

STAFF PROFILE**Name : Shri S. D. Gandhi****Designation: Senior Lecturer, Mechanical Engineering Department****Qualifications : B. E. Automobile****Date of Birth: 21-07-1970****Academic Performance:****(High School to Highest Qualification)**

Exam	Passing Month & Year	Name & Address of College/School	Board	% Of Marks	Grade
S.S.C	March 1986	Modern High School, Pune-411005	SSC	75.71	Distinction
H.S.C / Diploma	March 1988	Modern College, Pune-411005	HSC	63.17	First Class
Degree	May 1992	Vishwakarma Institute of Technology	Pune University	60.33	First Class

Experience:

TEACHING		INDUSTRIAL	TOTAL
PCP	OTHER INST.		
29 Yrs.	1 Yr. 6 months	10 months Apprenticeship	31 Yrs. 4 months

Achievements (Trainings, Qualification upgradation, book publish, curriculum/ manual design)

1. MSBTE Model Answer Project 2024: Moderator for Model Answer of AEE (22445) Course in May 2024.
2. MSBTE Curriculum Revision Project 2023: Course content development, Question paper profile, Scheme details under K-Scheme as course expert for course 'Advanced Engine Technologies' in March 2024.
3. Completed "Professional Development Workshop" on Digital creativity Skills as a part of Adobe Academic Essentials program in May 2023.
4. Moderator for Model Answer Project of MSBTE, winter 2022 Examination: Automobile Engineering Course.
5. Completed "AICTE Training And Learning (ATAL) Academy" Online Elementary FDP on "PROJECT THRIVE-Leadership Excellence" at Indian Institute of Management Amritsar.
6. Completed "AICTE Training And Learning (ATAL) Academy" Online FDP on "Non Destructive Testing and Evaluation" at National Institute of Technology, Srinagar.
7. Completed "AICTE Training And Learning (ATAL) Academy" Online FDP on "Pedagogue

- capacity building for excellence in higher education" at Raghavendra Institute Of Pharmaceutical Education And Research Saigram, Anantapur.
8. Completed "AICTE Training And Learning (ATAL) Academy" Online FDP on "Electric Vehicles" at Gyan Ganga Institute of Technology And Sciences, Jabalpur in September 2020.
 9. Completed an Online- short course on "Learn to Design your own Solar Home System". The recipient got a basic understanding of energy, power, electricity bill, and solar systems in August 2020. The certificate has been awarded as a part of Energy Literacy Drive of the Energy Swaraj Foundation in association with Pimpri Chinchwad polytechnic.
 10. Completed Faculty Development program on "Moodle Learning Management System", organized by Pimpri Chinchwad Polytechnic in association with "Spoken Tutorial, IIT Bombay", in May 2020.
 11. MSBTE I-Scheme Curriculum Revision Project work for Automobile Engineering Program and Mechanical Engineering: MSBTE introduced a course of "Emerging Trends in Mechanical Engineering" for automobile / mechanical diploma program sixth semester I-scheme. Mr. S. D. Gandhi attended workshops for development of learning manual and authored learning manual relevant to the "Electric Vehicles" in August 2019.
 12. MSBTE Laboratory manual development work for sixth semester Mechanical Engineering program in July and August 2019.
 13. Validation Technical Verification of Lab. Manual of Automobile Engineering Program, Course- Automobile Engines of AE3I.
 14. Course Coordinator for MSBTE Lab. Manual Development work for Course 'Automobile Engines' of AE3I.
 15. Coordinator for MSBTE Orientation program for First year I-scheme conducted at Pimpri Chinchwad Polytechnic.
 16. Course Expert for MSBTE Curriculum Revision Project of I- Scheme of Automobile Engineering.
 17. Subject Expert for MSBTE Curriculum Revision Projects for C, E and G Scheme of Automobile Engineering.
 18. Coordinator for MSBTE Curriculum Revision Projects for E and G scheme of Automobile Engineering.
 19. Subject Expert for the Curriculum Development of DIPLOMA OF AUTOMOTIVE TECHNOLOGY Under the tie-up with KANGAN INSTITUTE of Australia.
 20. Teacher guideline documents of Automobile Transmission System of AE 3C, Automobile Engines of AE 4C, Advanced Automobile Engines of AE 5C.
 21. Subject Expert for the MSBTE Curriculum revision work for Post Diploma in Automobile engineering of 'A' - scheme.
 22. "Curriculum validation committee" Invitee member for the validation of Automobile engineering curriculum of AE course 'C' scheme at MSBTE.
 23. Coordinator and Subject Expert for the project of Laboratory Manual Development 'A'-scheme, subject Automobile Engineering of course ME 3A Mechanical Engineering.
 24. Review of MSBTE Laboratory Manual for the subject Automobile Engines of AE 4C.
 25. Resource person for One day Orientation programme for Teachers for Effective implementation of curriculum of Automobile Engines of AE 4C

