Curriculum Vitae

1. Name: Dr. Durgesh V. Wele

2. Designation & Department: Associate Professor, Chemical Engg.

3. Correspondence address : F/12, Pawanveer Apartment,
Maratha Nagar, Akola- 444005, Maharashtra, India

4. Email(s) and contact number(s) :weledurgesh@gmail.com, +91-9960590214

5. Date of Birth: 12/06/1978

6. Academic Qualification (Undergraduate Onwards)

Sr. No	Degree	Year	Subject	University/Institution	% of marks /CGPA
1	Ph.D.	2018	Chem. Tech	SGBAU Amravati	-
2	M.Tech	2012	Chem. Engg.	NMU Jalgaon	67.00
3	U.G.	2002	Chem Tech. (Polymer Tech.)	SGBAU Amravati	65.00

7. Ph.D thesis / M.E Dissertation title, Year of Award. : **2018**

Title: "Utilization of Fly Ash as filler for thermosetting Composites and Comparison of Thermo Mechanical Behavior of Modified and Unmodified Fly Ash Composites"

8. Work experience (in chronological order).

S.No.	Designation	Name of the Institute	From	To
1	Associate Prof	College of Engg. & Tech Akola	2021	Till date
2	Assistant Professor		2005	2021

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

S.No	Name of Award	Awarding Agency	Year
1	-	-	-

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

S. No.	Author(s)	Title	Name of Journal /Conference	ISSN/ISBN	Volume	Page	Year
1	Dr. Durgesh Wele	Nanofluids as Emerging Working Media in Mass Transfer Operations	International Journal of Interdisciplinary Innovative Research & Development (IJIIRD)	ISSN: 2456-236X	Vol. 09 Issue 02 |		2025
2		Electrochemical Pathway for CO2	International Journal of Interdisciplinary Innovative	ISSN: 2456-236X	Vol. 09 Issue 01 |		2024

		conversion into Biofuel	Research &Development (IJIIRD)				
3		Synthesis And Characterization of Bio-Fuel From Algae	International Organization of Research & Development (IORD) |	ISSN: 2348-0831	Vol 11 Issue 01		2023
4		Comparative study on thermo-mechanical properties of surface treated Fly Ash USP Composites	International journal of Engineering and science Invention,		Vol. 7 Issue 6, Ver. 5		(June-2018)
5		Influence of surface Treatment on dynamic Mechanical, Rheological, Thermal and Morphological properties of fly ash filled epoxy composites	International journal on recent & innovative trend in technology,		vol. 4, issue 4		April 2018
6		Thermo-Mechanical behavior of SLS Modified Fly Ash filled Epoxy Composites",	International journal of Engineering and Development		vol. 14, issue 7,	pp 18-22	July 2018,
7		Rheological, Thermal &	International journal of scientific		VOL. 2 Issue 6,		2018.

		Morphological Analysis of surface modified fly ash filled USP Composites	engineering and science (IJSES),				
8		Copolymerization of MMA/BA for high solid content acrylic latex applied as a binder in surface coating	Int. Journal of modern trends in engineering and sciences, vol. 4, issue 3, 2017.				
9		Synthesis and Characterization of water-based silver Nanofluid"	International Journal of Electronics, Communication and soft computing Science & Engineering (2015): 344				
10		Formulation & Characterization of Lignin Phenol Formaldehyde Resin".	International Journal of Advance Engineering Research and Studies	E-ISSN2249-8974.	Vol: 03 Issue: 2		
11		Synthesis of Alkyd Resin from Sunflower and Safflower Oil	International Journal of Plastic Institute ()		Vol: 11 No: 1		Augest-2007

11. Detail of patents/Copy right .

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status

1	**"Biogel based on ketonized hydroxyoleic acid and free lean acid"**	Dr. Durgesh Wele	**515/MUM/ 2015**	=		
2	**"Lubricating Gel from Polyolefinic Waste"**	Dr. Durgesh Wele	**512/MUM/ 2002**	=		
3	"**Innovative route for the synthesis of C-1 Chain compounds from Carbon dioxide reduction"**	Dr. Durgesh Wele		=		

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

S.No	Title	Author's Name	Publisher	Year of Publication

13: Field of Expertise / Specialization.

- **Renewable Energy & Bio- Fuels,**

Date and Sign