

A.D. Patel Institute of Technology
New Vallabh Vidyanagar
Hands-on Workshop
“Modern Maintenance Techniques in Automotive Service Station”

Date: 22/01/2026

(Under the Banner of IIC)

- **Date:** 22/01/2026
- **Time:** 10:00 a.m to 1:00 p.m
- **Institute:** A. D. Patel Institute of Technology
- **Coordinator:** Dr. Sanjay M Patel, Dr. Samarth Shelat , & Prof. Satyavrat Patel
- **Convener:** **Dr. Bhagirath Prajapati**
- **Banners (Support from professional Societies)**

Sr No		Name of Co-coordinator /Mentor/Counselor at A.D.I.T
1	Institution's Innovation Council (IIC)	<ul style="list-style-type: none"> • Dr Bhagirath Prajapati (Convener) • Prof. Khushali Patel (Co-convener)
2	Applicable cell or professional society	<ul style="list-style-type: none"> •

• **Delegates:**

Sr. No	Name of the Speaker	Designation and Short Introduction of Speaker
1	Mr. Ankur Patel	Proprietor, Shayona Automobile Service. Petlad, Anand.

- ❖ **No of Students Participants: 52**
- ❖ **No. of faculty Participants: 7**

Objective:

- To familiarize participants with modern automotive maintenance technologies
- To provide hands-on training on advanced diagnostic and service equipment
- To understand preventive and predictive maintenance strategies
- To develop industry-oriented technical skills among students
- To promote innovation and entrepreneurial thinking in automotive service management
- To enhance employability and startup readiness under SSIP framework

Hands-on Sessions and Demonstrations

A major highlight of the workshop was the hands-on training and live demonstrations. Participants were given practical exposure to:

- Vehicle diagnostic scanners and fault detection
- Live data analysis and interpretation
- Identification and rectification of common vehicle faults
- Routine service procedures and inspection methods
- Proper use of tools, equipment, and safety gear in service stations

The interactive nature of the sessions enabled participants to clarify doubts and gain confidence in handling modern automotive systems.

Outcomes of the Workshop

The workshop successfully achieved its intended objectives. The key outcomes include:

- Enhanced practical knowledge of modern automotive maintenance techniques among participants.
- Improved understanding of advanced diagnostic and troubleshooting methods.
- Exposure to industry-relevant tools and service practices.
- Increased awareness about emerging trends in automotive service and maintenance.
- Motivation among students to pursue skill development and innovation in the automotive service domain.

Feedback from Participants

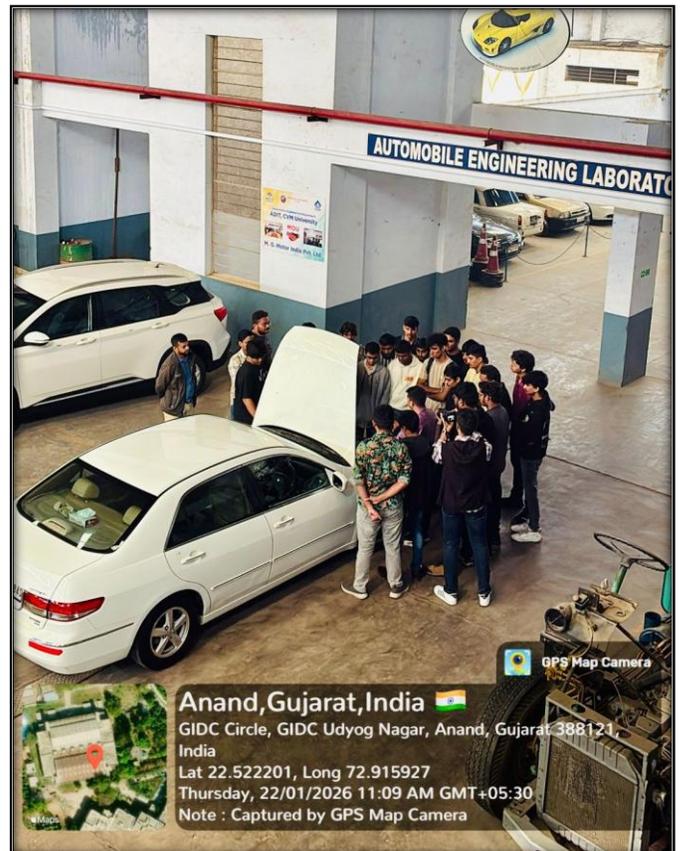
The feedback received from participants was highly positive. Participants appreciated the hands-on approach, industry-oriented content, and practical demonstrations. The workshop was found to be informative, interactive, and beneficial for academic as well as professional development.

Conclusion

The SSIP Sponsored Hands-on Workshop on “Modern Maintenance Techniques in Automotive Service Station” proved to be a valuable learning experience for students and faculty members. The programme effectively complemented the academic curriculum by providing real-world exposure to modern automotive service practices. Such workshops play a vital role in enhancing employability, technical competence, and industry readiness of students. The Department of Automobile Engineering looks forward to organizing similar skill-oriented programmes in the future with continued support from SSIP.

