

‘Curriculum Vitae’

Mr. Rahul AgnuKalel,

(M.Sc, NET, GATE, PhD pursuing)
Assistant Professor,
Department of Chemistry,
Vivekanand College (Autonomous),
Kolhapur-416 003



Contact Details:

Mr. Rahul AgnuKalel

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Email ID: rahulkalel89@gmail.com

Present status:

Assistant Professor,
Dept. of Chemistry,
VivekanandCollege (Autonomous),
Kolhapur

Address (Residence):

A/P: Hol, Tal: Baramati,
Dist: Pune.
Pin No. – 412306

Date and Place of Birth:

August 03, 1989,
A/P: Hol, Tal: Baramati,
Dist: Pune.
Pin No. – 412306

Category:

O.B.C. (Hindu-Lonari) (183)

Nationality:

Indian

Marital Status:

Married

Academic Qualifications:

M. Sc (Analytical Chemistry)(2012)
CSIR-NET (2012) with AIR-22

Teaching Experience:

2.7 Years

Research Experience:

3 Years

Research Profile:

RG Score: **9.06**

Citations: **08**

h-index: **02**

Area of Interest:

Photochemistry,
Fluorescence Spectroscopy
Development of bio-sensor,
Organic Spectroscopy,
Drug Sequestration from Bio-molecules,
Supramolecular Chemistry,
Catalysis

Position held:

Position Held	Organization	Period	Nature of Work
Assistant Professor	Swami VivekanandShikshanSanstha's, Vivekanand college (Autonomous), Kolhapur,	June.2016 -ongoing	Teaching and Research (UG and PG Level)
Senior Research Fellow (SRF)	BARC, Mumbai.	Feb.2014 - June.2016	Research Work
Junior Research Fellow (JRF)	BARC, Mumbai	Oct.2012 - Feb.2014	Research Work

Awards:

1. Junior Research Fellow (JRF) by CSIR, New Delhi, (Dec. 2012)- All India Rank- 22
2. Junior Research Fellow (JRF) by BARC-SPPU, Mumbai, (Oct. 2012)
3. Senior Research Fellow (SRF) by BARC-SPPU, Mumbai, (Oct. 2014)

Particulars of Seminars/Conferences/symposia/workshop participated/Attended:

Name of the Seminar/ Conference/Symposia Workshop, etc.	Name of the Sponsoring Agency	Place and Date
A: International Conference:		
Trombay symposium on Radiation and Photochemistry and Asian Pacific symposium on Radiation Chemistry (TSRP-APSRC-2016)	ISRAP's and BRNS	BARC, Mumbai 05/01/2016-09/01/2016
B: National Conference:		
National symposium on Radiation and Photochemistry (NSRP-2015)	ISRAP's and BRNS	IIT, Kanpur 09/03/2015-11/02/2015
NAAC Sponsored One Day National Seminar on "Development of Quality Culture in HEIs"	NAAC	Vivekanand college, Kolhapur 15/03/2019.
C: Workshops:		
One day workshop on "Research Methodology"	Shivaji University, Kolhapur	Shahaji Law College, Kolhapur 14/10/2016
One day workshop on "The study of Heterocyclic Compounds"	Shivaji University, Kolhapur	ShriShahajiChhatrapati College, Kolhapur 14/10/2016
One day workshop on "Metallography of Cast Iron & Steel"	Vivekanand college, Kolhapur	Vivekanand college, Kolhapur 20/03/2017
One day workshop on "Calligraphy"	Vivekanand college, Kolhapur	Vivekanand college, Kolhapur 21/03/2017
One day workshop on "HOW TO FACE THE UGC VERIFICATION COMMITTEE FOR AUTONOMY "	Vivekanand college, Kolhapur	IQAC, Vivekanand college, Kolhapur 01/12/2017
One day workshop on "Recent Development in Chemistry"	Shivaji University, Kolhapur	R. C. Shahu College, Kolhapur 24/01/2018
One day workshop on "ICT Enabled Automation for Higher Education Institutions"	MasterSoft EPR Solution Pvt. Ltd., Nagpur	Vivekanand college, Kolhapur 08/02/2018
One day workshop on "UNDERSTANDING THE THREE FORTH OF THE EARTH (OCEAN)"	NIO, GOA & Bhartiya Jalsanskriti Mandal, Kolhapur	Vivekanand college, Kolhapur 13/10/2018
One day workshop on "INTELLECTUAL PROPERTY RIGHTS AND DRAFTING PATENTS"	Vivekanand college, Kolhapur	IQAC, Vivekanand college, Kolhapur 19/02/2019
Two day workshop on "e-Content Development for Enhancing Pedagogical Skills"	Vivekanand college, Kolhapur	IQAC and Department of Computer Science, Vivekanand college, Kolhapur 18-19/03/2019
D: Training program:		
Faculty Development programme on "Education in Universal Human Values"	UGC-HRDC, Savitribai Phule Pune University, Pune.	Bahai Academy, Shivajinagar, Panchgani, satara. 01/08/2018-07/08/2018

