

---

***AUTOMOBILE  
ENGG.  
DEPARTMENT***

---

***Extra-  
curricular  
Activities***

---

**2019-20**

---



## **A report on Edmodo Base Quiz (Online) Organized at Department.**

Date: 02/03/2020. Time: 05:00 pm to 06:00 pm. Day: Monday

Faculty Co-ordinator: **Mr.K.V.Jadav, Lecturer in Automobile Engineering Department.**

Beneficiaries: **Around 36 students of Fourth semester, Automobile department.**

**“The purpose of the quiz is not to shame or embarrass anyone, but to make sure everyone is on the same page.”**

### **INTRODUCTION -**

The objective and scope of Online EDMODO Base Quiz System is to record the details of various activities of user. It will simplify the task and reduce the paper work. A large number of participants, with instant results of your online quiz (for the creator as well as the participants), a better overview, you're able to randomize your questions and set a timer. That all without the need of an instructor. Another Advantage is it saves paper, it saves time, it's more secure, set timer. The main objective of Online Quiz System is to enhance and upgrade the existing System by increasing its efficiency and effectiveness.

**SUBJECT - AUTOMOBILE INDUSTRIAL MANAGEMENT**





### **Major Outcomes of Event:**

Mr.K.V.Jadav, Lecturer, Automobile department explained the importance of Quiz. Also deeply discussed on why we go through a online based quiz. After exam each student shared their personal experience for a quiz. Students were very positive about the online quizzes in terms of ease of use, ability to learn course material in a timely, preparation for both class and comprehensive exams, and to improve their course grade, as well.



### **A report on Edmodo Base Quiz (Online) Organized at Department.**

**Date: 10/02/2020. Time: 2:50 pm to 03:50 pm. Day: Monday**

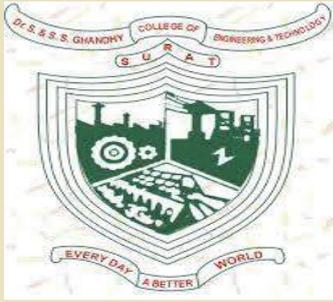
**Faculty: Mr. K. V. Jadav, Lecturer in Automobile Engineering Department.**

**Beneficiaries: Around 44 students of Sixth semester, Automobile department.**

### **SUBJECT - AUTO TRANSMISSION MECHANISM DIAGNOSIS & TESTING**







## **A report on Group Discussion organized at Department.**

Date: 05/02/2020. Time: 04:00 pm to 06:00 pm. Day: Monday.

Faculty Co-ordinator: Mr. G. A. Kapadia, Mr. J. G. Kedaria, Mr. K. V. Jadav (LAE)

Beneficiaries: Around 43 students of Fourth semester, Automobile department.

**“Discussion is an exchange of knowledge; argument an exchange of ignorance”.**

### **INTRODUCTION –**

- 1. Joint family or nuclear family.**
- 2. Social Media – Curse or Boon.**
- 3. Electric vehicle Future of Automobile.**
- 4. Road traffic Sign.**
- 5. Latest development in Automobile Industry.**

A group discussion refers to a communicative situation that allows its participants to share their views and opinions with other participants. It is a systematic exchange of information, views and opinions about a topic, problem, issue or situation among the members of a group who share some common objectives. Group discussion use to help students to understand a topic or concept deeply which will stay for a long time in their minds. Improve Communication Skills, as it can encourage students to become more confident in speaking up and asking questions.



## OBJECTIVE -

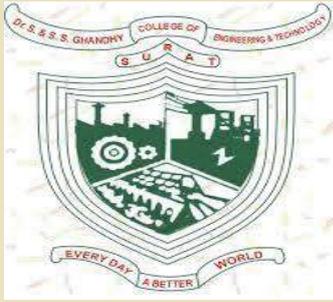
A group discussion among students is being organized to see and evaluate their thinking skills, listening abilities and how they are communicating their thoughts. One should learn to control the conversation through listening attentively and then having the perseverance to mould it towards his/her own direction.



