

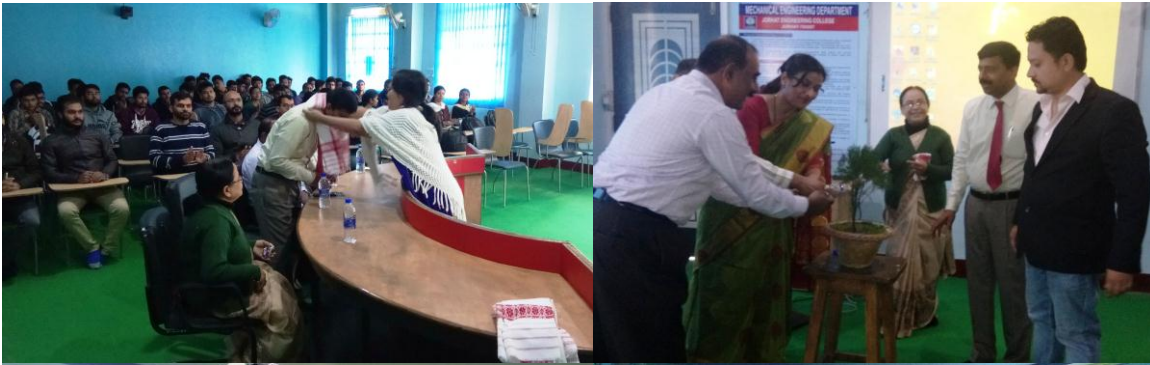
FORM 6: Co-ORDINATOR(s) FINAL REPORT ON TEQIP EVENT


1. Title of Event: “**HANDS ON TRAINING ON OVERHAULING OF ENGINES, TURBO CHARGERS AND COMPRESSORS**”
2. Conducting Department / Centre: Mechanical Engineering, JEC
3. Dates: 25/02/2019 to 27/02/2019
4. Venue: Seminar Hall, Mechanical Engineering Department, JEC.
5. Coordinator (s) : 1) Dr Rupanjali Nath
2) Mr Debarupam Gogoi
6. Participants: 92
7. Applications received Nos: 92 Offered Nos: 92 Number Participated: 92
8. Focus of the TEQIP Event (Brief Purpose /Theme etc):

The work shop is aimed to impart hands on training on the maintenance and repair of various systems used in Automotive Vehicles. The sessions are intended to have both theory and practice. Theory sessions speak about the manufacturing and functions of the different parts used in the engine, compressor, air conditioner and turbocharger. The practical sessions include dismantle and assemble of engines, compressors, air conditioners and turbochargers components. Students are allowed to participate in the sessions to have first-hand experience. Further, the complete knowledge and usage of hand and power tools, used in modern workshop is also covered in this workshop.

Participants' Feed Back statistics No.: 68

9. Gallery: Pictures/Photos/ Poster/Brochure/Announcement/ Screen capture of Website / CD/DVD





TEGIP-III SPONSORED

Three day Workshop

on

HANDS ON TRAINING ON OVERHAULING OF ENGINES, TURBO CHARGERS AND COMPRESSORS


(under Twinning Program)

date: 25th to 27th February, 2019
Venue: Jorhat Engineering College, Jorhat (Assam)

Organised by ::

DEPARTMENT OF AUTOMOBILE ENGINEERING
Mahad College of Engineering,
Hassan, Karnataka.

DEPARTMENT OF MECHANICAL ENGINEERING
Jorhat Engineering College, Jorhat



ABOUT THE WORKSHOP



It is important to have a sound knowledge of theory that underlies any profession or industry. But, there are some skills that can only be learned through hands-on practices. Therefore, it is felt that it is the need of the hour for our students to apply their knowledge and skills in a practice-based, make-it tasks. To cover these aspects this workshop is designed.