Administrative Responsibilities:

1. **BOS member in Chemistry** of Vivekanand College (Autonomous), Kolhapur
2. Member of College Research and recognition committee
3. Member of **B.Sc.-III admission** Committee
4. Member of College **NAAC steering Committee**
5. Teacher in charge of Departmental Time-table
6. Teacher in charge of B. Sc.-III (Chemistry) & M. Sc-II (Organic chemistry) Project.
7. Coordinator of All the Chemistry Departmental Activity from June-2018.
8. Co-coordinator of New Add -on-course on “**Human Values**” from June-2018.
9. Coordinator of “**Soil and Water Analysis**” Course run by Department of Chemistry
10. BOS member of “Human Value” Course for B.A.-II.

List of Publications:

A. International Journals:

1. **Rahul Kalel**, Aruna Mora, Rajib Ghosh, Dilip Dhavale, Dipak Palit, Sukhendu Nath* “Interaction of a Julolidine-Based Neutral Ultrafast Molecular Rotor with Natural DNA: Spectroscopic and Molecular Docking Studies” in *J. Phys. Chem. B*, 2016, PP 9843-9853 (Impact Factor = **3.391**)
2. **Rahul Kalel**, Aruna Mora, Birija Partho, Dipak Palit, Sukhendu Nath* “Synergetic enhancement in drug sequestration power of surfactant with reduced cytotoxicity” in *Phys. Chem. Chem. Phys.* 2017, 19(37) 25446-25455 (Impact Factor = **3.906**)
3. Mora A. K., Basu A, **Kalel R.**, Nath, S. “Polymer assisted drug sequestration from plasma protein by surfactant with curtailed denaturing capacity”. (*Phys. Chem. Chem. Phys.*, 2019, 21, 7127-7136) (Impact Factor = **3.906**)
4. D. S. Gaikwad, K. A. Undale, **R. A. Kalel**, D. B. Patil “Acacia Concinna Pods: A Natural and New Bioreductant for palladium Nanoparticles and its application to Suzuki-Miyaura Coupling.” (communicated)