- **Expenditure:** 5500/- for total workshop

- Photographs:



• List of Participants: (Attendance Sheet):





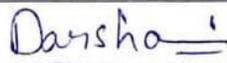
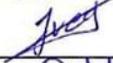
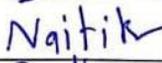
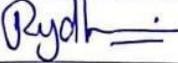
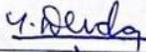
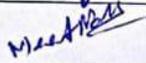
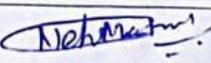


Hands-on Workshop on "Modern Maintenance Techniques in Automotive Service Station"

Date: 22/01/2026 Time: 10:00 a.m to 1:00 p.m

Automobile Engineering Department

Attendance Sheet

Sr No	Enroll No	Name	Level	Sign
1	12502010601001	Bariya Niravsinh Ajitainh	First Year (B.Tech.)	
2	12502010601002	Bhavya Tandel	First Year (B.Tech.)	
3	12502010601003	Darshan	First Year (B.Tech.)	
4	12502010601004	Harsh Sharma	First Year (B.Tech.)	
5	12502010601005	Jasoliya Ved	First Year (B.Tech.)	
6	12502010601006	Meet Rohit	First Year (B.Tech.)	
7	12502010601007	Naitik Gaur	First Year (B.Tech.)	
8	12502010601008	Rydhm Joshi	First Year (B.Tech.)	
9	12502010601009	Shekh Tanvir	First Year (B.Tech.)	
10	12502010601010	Tirth Patel	First Year (B.Tech.)	
11	12502010601011	Suthar Vipul	First Year (B.Tech.)	
12	12502010601012	Yashvardhan Devda	First Year (B.Tech.)	
13	12402010601002	Jeel Jaiminkumar Vaghela	Second Year (B.Tech)	
14	12402010601004	Meet Patel	Second Year (B.Tech.)	
15	12402010601005	Neh Mahant	Second Year (B.Tech.)	

16	12402010601006	Om Barot	Second Year (B.Tech.)	<u>Om Barot</u>
17	12402010601010	Vansh Solanki	Second Year (B.Tech.)	<u>Vansh</u>
18	12402010601011	Vishal Bhanushali	Second Year (B.Tech.)	<u>Vishal</u>
19	12302010601001	Harshil Shah	Third Year (B.Tech.)	<u>H-B-Shah</u>
20	12302010601002	Jasir Saiyad	Third Year (B.Tech.)	<u>— AB —</u>
21	12302010601003	Jay Sargara	Third Year (B.Tech.)	<u>Jay</u>
22	12302010601004	Prajapati Dharmik Poonambhai	Third Year (B.Tech.)	<u>Dharmik</u>
23	12302010601005	Mohit Patel	Third Year (B.Tech.)	<u>Mohit</u>
24	12402010603002	Mepani Dhaval	Third Year (B.Tech.)	<u>Dhaval</u>
25	12402010603003	Vyas Kuldeep	Third Year (B.Tech.)	<u>Kuldeep</u>
26	12402010603004	Lad Kunal Kamleshbhai	Third Year (B.Tech.)	<u>K-K-Lad</u>
27	12402010603005	Montu Maniya	Third Year (B.Tech.)	<u>— A.B. —</u>
28	12402010603007	Rushiraj Sarvaiya	Third Year (B.Tech.)	<u>Rushiraj</u>
29	124021603008	Patel Satyam Bhaveshkumar	Third Year (B.Tech.)	<u>Satyam</u>
30	42502810601001	Aditya Indrajitsinh Chhasatiya	First Year (Diploma)	<u>Aditya</u>
31	42502810601003	Ketan Ode	First Year (Diploma)	<u>Ketan</u>
32	42502810601006	Shivam Yogeshbhai Patel	First Year (Diploma)	<u>Shivam</u>
33	42502810601007	Pranshu Suthar	First Year (Diploma)	<u>P.M.S</u>
34	42502810601008	Rudra Bhavsar	First Year (Diploma)	<u>Rudra</u>
35	42502810601009	Smit Gangani	First Year (Diploma)	<u>Smit</u>
36	42502810601010	Patel Taksh Nemchandra	First Year (Diploma)	<u>Taksh</u>
37	42502810601011	Tanishq Chavda	First Year (Diploma)	<u>Tanishq</u>

38	42502810601012	Parmar Tilak Jayeshkumar	First Year (Diploma)	42502810601012
39	42402810601001	Malek Abdulkadir	Second Year (Diploma)	A
40	42402810601002	Bhavya Dave	Second Year (Diploma)	— AB —
41	42402810601005	Kamariya Harsh Amit Kumar	Second Year (Diploma)	— AB —
42	42402810601006	Harsh Sharma	Second Year (Diploma)	H.S.
43	42402810601008	Limbani Het	Second Year (Diploma)	Het
44	42402810601009	Indrajit Talpada	Second Year (Diploma)	i.T
45	42402810601011	Patel Jay	Second Year (Diploma)	Patel
46	42402810601012	Mohile Jay	Second Year (Diploma)	— AB —
47	42402810601013	Kathan Riteshbhai Patel	Second Year (Diploma)	— AB —
48	42402810601014	Bhoi Mayankkumar Niteshbhai	Second Year (Diploma)	mohile
49	42402810601015	Patel Meet Tusharkumar	Second Year (Diploma)	M
50	42402810601016	Malek Fazil	Second Year (Diploma)	Fazil
51	42402810601017	Malek Mohammad Fahim Altap Ali	Second Year (B.Tech.)	Endk
52	42402810601019	Lalwani Parth Girish Bhai	Second Year (Diploma)	Parth
53	42402810601021	Rhut Patel	Second Year (Diploma)	Rhut
54	42402810601022	Patel Rudra Jayeshbhai	Second Year (Diploma)	Rudra
55	42402810601023	Sanjay Chavda	Second Year (B.Tech.)	— AB —
56	42402810601024	Shaikh Ayan Mohsin Bhai	Second Year (Diploma)	Ayan
57	42402810601026	Patel Vraj Miteshkumar	Second Year (Diploma)	V.m. Patel
58	42402810601028	Zeeshan Khan	Second Year (Diploma)	Zeeshan