26. Resource person for One day Orientation programme for Teachers for Effective implementation of curriculum of Advanced Automobile Engines subject for the course AE 5C.
27. Resource person for MSBTE sponsored Short Term Training Program on 22/09/2010. I have delivered a two hour session on 'Multi -port Fuel Injection systems'. The Short term training program on 'Modern trends in Automobile Engineering', organized by Mechanical Department of Bhivrabai Sawant Polytechnic between 20/09/2010 to 24/9/2010.

Number of Paper Published:

Paper Name	Publication Details	Date/Year of Paper Published
Composite Material used for Leaf Spring	National Conference of Recent Innovations in Technology (NCRIT-2018) (Co-author)	14th July 2018

Number of Blogs Posts:

Sr.no	Blog Name
1	Career path for Automobile Engineering aspirants.
2	There is always room at the top

Books/Journal/Magazine Published:

Sr. No	Books/ Journal Name/ Magazine	Publication
01	Learning Manual for course ' Emerging Trends in Mechanical Engineering' Sixth Semester I-Scheme (Author of a unit on "Electric Vehicles")	MSBTE - Learning Manual
02	Laboratory Manual for course 'Automobile Engineering' in Mechanical Engineering: Sixth Semester I-Scheme (First Co-author of Laboratory manual)	MSBTE- Laboratory Manual

Conference/Seminar/Workshop/STTP/FDP Attended:

Sr. No.	Training Undergone / Responsibility undertaken	Duration	Training Agency / Venue / Organization where activity done
1.	MSBTE Model Answer Project 2024: Moderator for course: Automotive Electrical & Electronics Systems (22442)	11/05/2024 To 14/05/2024	M. M. Polytechnic (via email)
2.	MSBTE CRP 2023 Workshop for finalization of scheme and detailed course content development, question paper profile creation for fourth semester under " K-Scheme" as course expert for course " Advanced Engine Technologies"	11-03-2024 to 15-03-2024 (1 week)	MSBTE Building, Regional Office, Pune
3.	Neuro Linguistic Programming: Foundation Workshop by Mr. Mayur Gade	12-01-2024 and 13-01-2024	Pimpri Chinchwad Polytechnic

