

Samarth Jayeshbhai ShelatE-Mail : samarth.shelat@yahoo.inE-Mail : ae.shelat@adit.ac.in

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Birth Date: 11th February 1986

Blood Group: A +ve (Positive)

Residential Address:

5/A, Gayatri Krupa Society,

Near Kalpana Nagar,

New VIP Road,

Vadodara - 390022

Gujarat- India.

**❖ EDUCATIONAL QUALIFICATION:**

Examination Passed	University / Board	Year of Passing	Percentage (%)	Subjects / Discipline
M. Tech. (Mechanical)	R.G.P.V. Bhopal (M.P.)	2011	75.87	Mechanical Engineering [Heat Power & Thermal Engineering]
B. E. (Automobile)	NMU, Jalgaon (M.H.)	2009	72.00	Automobile Engineering
Diploma (Automobile)	TEB, Gandhinagar	2006	68.01	Automobile Engineering
H.S.C.	GSEB, Gandhinagar	2003	51.25	Science Stream
S.S.C.	GSEB, Gandhinagar	2001	75.29	--

❖ ACADEMIC EXPERIENCE:

Name & Address of the Employer	Designation of the post held	Period of Service From - To	Nature of Service	Total Salary drawn p.m. (Rs.)
A. D. Patel Institute of Technology, New V.V. Nagar, Anand	Assistant Professor	01/04/2012 Till to Date	Teaching, Faculty Advisor, and other Academic Activities	15600-39100 + AGP 7000
A. D. Patel Institute of Technology, New V.V. Nagar, Anand	Adhoc Lecturer	12/08/2011 To 31/03/2012	Teaching & Faculty Advisor	15,000.00 Fixed

❖ MEMBERSHIP:

1. Life Member of Indian Society for Technical Education (ISTE) since 27th February 2016 (Membership Number: LM 111327)
2. Life Member of International Association of Engineers (IAENG) since 18th March 2013 (Membership Number: 129071)

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❖ **INVITED LECTURES & OTHER RELEVANT INFORMATION: -**

1. Delivered an Expert Lecture on “Emerging Trends in Automotive Engineering” as a part of Guest lecture programme in Association with Indian Society of Technical Education (ISTE) at K. J. Institute of Engineering and Technology (KJIET), Savli, Vadodara, Gujarat on 12th September 2017.
2. I was invited as a Member of Faculty Selection committee to conduct the Interview for the post of Head of Department and Lecturer in Automobile Engineering of Diploma Engineering Institution run by Parul arogya seva Mandal on 04th March 2017.

❖ **RESEARCH PAPERS PUBLISHED/PRESENTED IN CONFERENCES/SEMINARS: -**

1. Research Paper on “Design, Fabrication and Development of Hydraulic Sky Lifter for Two Wheelers” in International Journal of Scientific Research and Reviews, ISSN: 2279-0543, UGC Approved Journal No: 63179, Vol. 8 Issue 2, April –June, Issue 2019.
2. Research Paper on “Selection of Parameters in Design and Analysis of Automotive Suspension System: A Review” Selected for Publication in ADIT Journal of Engineering, ISSN: 09733663.
3. Published a paper on “Performance of Diesel Engine Using Measured Properties of Diesel and Jatropa Biodiesel - A Review” in ADIT Journal of Engineering, UGC Approved Journal, ISSN: 09733663, Vol.13, No.1, December 2016.
4. A Paper Presented on “Performance & Analysis of Automotive Radiator - A Review” in national conference on recent research and development in core disciplines of Engineering under support from GUJCOST at Vadodara Institute of Engineering, Vadodara on April 21-22, 2017, ISBN No.:978-93-5268-525-7.
5. A Paper Presented on “A review study on Solar Vapour Absorption Refrigeration system using Libr-H₂O as a working pair” in national conference on recent research and development in core disciplines of Engineering under support from GUJCOST at Vadodara Institute of Engineering, Vadodara on April 21-22, 2017, ISBN No.:978-93-5268-525-7.
6. A Paper Presented on “Review of I. C. Engine Performance Using Measured Properties of Diesel and Biodiesel” in national conference on Research and Innovation in Mechanical engineering at Technocrats institute of Technology & Science, Bhopal on March 05-06, 2014.
7. A Paper Presented on “The effect of Electrochemical Parameters on Corrosion Behavior of Electroslag Strip clad of weld overlays” in national conference on emerging vistas of technology in 21st century at Gujarat Technological University in association with Parul institute of Engineering and Technology on April 14-15, 2012.
8. A Paper Presented on “Biodiesel as an Alternative fuel for Diesel Engine” in national conference on Advances in Mechanical Engineering (NCAME-2011) at UIET, Panjab University, Chandigarh on May 20-21, 2011.
9. A Paper Presented on “Biodiesel from Jatropa oil as an alternative fuel for diesel engine” in International conference on Fifth International Conference on Advances in Mechanical Engineering (ICAME-2011) at S.V. National Institute of Technology, Surat on June 06-08, 2011.
10. A Paper Presented on “Biodiesel as an Alternative fuel for Diesel Engine” in International conference on innovative science and engineering Technology (ICISSET-2011) at V.V.P. Engineering College, Rajkot on April 8-9, 2011.

