



**AUTOMOBILE
ENGG.
DEPARTMENT**

**CO-CURRICULAR
ACTIVITIES**

2019-2020



A report on Expert talks on “Case study on Survey report & Vehicle insurance”.

Date: 10/02/2020. **Time:** 11:00 am to 01:30 pm. **Day:** Monday

Expert: Mr. Bhavesh Pandav (Surveyor & Loss Assessor)

Faculty Co-ordinator: Ms. S. S. Maitra (LAE)

Beneficiaries: Around 44 students of 6th Semester.

“One Expert lecture can inspire hope, ignite the imagination, and instill a love of learning.”

INTRODUCTION –

Expert Lectures – they are fresh, new and often engaging. The modern education system has made Expert Lectures an important part of their learning strategies.

The objective of expert lectures is to explore particular Topic with interaction with experts. Student gets benefit to relate theoretical with practical inputs of field. Series of such session pour an extra enthusiasm to student to give practical approach to their study.



Major Outcomes of Event:

Mr. Bhavesh Pandav, Surveyor & Loss assessor explains thoroughly about the Motor vehicle act. Types of insurance, Motor Survey procedure & how to prepare survey report. He resolved all the doubts raised by the students. At end of the session each student understands the complete procedure of Motor vehicle survey procedure.



A report on Seminar on Guidelines for students undergoing Industrial Training.

Date: 06/02/2020. **Time:** 11:00 am to 04:00 pm. **Day:** Thursday

Faculty Co-ordinator: Mr. G. A. Kapadia, Lecturer in Automobile Engineering Department.

Beneficiaries: 47 students of 4th Semester

As a part of curriculum of Diploma Automobile Engineering, all the students of 5th semester have to undergo an industrial training at selected service center/workshop for whole 5th semester.

An industrial training is one of the key component for students to enhance the knowledge on the different cutting edge technologies and get the real time exposure to the world of work.

Purpose of the Seminar:

To provide guidelines to students about,

- Selecting proper authorized training center with well equipped workshop and better facilities.
- Preparing Industrial Training Report.
- Preparing daily and weekly reports.
- Following safety precautions during the training.
- How to undergo the whole training.



Department Head Mrs. Sweety Ganatra Explaining the Students about Importance of Industrial Training.



Course Coordinator Shri G. A. Kapadia explaining the Students about Industrial Training.



Shri S. K. Modi (Lecturer Automobile) explaining the Students about selection of proper service center.



Senior student sharing his experiences of Industrial Training he had undergone.



A report on Industrial Visit at Kataria Motors.

Name of industry:Kataria Automobiles, Surat

Address :Shree Lekha Residency, 8 233 Palanpur Gam Road Opp, Adajan Gam, Palanpur, Surat, Gujarat 395009

Proprietor:Shri. Rajendra Kataria

Subject: Auto Transmission Mechanism Diagnosis & Testing (3360202)

Date: 23/01/2020. (Thursday)

Participants: 49 students of 6th semester + two faculties.

Faculties: 1.Mr.K.V.Jadav, 2.Mr.S.K.Modi. (LAE)

***“Tell me and I forget, teach me and I may remember,
involve me and I learn.”***

Aim of the Industrial Visit:

Industrial visit is considered as one of the tactical methods of teaching. The main reason behind this is it lets student to know things practically through interaction, working methods and employment practices. Main aim of industrial visit is to provide exposure to students about practical working environment and latest advances in real world of work.

We reached to Kataria Automobiles, Surat. at 9:20 AM. Visit started at 9:30 AM. In Kataria Automobiles, Surat., we meet Shri. Parthiv Mistry Sir, who is the Workshop Manager of the dealership. He welcomed all of us warmly. He was very cooperative in nature. He explained all the things enthusiastically, so it was very easy to understand. He taught about every service of Automobile Transmission system and components. He cleared all the doubts of students. Students were very satisfied after the visit. They gained knowledge about troubleshooting of transmission system.







A report on Industrial Visit at Desai Auto & Diesel Services.

Name of industry: Desai Auto & Diesel Services, Udhna, Surat.

Address: plot no. 4, prabhunagar society, opp. Gayatriwadi, Udhna, Surat-395007.

Proprietor: Shri Devang Desai

Subject: Automobile Engine Diagnosis & Testing (3360201)

Date: 22/01/2020. (Wednesday)

Participants: 49 students of 6th semester + two faculties.

Faculties: 1.Mr.J.G.Kedaria 2.Mr.S.K.Modi

“To Industry, Nothing is impossible.”

Visitplace:We reached to Desai Auto & Diesel Services at 9:15 AM. Visit started at 9:30 AM.