4.	“Teacher and Learner Engagement in Project Based and Problem Based Learning” (Two days National level Online FDP)	28-11-2023 and 29-11-2023	A. G. Patil Polytechnic Institute, Solapur
5.	Safety Riding Training.	14-9-2023 and 15-9-2023	Honda Motorcycle and Scooter India Pvt. Ltd.
6.	Professional Development Workshop on Digital creativity Skills	31-05-2023	Adobe Academic Essentials program
7.	Can renewable energy sources power the world? (Online course – 8 weeks- Self paced course)	27-04-2023	OpenLearn, The Open University.
8.	Moderator for Model Answer Project of MSBTE Winter 2022 Examination	05-01-2023 (01 Day)	M.M. Polytechnic, Thergaon, Pune-33
9.	Completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "PROJECT THRIVE-Leadership Excellence"	09/08/2021 to 13/08/2021 (1 week)	Indian Institute of Management Amritsar.
10.	Completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Non Destructive Testing and Evaluation”.	26-07-2021 to 30-07- 2021 (1 week)	National Institute of Technology, Srinagar.
11.	Completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Pedagogue capacity building for excellence in higher education"	08-07-2021 to 12-07- 2021 (1 week)	Raghavendra Institute of Pharmaceutical Education And Research, Saigram, Anantapur.
12.	Completed <u>AICTE Training And Learning (ATAL)</u> <u>Academy Online FDP on "Electric Vehicles"</u>	01-09-2020 to 05-09- 2020 (1 week)	Gyan Ganga Institute of Technology And Sciences, Jabalpur.
13.	Completed an Online Course - on "Learn to Design your own Solar Home System". (Number of Video sessions, followed by online Assessment)	09-08-2020	Energy Literacy Drive of the Energy Swaraj Foundation in association with P.C. polytechnic.
14.	Faculty Development Program on "Moodle LMS" by Pimpri Chinchwad Polytechnic, Pune in association with <u>Spoken Tutorial IIT-Bombay</u>	25-05-2020 to 29-05- 2020 (1 week)	Spoken Tutorial IIT- Bombay
15.	First workshop for Development of Learning Manual for course ‘ Emerging Trends in Mechanical Engineering’ Sixth Semester I-Scheme	28-08-2019 to 31-08- 2019 (3 days)	MSBTE organized activity at Govt. Polytechnic, Pune.
16.	Workshop on Sixth Semester I-scheme Sample Question paper, Test paper and Profile	26-08-2019 to 27-08- 2019 (2 days)	MSBTE organized activity at Govt. Polytechnic, Pune.
17.	Second Workshop for development of Lab. Manual for 6 th Semester I-Scheme, Mechanical Engineering Program	07-08-2019 to 09-08- 2019 (3 days)	MSBTE organized activity at Govt. Polytechnic, Pune.
18.	First Workshop for development of Lab. Manual for 6 th Semester I-Scheme, Mechanical Engineering Program	15-07-2019 to 17-07- 2019 (3 days)	MSBTE organized activity at Govt. Polytechnic, Pune.
19.	One day workshop on I-scheme Implementation	06-07-2019 (1 day)	MSBTE, Mumbai
20.	STTP: Second Training-cum-Course Detailing	03-10-2018 to	NITTTR, Regional

	Workshop for 1 st Group 6 th Semester Programmes	05-10-2018 (3 days)	Centre, Pune.
21.	First additional workshop for Industrial training course detailing and other remaining courses ('Two and three wheeler technology' and other courses of Fifth semester I-scheme)	28-08-2018 to 30-08-2018 (3 days)	NITTTR, Regional Centre, Pune.
22.	Meeting: Development of sample question papers of 4 th semester (I-scheme) in C.D.C. Section (D-50) of MSBTE, Mumbai	18-07-2018 (1 day)	M.S.B.T.E. Mumbai
23.	STTP: First Training-cum-course Detailing Program for Group 1: 6 th Semester I-scheme (Hydraulics and Pneumatics)	26-06-2018 to 28-06-2018 (3 days)	NITTTR, Regional Centre, Pune.
24.	Validation of Technical Verification of Lab. Manual (Course: Automobile Engines of AE3I)	18-05-2018 (1 day)	M.S.B.T.E. Mumbai C.D.C. Section (D-50)
25.	STTP: Editing and Validation of Lab Instruction and Question Paper (for III-Semester of Group-A Programmes for MSBTE Identified Teachers)('Automobile Engines' of AE3I-Course coordinator)	12-02-2018 to 16-02-2018 (One Week)	NITTTR, Regional Centre, Pune.
26.	STTP: Design and Development of Lab Instruction and Question Paper (for III-Semester of Group-A Programmes for MSBTE Identified Teachers) (Course: Automobile Engines of AE3I)	01-01-2018 to 05-01-2018 (One Week)	NITTTR, Regional Centre, Pune.
27.	STTP: Second Training-cum-Course Detailing Workshop for 1 st Group 5 th Semester Programmes	12-12-2017 to 14-12-2017 (3 days)	NITTTR, Regional Centre, Pune.
28.	Coordinator for "I-Scheme Orientation Program"	28-06-2017 (01 Day)	MSBTE/ Pimpri Chinchwad Polytechnic
29.	MSBTE COURSES Committee meeting	03-04-2017 (01 Day)	MSBTE Mumbai
30.	STTP: Second Course Detailing Workshop of 1 st Group Programmes for 4 th Semester	29-03-2017 to 31-03-2017 (3 days)	NITTTR, Regional Centre, Pune.
31.	STTP: First Course Detailing Workshop of 1 st Group Programmes for 4 th Semester	13-02-2017 to 15-02-2017 (3 days)	NITTTR, Regional Centre, Pune.
32.	Finalization Structure and Curriculum Content	17-01-2017 (01 Day)	MSBTE Mumbai
33.	STTP: Second Course Detailing Workshop of 1 st Group Programmes for 3 rd Semester	13-12-2016 to 15-12-2016 (3 days)	NITTTR, Regional Centre, Pune.
34.	STTP: First Course Detailing Workshop of 1 st Group Programmes for 3 rd Semester	08-11-2016 to 10-11-2016 (3 days)	NITTTR, Regional Centre, Pune.
35.	STTP: Final Course Detailing Workshop of 1 st Group Programmes for 2 nd Semester	30-08-2016 to 01-09-2016 (3 days)	NITTTR, Regional Centre, Pune.
36.	STTP: First Course Detailing Workshop of 1 st Group Programmes for 2 nd Semester	03-08-2016 to 05-08-2016 (3 days)	NITTTR, Regional Centre, Pune.
37.	STTP: MSBTE CRP Program Structure Finalization Workshop	30-05-2016 to 31-05-2016 (2 days)	NITTTR, Regional Centre, Pune.
38.	STTP: MSBTE CRP Draft I Program Structure Workshop	28-03-2016 to 30-03-2016 (3 days)	NITTTR, Regional Centre, Pune.
39.	Service Training on Faculty Development Module	21-03-2016 to 23-03-2016 (3 days)	Service Training Centre of Tata Motors Limited.
40.	STTP on "Advances in Automotive Technology"	29-12-2014 to 02-01-2015 (1 week)	M. M. Polytechnic

