

'Curriculum Vitae'

Dr. Rahul Agnu Kalel,

(M.Sc, SET, NET, GATE, PhD)

Assistant Professor,
Department of Chemistry,
PDVP Mahavidhyala, Tasgaon Dist.-Sangli.
Maharashtra-416 312



Contact Details:

Dr. Rahul Agnu Kalel

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Present status:

Assistant Professor,
Dept. of Chemistry,
PDVP Mahavidhyalaya, Tasgaon
Sangli- 416 312

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

MH-SET-2019.

PhD – Dec.-2020

Teaching Experience:

5.6 Years

Research Experience:

5 Years

Research Profile:

RG Score: **10.06**

Citations: **27**

h-index: **03**

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 Vivekanand Shikshan Sanstha's, Vivekanand college (Autonomous), Kolhapur,	June.2016 – Nov.- 2021	Teaching and Research (UG and PG Level)
Assistant Professor	Swami Vivekanand Shikshan Sanstha's, PDVP Mahavidhyalay, Tasgaon. Dist.- Sangli	Nov.-2021 -Ongoing	Teaching and Research (UG 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
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	Shri Shahaji Chhatrapati 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
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. **CAP Director**, Shivaji University, Kolhapur (B.Sc-II Sem.-III & IV and B. Voc.- II & III, Sem.- II to VI Foundary Technology, Food processing & Mangement, March / April-2019) – Kolhapur District region
2. **BOS member in Chemistry** of Vivekanand College (Autonomous), Kolhapur
3. Member of College **Research and recognition committee**
4. Member of **B.Sc.-III admission** Committee
5. Member of College **NAAC steering Committee**
6. Teacher in charge of Departmental Time-table
7. Teacher in charge of B. Sc.-III (Chemistry) & M. Sc-II (Organic chemistry) Project.
8. Coordinator of All the Chemistry Departmental Activity from June-2018 – Nov.-2021.
9. Co-coordinator of New Add -on-course on “**Human Values**” from June-2018.
10. Coordinator of “**Soil and Water Analysis**” Course run by Department of Chemistry
11. 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 = **3.912**)
3. Mora A. K., Basu A, **Rahul Kalel**, Nath, S. “Polymer assisted drug sequestration from plasma protein by surfactant with curtailed denaturing capacity”. (Accepted at *Phys. Chem. Chem. Phys.*) (Impact Factor = **3.912**)
4. D. S. Gaikwad, K. A. Undale, **R. A. Kalel**, D. B. Patil “Acacia Concinna Pods: A Natural and New Bioreductant for palladium Nanoparticlaes and its application to Suzuki-Miyaura Coupling.” (*the journal of Iranian chemical society*) (Impact Factor = **2.12**)

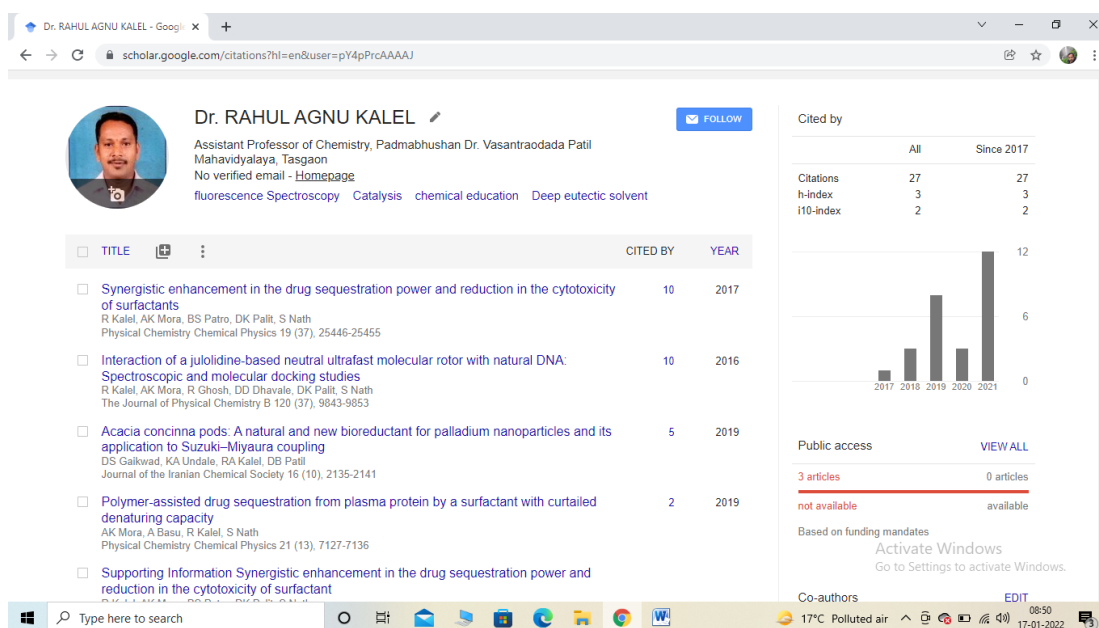
B. International and National Conferences:

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, Dilip Dhavale, Dipak K. Palit, Sukhendu Nath* “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, Birija Partho, Dipak Palit, Sukhendu Nath* “ENHANCED DRUG SEQUESTRATION POWER WITH REDUCED CYTOTOXICITY OF SURFACTANT IN SUPRAMOLECULAR ASSEMBLIES” TSRP-2018, BARC, Mumbai.

Google Scholar Profile:



Research Gate Profile:

The screenshot shows a web browser window displaying the ResearchGate profile of Dr-Rahul Kalel. The browser's address bar shows the URL `researchgate.net/profile/Dr-Rahul-Kalel`. The profile header includes a circular profile picture, the name **Dr-Rahul Kalel**, a h-index of 10.06, a PhD degree, and a link to [Edit your information](#). Below the header are navigation tabs for Overview, Research, Experience, Stats, Scores, Following, and Saved List. The main content area is divided into two columns. The left column features a 'Business card' section with a preview of the profile information, including the name, title, institution, and skills. The right column shows the 'Current affiliation' section, which lists the institution as **Shri Swami Vivekanand Shikshan Sansthas Padmabhushan Dr. Vasantrodada Patil Mahavidyalaya Tasgaon, Dist. Sangli** and the position as **Assistant Professor**. A dashed box highlights a section for adding missing details about the affiliation. The Windows taskbar at the bottom shows the system tray with the date 17-01-2022 and time 08:52.

Place: Tasgaon

Dr. Rahul A. Kalel.