

**DR. S. & S. S. CHANDHY COLLEGE OF  
ENGINEERING & TECHNOLOGY, SURAT**

# **AUTOBULLETIN**

**AUTOMOBILE ENGINEERING DEPARTMENT**

**E-Newsletter, Issue 8 | July-Dec 2023**



**Rapid Rim Rally- Tech Vardhanam 2023**

# FROM THE DESK OF H.O.D.

Hello Readers,

I hope this message finds you in good health and high spirits. As we reflect on the past six months, it brings me great pleasure to share the academic and non-academic activities from our vibrant department.

We are proud to announce that our all 62 students of semester 5 have actively engaged in Industrial Training for 14 weeks. This training serve as a bridge between academia and industry, ensuring our students are well prepared for the dynamic challenges of the professional world. The feedback from both students and industry partners has been overwhelmingly positive, underscoring the success of our efforts in this crucial aspect of their education.

In addition to academic pursuits, our department has been bustling with co-curricular and extracurricular activities that contribute to the overall development of the students. From Industrial visit to poster making competition in collaboration with Forest Department, we have strived to provide a diverse range of experience that compliment classroom learning.

To bridge the gap between theory and practical application and to ensure relevance, quality and effectiveness of educational programs, Gujarat Technological University (GTU) revised the curriculum which came into effect from academic year 2021-22. The teaching and examination scheme for all six semesters of Diploma Automobile Program is included in this edition of our newsletter.

With pure joy and delight, I am taking this opportunity to share that our institute had successfully organized and executed a national level Technical festival, Tech Vardhanam-2023. The energy, enthusiasm and collaborative effort put forth by the entire institute community made this event a resounding success. Automobile department faculties continue to be at the forefront contributing significantly in two technical events namely Robo Rush Grand Prix and Rapid Rim Rally. Our students participated in diverse range of events and showcased their creativity and innovative skills.

As we move forward, I encourage all members of Automobile Department family to continue contributing to the growth and success of our department. Your enthusiasm, dedication and collaborative spirit are invaluable assets that shape the future of our students and reputation of our department.

Looking forward to even more accomplishments in the upcoming months.

Mrs. Sweety Ganatra  
Head Of Department,  
Automobile Engineering

*"Teaching is more than imparting knowledge;  
it is inspiring change"*  
-William Arthur Ward

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**EDITOR IN CHIEF**  
**MRS.S.S.GANATRA (HOD)**

**EDITOR**  
**1. CHANDRAKANT PATEL (LAE)**  
**2. ARPIT KUMAR PATEL (LAE)**

**STUDENT EDITOR**  
**1. YASH SOLANKI (6TH SEMESTER)**  
**2. CHRISTIAN JOSHUA (4TH SEMESTER)**

## **CONTACT US**

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- **Department mail ID** - [autossgp@gmail.com](mailto:autossgp@gmail.com)

# Know the Faculty

## Automobile Department



**Mrs. SWEETY S. GANATRA**  
(H.O.D.)



**MR. G.A.KAPADIA**  
(L.A.E.)



**MR. J.G.KEDARIA**  
(L.A.E.)



**MS. S.S.MAITRA**  
(L.A.E.)



**MR. R. J. LADUMOR**  
(L.A.E.)



**MR. K.V.JADAV**  
(L.A.E.)



**MR. K. C. GANDHI**  
(L.A.E.)



**MR. N. J. PATEL**  
(L.A.E.)



**MR. C .A. PATEL**  
(L.A.E.)



**MR. S. K.MODI**  
(L.A.E.)



**MR. A. D. PATEL**  
(L.A.E.)



**MS. N. M. DANGARIA**  
(LAB ASST)

# KNOW THE DEPARTMENT

Automobile Engineering Department established in 1958, is one of the pioneering departments of Dr. S. & S. S. Gandhi College Of Engineering And Technology, Surat. Institute is running under Department of Technical Education, Government of Gujarat and is affiliated to Gujarat Technological university-Ahmadabad. Diploma automobile engineering program is **Accredited by National board of Accreditation (NBA), New Delhi for 3 years (2021-2024)**. The program is approved by All India council for technical education (AICTE), New Delhi. The department has qualified faculty members engaged in teaching learning process with the aim of achieving excellence in the field of automobile engineering.



# VISION

"To be a center of excellence in technical education to prepare diploma automobile engineers with innovative technical and professional skills suitable to automotive industry and the society."

# MISSION

1. To impart globally viable technical core competencies and skills related to Automobile Engineering.
2. To provide scholarly and vibrant learning environment for achieving professional excellence and innovation.
3. To strengthen the institute - industry relation to stay updated with dynamic behavior of automotive sector.
4. To inculcate professional ethics and moral values amongst the students.

## Program Educational Objectives ✨

- The program in Automobile Engineering will prepare students
1. To make successful career in the field of Automobile service, Manufacturing, Road Transport, Motor Insurance and allied automobile sector.
  2. To pursue and excel in higher education for their professional development.
  3. To demonstrate professional ethics and ethos with life-long learning, contributing to the betterment of the society.

## Program Specific Outcomes

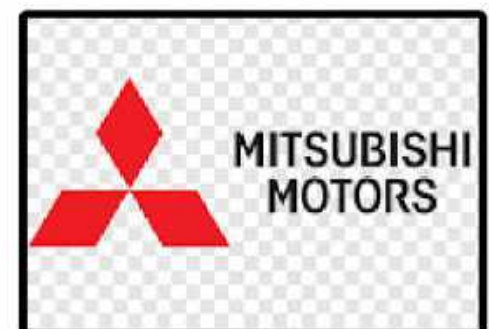
- Diploma Automobile graduate will be able
1. To identify, test, analyze and solve problems related to vehicle service.
  2. To inspect road transport and conduct motor insurance survey.

# DEPARTMENTAL CURRICULAR ACTIVITIES

## INDUSTRIAL TRAINING

As a part of curriculum of Diploma Automobile Engineering, all the students of 5th semester have to undergo industrial training at various authorised vehicle service centre/workshop for whole 5th semester. An industrial training is one of the most important parts of teaching learning scheme for developing psychomotor skills in students and exposing them to actual technical work space.

