuels, Applications -- Passenger car; Light-duty; Heavy-duty; Off-highway; Pressure history, Common Rail System Overview |
| 20.02.2019 (Wednesday) | Mr.D. Mohan Kumar Diesel pump systems: Low-pressure system, High-pressure system, Controls | Dr. M. Senthil Kumar Hydraulic Components, Pumps -- Radial piston; Inline piston, Rails, Injectors -- Solenoid; Piezo, Nozzles |
| 21.02.2019 (Thursday) | Mr.D. Mohan Kumar Valves and actuators: Control valves -- Pressure control valve; Metering unit; Pressure relief valve | Dr. M. Senthil Kumar High-pressure lines, Controls, Overview, Requirements, Functions |
| 22.02.2019 (Friday) | Mr.D. Mohan Kumar Components, ECU, Sensors | Dr. M. Senthil Kumar Actuators, Diesel Engine Overview |

Program Coordinator:

Mr. E. Raja

Mr.C. Jagadeesh Vikram,

E-Mail: raja.auto@bharathuniv.ac.in





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ACCREDITED WITH 'A' GRADE BY NAAC



BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY
SCHOOL OF MECHANICAL ENGINEERING
DEPARTMENT OF AUTOMOBILE ENGINEERING
CONDUCTING VALUE ADDED COURSE ON

WORKSHOP IN DIESEL PUMP SYSTEMS

Date

18.02.2019

Resource Person

**Dr. M. Senthil Kumar
&
Mr. D. Mohan Kumar**

Program Coordinator
Mr. E. Raja, AP / Automobile
Mr. C. Jagadeesh Vikram, AP / Automobile



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FEEDBACK FORM

- ❖ As part of a continuing improvement process, our college appreciates suggestions and inputs regarding the institution. We request you to sincerely answer these questions under assurance of complete confidentiality. Your interest in making our institution better is greatly appreciated.

Name of Department : Mechatronics

Date : 18/02/2019

Event / Speaker Name : Workshop in Diesel pump system

- Please rate the session on the scale indicated. Your comments are most appreciated.

| S.NO | Parameters | Below Average | Average | Good | Excellent | Outstanding |
|------|--|-------------------------------------|---------|-------------------------------------|-----------|-------------------------------------|
| 1. | The Topic | | | | | <input checked="" type="checkbox"/> |
| | The choice of topic was relevant to me | | | | | <input checked="" type="checkbox"/> |
| 2. | The Lecturer / Speaker | | | | | |
| | Self-confidence | | | <input checked="" type="checkbox"/> | | |
| | Communication skills | | | <input checked="" type="checkbox"/> | | |
| | Doubts/ queries were answered satisfactorily | <input checked="" type="checkbox"/> | | | | |
| 3. | The Content (Topic) | | | | | |
| | Refers to latest developments in the field | <input checked="" type="checkbox"/> | | | | |
| | Career oriented | | | <input checked="" type="checkbox"/> | | |
| | Innovative learning, if any | | | | | <input checked="" type="checkbox"/> |

- Overall, how would you rate this Guest Lecture / Workshop / Seminar / Event/Value added course?

| 1. Below Average | 2. Average | 3. Good | 4. Excellent | 5. Outstanding |
|------------------|------------|---------|-------------------------------------|----------------|
| | | | <input checked="" type="checkbox"/> | |

- Comments (If any):

good teaching



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FEEDBACK FORM

- ❖ As part of a continuing improvement process, our college appreciates suggestions and inputs regarding the institution. We request you to sincerely answer these questions under assurance of complete confidentiality. Your interest in making our institution better is greatly appreciated.

Name of Department : Automobile Engineering

Date : 18/09/2019

Event / Speaker Name : Workshop in Diesel Pump systems

- Please rate the session on the scale indicated. Your comments are most appreciated.

| S.NO | Parameters | Below Average | Average | Good | Excellent | Outstanding |
|------|--|---------------|---------|------|-----------|-------------|
| 1. | The Topic | | | | | |
| | The choice of topic was relevant to me | | ✓ | | | |
| 2. | The Lecturer / Speaker | | | | | |
| | Self-confidence | | | | ✓ | |
| | Communication skills | | | ✓ | | |
| | Doubts/ queries were answered satisfactorily | | | | | ✓ |
| 3. | The Content (Topic) | | | | | |
| | Refers to latest developments in the field | ✓ | | | | |
| | Career oriented | | | ✓ | | |
| | Innovative learning, if any | | ✓ | | | |

- Overall, how would you rate this Guest Lecture / Workshop / Seminar / Event/Value added course?

| 1. Below Average | 2. Average | 3. Good | 4. Excellent | 5. Outstanding |
|------------------|------------|---------|--------------|----------------|
| | ✓ | | | |

- Comments (If any):