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❖ **ACADEMICS, EVEVTS, TRAINING & PLACEMENT'S PROGRAMME ORGANIZED:**

1. Organized as a Faculty Coordinator “National Level Summer Skill Internship 2019 imparted by “Sky Rider Automotive” at Bhubaneswar, Odisha from 1st to 15th June, 2019 for Final Year Automobile Students.
2. Coordinating Placements Activity with M/s. 4CPL Company at Ahmadabad on 09th April 2019 along with 38 students from Mechanical, Automobile & Electrical Departments.
3. Coordinating National Level Mega Event of “Mahindra Auto Quotient Season-10” on 13th March 2019, organized by the Department of Automobile Engineering from 01:00 pm to 4:00 pm. in Room No. 205 @ ADIT College.
4. Organized Seminar On “3D Printing and Additive Manufacturing” (Experts: Mr. Abhishek Dave, Director, AM InfoTech & Ms. Dinkal Dangroshiya, Technical Executive on 11th March, 2019 at ADIT College, New V.V. Nagar, Anand, Gujarat.
5. Organized Aptitude Test Training Programme for Third year students delivered by Mr. Rohan Garg, from 23rd to 30th March 2019 (Six Saturdays), in which total 28 students are registered.
6. Appreciated of significant contribution as Faculty Coordinator of “Spectrum 2019, Engine-Quest” A National Level Technological Festival held at ADIT College during 20 & 21st February, 2019.
7. Organized Seminar on “Why GATE Exam is Important?” for Second Year and Third Year on 8th January, 2019 at ADIT College.
8. Organized Tool Test practice on “ANSYS Workbench and Altair Hyper Works Software” for placement in “ELEATION” on 07th January 2019 at ADIT College.
9. Organized One Day Placement activity on “Group Discussion and Mock Interview” for Final Year Automobile Students on 25th July 2018 at ADIT College.
10. Organized Seminar on “Guidance for the Placements” for Final Year Automobile Students on 18th July 2018 at ADIT College.
11. Organized as a Faculty Coordinator “National Level Summer Skill Internship 2018 imparted by “Sky Rider Automotive” at Bhubaneswar, Odisha from 20th June to 4th July 2018 for 25 Final Year Automobile Students.
12. Organized Training at “DSK Benelli Workshop” for Three Final Year Automobile Students from 22nd June to 07th July 2018 at Vadodara Benelli Service Centre.
13. Organized “Seminar On Introduction to Solidworks Automation” for Second Year Automobile Engineering (Experts: Mr. Milan Patel, Director, AM Infotech Technical & Certified Trainer - Solidworks, Dassault Systems & Mr. Shashank Patel, Certified Trainer -Autodesk) on 21st September, 2017 at ADIT College, New V.V. Nagar, Anand, Gujarat.
14. Coordinating National Level Mega Event of “Mahindra Auto Quotient Season-8” on 9th March, 2017, organized by the Department of Automobile Engineering from 01:00 pm to 4:00 pm. in CP/IT Department @ ADIT College.
15. Appreciated of significant contribution as Event Coordinator of “Present O Fie” of state level Tech-fest Spectrum 2017 held at ADIT College during 2nd & 3rd March, 2017.
16. Organized “Seminar On Solidworks Automation” for Third Year Automobile Engineering (Experts: Mr. Milan Patel, Director, AM Infotech Technical & Certified Trainer - Solidworks, Dassault Systems and Mr. Shashank Patel, Certified Trainer -Autodesk) on 03rd February, 2017 at ADIT College, New V.V. Nagar, Anand, Gujarat.
17. Organized Two day “Free Checkup Camp for Automobile battery” (AMARON-Authorized Distributor for sales and service for Two, Three and Four wheeler) from 17th to 18th March 2016.