### Authorized Car Service Centers





# REPAIR CENTER

YOUR ENGINE'S DOCTOR



## Training Centre list for for 5th Semester Industrial Training (July-2023 to December-2023) (Training Duration: 31/07/2023 TO 02/12/2023)

1	Raviratna Motors Pvt. Ltd. Opp. Yogi Petrol Pump, Zadeshwar, Bharuch-392011.
2	Steller Autohaus Pvt. Ltd. Puna Canal Road, Puna Gam, Surat-395010, Gujarat.
3	Kiran Motors Ltd. Plot No. 15, Udhna South Road, Udhna, Surat.
4	Kiran Motors Ltd. Maruti Suzuki Authorised, Near Galaxy Circle, Pal Gam, Surat-394510.
5	Monarch Automotive Pvt. Ltd. Near Water Tank, Next to Platinum Plaza, Dabholi, Surat-395004.
6	R. K. Motors, Nasilpore, Bardoli Road, Navsari.
7	Auto Zone, TP-14, Besides SMC Party Plot (PAL) , Green City Road, Pal-gam, Adajan, Surat.
8	Kataria Automobiles Pvt. Ltd. Bardoli-Kadodara Road, Barasadi Gam, Bardoli-394601.
9	Skoda Presendency Cars Pvt. Ltd. Opp. Shyam Mandir, New City Light Road, Surat
10	Shaswat Automotive, Bosch Service, Opp. Skoda Showroom, B/H Jiviba Farm, Puna Canal Road, Surat-395010.
11	Ganesh Hyundai, Near BRC Temple, Udhna Sachin Main Road, Udhna, Surat-394210.
12	Patel Motors, Maruti Suzuki Authorised, Near Simada Naka, Nana Varachha, Surat-395006.
13	Shreeji Automart Pvt. Ltd. Dumas Road, Piplod, Surat-395002
14	Kataria Automobiles Pvt Ltd. Palanpur Gam, Opp.Sai Tirth Appt. Near Naxatra Platina,Adajan, Surat.
15	AAN Honda, Near Nana Mava Circle, 150 feet ring road, Rajkot-360005.
16	Kataria Automobiles Pvt. Ltd. Canal Road, Pal Gam, Surat.
17	Quik Automotive, Ridhhi Sidhhi Society, Besides Leo School, Udhna, Surat-394210.
18	Nanavati Motors Pvt. Ltd. Opp. ONGC, Magdalla-Hazira Road, Surat-394510
19	Navjivan Luxury Cars Pvt. Ltd. B/s Sai Temple, Surat-Dumas road, Surat-395007
20	Maruti Suzuki Nexa, Vesu, Bharthana, Surat.
21	Amar Cars Pvt. Ltd. Maruti Suzuki Arena, Varachha Road, Surat-394101.
22	Mercedes-Benz, Landmark Cars Ltd, Near Gayatri Petrol Pump, Opp. HP Depot, Bhatpor, Surat-394510.
23	Comet Motors (Maruti Suzuki), Near Vidyanand Chowk, Katargam, Surat-395004.
24	Dhru Motors, Near Jivan Ganga Nagar, Udhna, Surat-394210.
25	Surat Motor Cars LLP. Choksi Building, Near Chosath Jogani Mata Temple, Udhna-Magdalla Road, Surat-394210.
26	Navjivan Motors Pvt. Ltd. Near Chosath Jogani Mata Temple, U. M. Road, Surat.
27	Automark Motors Pvt. Ltd. Volkswagen, Surat. Near South Zone SMC office, Udhna, Surat-394210.
28	Destination Honda, Downtown Auto Pvt. Ltd. Anand-sojitra road, Karamsad-388325, Dist. Anand.
29	Munjani Auto LLP, Toyota Authorised, Near Udhna Cross Road, Udhna-Sachin Road, Udhna, Surat-394210.

# SERVICE

YOUR CAR IS MORE THAN JUST A CAR



# DEPARTMENTAL CO-CURRICULAR ACTIVITIES

# INDUSTRY VISIT

STUDENTS GET EXTRA SKILLS AND KNOWLEDGE

- **INDUSTRY NAME-** MARUTI KATARIA AUTOMOBILE SURAT
- **INDUSTRY CONTACT PERSON -** MR. PARTHIV MISTRY
- **CO-ORDINATOR-** MR. G.A.KAPADIA(LAE),  
MS. S.S.MAITRA(LAE)
- **SEMESTER -** 1ST
- **LEARNING OUTCOMES-** 1.MAJOR EQUIPMENTS IN AUTO SERVICE STATION  
2.HAND TOOLS USED IN VEHICLE SERVICE



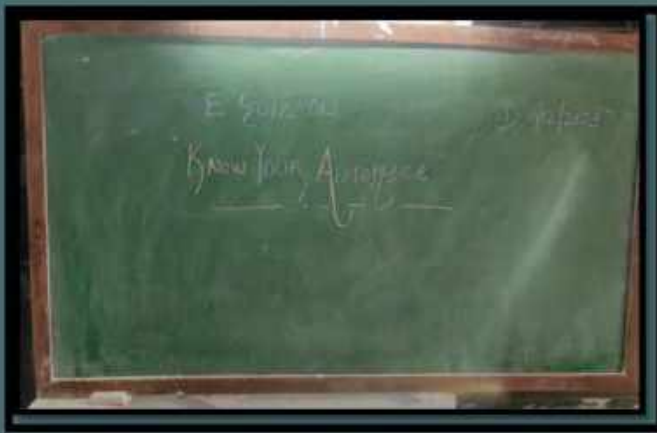
- **INDUSTRY NAME-** TATA PRAMUKH AUTO PVT.LTD. UDHNA SURAT
- **INDUSTRY CONTACT PERSON -** MR. AJITSINGH
- **CO-ORDINATOR-** MR. R.J.LADUMOR(LAE),  
MR. K.C.GANDHI (LAE)
- **SEMESTER -** 3RD
- **LEARNING OUTCOMES-** 1.ELECTRIC VEHICLE WORKING SYSTEM  
2.BATTERY MANAGEMENT IN EV



# Know Your Automobile E-Quiz

- **CO-ORDINATOR** - Mr. K. V. Jadav (LAE)
- **BENEFICIARY** - 56 STUDENTS OF 3RD SEM
- **DATE** - 11/12/2023

A quiz conducted for 3rd semester students via online mode.



## SELF AWARENESS EXERCISE "WHO AM I"

- **Coordinator:** Mrs. S. S. Ganatra (H.O.D)
- **Beneficiary:** 53 students 3rd Sem
- **Date:** 08/12/2023

An activity on self awareness helps students to identify their strengths, weaknesses, motivation, values and align their goals with their purpose & vision.



*"I am who I am today because of the choices I made"*



## DR. S. & S. S. GHANDHY COLLEGE OF ENGINEERING & TECHNOLOGY, SURAT

Organizes

### NATIONAL LEVEL TECH FEST

PATRON

Dr. P. P. Kotak  
(Principal)

CHAIRMAN

Mrs. B. H. Goyal  
(HOD Metallurgy)

ADVISORS

Mrs. S. S. Ganatra  
(HOD Automobile)

Mr. J. S. Dashi  
(HOD Electrical)

COORDINATORS

Mr. D. C. Rajput (LCE)  
9512745566

Mr. P. D. Pamwala (LPT)  
7228864435

Mr. K. V. Jaday (LAE)  
9727712005

Dr. S. M. Patel (LMEIT)  
9904138938

#### INSTRUCTIONS

- All UG/PG/PHD/Diploma students are eligible for participation and need to produce a valid ID card.
- The decision of judges will be final and binding to all.
- Certificate will be given to all the participants.