B. International and National Conferences:

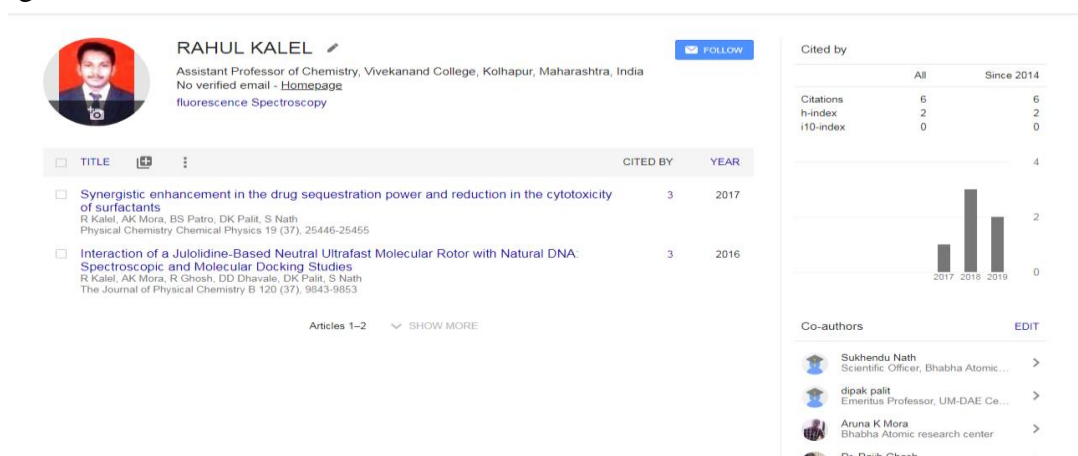
1. **Rahul Kalel**, Aruna K. Mora, Rajib Ghosh, Sukhendu Nath*, Dipak K. Palit “Dicyano-vinyl Julolidine (DCVJ): An Ultrafast molecular rotor based DNA sensor” March 05-09, 2015. IIT-Kanpur, India

2. **Rahul Kalel**, Aruna K. Mora, DilipDhavale, Dipak K. Palit, SukhenduNath* “ULTRAFAST MOLECULAR ROTOR BASED TERNARY COMPLEX: A “TURN-ON” FLUORESCENCE SENSOR FOR HYDROCARBONS” Feb 09-11, 2016. BARC, Mumbai, India.

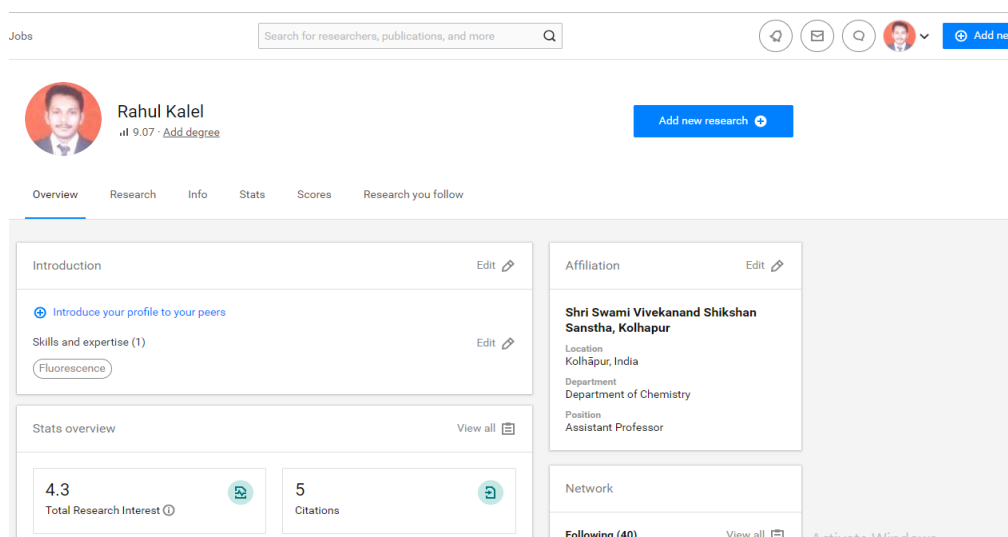
C. Conference Proceeding:

1. **Rahul Kalel**, Aruna Mora, BirijaPartho, DipakPalit, SukhenduNath* “ENHANCED DRUG SEQUESTRATION POWER WITH REDUCED CYTOTOXICITY OF SURFACTANT IN SUPRAMOLECULAR ASSEMBLIES” TSRP-2018, BARC, Mumbai.

Google Scholar Profile:



Research Gate Profile:



Place: Kolhapur
Date: 01/04/2019

Mr. Rahul A. Kalel.