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18. Organized “Solid Works Seminar” for Third and Second Year Automobile Engineering Students (Experts: Mr. Rudresh Vyas, Education Manager, Dassault Systems and Mr. Gaurav Harane, Application Manager, Dassault Systems) on 4th March 2016, at ADIT College, New V.V. Nagar, Anand, Gujarat.
19. Appreciated of significant contribution as Faculty Co-coordinator of “Chain Reaction Event” as a part of GTU Techfest - Spectrum-2016 held at A. D. Patel Institute of Technology, New V. V. Nagar, Anand, Gujarat during 22nd to 24th February 2016.
20. Organized Three day “Free Checkup Camp for Automobile battery” (AMARON-Authorized Distributor for sales and service for Two, Three and Four wheeler) from 14th to 16th September 2015.
21. Appreciated of significant contribution as Event Co-coordinator of “Problem Identification” of ZERO-15 held at A. D. Patel Institute of Technology, New V. V. Nagar, Anand, Gujarat during 8th & 9th April 2015.
22. Appreciated of significant contribution as Event Co-coordinator of “Part Identification” of ZERO-15 held at A. D. Patel Institute of Technology, New V. V. Nagar, Anand, Gujarat during 8th & 9th April 2015.

❖ **TEQIP, ISTE, MHRD & GTU SPONSORED: FDP & WORKSHOP ATTENDED:**

1. Participated One Week Faculty development program on “Recent Trends in Automobile Engineering” GTU Sponsored and ISTE approved, Organized by ADIT College, New V.V. Nagar, Anand from 04th to 09th February, 2019.
2. Participated One Week faculty development program on “Design Engineering Level - I” Supported and Organized by Centre for Industrial Design, Open Design School, Gujarat Technological University from 16 to 19th January 2018.
3. Participated Two Weeks National level faculty development programme on “Entrepreneurship Development” Supported by NSTEDB & Entrepreneurship Development Institute of India, Organized by ADIT College, New V.V. Nagar, Anand from 18 to 24 December, 2017.
4. Participated TEQIP-II Sponsored One Week Short Term Training Programme on “Research and Development in Solar Energy Applications” Organized by Department of Mechanical Engineering, Birla Vishvakarma Mahavidyalaya (Engineering College) from 19 to 24 December, 2016.
5. Participated TEQIP-II Sponsored One Week Short Term Training Programme on “Advances In Mechanical Engineering” Organized by Department of Mechanical Engineering, Birla Vishvakarma Mahavidyalaya (Engineering College) from 25 to 29 May, 2015.
6. Participated in a Two-week ISTE Workshop on “Fluid Mechanics”, conducted by Indian Institute of Technology, Kharagpur, workshop was held Under the National Mission on Education through ICT (MHRD, Govt. of India) from 20th to 30th May, 2014, Attended the workshop at Sardar Vallabhbai Patel Institute of Technology, Vasad (Remote center ID 1298).

❖ **INDUSTRIAL VISIT’S ORGANISED:**

1. Organized “Industrial visit at Gujarat State Road Transport Corporation” on 18th March, 2019 along with 30 final year students (8th Semester) of Automobile Engineering.
2. from 10th to 14th October, 2018 at John Deere India Pvt. Ltd. And Mahindra Vehicle Manufacturing Ltd. (MVML) along with 44 final year students (7th Semester) of Automobile Engineering.
3. Organized “Industrial visit at Pune” from 10th to 14th October, 2018 at John Deere India Pvt. Ltd. And Mahindra Vehicle Manufacturing Ltd. (MVML) along with 44 final year students (7th Semester) of Automobile Engineering.
4. Industrial visit at Gujarat State Road Transport Corporation & Vintage Village on 23th March, 2017 along with 40 final year students (8th Semester) of Automobile Engineering.