EXCITING PRIZES



Scan me for Registration



LOTS OF FUN GAMES



META CRAFT

TECHNO TALK

DETECTIVE TECH QUEST

RAPID RIM RALLY

Registration Fees  
50 Rs. Per Participant  
per Event

POSTER PALOOZA

INNOTECH PROJECT EXPO

MODEL MANIA

MIND MASTERS QUIZ

CAD WAR

TECHTINKER IOT HACKFEST

LOAD BEARING BATTLE

ROBORUSH GRAND PRIX

CIRCUIT DEBUGGING

20-21 OCTOBER 2023

09:00 AM ONWARDS



# DEPARTMENTAL EXTRA- CURRICULAR ACTIVITIES

## "ROBORUSH GRAND PRIX"

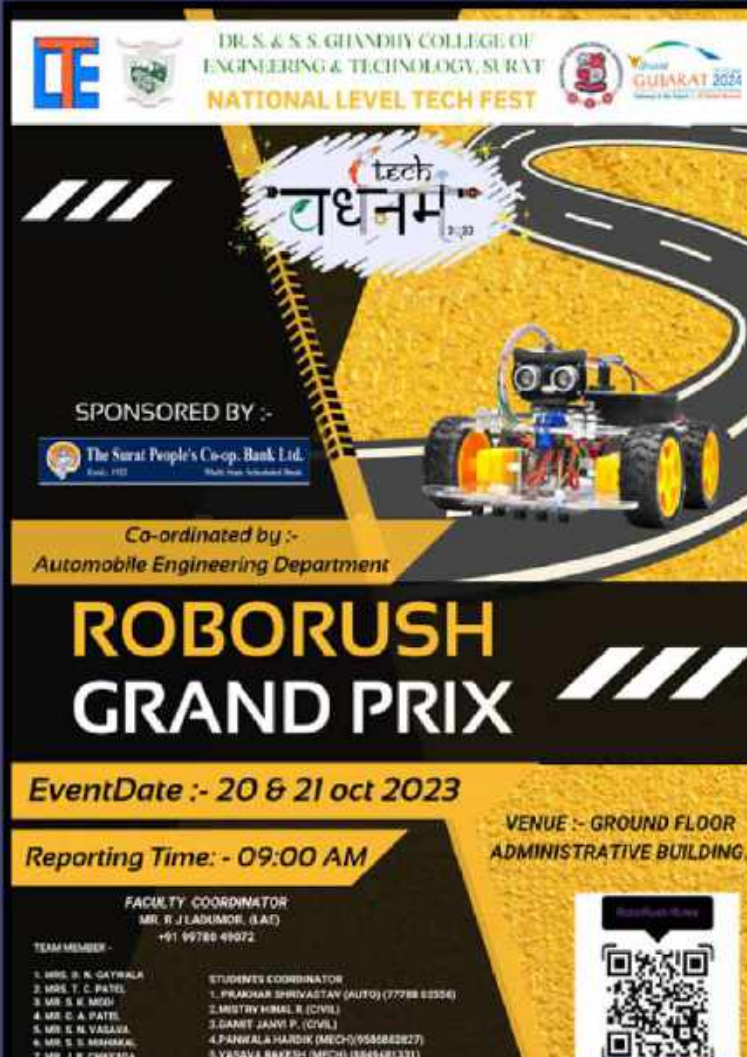
An Event By Automobile Engineering Department in National Level

## TECH FEST - TECH वर्धनम 23

### Coordinating/Organizing Committee:

1. Mr. R. J. Ladumor (LAE) (Faculty Coordinator)	3. Mrs. T. C. Patel (LCE)	5. Mr. C. A. Patel (LAE)	7. Mr. S. S. Mahakal (LME)
2. Mrs. D. N. Gaywala (LAM)	4. Mr. S. K. Modi (LAE)	6. Mr. S. N. Vasava (LME)	8. Mr. J. R. Chavada (LEE)

An adrenaline rush game titled Robo Rush was coordinated by Automobile engineering department in Tech fest organized in institute. Robo Race is always the prime competition of any tech fest and popular among the engineering students as it is epitome of technical skill . To make the Race track, volunteers had to put their maximum efforts. They used cement blocks to make the track and motors, convener belt, piped belt and sensor based hurdles in track to increase the difficulty making it most eye catching. Participants developed different Robo machines choosing different pattern of tyre grip, Weight distribution across chassis and power supply.



The poster features a yellow and black color scheme with a stylized race track. At the top, it lists the organizing institution: DR. S. & S. GHANDHY COLLEGE OF ENGINEERING & TECHNOLOGY, SURAT. It also mentions the event is part of the National Level Tech Fest and Gujarat 2023. A central graphic shows a robot on a track with the text 'Tech वर्धनम 23'. Below this, it states 'SPONSORED BY:- The Surat People's Co-op. Bank Ltd.' and 'Co-ordinated by:- Automobile Engineering Department'. The main title 'ROBORUSH GRAND PRIX' is prominently displayed. Event details include 'Event Date :- 20 & 21 oct 2023' and 'VENUE :- GROUND FLOOR ADMINISTRATIVE BUILDING'. Reporting time is '09:00 AM'. A list of faculty and student coordinators is provided, along with a QR code for registration.

DR. S. & S. GHANDHY COLLEGE OF ENGINEERING & TECHNOLOGY, SURAT  
NATIONAL LEVEL TECH FEST

SPONSORED BY :-  
The Surat People's Co-op. Bank Ltd.

Co-ordinated by :-  
Automobile Engineering Department

**ROBORUSH  
GRAND PRIX**

Event Date :- 20 & 21 oct 2023  
VENUE :- GROUND FLOOR  
ADMINISTRATIVE BUILDING.

Reporting Time: - 09:00 AM

FACULTY COORDINATOR  
MR. R. J. LADUMOR, (LAE)  
+91 99780 49072

TEAM MEMBER -

1. MRS. D. N. GAYWALA  
2. MRS. T. C. PATEL  
3. MR. S. K. MODI  
4. MR. C. A. PATEL  
5. MR. S. N. VASAVA  
6. MR. S. S. MAHAKAL  
7. MR. J. R. CHAVADA

STUDENT COORDINATOR  
1. PRANAV SHRIVASTAV (AUTO) (77788 80336)  
2. MISTRY HIRAL R. (CVIL)  
3. DIKSHIT JAY P. (CVIL)  
4. PARNAL HANSHI (MECH) (955882827)  
5. VASAVA RAKESH (MECH) (8849481331)



To pass all hurdles and complete the whole track in minimum track remains the challenging task for all participants. Total 18 Participants were registered for the event.