In Desai Auto & Diesel Services premises, we meet ShriDevang Desai Sir, who is the proprietor of the company. He welcomed all of us warmly. He was very cooperative in nature. We were very happy to see the fuel pump calibration & phasing process practically with the help of India made Delphi Tvs fuel pump tester unit. ShriDevang Desai Sir had explained it thoroughly.

At last we thanked Shri Desai Sir and his employees for their cooperation during the visit. They were very helpful and eager to solve each and every doubt of students. The visit was very interactive. Students were very satisfied after the visit.







A report on Industrial Visit at I.T.I.

Name of industry: Industrial Training Institute, Surat.

Address: Industrial Training Institute, Majura Gate, Surat, Gujarat 395009

Subject: Automobile Manufacturing Technology (3340206)

Date: 21/01/2020. (Tuesday)

Participants: 44 students of 4th semester + two faculties.

Faculties: 1.Mr.J.G.Kedaria, 2.Mr.A.D.Patel. (LAE)

***“Tell me and I forget, teach me and I may remember,
involve me and I learn.”***

We reached to I.T.I. Surat, at 03:00 PM. Visit started at 3:15 PM.

In I.T.I. Surat Shri. Bharat Patel Sir, who is the Instructor of Auto Trade in I.T.I. He welcomed all of us warmly. Students were very happy to see the CNC machine & welding process practically with the help of Instructor. Shri. Bharat Patel Sir had explained us this topic thoroughly with enthusiasm.

At last we thanked Shri. Bharat Patel Sir and his staff for their cooperation.







A report on Expert lecture on “Licensing” organized at Department.

Date: 20/01/2020. **Time:** 04:00 pm to 06:00 pm. **Day:** Monday

Expert: Mr.R.J.Ladumor, Lecturer in Automobile Engineering Department having Additional Charge of Learning License issuance.

Faculty Co-ordinator: Mr.K.V.Jadav (LAE)

Beneficiaries: Around 38 students of Fourth semester, Automobile department.

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INTRODUCTION –

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The objective of expert lectures is to explore particular Topic with interaction with experts. Student gets benefit to relate theoretical with practical inputs of field. Series of such session pour an extra enthusiasm to student to give practical approach to their study.



Major Outcomes of Event:

Mr.R.J.Ladumor, Lecturer Automobile Engg. Department explainsthoroughly about the Online process of licensing, different types of forms, basic criteria, basic knowledge & benefits of online process for driving license. He resolved all the doubts raised by the students. At end of the session each student understand the complete procedure of getting driving license online and the key aspects of Driving license.



A report on Industrial Visit at Raycon Services.

Name of industry:Raycon Services, City Light, Surat.

Address: Shop No. 8, Hare Krishna Complex, City Light, Surat-395007.

Proprietor:ShriShasikantGohil

Subject: Vehicle Air Conditioning (3360204)

Date:07/01/2020. (Tuesday)

Participants: 48 students of 6th semester + two faculties.

Faculties:1. Smt. M. N. Vibhakar. 2. Shri G. A. Kapadia.

Aim of the Industrial Visit:

Industrial visit is considered as one of the tactical methods of teaching. The main reason behind this is it lets student to know things practically through interaction, working methods and employment practices. Moreover, it gives exposure from academic point of view. Main aim of industrial visit is to provide exposure to students about practical working environment. It also provide students a good opportunity to gain full awareness about industrial practices. Through industrial visit, students get awareness about new and latest technologies. Technology development is a main factor, about which a students should have a good knowledge. Visiting different companies actually help students to build a good relationship with those companies, which can help them gaining job in that company. We know building relationship with companies always will help to gain a good job in future. After visiting an industry students can gain a combined knowledge about both theory and

practical. Students will be more concerned about earning a job after having an industrial visit. Students get knowledge about working environment in which they will have to work in future, which will help them mentally prepared for any kind of job.

We reached to Raycon Services at 9:15 AM. Visit started at 9:30 AM.

In raycon services premises, we meet ShriShashikantGohil Sir, who is the proprietor of the company. He welcomed all of us very well and also offered tea to us. He was very cooperative in nature. He explained all the things very enthusiastically, so it was very easy to understand. He is expert in Vehicle AC System. He is doing his own business that services of vehicle AC system. He taught us about every services of vehicle AC system and components. He was able to clear all our doubts, we were very satisfied after the visit.