41.	Subject Expert for Model Answer Project of MSBTE- Winter 2014	21-11-2014 (01 Day)	G.P. Awasari
42.	Teacher Guide AE 5G Subject Expert	09-06-2014 to 11-06-2014 (3 days)	RBTE Pune Office of MSBTE
43.	Newer Technologies in Diesel, Gasoline systems, Auto Electricals and Battery management”	26-05-2014 to 30-05-2014 (1 Week)	Bosch Regional Training Centre, Pune.
44.	Subject Expert for Model Answer Project of MSBTE	03-05-2014 (01 Day)	G.P. Awasari
45.	Subject Expert for Model Answer Project of MSBTE	28-04-2014 to 29-04-2014 (02 Days)	G.P. Awasari
46.	Subject Expert for Confidential Work	07-02-2014 (01 Day)	MSBTE Mumbai.
47.	Orientation workshop for Fourth Semester AE 4G Automobile Engines	08-01-2014 (01 Day)	Institute of Technology and Engg. Malegaon Bk.
48.	Moderator for Model Answer project of MSBTE	29-11-2013 (01 Day)	G.P. Awasari
49.	Moderator for Model Answer project of MSBTE	17-11-2013 (01 Day)	G.P. Awasari
50.	Workshop on “Training Question paper Setters”	01-02-2013 and 02-02-2013 (02 Days)	Government Polytechnic, Pune
51.	One day Orientation Program on 2 nd Semester G-scheme of MSBTE	06-01-2013 (01 Day)	New Polytechnic, Kolhapur.
52.	Content Detailing Workshop for Automobile Engg. (CRP - 12)	16-01-2012 to 18-01-2012 (3 days)	MSBTE/ Pimpri Chinchwad Polytechnic
53.	Content Detailing Workshop for Automobile Engg. (CRP - 12)	14-11-2011 and 15-11-2011 (02 Days)	MSBTE/ Pimpri Chinchwad Polytechnic
54.	Content Detailing Workshop for Automobile Engg. (CRP - 12)	17-10-2011 and 18-10-2011 (02 Days)	MSBTE/ New Polytechnic Kolhapur.
55.	Content Detailing Workshop for Automobile Engg. (CRP - 12)	26-09- 2011 to 28-09- 2011 (03Days)	BV's JNIOT, Pune
56.	State Level Courses Committee Meeting for Mechanical Engg. Group (CRP- 12)/ Discussed the framework and broad outline of Subjects of Mechanical Engg. Group	26-08-2011 (01 Day)	MSBTE Mumbai.
57.	CRP – 12 = Industry Report analysis, Teaching and Examination scheme and Broad Outline of the subjects of Automobile Engineering course.	20-07-2011 to 22-07-2011 (03 Days)	MSBTE Regional Office Pune
58.	Curriculum Revision Project (CRP - 12) Third to Sixth Semesters Automobile Engg. Course= for Industry Survey and Job Profile of Diploma Holder as Institute Coordinator	17-06-2011 (01 Day)	MSBTE/ RBTE, Pune or NITTTR Pune
59.	Meeting at MSBTE, to prepare curriculum of Diploma of Automotive Technology (MOU of KANGAN Institute Australia and MSBTE Mumbai)	07-10- 2010 (01 Day)	MSBTE Mumbai
60.	A Resource person for the Short term training program on ‘Modern trends in Automobile Engineering’	22-09-2010 (01 Day)	Bhivrabai Sawant Polytechnic, Pune
61.	Curriculum Revision of ‘C’ to ‘E’ (Sample Question Paper Specification Table) of AE5E	16-04-2010 and 17-04-2010. (2 days)	Venue: Satara Polytechnic, Satara.
62.	Curriculum Revision of ‘C’ to ‘E’ (Sample Question Paper Specification Table) of PG 6E	21-6-2010 and 22-6-2010 (2 days)	BV's JNIOT, Pune.
63.	Advances in Automotive Technology	08-02-2010 to 12-02-	BV's JNIOT, Pune