Vaibhav Thorat from Adarsh Nivashi Shala begged the 1st Position by completing the track in just 2.09 minutes.

# "RAPID RIM RALLY"

An Event By Automobile Engineering Department in National Level  
TECH FEST - TECH वर्धनम् 23

- Coordinating/Organizing Committee:

Faculty Name	Students Name
1. Mr. Nirav J Patel (LAE) - Faculty Coordinator	1. Gupta Amit (Student Coordinator)
2. Mrs. Nirali M Dangariya (Lab Ass.) -Team Member	2. Gupta Shiv (Student Coordinator)



An event encouraging auto service sector titled Rapid Rim Rally organized by Automobile Engineering Department in tech Vardhanam 2023.

A challenge to change the vehicle tyre with proper tools following standard procedure and safety precautions in minimal time was assigned to participants.

Mr. Jwalin Purohit, Proprietor Jwalins Autocare and Mr. Bhavesh Pandav, Independent Surveyor and loss assessor were invited as Jury for the event. It is matter of immense pride that both the Jury members were alumni of our department and were engaged with auto sector with whole heart.

Though tyre change often seemed to be menial task, but for layman and many others on roads it creates lot of trouble during unexpected incidents. For people associated with auto sector, to change tyre with standard procedure and safety procedure in quick duration makes the event very challenging and of keen interest.

Total 61 students from various departments including Mechanical, Civil, Electrical, Metallurgy and Automobile took part in competition and had really enjoy the task.

Any wrong procedure or tool operation which either damages the vehicle or compromise safety was kept as disqualification criteria. For many participants their disqualification proved to be lifelong lessons by realizing correct things and its importance.

If we observes the results or event winners the feather is in our cap as all top three participants belongs to our institute and the student who begged first position Mr. Mayank Gupta who complete the task in just 4:00:99 Minutes belongs to our department only.



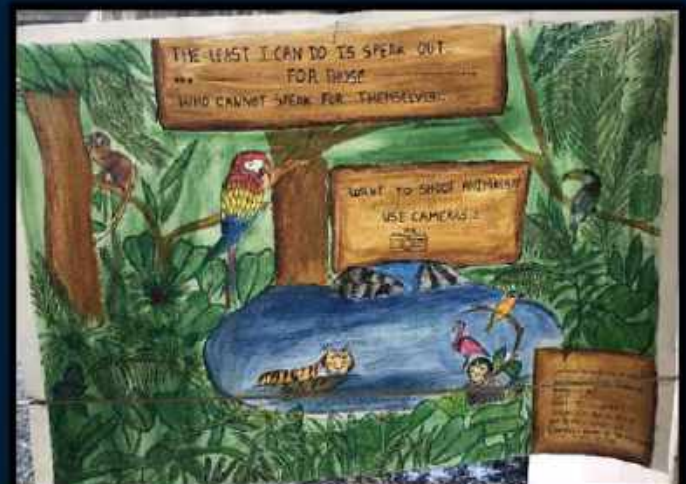
Eco Club being run under department with the aim of holistic development of students by link them with nature and allied activities. Club often organize different activities at department and also at institute level. Here are glimpses of such few events.

### AN AWARENESS PROGRAM & POSTER COMPETITION ON CONSERVATION OF WILDLIFE

- Event Date & time: 9th October 2023, 2:00pm to 4:00pm
- Event Coordinators: 1. Ms. S. S. Maitra (L.A.E) 2. Mr. G. D. Gabani (L.E.E)
- Event Chief Guest: Shri M. Dambhol (RFO) & team
- Event Expert: Mr. Pratik Parmar (President, WECT NGO)

To have compassion for every living creature is fundamental duty of every Indian citizen under article 51 A of Indian constitution. In line of that a poster competition on conservation of wildlife was organized at institute level in collaboration with forest officials of Surat.

The event registered 70 enthusiastic participations from students across various disciplines and semesters who showcased a diverse range of artistic talents. The posters prepared by participants for competition were appreciated and evaluated by RFO Shri M. Dambhol and his team based on artistic merit, creativity, relevance to the theme, and the strength of the conservation message.



# Craft WAR

## CRAFT WAR-LET'S CREATE MASTERPIECES

- Event Date & time: 10th October 2023, 1:00pm to 3:00pm
- Venue: Room no. 10, Civil Drawing Hall, SSGP, Surat.
- Event Sponsor: NSS, SSGP, Surat
- Event organizer : Auto Eco-Club
- Event Coordinators: 1. Ms. S. S. Maitra (L.A.E)  
2. Dr. S. M. Patel (L. Met.)

Craft War aimed to provide a platform for students to showcase their creative talents and craftsmanship by participating in a series of craft-based challenges. The competition encouraged participants to think outside the box, collaborate, and bring innovative ideas to life. The competition included 3 different categories Torans/Hangings, Decorative Cut-outs and Best out of Waste.

*"There is no such thing as 'away'. When we throw anything away it must go somewhere."*



# "THE ESCAPADES" (TAKE A LEAP, EMBRACE THE THRILL)

- Coordinating/Organizing Committee:

1. Ms. S. S. Maitra (LAE)

2. Dr. S. M. Patel (LMET)

The Escapades game was jointly organized by the Automobile and Metallurgy departments in Tech Vardhanam 2023. The event featured a variety of adventure games, including Valley crossing, Burma bridge, Commando net, and Rappelling. A total of 41 enthusiastic students participated in the diverse range of games.



DR. S. & S. S. GHANDHY COLLEGE OF ENGINEERING & TECHNOLOGY, SURAT

## THE ESCAPADES

"TAKE A LEAP. EMBRACE THE THRILL"

20/OCT/2023  
9:30 AM  
ONWARDS

यथनम्

- Valley Crossing  
Rs 50/-
- Burma bridge  
Rs 50/-
- Commando net  
Rs 60/-
- Rappelling  
Rs 60/-

Combo offer  
160/-  
all activity

EXPLORE YOUR  
OWN LIFE

REGISTER HERE

ORGANIZED BY - AUTOMOBILE & METALLURGY DEPARTMENT

CHAIRMAN Dr. P. P. Kotak (Principal)	CHIEF GUEST Mrs. B. H. Goyal (I.O.D Metallurgy)	CO-ORDINATOR Ms. S. S. Maitra (L.A.E.)	CO-ORDINATOR Dr. S. M. Patel (LMET)
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# Parent Teacher Meeting



29/09/2023



11: 00 am to 1:00 pm



Mr. R. J. LADUMOR (LAE)



53 Students along with their parents (3rdSem)



A Gathering of teachers & parents aimed at exchanging information about child's academic progress was organized at department level. Various academic as well as social attributes like attendance in institute, marks in internal examinations, discipline, punctuality etc were discussed during meeting. There was a discussion on student's performance in individual subjects, students discipline in classrooms. Things discussed during meeting helps for holistic development of students by working on hindering factors. Valuable feedback regarding student's academic as well as behavioural things shared with parents.