➤ **Visitplace:**



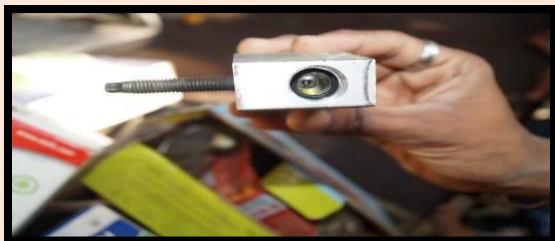
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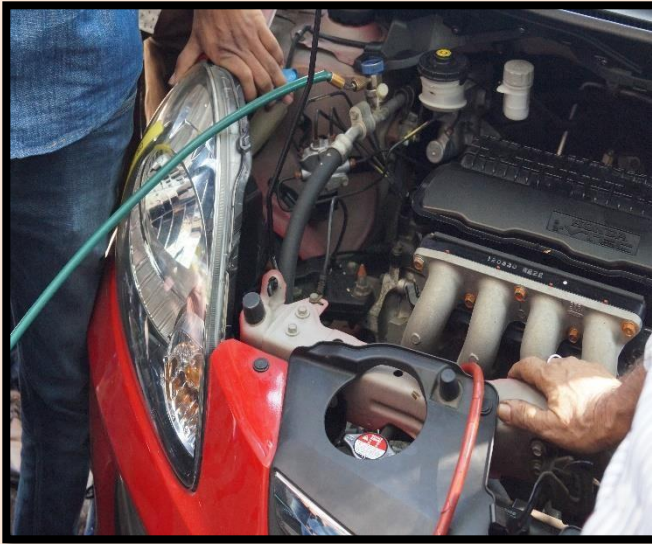
1. Condenser of Honda Brio:



2. Expansion Valve:



- Discharging, Evacuation, Recharging: We were very happy to see the discharging, evacuation and charging process practically with the help of Italy made A/C recovery unit. ShriShashikantGohil Sir had explained us this topic very well.



- At last we thanked Shri. Gohil Sir and his employees for their cooperation during the visit they were very helpful and eager to solve each and every doubts. The visit was very interactive we ask so many questions and they solve all our doubts. Students were very satisfied after the visit.



A report on Seminar/Demonstration on AutoCAD.

Date: 03/01/2020. **Time:** 11:00 am to 01:00 pm. **Day:** Friday

Expert: Mr. Vikas Sharma, Mr. Darpan Vagharia (Khodiyar CAD Center Pvt. Ltd)

Faculty Co-ordinator: Ms. S. S. Maitra (LAE)

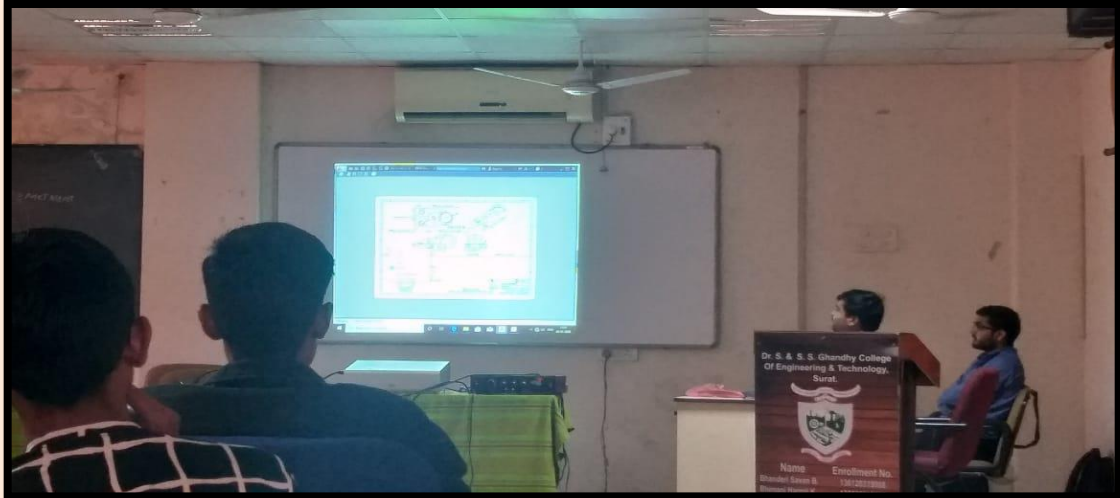
Beneficiaries: Around 76 students of Automobile Engg. Department.

“AutoCAD Commands you might not know yet.”

Purpose of the Seminar:

To provide guidelines to students about,

- The objective of this Seminar is to teach users the basic commands and tools necessary for professional 2D drawing, design and drafting using AutoCAD / AutoCAD LT. After completing this course users will be able to:
 - Use AutoCAD for daily working process.
 - Navigate throughout AutoCAD using major navigating tools.
 - Understand the concept and techniques to draw.
 - Create multiple designs using several of tools.
 - Create layers to control the objects' visibility.
 - Explain drawing using annotations.
 - Plot or print the drawing by scale.
 - To use constraint for certain design.



➤ **Major Outcomes of Event:**

- **Mr. Vikas Sharma**, explained all the things enthusiastically, so it was very easy to understand. He taught about every Tools of AutoCAD. He cleared all the doubts of students. Students were very satisfied after the seminar. They gained knowledge about basic commands and tools necessary for professional 2D drawing, design and drafting using AutoCAD.