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5. Industrial visit to Honda Motors Workshop, Karamsad, Anand on 10th August, 2015 with 22 first year (First Semester) students of Automobile Engineering, visit under the GTU Bridge course.
6. Industrial visit to Super ICE Industries, GIDC, Vitthal Udhog Nagar, Anand on 24th July, 2015 with 65 Final year students (7th Semester) of Automobile Engineering.
7. Industrial visit at Pune from 2nd October to 6th October, 2013 at John Deere India Pvt. Ltd., Mahindra Navistar Engines Pvt. Ltd. (MNEPL) and Automotive Research Association of India (ARAI) along with 44 final year students (7th Semester) of Automobile Engineering.
8. Industrial visit to Gujarat State Road Transport Corporation (GSRTC) Workshop, Naroda, Ahmedabad on 10th March, 2014 with 56 third year (6th Semester) students of Automobile Engineering.
9. Industrial visit to Bio Diesel Plant, Anand Agriculture University, Anand on 19th September, 2011 with 52 final year students (8th semester) of Automobile Engineering.

❖ **PROGRAMMES ATTENDED & ORGANIZED:**

1. Attended KIA Workshop on “Domain Knowledge” on 18th & 20th June 2019 at ADIT College, New V. V. Nagar.
2. Attended GUJCOST-DST Sponsored 3-Days National workshop on “Computational Fluid Dynamics” from 24th to 26th October 2018 at ADIT College.
3. Attended Panel Discussion on “Stakeholders for Road Safety in Gujarat Who & How?” on 8th October 2018 by IRSC and ADIT College.
4. Attended KIA Workshop on “Team Creativity @ Workplace” on 27th September 2018 at H M Patel Career Development Centre.
5. Attended KIA Workshop on “Skills for Students Parenting” on 31st August 2018 at H M Patel Career Development Centre.
6. Attended an Expert lecture on “Latest Developments at Auto Majors Internationally & Importance of Software in Automotive Technology” delivered by Mr. Ravi Patel, Alumni of ADIT on 28th August 2018 at ADIT College.
7. Attended Brain Storming session on “Role of Faculty Advisor in Student Counselling” on 30th June 2018 at ADIT College.
8. Attended Brain Storming session on “How to Set a Good Question paper?” on 29th June 2018 at ADIT College.
9. Attended 22nd ISTE State Annual Faculty Convention 2017 and National Conference on “Engineering Innovations for Social and Environmental Development”, Jointly organized by ISTE Gujarat section and ADIT college, New V.V. Nagar, Anand, Gujarat on 30th December 2017.
10. Participated in One Day Faculty Development Program on “Design Engineering” Organized by ADIT College, New V.V. Nagar on 15th July, 2017.
11. Participated on one-day Workshop on “Solar Technology” at Navrachana University, Vadodara on 11th February 2017.
12. Participated on one-day Workshop on “Overview for Evaluation process of 100 activity points” at Gujarat Technological University, Nr. Vishwakarma Government Engineering College Nr. Visat Three Roads, Visat - Gandhinagar Highway Chandkheda on 7th May 2016.
13. Participated in the event “CFD Workshop” as a part of GTU Techfest - Spectrum-2016 held at A. D. Patel Institute of Technology, New V. V. Nagar, Anand, Gujarat during 22nd to 24th February 2016.
14. Participated in one Day Training Programme for all Gujarat RTO officer on “High Security Registration Plate (HSRP)” organized by ARAI, Pune on 28th December, 2015 at Vadodara, Gujarat.
15. Participated in one Day State Level Seminar on “CAE for Automotive Research and Development” organized by Mechanical Engineering Department on 8th December, 2015 at Vadodara Institute of Engineering, Kotambi, Dist. Vadodara, Gujarat.