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ORGANIZING COMMITTEE

Dr. Ashok Kumar Mahanta
Chairman, MTEC * Hassan
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Dr. Thejaswini Nair
Associate Professor
TEGP COORDINATOR:
Dr. D. Mahalingam
Associate Professor & TEGP Coordinator, JEC
Dr. N. S. Jayash
COORDINATORS:
Dr. V. M. Shashidhara
Professor and Head,
Dept. of Automobile Engineering
Dr. Ramesh Suresh
Associate Professor
Dept. of Mechanical Engineering
Mr. Dhananjay Gogoi
Assistant Professor,
Dept. of Mechanical Engineering
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TEGP II Sponsord
HANDS ON TRAINING ON OVERHAULING OF ENGINES, TURBO CHARGERS AND COMPRESSORS
25th to 27th February, 2019

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Jorhat Engineering College, Jorhat
(under Twinning Program)

Total participants are limited to 60 only.
Registration confirmation is based on FCPS.

10. Presentations, Lectures: Program Schedule

| Day/Date | 9:00-11:00 | 11.00 to 11.15 | 11:15-1:15 | 1.15 to 2.00 | 2:00-3:30 | 3.30 to 3.45 | 3:45-5:30 |
|------------|---|----------------|--|--------------|---|--------------|---|
| 25.02.2019 | Basics of IC engines Dr. Y. M. Shashidhara | Tea Break | Basics of vehicle Transmission System Dr. R. M. Kanasogi | Lunch break | Hands on training on 2 – stroke and 4 –stroke engines dismantling and assembly. Vijay Kumar Bambri | Tea Break | Hands on training on differential unit dismantling and assembly Vijay Kumar Bambri |
| 26.02.2019 | Manufacturing aspects of IC engine and its parts. Dr. R. M. Kanasogi | | Overview of Automotive Electrical and Electronic systems Dr. A. N. Basavaraju | | Hands on training on different compressors dismantling and assembly. Vijay Kumar Bambri | | Hands on training on servicing exhaust system of a vehicle Vijay Kumar Bambri |
| 27.02.2019 | Principles of turbo-chargers and supercharges Dr. R. M. Kanasogi | | Basics of RAC, Compressors Dr. A. N. Basavaraju | | Hands on training on different gauges and its usages. Lathe and its Operations Vijay Kumar Bambri | | Usages of hand and power tools and hands on training. Vijay Kumar Bambri |

Coordinator(s)' Feedback / Suggestions/on Event:

Jorhat Engineering college, Jorhat, Assam and Malnad College of Engineering of Hassan, Karnataka has conducted a TEQIP – III Sponsored Three day Twinning Workshop on “HANDS ON TRAINING ON OVERHAULING OF ENGINES TURBO CHARGERS AND COMPRESSORS “at JEC premises in Jorhat from 25- 27th February 2019. Er. Vijay Kumar Bhambri an industrial engineer from Nagpur, Maharashtra State assisted the workshop. This workshop was attended by about 92 students from Mechanical Engineering department of Jorhat Engineering College.

The workshop was inaugurated by the Dr Reeta Sarmah Principal JEC, Jorhat. In her presidential address, she expressed that this kind of Programme help the students to improve their technical skill and enhance their confidence to face the competition in engineering field.

The experts Dr. A.M Basavaraju, Dr. R.M Kanasogi have trained the students from manufacturing aspects of Engine, Compressors, AC and turbocharger. The program is coordinated by Dr. Rupanjali Nath, Mr. Debarupam Gogoi of JEC, Jorhat, Assam and Dr. Y.M Shashidhara of MCE, Hassan, Karnataka.

The said three-day workshop was found to be satisfactory and enthusiastic for the students of 6th semester. I thank the dignified resource person Dr. Y. M. Shashidhara, HOD, Dept. of Automobile Eng. and the entire team, Principal of JEC for being patron of this course, HOD of Mechanical engineering for permitting to use the seminar hall and forming the organizing committee and the TEQIP coordinator for his legal instructions. Looking forward for more such events to organize in future with help from authority.

Thanking you,
Mr Debarupam Gogoi,
Dr Rupanjali Nath

Signature of Coordinator(s)

Comment by TEQIP Coordinator (Academic):

Signature of Coordinator (Academic)