

CURRICULUM VITAE

NAME: Dr. RUCHA RAHUL PURANDARE

- ACADEMIC QUALIFICATIONS:

Sr. No.	Name of the exam	Year of Passing	Name of Board/University	Percentage
1	Ph.D.	2018	Savitribai Phule Pune University	
2	M.Phil	2008	Madurai Kamaraj University	58%
3	M.Sc(Organic Chemistry)	2005	Amravati University	66.9%
4	B.Sc	2002	Amravati University	60.22%
5	H.S.S.C	1999	Amravati Divisional Board	62.33%
6	S.S.C	1997	Nagpur Divisional Board	76.4%

- LIST OF CONFERENCES / SEMINARS/ WORKSHOPS ATTENDED:

1. State level Conference on Environment, 4th February, 2007
2. National Conference on Green Chemistry and Its Perspectives, Amravati, 11th & 12th February, 2008.
3. National Seminar on Current Trends in Chemical Sciences Research, Akola, 28th March, 2008.
4. National Conference on Materials for Electronic Applications, Pune, 30th, 31st January & 1st February, 2014.
5. National Workshop on Scientific/Research Paper Writing, Pune, 16th & 17th December, 2014.
6. National Conference on Inter- and Intra- Disciplinary blend of Chemical Engineering, Chemix'15, VNIT, Nagpur, 28th & 29th March, 2015.
7. National Conference on Technical Revolution, Pune, 12th & 13th February, 2016
8. National Conference on Advanced Materials and Applications, Pune, 4th & 5th March, 2016
9. International Conference on Material Science and Technology, Pala, Kottayam, Kerala, 5th to 8th June, 2016
10. Workshop on 'Academic Book writing & Related Topics', organized by Springer Nature, 13th May 2020
11. International Conference on Multifunctional Electronic and Processing, C-MET, Pune, 8th to 10th March 2021
12. National Webinar on 'Recent Outcomes in Materials Chemistry', KVR, KVR & MKR college, Khajipalem, 30th March 2021

- PAPER PRESENTATIONS:

1. Synthesis of *S*- hepta-*O*-benzoyl-lactosyl aryldithiocarbamates.
R. P. Puranik, G. V. Korpe
National Conference on Green Chemistry and Its Perspectives, Amravati,
February 11-12, 2008.
2. Effect of addition of B₂O₃ on dielectric properties of BMN, BZN, BMNT and BZNT.
R. R. Purandare, N. S. Saraf, M.Y. Khaladkar
National Conference on Materials for Electronic Applications, Pune, 30th, 31st January &
1st February, 2014.
3. Comparative Study of Yttria Stabilized Zirconia Prepared by Co-Precipitation Method
Using Various Precursors and its Potential as Gas Sensor.
R. R. Purandare, M.Y.Khaladkar
National Conference on Inter- and intra- Disciplinary blend of Chemical Engineering,
Chemix'15, VNIT, Nagpur, 28th & 29th March, 2015.
4. Kinetics of decomposition of strontium doped YSZ; X-ray characterization and gas sensing
potential of the end product.
R. R. Purandare, M.Y.Khaladkar
International Conference on Material Science and Technology, Pala, Kottayam, Kerala, 5th
to 8th June, 2016

- PUBLICATIONS:

1. Systematic Study of Reaction Involved In Formation of Barium Magnesium Tantalate
When Synthesized By Solid State Route.
N.Saraf, R.V.Kashalkar, M.Y.Khaladkar, I.S.Mulla, **R. Purandare**
International Journal of Innovative Research in Science, Engineering and Technology,
Vol. 3, Issue 6, (14084-14089) June 2014
2. Effect of addition of B₂O₃ on dielectric properties of BMN, BZN, BMNT and BZNT.
M.Y. Khaladkar, N. S. Saraf, **R. R. Purandare**
International Journal of Innovative Research in Science, Engineering and Technology,
Vol. 3, Issue 6, (14072-14078) June 2014
3. Comparative Study of Yttria Stabilized Zirconia Prepared by Co-precipitation Method
using Various Precursors and its Potential as Gas Sensor.
M.Y.Khaladkar, **R. R. Purandare**
International Journal of Research in Chemistry and Environment, Vol. 6 Issue 2 (14-17),
April 2016
4. Gas Sensing Potential of Strontia doped Yttria Stabilized Zirconia
R. R. Purandare, M.Y.Khaladkar
International Journal of Engineering and Technology, Vol. 9 Issue 2 (1187-1195),
April 2017

- TEACHING EXPERIENCE:

Sr.No.	Name of the Organization/Institute	Name of the post held	Total Experience
1	Modern College of Arts, Science & Commerce, Ganeshkhind, Pune	Assistant Professor (Adhoc)	17 th July 2019 till date
2	College of Engineering, Pune.	Adjunct Faculty in Chemistry	One semester
3	Muktangan Exploratory Science Center, Pune,	Chemistry teacher	Two years
4	R.L.T. Science College, Akola.	Clock Hour Basis Lecturer	Two years

- RESEARCH EXPERIENCE:

Sr. No.	Title	Total Experience
1	Project Assistant on ISRO-UoP STC sponsored project: “Stabilization of zirconia for electronic applications, in tetragonal and cubic structure using various dopants”	Two years (15th July 2014 to 31st August 2016)
2	Doctoral Research: Thesis title – “Synthesis of translucent zirconia and its selected applications for sensors for VOCs and explosives”	Date of Registration: 1st March 2013 Date of Declaration : 5th June 2018
3	M.Phil Dissertation Research: Synthesis of <i>S</i> -hepta- <i>O</i> -benzoyl-lactosyl arylthiocarbamates	Two years (2007 to 2009)

- COMPUTER AWARENESS:

Diploma in Information Technology from C-DAC (‘A’ grade)

I hereby declare that all the above information is correct to the best of my knowledge.

Place : Pune

Date :

(Rucha. R. Purandare)