### **Major Outcomes of Event:**

Sharing his thoughts on the occasion, Mr.K.V.Jadav, Lecturer, Automobile department explained each topic of group discussion. No. of student participated in group discussion and shared their personal views. As per critically discussed on each topic many more feedback came from student. Group discussion generates a creative thinking in all participants, something beyond the obvious answers and solution to a specific problem.





## **A report on Demonstration for Use of fire extinguisher**

Date: 17/01/2020. Time: 03:10 pm to 05:10 pm. Day: Friday.

Trainer: **Mr. Bhargav Patel**

Beneficiaries: **Around 40 students of Automobile department. & all faculty.**

***“Fire Destruction Is One Man’s Job; Fire Prevention Is Everybody’s Job”***

### **INTRODUCTION -**

One of the most important responsibilities of everyone is the detection and prevention of fires. When appropriate, staff, students and faculty members should be trained for the proper and safe use of fire extinguishers. This Demonstration Session is not designed to turn participants into firefighters, but rather equip them with the knowledge and skills to detect and extinguish a fire only when it is safe to do so.



## **OBJECTIVE -**

Upon successful completion of this Demonstration Session, the trainee will have a working knowledge of the following:

1. Types of fires
2. Types of fire extinguishers
3. Fire extinguisher features
4. Fire extinguisher operation
5. Fire extinguisher Maintenance
6. Points to remember.



**“Ensure Fire Safety, Save Life, Save Property”.**

## **Major Outcomes of Event:**

After attending this Demo. Session each & every participant knows about use of fire extinguisher, Safety precaution.

### **FIRE EXTINGUISHER OPERATION – P.A.S.S**

**P**-Pull the safety pin, this will allow you to discharge the extinguisher.

**A**-Aim the extinguisher the base of the fire, this will allow you to hit the fuel.

**S**-Squeeze the top handle or lever, this will release the pressurized extinguishing agent.

**S**-Sweep the extinguisher hose from side to side until the fire is completely out.





## **A report on Celebration on Road safety week.**

Date: **16/01/2020. Time: 11:00 pm to 01:00 pm. Day: Thursday**

Duration : **11/01/2020 to 17/01/2020**

Faculty Co-ordinator:**Mrs.S.S.Maitra, Mr.S.K.Modi,(LAE)**

Beneficiaries:**Aprox. 70 staffs & 300 Diploma students.**

**“Alert today – Alive tomorrow.”**

**Hug your kids at home, but belt them in the car.”**

Dr. S. & S. S. Gandhi College OF Engineering and Technology, Surat has celebrated ‘Road Safety Week’ with great zeal and devotion. The Road Safety week was celebrated from 11th Jan to 17th Jan, 2020.

### **IMPORTANCE OF ROAD TRAFFIC SAFETY:**

It is very important to be aware of the road traffic injuries which are an important public health problem. When road safety products are utilized correctly or efficiently, they can help save lives, prevent accidents and injuries, and keep a society functioning in the most optimal way.

The rising traffic in the city, as well as rural areas of the country, has highlighted the importance of road safety education for users. In view of the importance of road safety, various programs have been arranged to ensure the active participation of students and get awareness on road safety.

The road safety education organized by the authorities from time to time is aimed to make students aware and educate them about the traffic rules that they should abide by when they are on the road regardless whether it's pedestrians or driving vehicles.



Road traffic injuries (RTI) in India have been increasing over the past twenty years. This may be partly due to the increase in number of vehicles on the road but mainly due to the absence of coordinated evidence-based policy to control the problem. These data show that the number of fatalities has continued to increase at about seven percent a year over the past decade except over the last couple of years.

A road safety week is celebrated in order to create awareness among the public regarding traffic rules and to reduce casualties of road accidents. Due to lack of awareness, many lose their lives and leads to pain and sufferings.