# Community Service-Blood Donation

The Blood Donation Camp was organized by Dr. S. & S. S. Gandhi College of Engineering and Technology, Surat from 10:00 am to 4:00 pm at Seminar Hall, Admin Building, Dr. S. & S. S. Gandhi College of Engineering and Technology, Surat with support of two active wings of college, NCC and NSS. All Professor, students, NCC Cadets, NSS Volunteers were present on this occasion and actively participated for noble cause.

Blood Donation Camp was sponsored by one of leading textile wet processing industry and HDFC bank.

Departmental faculties and students contributed to noble task by donating blood with humble heart.



## FELICITATION OF TEACHERS BY INDUSTRY PROFESSIONALS

- PRAMUKH TATA- An Authorised TATA car dealership, Surat

On 5th September 2023, a special Teacher's Day celebration took place at department by Pramukh Tata, a renowned Tata car dealership, where the faculty members were honoured and appreciated for their invaluable contributions to society. This unique event involved presenting small mementos to teachers as a token of gratitude.



- SHREENATH KIA- An Authorised KIA car dealership, Surat

Shreenath Kia, a prominent Kia car dealership, organized a special Teachers' Day celebration to honour and appreciate the hard work and dedication of educators. Mr. Pratik Bakre, Assistant General Manager, Shreenath KIA and an alumni of department called up in the morning to cordially invite Mrs. Sweety Ganatra (H.O.D Automobile), Ms. Supriti Maitra (Lecturer Automobile) and Mr. Shrikant Modi (Lecturer Automobile), for the celebration at their newly inaugurated Kia workshop at VIP road, Vesu, Surat.

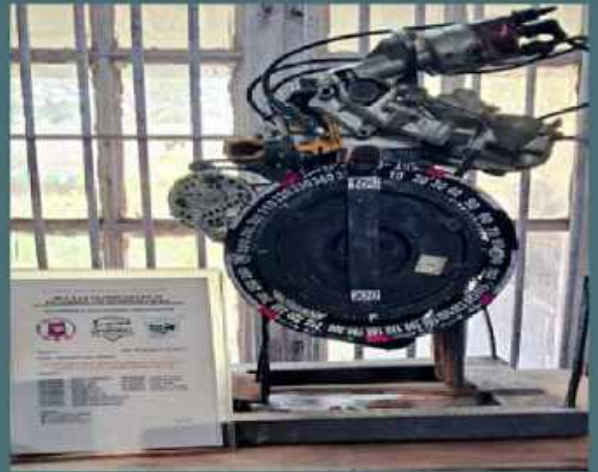


Memorandum of Understanding (MOU) is decided to be established shortly with the mutual intent of enhancing the educational experience and career prospects of students enrolled in the automobile branch of the institute and fostering collaboration between the institution and Shreenath KIA.

# STUDENT PROJECT

## • Engine Valve timing Set Up

Students of 3rd semester under guidance of Mrs. S.S. Ganatra ( H.O.D ) and Mr. S.K MODI ( L.A.E ) prepares micro project focuses on the development of an experimental setup to demonstrate the intricate valve timing mechanism in an existing cut section model of a four stroke three cylinder petrol engine. Valve timing is a critical aspect of internal combustion engines, directly influencing performance, efficiency, and emissions.



## STUDENT ACHIEVEMENT



It is matter of great pleasure to announce that Department 6th semester student Mr. Rashesh Savaliya having enrollment number 206120302025 stood first in GTU Diploma Automobile with 9.89 C.G.P.A. Many many Congratulations to him as well as Whole Automobile Department for Gold medal.



THE GOLD MEDALIST

# FACULTY PARTICIPATION

## FACULTY DEVELOPMENT PROGRAM

Sr. No	Training title	Duration	Training Place	Faculty participated
1	Developing Entrepreneurship & Vocational skills	17/07/2023 to 21/07/2023	SVNIT Surat	Mr. S.K.Modi
2	Green Technologies For Sustainable Development	24/07/2023 to 28/07/2023	NITTR,BHOPAL	Mr. C. A. PATEL
3	Stress Management	21/08/2023 to 15/09/2023	MOOC NPTEL	Mr. K. C. Gandhi



## FACULTY ACHIEVEMENT



• It is matter of proud to announce that Department faculty Mr. Chandrakant Ashokbhai has successfully completed Masters of Engineering in I. C. Engine and Automobile on Nineteenth Of July Two Thousand Twenty Three with distinction.

“Congratulations today and best wishes for all your tomorrows.”