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16. Participated on one Day Workshop on “Author Workshop” at Gujarat Technological University, Nr. Vishwakarma Government Engineering College Nr. Visat Three Roads, Visat - Gandhinagar Highway Chandkheda on 30th October 2015, Collaboration with “SPRINGER”.
17. Attended the one Day workshop on Faculty Development Programme in “Autodesk Fusion-360”, Organized by Information Technology Centre, Anoopam Mission, Brahmajyoti, Mogri, GIDC, Anand, Gujarat 388345, on 26th October 2015.
18. Attended an Expert Lecture on “Recent Advances In Alternative Fuel Engines and Alternative Drive Train Technologies” delivered by Dr. S.S. Thipse, Organized by the Department of Automobile Engineering, On 27th August, 2015, at A.D. Patel Institute of Technology, New Vallabh Vidyanagar, Gujarat.
19. Participated in One Day Faculty Development Programme on “Design Engineering” Organized by Electronics & Communication Engineering Department, A. D. Patel Institute of Technology, New V. V. Nagar, Anand, Gujarat on 11th April 2015.
20. Participated in “Amateur Motocross” as a part of ZERO-15 held at A. D. Patel Institute of Technology, New V. V. Nagar, Anand, Gujarat during 8th 9th April 2015.
21. Attended on Two-day training on “ANSYS (R-15)” at A. D. Patel Institute of Technology, Vallabh Vidyanagar from 26th & 27th February 2015, Organized by Mechanical Engineering Department.
22. Participated on Two Day workshop on “Faculty Development Program in association with Spoken Tutorial Project”, IIT Bombay on “LATEX & SCILAB” On 25 & 26 June 2012 at Institute of Technology & Management Universe, Vadodara-Gujarat, India.
23. Participated on one Day seminar on “NON DESTRUCTIVE TESTING” at G.H. Patel college of Engineering and technology, Vallabh Vidyanagar on 11th April 2012, Organized by Mechanical Engineering Department.
24. Certificate for DOEACC “Course on Computer Concepts (CCC)” conducted during June 2010.
25. Full time course of advance training for two weeks in “MAINTENANCE, SERVICING AND OVERHAULING OF AUTOMOBILE PETROL ENGINE”, from 29th December 2008 to 09th January 2009 In Advance Training Institute, Mumbai.
26. Foundation course on “CATIA Modeller (V-5, R-16)” at CADD Centre training services, Vadodara during June 2008(95 days).
27. Participated on one-day workshop on “Entrepreneurship DEVELOPMENT PROGRAMME (MITCON), Shri Sureshdada Jain College Of engineering, Jalgaon.

❖ **VARIOUS DUTIES ASSIGNED AND PERFORMED SINCE JOINING:**

1. GTU Staff Code :- 8638 (Link : <https://www.staffs.gtu.ac.in/>)
2. Coordinating National level event of Mahindra AQ-2019 & AQ-2017 and in which 2 students are selected at national level and get opportunity for placement.
3. Departmental SSIP (Student Start-up & Innovation Policy) Member since 4th September 2018.
4. Training and Placement coordinator/in charge since October 2017.
5. Design Engineering Coordinator & Mentor since July 2017.
6. Departmental Record Management System (RMS) Coordinator since August 2015.
7. ISO Departmental process member since July 2013, Handled 3 Processes such as; Emergency, Safety and other Supplementary, Relationship with stake holders and IT Services.
8. Arranged Industrial visits for the students and visited various companies like ARAI, Mahindra Vehicle Manufacturing Ltd. (MVML), Volkswagen, John Deere India Pvt. Ltd., etc.
9. Pollution Under Control (PUC) Laboratory In-Charge & for renewal of RTO license for PUC certificate of Petrol and Diesel from 2014 to 2017.

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10. Faculty Advisor of 2011 & 2015 admitted students and Laboratory Batch allotment in-charge.
11. Departmental Library in charge from 2011 to 2013.
12. Departmental NBA team member for academic activities.
13. A Faculty Guide for IDP/UDP of 7th & 8th Semester, Automobile Engineering Department.
14. A Faculty Guide for Design Engineering in Automobile Engineering Department.
15. ADIT-Tech Fest as an Event Coordinator, arranged Technical Events every year.
16. Delivered Bridge course lectures and arranged Village visits as a part of curriculum.
17. Student project displayed in Electromation Exhibition at Vadodara from 7th to 9th January 2016.
18. Arranged Parents meetings (twice in a year) for progress of the students in curriculum and Extra curriculum activities.
19. Taking Remedial classes for backlog students and after that result is improved with 75%
20. Taking Extra classes for Diploma to Degree students.
21. Upgraded various Laboratory handouts and tutorial for the subjects like Automobile Air conditioning system, Automobile heat transfer, Fluid Mechanics, Engineering Thermodynamics, and Engineering Graphics.
22. Performed various GTU Examination Duties such as GTU exam Supervisions, Observer, University paper Assessments, Internal examiner for various subjects.
23. GTU Appointed as an External examiner to conduct practical/vivo examination.

I, hereby declare that the information provided above is accurate & correct as per best of my knowledge & concern. For any incorrect or illegal information, I will be responsible & answerable.

Yours Faithfully,

Shelat Samarth Jayeshbhai

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