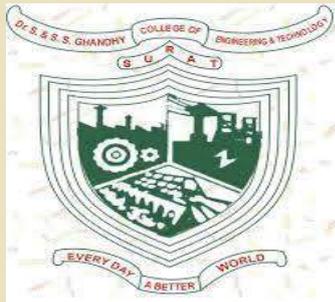
It is celebrated with great enthusiasm every year in our institute. Similarly, this year from 11th January till 17th January 2020.

In this campaign, there were various awareness programmes organized and a seminar on “Road Traffic safety” was conducted at department level. There are innumerable activities which are enjoyed and equally comprehended by the students. Various activities were organized in the College campus to mark the occasion.

Such activities were:-

1. Workshop/Seminar on road safety
2. Group discussion
3. Different traffic signs are shown and explain





## **A report on Celebration of National Constitution day organized at Institute level**

**Date: 26/11/2019. Time: 11:00 am to 12:30 pm. Day: Tuesday.**

**Faculty Co-ordinator: Mr. K.V.Jadav, Lecturer in Automobile Engineering Department.**

**Beneficiaries: Around 55 students from Institute.**

***"A great man is different from an eminent one in that he is ready to be the servant of the society."***

***-B R Ambedkar.***

### **INTRODUCTION -**

Constitution Day (National Law Day), also known as Samvidhan Divas, is celebrated in India on 26 November every year to commemorate the adoption of the Constitution of India. On 26 November 1949, the Constituent Assembly of India adopted the Constitution of India, and it came into effect on 26 January 1950. The Government of India declared 26 November as Constitution Day on 19 November 2015 by a gazette notification. The Prime Minister of India Narendra Modi made the declaration on 11 October 2015 while laying the foundation stone of the Ambedkar Statue of Equality memorial in Mumbai. The year of 2015 was the 125th birth anniversary of Ambedkar, who had chaired the drafting committee of the Constituent Assembly and played a pivotal role in the drafting of the constitution. Previously this day was celebrated as Law Day. 26 November was chosen to spread the importance of the constitution and to spread thoughts and ideas of Ambedkar.

## OBJECTIVE -

The aim of this day is to marking the dawn of a new era. To acknowledge the contribution of the framers of the Constitution and to aggravate the people regarding the prominent values, 26 November is celebrated as the 'Constitution Day'.





## **A report on Seminar on Harmful effects of plastic & cleanliness drive organized at Department.**

**Date:30/09/2019 & 01/10/2019. Time: 01:00 pm to 03:00 pm.Day: Monday & Tuesday.**

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

**Beneficiaries:Around 40 students of third semester, Automobile department.**

### **INTRODUCTION:**

Plastic pollution is a huge environment and health issues as it harms us in more than one way such as it clogs drains, causes visual pollution and proves fatal for stray animals. So with the theme “Ban on single use Plastic”, the Government of India is encouraging throughout India awareness and action for the protection of our environment from plastic pollution. The Government of India is increasing awareness and requesting other state governments, industry, communities and individuals to come together and explore sustainable alternatives and urgently reduce the production and use of single-use plastic that pollutes oceans, damages marine life and threatens human health.

To become a part this campaign, Automobile Engineering Department, Dr. S. & S. S. Gandhi College of Engg. And Technology, Surat has taken an initiative of “Plastic Free Cleanliness Drive”with the guidance of department head Mrs. S. S. Ganatra and faculty co-ordinator Mr. G. A. Kapadia in the premises and adjoining areas of the department. The focus will be to get rid of plastic waste from the department. The department

had organized a seminar and presentation on “Harmful effects of plastic on Environment” on date 01/10/2019.

### **OBJECTIVES:**

With the aim of creating Plastic Free Environment, The Automobile Department has fixed following objectives under the “Plastic Free Cleanliness Drive”:

- To create awareness among the students and faculties of the department on the hazards of single use of plastic and to motivate them towards the use of paper or fabric (Cotton or Jute) bags.
- To create a plastic free environment at the adjoining areas of Automobile Department.