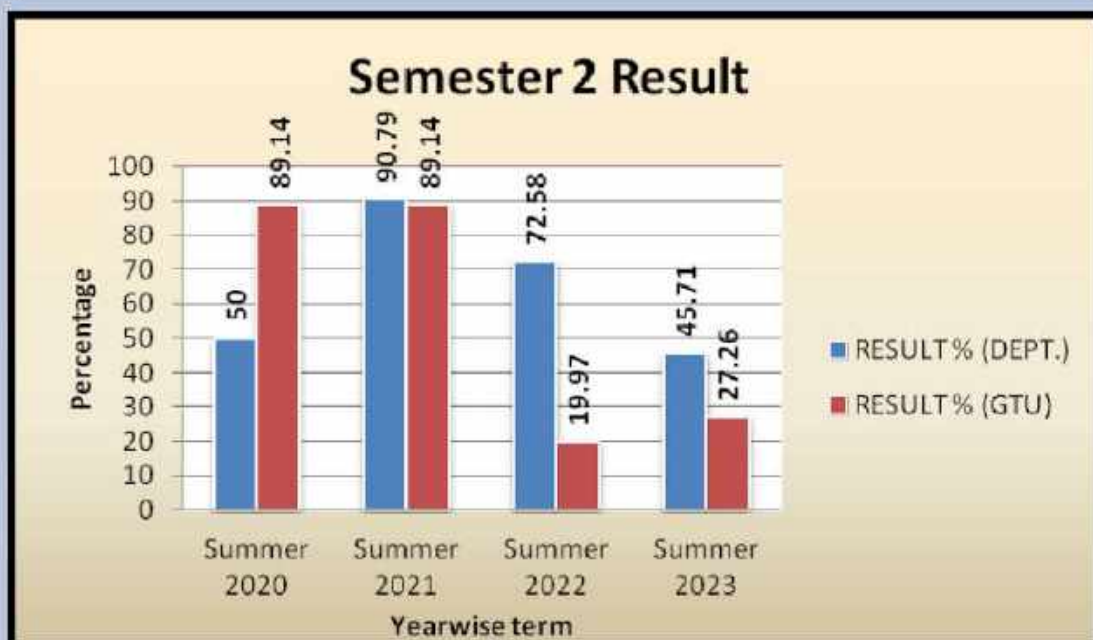


# Result Analysis (GTU Exam Summer 2023)

## SEMESTER II

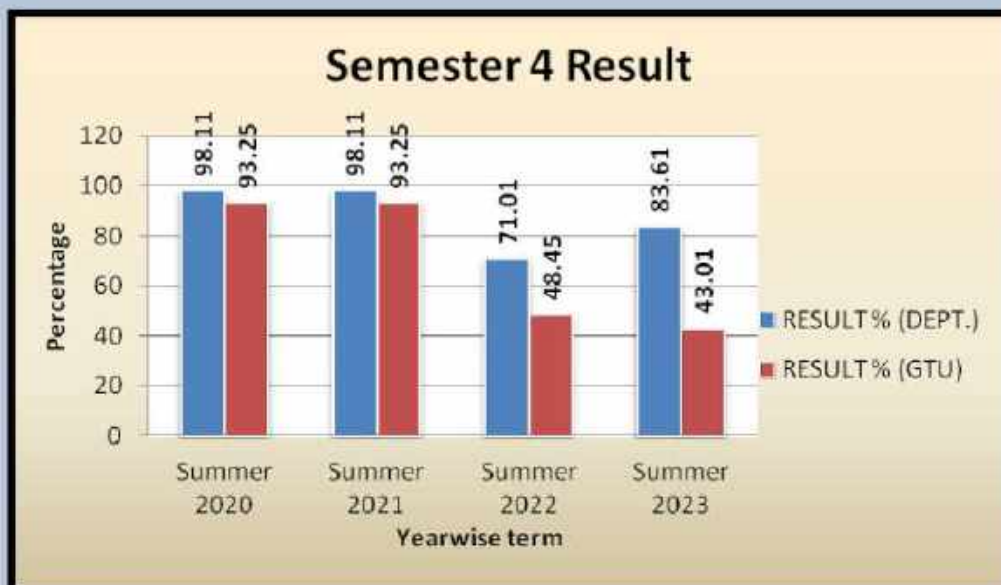
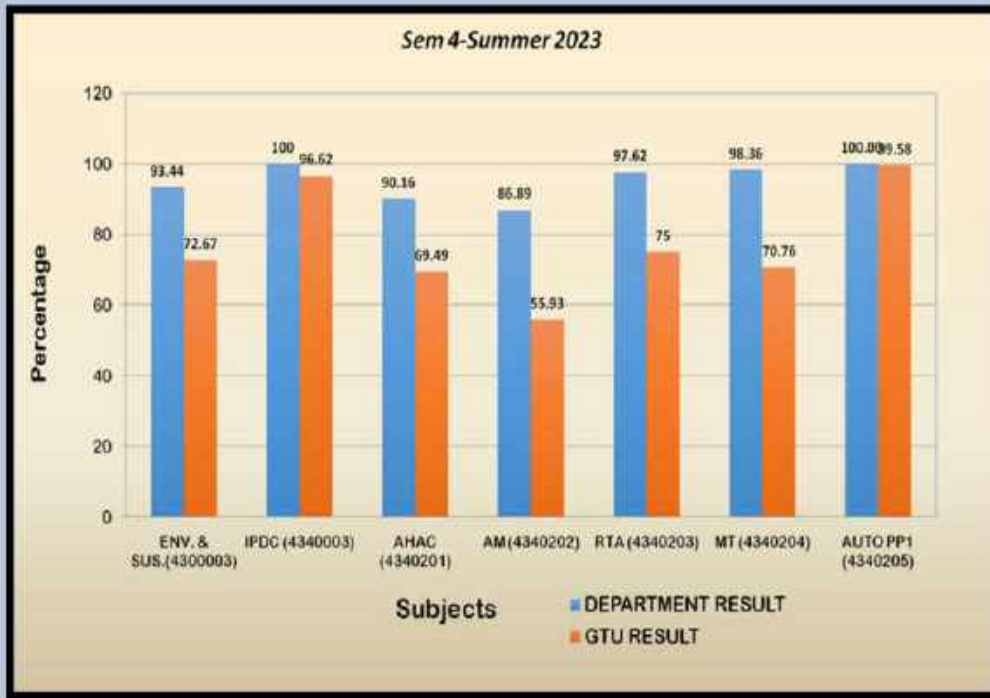
### Topper list

Sr. No.	Enrolment Number	Student Name	CPI	CGP A	SPI
1	226120302066	UJENIYADARSHITVIPULBHAI	8.08	0	8.05
2	226128302008	JODIYA PAPUPUNJA	8.05	8.35	7.74
3	226128302010	KISHANVINODKUMARGORANI	7.98	8.17	7.74
4	226120302012	DESAISHIVAMRAJESHKUMAR	7.95	0	8.05