.....
 learned many things in Automobile




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Workshop

PARTICIPATION CERTIFICATE


This is certified that Mr./~~Ms.~~ **SAMPADA RAO AVINASH** has attended the Certificate course on **Workshop in Diesel Pump Systems** programme organized by Department of Automobile Engineering, Bharath Institute of Higher Education and Research, Chennai on 18-02-19



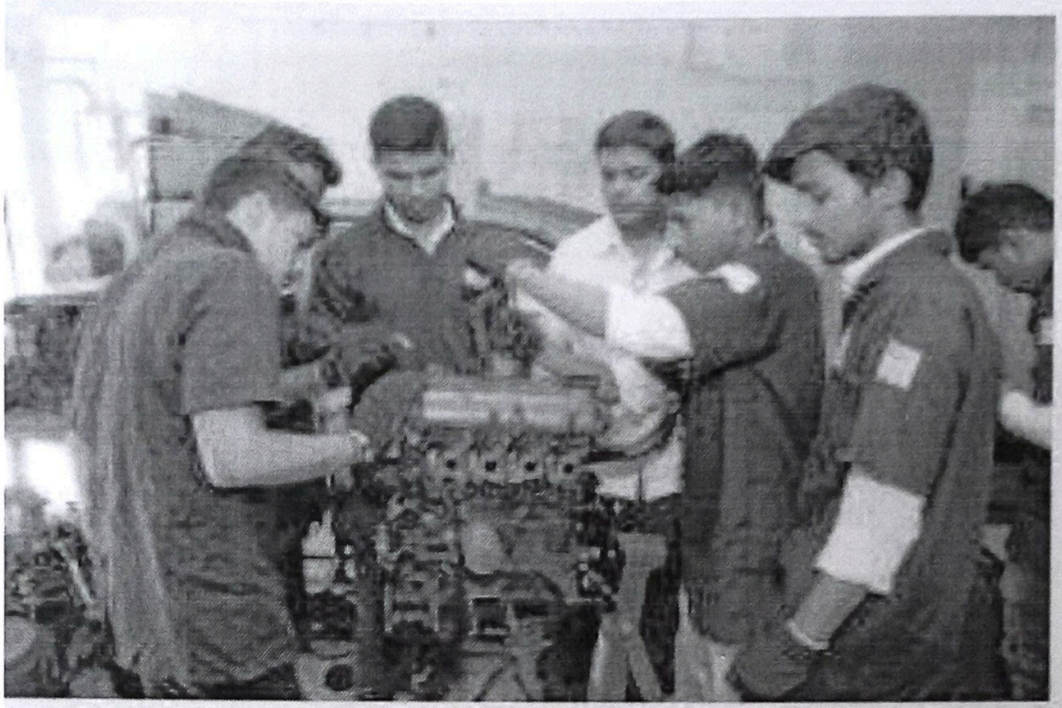
Co-ordinator

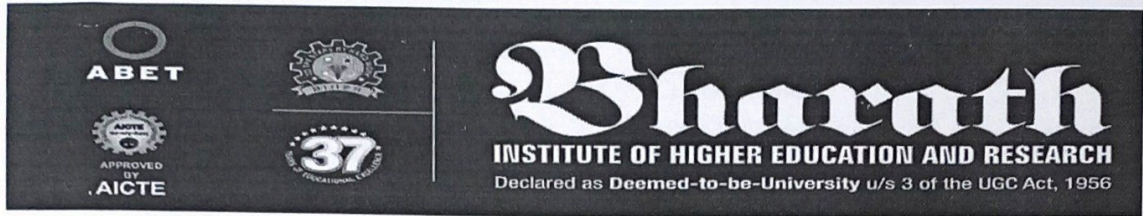


HOD



**Dean
Mechanical Engineering**





DEPARTMENT OF AUTOMOBILE ENGINEERING

STUDENTS NAME LIST

COURSE: Workshop in Diesel Pump Systems

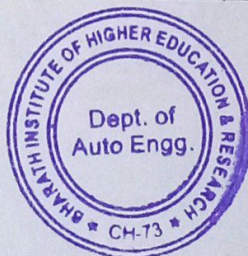
DATE: 18.02.2019

ACADEMIC YEAR: 2018-2019

| S.No | REG.NO | STUDENT NAME | DEPARTMENT | SIGNATURE |
|------|----------|---------------------|------------|-----------------------|
| 1 | U17AM002 | PRAVEEN KUMAR G | AUTOMOBILE | <i>Praveen</i> |
| 2 | U17AM003 | ALIHUSSAIN MURTAZA | AUTOMOBILE | <i>Ali Hussain</i> |
| 3 | U17AM004 | NAVEEN KUMAR U | AUTOMOBILE | <i>Naveen</i> |
| 4 | U17AM005 | SUNDERJI G | AUTOMOBILE | <i>Sunderji</i> |
| 5 | U17AM006 | RANJITH R | AUTOMOBILE | <i>Ranjith</i> |
| 6 | U17AM007 | YOGESHWARAN K | AUTOMOBILE | <i>Yogeshwaran</i> |
| 7 | U17AM009 | KARTHICK Y | AUTOMOBILE | <i>Karthick</i> |
| 8 | U17AM011 | GUTTULA DEEPAK | AUTOMOBILE | <i>Guttula Deepak</i> |
| 9 | U16AM001 | RAMACHANDRAN M | AUTOMOBILE | <i>Ramachandran</i> |
| 10 | U16AM002 | LIBIN BOBBY | AUTOMOBILE | <i>Libin Bobby</i> |
| 11 | U16AM004 | NANDA KUMAR K | AUTOMOBILE | <i>Nanda</i> |
| 12 | U16AM005 | VASANTHKUMAR R | AUTOMOBILE | <i>Vasanth Kumar</i> |
| 13 | U16AM006 | KARANPRAKASH R | AUTOMOBILE | <i>Karan</i> |
| 14 | U15AM025 | SAMPADA RAO AVINASH | AUTOMOBILE | <i>Sampada Rao</i> |
| 15 | U15AM026 | SATHISHKUMAR A | AUTOMOBILE | <i>Sathish Kumar</i> |
| 16 | U15AM027 | SRIHARI K | AUTOMOBILE | <i>Srihar</i> |



| | | | | |
|----|----------|----------------------------|--------------|------------|
| 17 | U15AM028 | TARIGOPPALA NITHIN KUMAR | AUTOMOBILE | Ravi Kumar |
| 18 | U15MT501 | NAREN KUMAR | MECHATRONICS | Naren |
