

Government Polytechnic, Arvi.
Department of Chemical Engineering
Staff Profile

Name	Dr. Saphal Uttamrao Patil
Date of Birth	26 th February 1979
Place of Birth	Daryapur, Dist: Amravati
Post	Lecturer in Chemical Engineering
Qualification	B. E. Chemical Engineering M. E. Chemical Engineering Ph.D.
Date of Joining	01 December 2011



Experience:-

Total: 19 years 10 months

Teaching: 14 years 07 months

Industrial: 05 years 03 months

Sr. No.	Period From-To	Post held	Nature of post	Name of Organization	Experience
1	02.01.2006 To 30.12.2006	Project Engineer	Industrial	Finepac Structures Pvt. Ltd, Pune	01 Year
2	21.01.2007 To 02.05.2007	Project Engineer	Industrial	Intech Energy System Pvt. Ltd. Pirangoot Pune	03 Months
3	18.06.2007 To 14.08.2010	Sr. Process Engineer	Industrial	Transtech Projects Pvt. Ltd, Pune	03 Years 02 Months
4	16.08.2010 To 30.06.2011	Process Engineer	Industrial	Ziemann India Pvt. Ltd, Pune	10 Months
5	01.12.2011 To 14.07.2016	Lecturer	Teaching	Government Polytechnic Pen	04 Years 07 Months
6	15.07.2016 To Till Date	Lecturer	Teaching	Government Polytechnic Arvi	09 Years

Additional Charge Held:

Sr. No.	Period From-To	Post held	Nature of post	Name of Organization	Experience
1	2024 - 2025	Lecturer	Teaching	Chemical Engineering Department, Government Polytechnic Amravati (Usanwari)	06 Months

List of Publications: -

Sr. No.	Title of Publication	Date of Publication	Organized by	Level of publication
1	Physico-Chemical Analysis of Bhogavati River Water of Pen, District Raigad, Maharashtra, India	2014	International Journal of Chemical Engineering Research	International
2	Power Generation Using Waste Heat By Organic Rankine Cycle : A Simulation Study	2015	International Journal of Chemical Engineering Research	International

3	Physico-Chemical Assessment of Sarangpuri Lake Water of Arvi, District Wardha, Maharashtra, India	2019	International Journal for Science And Advance Research In Technology	International
4	Performance of Different Working Fluid In Power Generation From Waste Heat of DG Set Using ORC: A Simulation Study	2020	International Journal for Science And Advance Research In Technology	International
5	A Critical review of Ultrasonic Study of Oils	2023	National Conference on Advances in Physical and Chemical Research NCAPCR-2023 held on 10th-11th March 2023, SGBAU Amravati	National
6	A Comprehensive Acoustic Study of Groundnut, Soybean and Sesame oils in Amravati Region	2024	National Conference on Recent Trends in Chemical Engineering and Technology, REACT 2024 held at Laxminarayan Innovation Technological University, Nagpur on 31st March - 1st April 2024.	National
7	Refractive Index Determination of Groundnut Oil from Paratwada Village of Amravati District (M.S.), India at Various Temperatures	2024	International Journal of Research in Engineering and Science (IJRES) Volume 12, Issue 10, pp: 41-43, 2024	International
8	Study and Justification of Relationship in Between Refractive Index and Temperature of Sesame Oil from Paratwada Village of Amravati District (M.S.), India	2024	International Journal for Research Trends and Innovation(IJRTI), Volume 9, Issue 10, 182-184, 2024	International
9	Investigating the Influence of Temperature on the Refractive Index of Sesame Oil from Dhamangaon	2025	National Conference on Recent Advances in Polymer and Chemical Sciences, held at University College of Science, Mohanlal Sukhadia University, Udaipur, Rajasthan on 20th	National

	Railway, Dist: Amravati, Maharashtra		-21st January 2025	
10	Temperature effect on Refractive Index: Analyzing Groundnut Oil Properties from Dhamangaon Railway Village, District: Amravati	2025	National Conference on Emerging Trends in Science and Technology ETISAT-2024 held on 3rd - 4th January 2025 at, SGBAU Amravati.	National
11	A simulation case study on separation of IPA-Methanol-Water mixture by distillation	2026	International Journal of Creative and Open Research in Engineering and Management	International
12	Comparative Thermo-Acoustical Study of Cypermethrin and Deltamethrin in acetone at Different Temperatures	2026	Bulletin For Technology And History Journal	National

List of Books Publications: -

Sr. No.	Title of Book	Publication
01	उपयुक्तता व प्रक्रिया देखभाल UTILITIES & PLANT MAINTENANCE	MSBTE

Patent: - Nil