• **SEMESTER IV** *Topper list*

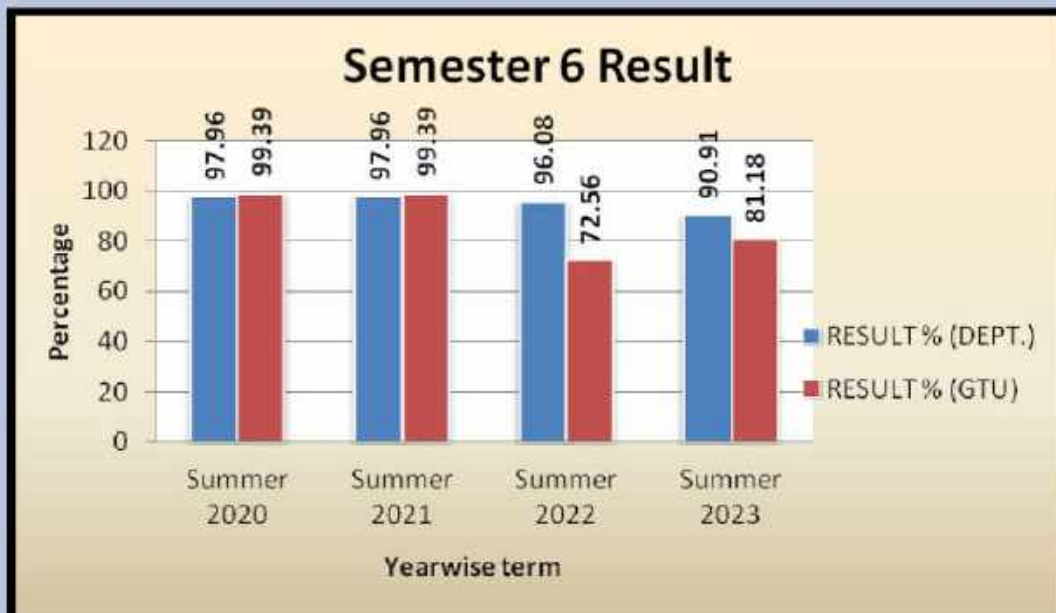
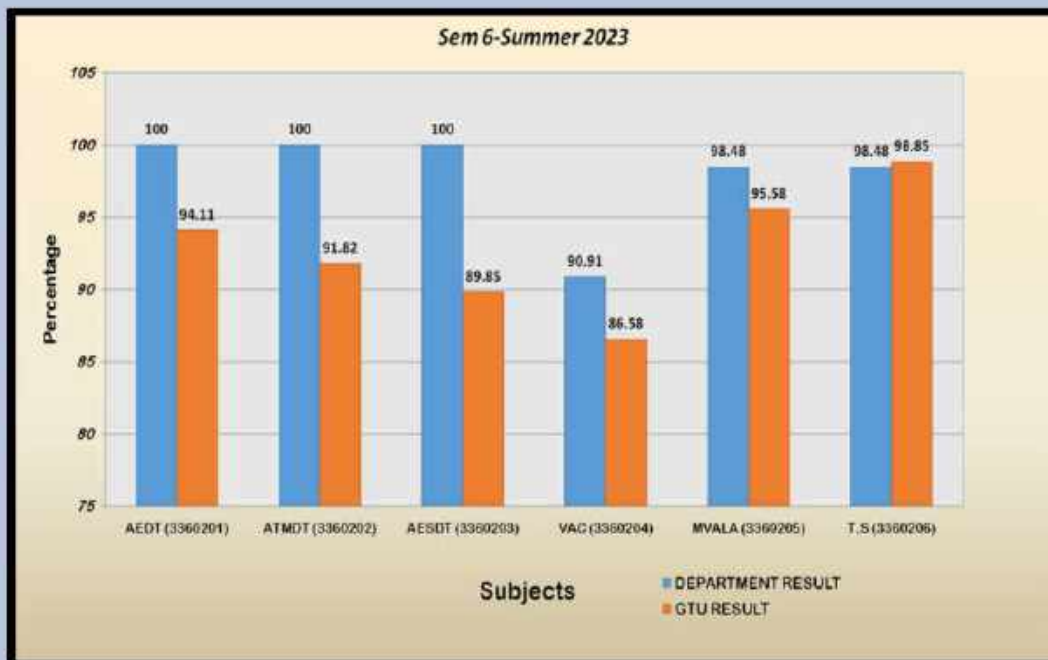
Sr. No.	Enrolment Number	Student Name	CPI	CGPA	SPI	GTU RANK
1	216120302043	SINGH MANDEEPKUMAR VINOD	9.48	9.67	9.5	2nd rank in GTU
2	216120302042	PATEL SAHILBHAI AARIFBHAI	9.18	9.28	9.55	5th rank in GTU
3	216120302039	MANIKAWALA NEEV PRAKASH	8.94	8.83	8.86	10th rank in GTU
4	216120302041	PATEL IJMAMUL ILYASBHAI	8.86	9.04	9.55	-



# SEMESTER VI

## Topper list

Sr. No.	Enrolment Number	Student Name	CPI	CGPA	SPI	GTU RANK
1	206120302025	RASHESH SAVALIYA	9.82	9.89	9.69	1st rank in GTU
2	206120302033	GANDHI KEVIL JITESHBHAI	9.78	9.72	9.52	3rd rank in GTU
3	206120302019	SAVALIYA RELISH DINESHBHAI	9.41	9.64	9.72	9th rank in GTU
4	206120302054	PATIL HARSHAL ANILBHAI	9.26	9.18	9.31	-





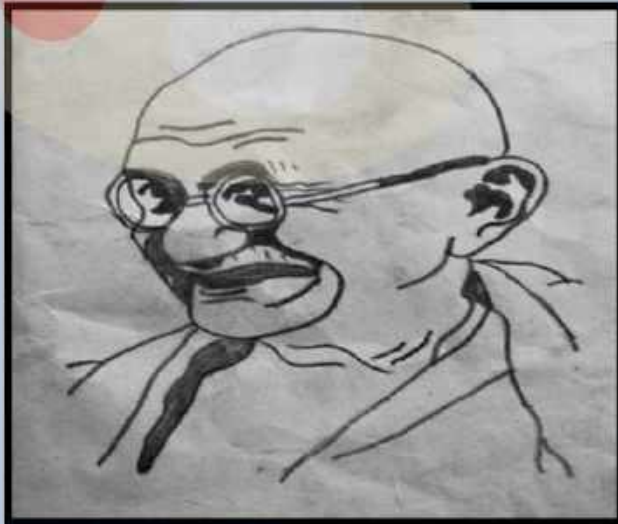
# CREATIVE CORNER



- **Painting By Shaikh Maruf Ahmed Asif Iqbal ( 1st Semester)**



- **Sketch from the KALSARIYA SULABH JIGNESH**
- **Enrollment Number-226128302009**



- **Canvas painting By Department Faculty Mrs. S. S. Maitra (LAE)**



*"A fine work of art - music, dance, painting, story - has the power to silence the chatter in the mind and lift us to another place."*

*— Robert McKee*



**GTU REVISED CURRICULUM-DIPLOMA AUTOMOBILE ENGINEERING  
TEACHING & EXAMINATION SCHEME**

## SEMESTER 1

<u>SUB CODE</u>	<u>SUBJECT NAME</u>	<u>CATEGORY</u>	<u>L.</u>	<u>T.</u>	<u>P.</u>	<u>TOTAL</u>	<u>E</u>	<u>M</u>	<u>I</u>	<u>V</u>	<u>TOTAL</u>
<a href="#">4300001</a>	Mathematics	Basic Sciences	3	1	0	4	70	30	0	0	100
<a href="#">4300002</a>	Communication Skills in English	Humanities & Social Sciences	2	0	2	3	70	30	25	25	150
<a href="#">4300004</a>	Applied Physics	Basic Sciences	3	0	2	4	70	30	25	25	150
<a href="#">4300007</a>	Engineering Drawing	Engineering Sciences	2	0	4	4	70	30	25	25	150
<a href="#">4300015</a>	Sports and Yoga	Audit	0	0	2	0	0	0	50	0	50
<a href="#">4310001</a>	Basics of Civil Engineering	Engineering Sciences	0	2	2	3	0	0	25	25	50
<a href="#">4310201</a>	Auto Trade Practice	Program Core	0	0	4	2	0	0	25	25	50