| 19 | U15MT503 | MUGHIL VERMA | MECHATRONICS | Mughil |
| 20 | U15MT702 | NEELAM SRIKANTH | MECHATRONICS | Neelam |
| 21 | U15MT703 | MOHANAKUMARESAN B | MECHATRONICS | Mohan |
| 22 | U15MT704 | HARI PRASATH V K | MECHATRONICS | Hari |
| 23 | U16MT015 | SOMENDRAN A | MECHATRONICS | Somendran |
| 24 | U16MT017 | Y MOHAMMED SHAHID SHARIFF | MECHATRONICS | Y. Moham |
| 25 | U16MT018 | RATHISH KRISHNAN R | MECHATRONICS | Rathish |
| 26 | U16MT501 | MUGILAN M | MECHATRONICS | Mugilan |
| 27 | U17MT504 | ARAVIND K | MECHATRONICS | Aravind |
| 28 | U17MT701 | KEERTHIVASAN G | MECHATRONICS | Keerthi |
| 29 | U17MT703 | KOLLATI NAGA SIVA . | MECHATRONICS | Kollati |
| 30 | U15ME182 | PRINCE KUMAR | MECHANICAL | Prince |
| 31 | U15ME184 | PUTTANA NAVEEN KUMAR REDDY | MECHANICAL | Puttana |
| 32 | U15ME186 | PUTTURU | MECHANICAL | Puttur |
| 33 | U15ME187 | ANANTH KUMAR | MECHANICAL | Ananth |
| 34 | U15ME188 | PONMOORTHY | MECHANICAL | Ponmoor |
| 35 | U15ME189 | GILL JEFERIN | MECHANICAL | Gill |
| 36 | U15ME701 | SARAVANAN | MECHANICAL | Saravan |
| 37 | U15ME702 | SATHISH | MECHANICAL | Sathish |
| 38 | U15ME703 | ARUNKUMAR | MECHANICAL | Arunkum |
| 39 | U15ME704 | DIVINO | MECHANICAL | Divino |
| 40 | U16ME106 | RAJEEV KUMAR | MECHANICAL | Rajeev |



| | | | | |
|----|----------|------------------------------|------------|------------------------------|
| 41 | U16ME107 | MANOJ | MECHANICAL | -AB- |
| 42 | U16ME113 | PYNKHLAINBORLANG | MECHANICAL | Pynkhlainborlang |
| 43 | U16ME115 | GUNA | MECHANICAL | Guna |
| 44 | U16ME119 | PALAPALA | MECHANICAL | -AB- |
| 45 | U17ME054 | BALAGA | MECHANICAL | Balaga |
| 46 | U17ME055 | GUDUGUNTLA SRAVAN KUMAR | MECHANICAL | Guduguntla Sraavan Kumar |
| 47 | U17ME079 | JADDU SIVA RAMA KRISHNA | MECHANICAL | -AB- |
| 48 | U17ME080 | ANGADALA PAVAN KALYAN | MECHANICAL | Angadala Kalyan |
| 49 | U17ME094 | KARRI GOWTHAM MALLA REDDY | MECHANICAL | Karri Gowtham Malla Reddy |
| 50 | U17ME095 | SARAKANA UDAY KUMAR | MECHANICAL | -AB- |
| 51 | U17ME111 | SERU SAI RAM REDDY | MECHANICAL | Seru Sai Ram Reddy |
| 52 | U17ME124 | BALAGA | MECHANICAL | Balaga |

No of Students Registered: 52

No of Students present: 48

