**Resume**

Dr Rupali Narendra Agme

B304 Satyam CHS, Plot 88, Sector 19

Kharghar Navi Mumbai

30/07/1987

Female

[rupali.agme@rait.ac.in](mailto:rupali.agme@rait.ac.in), rupali.agme@gmail.com

Mobile: 9833621670

**Objective:**

Dedicated, enthusiastic individual with outstanding academic, communication, organizational, and people skills and a passion for teaching in technology.

**Education: Ph.D.**

Chemistry

S.R.T.M.U., Nanded

Maharashtra

June 2022

**M.Sc. (Inorganic Chemistry)**

S.G.B.A.U. Amravati

Maharashtra

May 2009

**Teaching Experience: 15 years (Total)**

Ramrao Adik Institute of Technology,

Nerul Navi Mumbai, Maharashtra

Assistant Professor

Engineering Sciences

2012 to Present

**Responsibilities**

* Develop and deliver Engineering Chemistry curriculum, incorporating innovative teaching methods and technologies to enhance student engagement and comprehension.
* Departmental Coordinator for DCF in the subject of Applied Chemistry I & II for the Department of Engineering Sciences R.A.I.T, Nerul.
* Departmental Coordinator for LMS implementation of Applied Chemistry I & II subjects for the Department of Engineering Sciences R.A.I.T, Nerul.
* NAAC coordinator for the Department of Engineering Sciences R.A.I.T, Nerul for Chemistry section.
* Member of Board of Studies and Syllabus Setting Committee of Ramrao Adik Institute of Technology, D. Y Patil Deemed to be University, Nerul Navi Mumbai.
* Conduct lectures, seminars, and discussions, fostering critical thinking and encouraging active student participation.
* Create and assess assignments, exams, and projects, providing constructive feedback to facilitate student growth and learning.
* Supervise undergraduate student research projects, guiding students in their exploration of Engineering Chemistry
* Mentor and advise students on academic and career matters, supporting their personal and professional development.
* Collaborate with colleagues on research projects, contributing to the advancement of knowledge in Engineering Chemistry
* Publish research findings in reputable peer-reviewed journals and present at conferences.
* Minor Research Project Grant sanctioned and funded by University of Mumbai in 2014-15
* Minor Research Project Grant sanctioned and funded by University of Mumbai in 2019-20 (2 projects sanctioned one as principal investigator and second as co-investigator)
* Research Project Grant sanctioned and funded by D. Y. Patil Deemed to be University, Navi Mumbai.

**Additional Teaching Experience**

Prabhakar Patil Education Society

Khalapur, Maharashtra

Lecturer

Department: Applied Sciences Year: 2009 to 2012

**Responsibilities**

* Taught courses such as Engineering Chemistry, Engineering Materials, Materials in Construction and Environmental Studies
* Facilitated class discussions, encouraged critical thinking, and mentored students in their academic pursuits.
* Developed and revised course materials to align with evolving academic standards and industry trends.
* Advised and guided students in their research projects, resulting in several published works and successful thesis defences

**Significant Achievements**

* Awarded by management of RAIT for Excellent Performance & Contribution to Research and Development work during academic year 2014-15.
* Awarded by management of RAIT for Contribution to Department 2016-17.
* Minor Research Project Grant sanctioned and funded by University of Mumbai in 2014-15
* Minor Research Project Grant sanctioned and funded by University of Mumbai in 2019-20 (2 projects sanctioned one as principal investigator and second as co-investigator)
* Research Project Grant sanctioned and funded by D. Y. Patil Deemed to be University, Navi Mumbai.
* Nomination as Subject Expert/Member of the Selection Board for interview for

Direct Recruitment to KVS.

**Responsibilities**

* Lead researcher in the Pharmaceutical chemistry, Green chemistry.
* Design and implement experiments, collect and analyze data, and interpret research findings.
* Publish research papers in esteemed journals, presenting at national and international conferences.

**Professional Memberships:**

* [Professional Membership Organization], [Year - Present]
* [Professional Membership Organization], [Year - Present]

**Skills:**

* Excellent verbal and written communication skills
* Strong research and analytical abilities
* Effective leadership and mentoring skills
* Extensive knowledge of Pharmaceutical and Green Chemistry
* Detail-oriented and organized approach

**Publications:**

* 16 Papers published in international journals.
* 2 Books published on Engineering Chemistry from reputed Oxford University Press.
* 1 Book published on Research Methodology.
* 1 Book published on Environmental studies.
* 2 Patent (Provisional) Publications

**Research Grants:**

(Attach list of Projects that received Research Grants, Period, Source, their status of utilisation, and whether Utilisation Certificate has been issued.)

* Minor Research Project Grant sanctioned (Rs 35000/-) and funded by University of Mumbai in 2014-15
* Minor Research Project Grant sanctioned (Rs 40000/) as Principal Investigator and funded by University of Mumbai in 2019-20
* Minor Research Project Grant sanctioned (Rs 45000/-) as Co-investigator) and funded by University of Mumbai in 2019-20

**References:**

1. Dr. Sangita Makone, Professor, School of Chemical Sciences, SRTMU, Nanded.
2. Dr Arpita Palchoudhury, Head, Department of Engineering Sciences, RAIT
3. Dr. Vaishali Ghodke, Assistant Professor, Department of Applied Sciences, BVCOE, Kharghar,