## SEMESTER 2

<u>SUB CODE</u>	<u>SUBJECT NAME</u>	<u>CATEGORY</u>	<u>L.</u>	<u>T.</u>	<u>P.</u>	<u>TOTAL</u>	<u>E</u>	<u>M</u>	<u>I</u>	<u>V</u>	<u>TOTAL</u>
<a href="#">4300008</a>	Engineering Mechanics	Engineering Sciences	3	1	2	5	70	30	25	25	150
<a href="#">4300014</a>	Basics of Electrical and Electronic Engineering	Engineering Sciences	0	2	2	3	0	0	25	25	50
<a href="#">4300016</a>	Indian Constitution	Audit	2	0	0	0	0	0	50	0	50
<a href="#">4300019</a>	Computer Applications and Graphics	Engineering Sciences	0	0	4	2	0	0	25	25	50
<a href="#">4300020</a>	Engineering Material	Program Core	3	0	2	4	70	30	25	25	150
<a href="#">4301901</a>	Engineering Workshop practice	Engineering Sciences	0	0	4	2	0	0	25	25	50
<a href="#">4320202</a>	Thermodynamics & Hydraulics	Program Core	3	1	0	4	70	30	0	0	100

## SEMESTER 3

<u>SUB CODE</u>	<u>SUBJECT NAME</u>	<u>CATEGORY</u>	<u>L.</u>	<u>T.</u>	<u>P.</u>	<u>TOTAL</u>	<u>E</u>	<u>M</u>	<u>I</u>	<u>V</u>	<u>TOTAL</u>
4330201	Automobile Engine	Program Core	3	0	2	4	70	30	25	25	150
4330202	Automobile Transmission & Mechanism	Program Core	3	0	2	4	70	30	25	25	150
4330203	Automobile Electrical and Electronic System	Program Core	3	0	2	4	70	30	25	25	150
4330204	Fuels and Pollution Control System	Program Core	3	0	2	4	70	30	25	25	150
4330205	Vehicle Body Engineering	Program Core	2	0	2	3	70	30	25	25	150
4330206	Automobile Design & Drafting	Program Core	2	2	2	5	70	30	25	25	150

## SEMESTER 4

<u>SUB CODE</u>	<u>SUBJECT NAME</u>	<u>CATEGORY</u>	<u>L.</u>	<u>T.</u>	<u>P.</u>	<u>TOTAL</u>	<u>E</u>	<u>M</u>	<u>I</u>	<u>V</u>	<u>TOTAL</u>
4300003	Environment and Sustainability	compulsory	3	0	0	3	70	30	0	0	100
4340001	Essence of Indian Knowledge and Tradition	Elective (Any one)	2	0	0	2	70	30	25	25	150
4340002	Contributor Personality Development	Elective (Any one)	2	0	0	2	70	30	25	25	150
4340003	Integrated Personality Development Course	Elective (Any one)	2	0	0	2	70	30	25	25	150
4340201	Automotive Heating & Air Conditioning	compulsory	2	0	2	3	70	30	25	25	150
4340202	Automotive Mechanics	compulsory	2	2	0	4	70	30	0	0	100
4340203	Recent Trends in Automobile	compulsory	2	0	2	3	70	30	25	25	150
4340204	Manufacturing Technology	compulsory	3	0	2	4	70	30	25	25	150
4340205	Automobile Professional Practice-1	compulsory	0	0	6	3	0	0	50	50	100

## SEMESTER 5

<u>SUB CODE</u>	<u>SUBJECT NAME</u>	<u>CATEGORY</u>	<u>L.</u>	<u>T.</u>	<u>P.</u>	<u>TOTAL</u>	<u>E</u>	<u>M</u>	<u>I</u>	<u>V</u>	<u>TOTAL</u>
4350201	Industrial Training	compulsory	0	0	30	15	0	0	500	300	800

## SEMESTER 6

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CATEGORY</u>	<u>L</u>	<u>T</u>	<u>P</u>	<u>TOTAL</u>	<u>E</u>	<u>M</u>	<u>I</u>	<u>V</u>	<u>GRAND TOTAL</u>
4300021	Entrepreneurship and Start-ups	compulsory	3	0	0	3	70	30	0	0	100
4360201	Maintenance & Service -I	compulsory	2	0	2	4	70	30	25	25	150
4360202	Maintenance & Service -II	compulsory	2	0	2	4	70	30	25	25	150
4360203	Maintenance & Service - III	compulsory	2	0	2	4	70	30	25	25	150
4360204	Electric & Hybrid vehicle	compulsory	2	0	2	4	70	30	25	25	150
4360205	Transport management & motor Industry	compulsory	3	0	0	3	70	30	0	0	100
4360206	Automobile professional practice-2	compulsory	0	0	6	6	0	0	50	50	100
<b>TOTAL</b>			18	0	11	29	350	150	80	180	800



**SCAN HERE FOR CURRICULUM**



# ARTICLE BY FACULTY

## Let's burst the misinformation about Hazard Warning Light

All vehicles nowadays are equipped with safety feature of Hazard Warning Light. But still many on roads are misinformed or confused regarding its usage. This article will help you to understand proper usage of Hazard Warning Light and make a step towards responsible driving.

As the name suggest Hazard Warning Light are designed to be used in instances whenever you or your vehicle get in trouble or hazardous situation.

BY A. D. PATEL  
(LAE)



### • When to Not use Hazard Warning Light

1. Driving in rainy, foggy or snowy atmosphere with high speed.
2. Driving in tunnel or low light region.
3. Driving at high speed above 120kmph.

As per vehicle design, Hazard Warning Light and side indication lights cannot be operated simultaneously.

Hence every time driver turn on Hazard Warning Light She get devoid of operating side indication lights which is very crucial feature for lane change and overtaking Ironically many good drivers turn on Hazard Warning Light specifically in above situations due to misinformation which eventually put themselves as well as others on road in danger.

### • When to use Hazard Warning Light

1. Changing car wheel with vehicle parked in road sideways or at any public place.
2. Sudden car breakdown while driving like brake failure.
3. Health emergency of driver or car occupants.

**Hope this article steps you ahead towards safe and responsible driving.**

“Beware Of False Knowledge, It Is More Dangerous Than Ignorance”