

# CURRICULUM VITAE

**Drs. SHUBHANGI JAGDISH KENE**

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## EDUCATIONAL QUALIFICATIONS:

Degree	College/School	Board/University	Year of Passing	Division
Ph. D.	Institute of Science, Nagpur	Nagpur University	December 2017	
M. Sc. (CHEMISTRY)	Institute of Science, Nagpur	Nagpur University	Summer 2007	1 <sup>st</sup>
B. Sc. (P.C.M.)	Mohata Science College. Nagpur	Nagpur University	Summer 2003	1 <sup>st</sup>
B. Ed. (Math & Chemistry)	General Awari Adhyapak Mahavidyalaya, Nagpur	Nagpur University	Summer 2006	1 <sup>st</sup>
H.S.S.C.	Vidarbha Buniyadi High School, Nagpur.	Maharashtra State Board	Feb 2000	1 <sup>st</sup>
S.S.C.	Pragat High School Vihirgaon.	Maharashtra State Board	March 1998	1 <sup>st</sup>

**Ph. D. TITLE:** “Structural, Electrical and Thermal Studies of Newly Synthesized Polymeric Resin”

## TEACHING EXPERIENCE: -

1) U. G.: 10 Years, Science College, Nagpur

2) P. G.: 04 Years

**Citations** 51

**h-index** 4

**i10-index** 3

## RESEARCH PAPERS PUBLISHED IN JOURNALS:

- 1) “Synthesis and semi conducting behavior of the ter-polyligand derived from p-hydroxyacetophenone, quinhedrone and melamine”, Journal of Chemical and Pharmaceutical Research 4 (3), 1734-1739
- 2) “Semiconducting behavior and thermal study of terpolymeric resin derived from p-nitrophenol, resorcinol and formaldehyde”, Arch. Appl. Sci. Res 4 (3), 1502-1510.
- 3) “Structural and thermokinetic study of resin-I derived from phydroxyacetophenone quinhedrone and melamine”, Journal of Der Pharma Chemica 4 (1), 460-467.
- 4) “Synthesis, semiconducting behavior and thermal study of terpolymeric resin derived from p-hydroxyacetophenone, resorcinol and glycerol”, Arch. Appl. Sci. Res 5 (6), 88-95
- 5) “Synthesis and structural study of the terpolymer derived from p-hydroxybenzaldehyde, terephthalic acid and ethylene glycol”, International Journal of researches in Biosciences, Agriculture & Technology.
- 6) “Synthesis And Thermal Study of Terpolymeric Resin Derived From P-Hydroxyacetophenone, Resorcinol And Glycerol”, International Journal of researches in Biosciences, Agriculture & Technology.

- 7) “Comparative Thermokinetics Study of Terpolymeric Resins derived from p-Hydroxyacetophenone, Resorcinol and Glycerol”, Research Journal of Chemical Sciences.
- 8) “Study of chelating ion-exchange properties and electrical conductivity of terpolymer resins derived from p-Hydroxyacetophenone, Resorcinol and Glycerol”, AIP Conference Proceedings.

#### PAPER PRESENTATION IN CONFERENCES:

Title of the Paper	Title of Conference/ Seminar	Organized by	Whether International/ National level	Date
Thermokinetic study of polymer derived from EDTA and melamine (MEDT)	International Conference of Advance Sustainable Futuristic Materials	Kamla Nehru Mahavidyalaya, Nagpur	International Conference	April 26-27, 2024
Impact of global warming and climate change	Environment and sustainable development: perspective and issues (ISESD-2024)	Faculty of science govt. shyama Prasad mukharjee college sitapure surbhuj, chhattisgarh, India	International Conference	Feb 10 <sup>th</sup> - 11 <sup>th</sup> , 2024
Comparative Study Of Ion Exchange Resin Derived From The P-Hydroxyacetophenone, Resorcinol And Glycerol.	Advanced Functional Material (Afm-2020)	Kamala Nehru Mahavidyalaya In Association With (ACT)	International Conference	January 23- 25, 2020
Chelating ion-exchange properties of terpolymer resin	Appropriate technology for sustainable development	JD college engineering and management	International Conference	March 28, 2018
Comparative Thermokinetics Study of Terpolymeric Resins derived from p-Hydroxyacetophenone, Resorcinol and Glycerol	Application of advanced materials for sustainable development	Dr. Ambedkar college in association with CSIR-NEERI	International Conference	January 17- 18, 2014
Study on Water Analysis	Current Advancements in Material Science and Green Chemistry (CAMSGC-2025)	Shri Sadguru Gangagir Maharaj Science College, Ahilyanagar	National Conference	Feb. 8, 2025
A case study on how to remove green algae from water tank	National Conference on Innovation in Science and Technology for Sustainable Development (ISTSD-2025)	Jawaharlal Nehru Arts, Commerce & Science College, Wadi, Nagpur.	National Conference	Feb. 22, 2025
Study of Sewage Water Produced By Sewage Treatment Plant	National Conference on Multidisciplinary Research & Studies	Jawaharlal Nehru Arts, Commerce & Science College, Wadi, Nagpur.	National Conference	March 20, 2024

Scope of non-linearity and thermodynamic stability for stationary Spatial structure	The Indian Science Congress Association	Rashtrasant Tukadoji Maharaj Nagpur University	National Conference	January 3 - 7 2023
Chelating properties of terpolymer resins derived from p-hydroxyacetyophenone, resosenol and glycerol.	National Conference on multi-functional Advanced materials'' (NCMAM_2017)	Kamala Nehru Mahavidyalya	National Conference	March 17-18 2017
Synthesis, semiconducting behavior and thermal study of terpolymeric resin derived from p-hydroxyacetophenone, resorcinol and glycerol	Recent developments in Eco-friendly materials'' ECOMAT-2013	Institute of science Nagpur	National Conference	September 28- 29, 2013
Synthesis of terpolymer by using EDTA, melamine and glycerol	Resent advances in polymer technology	Department of chemical technology, north maharastra university, Jalgaon .	National Conference	March 2-3, 2012
Advanced technologies in material science and their applications	Synthesis and structural study of ter-polyligands derived from p-nitrophenol & formaldehyde.	Department of physics & chemistry arts. Commerce and science college, arvi. Dist. wardha	National Conference	March 6, 2011

#### Faculty Development Program Attained:

Title of FDP	Organization	FDP/Workshop	Dates
Intellectual Property Rights, Copyright And Patents	IQAC, RAC & Department Of Chemistry In Collaboration With Incubein, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	One Week Faculty Development Programme	13-18 <sup>th</sup> JANUARY 2025
UGC Sponsored Online Faculty Induction Program	Malaviya Mission Teacher Training Centre( UGC)	Online Two week Faculty Induction Program	7 <sup>th</sup> August To 6 <sup>th</sup> September 2024
Water Quality: Testing and data management	CSIR-National environmental engineering research institute(CSIR-NEERI)	Workshop	11-13-Oct 2023
NPTEL Course on Analytical Chemistry	AICTE Delhi	FDP	July – October 2023
Nuclear waste management	St. Vincent Pallotti College of Engineering & Technology Gavsi Manapur, Wardha Road, Nagpur	Workshop	19 November 2011

**College Responsibilities:**    1) **Coordinator PG (Chemistry)**  
                                         2) **Worked in PG Admission Committee**

**Dr. Mrs. S. J. Kene**

(Assistant Professor)