		2010 (1 Week)	
64.	Workshop to revise Curriculum of 'C' Scheme into 'E' Scheme of Third & Fourth Sem. AE Course as Expert	24-07-2009 to 25-07-2009 (2 days)	New Polytechnic, Kolhapur
65.	Teacher Guideline Document (Sample Question Paper Specification Table etc.)	03-01-2009 to 04-01-2009 (2 days)	New Poly. Kolhapur
66.	Curriculum Implementation – Resource Person (for Implementation of Curriculum AE 5C)	02-07-2008 (1 day)	New Poly. Kolhapur
67.	Orientation programme for curriculum Implementation – as a Resource Person	05-01-2008 (1 day)	New Poly. Kolhapur
68.	Review Sample Question Papers, Test Papers and Profile of Question Papers for 4 th Semester -- Workshop	03-12-2007 (1 day)	RBTE, Pune.
69.	Fourth Semester Sample Question Paper, Test Paper and profile -- Workshop	25-10-2007 to 27-10-2007 (3 days)	RBTE, Pune.
70.	Recent trends in Electrical system of Automobiles	12-03-2007 to 16-03-2007 (1 week)	CWIT, Pune.
71.	Non-destructive Testing	20-11-2006 to 30-11-2006 (2 weeks)	JNIOT, Pune.
72.	Curriculum Revision Project Orientation	28-11-2005 to 30-11-2005 (3 days)	MSBTE, Mumbai.
73.	Modern Trends in Automobiles	29-3-2004 to 02-04-2004 (1 week)	JNIOT, Pune.
74.	Question Bank Development	18-08-2003 to 21-08-2003 (4 days)	NITTTR, Pune.
75.	Laboratory Manual Development	19-05-2003 to 21-05-2003 (3 days)	NITTTR, Pune.
76.	Laboratory Manual Development	12-05-2003 to 14-05-2003 (3 days)	NITTTR, Pune.
77.	Laboratory Manual Development	28-04-2003 to 30-04-2003 (3 days)	MSBTE, Mumbai.
78.	Induction Phase-I Training	01-11-2000 to 30-11-2000 (4 weeks)	Govt. Polytechnic, Mumbai.

Extra Co-curricular Activities:

Sr. no	Activity Name	Activity Detail	Duration
1	Institute NBA coordinator for first and second shifts	NBA activities coordination for all programs of both shifts and interaction with NBA.	29-01-2016 till Academic Year 2017-18
2	Institute: Training Coordinator	Staff training program	Academic Year 2023-24