### **ACTIVITIES UNDERTAKEN:**

Collection of plastic waste from adjoining area of the Automobile department. The Plastic Free Cleanliness Drive was done on 30th September 2019 and 1st October 2019 with the “Awareness Campaign and Collection of Plastic Waste” at the adjoining areas of Automobile Department. Under this campaign, faculties and students of the department have collected plastic wastes from department and surrounding areas.





**Cleanliness Drive around department**



**BEFORE**



**AFTER**

➤ Seating area for students besides their classroom have been created by them using waste construction material during the drive:



## **A report on Videoshow on Mahatma Gandhi Biography**

**Date: 23/09/2019. Time: 01:00 pm to 03:00 pm. Day: Monday.**

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

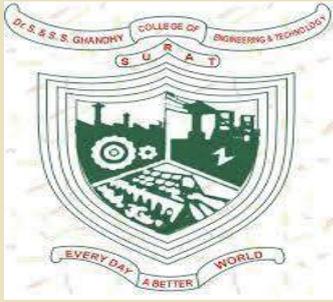
**Beneficiaries: Around 44 students of Sixth semester, Automobile department.**

### **INTRODUCTION :**

Celebrating the 150th birth anniversary of the Father of the nation - Mahatma Gandhi, students of Automobile Engineering Department, Dr. S. & S. S. Gandhycollege of engg. And Technology, Surat were shown a videoshow on life of Mahatma Gandhiji at seminar hall in admin building to get inspired from his life and to learn and follow the path of "Satya and ahimsa". The special observance held was intended towards paying a heartfelt tribute to the man who gave India the real taste of freedom.

Sharing her thoughts on the occasion, Mrs. S. S. Ganatra, HOD, Automobile department explained the importance of following Gandhian values in life for they lead us towards peace and prosperity of all forms. She also emphasized on benefits of virtues like honesty, simplicity, nonviolence, etc. that sets an individual apart from those who believe in the path of violence and anger. Since, Gandhiji played a pivotal role in gaining independence using only non-violent methods, sensitizing the youth of today with his contributions and sacrifices was a must. The young generation of today, who believes in violence and fast paced ways of achieving goals in life, was sensitized with benefits and positive results one can achieve by following the path of **Ahinsaand Satyagraha**, which means moral domination.





## **A report on Plantation Under AICTE “One student one tree drive”.**

Date: 11/09/2019. Time: 11:00 am to 01:50 pm. Day: Monday

Faculty Co-ordinator: Mrs. S. S. Maitra, Lecturer in Automobile Engineering Department.

Beneficiaries: Around 30 students of Third semester, Automobile department.

**“One person planting one tree should be the motto of a truly democratic citizen”.**

### **INTRODUCTION:**

A total of 21 cities in the country are likely to run out of groundwater next year, affecting around 100 million people, according to 2018 report by NITI Aayog. Reports say India has just five years to solve its water crisis.

Amidst this scenario, Hon'ble HRD Minister Dr. Ramesh Pokhriyal “Nishank” has launched a new campaign “One Student One Tree” on 20th July. This initiative is in line with the Hon'ble Prime Minister's idea of a green and healthy environment. As a responsibility towards Mother Nature and contribution to this initiative, AICTE recommend every institute to carry out a plantation drive on any suitable day. Each Student should plant at least 1 tree. Either Students or suitable person from the institute should look after these planted trees. Teaching students mean the message will get conveyed to their families as well.

***Automobile Engineering Department***, has taken an initiative of carry out plantation around the department to support ***“One student One tree”*** campaign initiated by the government. It contributed to the beautification

of the department area and encouraged students to take responsibility of the sapling planted by them. The drive was led by **Ms. S. S. Maitra**, Lecturer Automobile on 11<sup>th</sup> September 2019 at the premises around Automobile Department. Around 30 students of third semester and the faculty members of Automobile department has enthusiastically taken part in the drive.





**One student One tree drive**



## A report on Basics of Disaster Risk Management.

Date: 09/08/2019. Time: 11:30 am to 01:00 pm. Day: Friday

Faculty Co-ordinator: Mr. K. V. Jadav, Lecturer in Automobile Engineering Department.

