

Curriculum Vitae

1. **Name:** Dr. Amit Purushottam Gawande

2. **Designation & Department:** Assistant Professor, Chemical Engineering

3. **Correspondence address:** P.T.Gawande Complex, Main Road, Banosa, Daryapur, Dist: Amravati M.S. 444803



4. **Email & contact number:** apg.coeta@gmail.com, ameet.gawande@coeta.ac.in, 9765656523, 8999336400

5. **Date of Birth:** 10/01/1978

6. Academic Qualification (Undergraduate Onwards)

SN	Degree	Year	Subject	University/Institution	% of marks /CGPA
1	B.Tech.	1999	Chemical Engineering	SGBAU, Amravati	65%
2	M.Tech.	2012	Chemical Engineering	SGBAU, Amravati	8.10 CGPA
3	Ph.D.	2018	Chemical Engineering	SGBAU, Amravati	--

7. **Ph.D thesis title:** “Adulteration of Petrol With Kerosene as A Fuel in Petrol Powered Autorickshaw Engine and Assessment of Deviation of Tailpipe Emission Thereof Contributing to Air Pollution”

Year of Award: 2018

8. Work experience (in chronological order).

SN	Designation	Name of the Institute	From	To
1	Process Engineer	Fanuc India, Ltd, Pune	2000	2007
2	Assistant Professor	College of Engg& Tech., Akola	2012	Till date

9. Professional Recognition/ Award/ Achievement/ Certificate received.

SN	Name of Award	Awarding Agency	Year
1	Best Student of the Year	Prabodhan Vidyalaya, Daryapur	1993

10. Publications (List of papers published in Journals, in year wise descending order).

Paper Publication: -

1. Utilization of Waste Plastic in Asphalting of Roads – A Review (Scientific Reviews & Chemical Communications, Vol.2(2), 2012, 147-157, ISSN 2277-2669)
2. An Overview on Waste Plastic Utilization in Asphalting of Roads (Journal of Engineering Research and Studies, Vol. III/ Issue II/April-June, 2012/01-05 E-ISSN 0976-7916)
3. The Economic Viability of Utilization of Waste Plastic in Road Construction. (Int. Jour. of Innovative Research in Sci, Engg. & Technology, Issue: Vol. 2(5), May 2013, 73-83 ISSN: 2319-8753)
4. Economics and Viability of Plastic Road: A Review (Journal of Current Chemical and Pharmaceutical Sciences, Issue/Vol. 3(4), 2013. Pp:231-242, ISSN: 2277-2871)
5. Thermal Integration in Multiple Effect Evaporator for Zero Steam Consumption (International Journal for Engineering Applications and Technology, Issue: 2(1), 10 Oct. 13, 138-142 ISSN: 2321-8134)
6. Production of Biodiesel & Glycerine by using Dairy Waste (International Journal for Engineering Applications and Technology, Issue: 2(1), 10 Oct. 13, 143-148 ISSN: 2321-8134)
7. Studies on Exhaust Emissions of Catalytic Coated Spark Ignition Engine with Adulterated Gasoline (Int. Jour for Engg Applications and Technology, Issue: 2(1), 10 Oct. 13, 128-132 ISSN: 2321-8134)
8. Experimental Study of Utilization of Waste Plastic in Road Construction (Int. Journal of Innovative Research in Science, Engg. & Technology, Issue: Vol. 3(1), Jan 2014, 132-144 ISSN: 2319-8753)
9. Fuel Adulteration Consequences in India: A Review (Scientific Reviews & Chemical Communications: Vol. 3(3), 2014, 161-169, ISSN 2277-2669)
10. Triple Pipe Heat Exchanger (International Journal of Modern Sciences and Engineering Technology, ISSN: 2349-3755 Issue: Vol. 1(2), 2014, 1-5)

11. Carbon Credit – Trading With Nature (International Journal of Chemical and Physical Sciences, ISSN: 2319-6602 Issue: Vol. 3(2), Mar-Apr 2014, 10-17)
12. Assessment of Air Quality Associated with Adulteration in Akola City, Maharashtra (International Journal of Engg Sciences & Research Tech., ISSN:2277-9655 Issue: Vol. 3(9), Sep.2014, 333-341)
13. Tale of A Tail-Catching The Impact of Tailpipe Exhausts Emissions with Adulterated Petrol (International Journal of Engineering Sciences & Research Technology, ISSN: 2277-9655 Vol. 7(1), Jan.2018, 403-409.)
14. Experimental analysis of gasoline adulterated with kerosene. (Mazedan Chemical Research Journal, ISSN: 2582-9505, Vol. 2(1), Pp.22-25, 2021.)
15. Analysis of ambient air quality of Akola city, Maharashtra (International Organization of Research & Development, ISSN: 2348-0831 Vol. 10(1), 2022.)
16. Study on Vehicular emissions and its effects on Health (International Journal of Interdisciplinary Innovative Research & Development, ISSN: 2456-236X Vol. 6(4), 2021.)

11. Detail of patents/Copy right : NA

12. Books/Reports/Chapters/General articles etc.

1. Utilization of Waste Plastic in Asphalting of Roads – An Innovative Technique, Lambert Academic Publishers, Germany ISBN: 978-3-8443-9992-9
2. Carbon Credit –Trade With Nature – A Key To Climate Change, Lambert Academic Publishers, Germany ISBN: 978-3-659-44359-6
3. Heat Resistant Coatings for Chemical Industries, Lambert Academic Publishers, Germany ISBN: 978-6-203-92834-1
4. ** Basics of Transport Phenomena- An Introduction, Lambert Academic Publishers, Germany
5. ** Tale of a Tail – Impact of Vehicular Pollution and Consequences of Fuel Adulteration Lambert Academic Publishers, Germany

13: Field of Expertise / Specialization: Environmental Engineering / Chemical Engineering

Date:- 09/12/2025

Dr. A. P. Gawande