Beneficiaries: Around 45 students of Third semester, Automobile department.

**“You live to work for another day if you are able to manage the disaster today”.**



## **Introduction:**

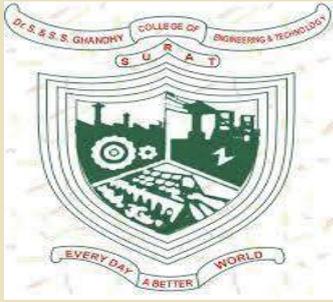
Disaster management in India refers to the conservation of lives and property during natural or man-made disasters. Disaster management plans are multi-layered and are planned to address issues such as floods, hurricanes, fires, mass failure of utilities, rapid spread of disease and droughts. India is especially vulnerable to natural disasters because of its unique geo-climatic condition, having recurrent floods, droughts, cyclones, earthquakes, and landslides. As India is a very large country, different regions are vulnerable to different natural disasters. For example, during rainy season the peninsular regions of South India is mostly affected by cyclones and states of West India experience severe drought during summer.



### **Major Outcomes of Event:**

Sharing his thoughts on the occasion, Mr.K.V.Jadav, Lecturer, Automobile department Gave an information on disaster prevention and recovery plan to be effective, it should cover and involve all departments housed in the same facility. For larger institutions, it could extend involvement in the plan to its off-site facility locations.

- Capacity to describe, analyze and evaluate the environmental, social, cultural, economic, legal and organizational aspects influencing vulnerabilities and capacities to face disasters.
- Capacity to work theoretically and practically in the processes of disaster management (disaster risk reduction, response, and recovery) and relate their interconnections, particularly in the field of the Public Health aspects of the disasters.



## **A report on “Celebration of SwachhtaPakhwada 2019”.**

**Date: 16/08/2019. Time: 11:00 am to 01:50 pm.**

**Day: Friday**

**Duration : 01/08/2019 to 15/08/2019**

**Faculty Co-ordinator: Mr. K. V. Jadav, Lecturer in Automobile Engineering Department. (NSS Co-ordinator)**

**Beneficiaries: Around 75 students of Third & Fifth semester, Automobile department.**

**“The objective of cleaning is not just to clean, but to feel happiness living within that environment”.**

### **INTRODUCTION:**

Swachhata Pakhwada started in April 2016 with the objective of bringing a fortnight of intense focus on the issues and practices of Swachhata by engaging GOI Ministries/Departments in their jurisdictions. Cleanliness is most important for physical well-being and a healthy environment. It has bearing on public and personal hygiene. It is essential for everyone to learn about cleanliness, hygiene, sanitation and the various diseases that are caused due to poor hygienic conditions.

### **Objectives :**

- To create awareness among youth about need and importance of Swachhta.
- To create awareness about swachhta and facilitate implementation across the country.

- To motivate youth in taking a lead role for undertaking cleanliness & hygiene campaign by mobilizing local resources.

**Mahatma Gandhi rightly said, "Sanitation is more important than independence".**

➤ **Glimpse of Events :**

**DAY - 1**

**SEMINAR ON "CLEANLINESS AND HYGIENE"**

**& Taking Swachhta Shapath (Oath)**



**NSS Volunteer Mr.Harshit Sharma gave seminar on cleanliness and hygiene.**



H.O.D **Smt.S.S.Ganatra** shared her experiences and views about importance of cleanliness in life. Teachers' and students' role is very important to create awareness on cleanliness. In today's world the role of social media is important to create awareness among the people and inculcate a feeling of nationality among them. Cleanliness is not only the responsibility of the '*safaikaamgar*' (sanitation worker) or local government. It is the responsibility of all Indians.

The mindset of students is influenced by the surrounding that influences the ability of students to learn. Dirty surroundings are not conducive for learning as it instills stress and reduced ability for students to learn.



All staff & student Taking SwachhtaShapath (Oath).

DAY - 2

Cleanliness Drive in Classroom



***DAY - 3***

***Cleanliness Drive in Laboratories***



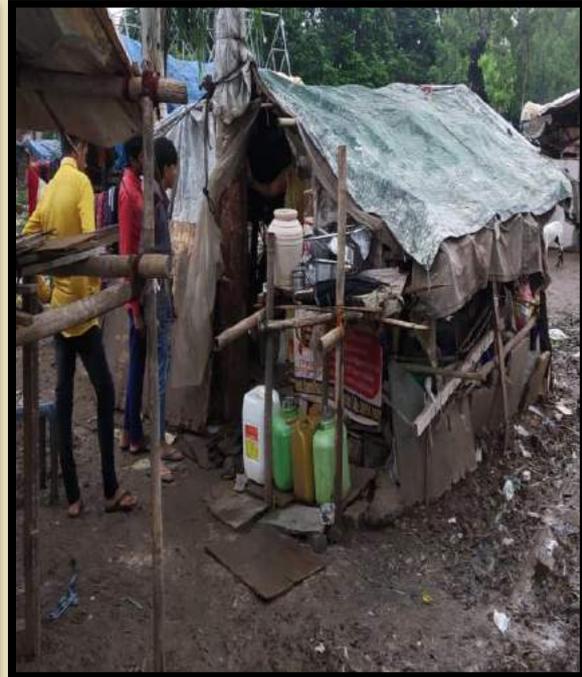
**DAY -4**

**Cleanliness Drive in Department**



**DAY - 5**

***Visit the nearest slum area and Aware about the importance of Cleanliness in their surroundings***



*DAY - 6*

*Cleanliness Drive in nearest Slum Areas*





**BEFORE**



**AFTER**

### **Major Outcomes of Event:**

After end of the Event Sharing his thoughts on the occasion, Mr.K.V.Jadav, (NSS Co-ordinator) ,Lecturer, Automobile department, with the help of cleanliness, we can keep our physical and mental health clean, which will make us feel good. Cleanliness gives rise to a good character by keeping body, mind, and soul clean and peaceful. Maintaining cleanliness is the essential part of healthy living because it is the cleanliness only which helps to improve our personality by keeping clean externally and internally.

It is everybody's responsibility and one should keep themselves and their surroundings clean and hygienic. It also brings good and positive thoughts in the mind which slows down the occurrence of diseases.

It's a need of the day; all the people should actively participate to clean India to fulfill the dream of Mahatma Gandhi for the protection of the environment, for our safety, and for a healthy future.



## **A report on Celebration of international day against drug abuse & illicit trafficking**

**Date:26/06/2019. Time: 11:00 am to 01:00 pm. Day: Wednesday**

**Faculty Co-ordinator:Mr.S.K.Modi, Lecturer in Automobile Engineering Department.**

**Beneficiaries: Around 40 students of Third semester, Automobile department.**

***“You have to trust that full recovery is possible for you. With the right mindset, you can overcome the worst of addiction.”***

### **Introduction :**

International Day Against Drug Abuse And Illicit Trafficking is celebrated on June 26 every year. The theme for the International Day Against Drug Abuse and Illicit Trafficking 2020, Better Knowledge for Better Care emphasises the need to improve the understanding of the world drug problem and how better knowledge will foster greater international cooperation for countering its impact on health, governance and security. The day is dedicated to eradicating drug abuse and neutralise the systemic challenges which sustain the illegal drug issues.



## **ACTIVITY**

**“ON THE SPOT POSTER MAKING COMPETITION” FOR AWARENESS THE DAY OF 26<sup>TH</sup> JUNE**



## **TAKING OATH AGAINST DRUG ABUSE & ILLICT TRAFFICKING**



## **PRIZE DISTRIBUTION CEREMONY**



### **Major Outcomes of Event:**

On this event H.O.D. Smt.S.S.Ganatra shared her thoughts about abuse of drugs. Also sharing his thoughts on the occasion, **Mr.S.K.Modi, Lecturer Automobile Engg. Department, Drug education** enables children, youth and adults to develop the knowledge, skills, and attitudes to appreciate the benefits of living healthily.