

Curriculum Vitae

Dr. Manoj Kumar Banjare

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Postal Address and	: C/O Rajendra Prasad Tandon,
Permanent Address	G-37, Sector 3, Ekta Nagar, Gudhiyari, Raipur, Chhattisgarh 492009, (India)
Mobile	: +91-9827768119, +91-7987152388
Date of Birth	: 29-06-1989
Nationality	: Indian
Category	: Scheduled Cast (SC)

Personal Profile

Education

Ph. D. **Title:** Effect of Ionic Liquids on Physicochemical Properties of Micellar System and Nanoparticles.
(2015-2019)

Guide Name: Prof. Kallol Kumar Ghosh

Institute/Organization/University: School of Studies in Chemistry,
Pt. Ravishankar Shukla University, Raipur, Chhattisgarh (India) 492 010

Submission: 04-10-2018, **Awardees: 02-03-2019**

M.Sc. : Chemistry (First class) 67.28%
(2010-2012) S.O.S. in Chemistry, PRSU Raipur (C.G.)

B.Sc. : Chemistry, Botany, Zoology (First class) 60.55%
(2007-2010) G.N.P.G. Science college Raipur (C.G.)

Intermediate (12th) : Chemistry, Biology, Physics (First class) 65.00%
(2006) G.H.S.S. Bhanwarpur, Mahasamund (C.G.)

10th : CGBSE Course (First class) 60.11%
(2004) G.H.S.S. Bhanwarpur, Mahasamund (C.G.)

PGDCA : Padmadevi Institute of Technology Engineering Purani basti
(2011) Raipur Makhanlal Chaturvedi University Bhopal(M.P.)

Tally : Innovation Information Raipur

Accountant (Tatya Para), Reserve Information Technology & Employment
(2010) Society(C.G.)

Fellowship

Junior Research Fellowship/Lectureship	: Chemical Sciences
National Eligibility Test (NET) (June 2018)	Council of Scientific and Industrial Research, New Delhi, India
Graduate Aptitude Test in Engineering (GATE) Fellowship (2013)	: Chemistry Ministry of Human Resource Development, India Score: 195/239

Teaching/ Research Experience

Teaching	: 27-08-2013	to	Till Now
Research	: 1-08-2014	to	Till Now
Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant			
International	: 02		
National	: 02		
State	: 01		

Special Training / Short Term Courses

Attended (7Days)

National	: 02
International	: 00
Editors	: 02
Advisory Board Members	: 05
Reviewers	: 15

Society Membership

Life Time	: 01
Annual	: 02

Publication (SCI & UGC Journals)

International	: 18 (ACS 02, RSC 03, Elsevier 08, Springer 03)
National	: 01
Conferences	: 01
Communicated	: 08
Total publication	: 20

Conferences Attendee

Oral	: 13
Poster	: 08
Corroboration	: 11
Total	: 32

Workshop Attended : 10

Other Activity: Symposium/Workshop : 09

Attending**Ph.D. Supervisor**

Completed : 00

Ongoing : 01

M.Sc. Dissertation Supervisor

Completed : 02

Ongoing : 08

Professional Skills**Experimental**

- ✓ Handling of vacuum equipments such as rotary pumps, oil diffusion pumps, turbo pumps, and vacuum chambers etc.
 - ✓ Experienced in steady state fluorescence spectroscopy, UV-visible spectroscopy, Dynamic light Scatterinng, and **1D and 2D NMR, FT-IR**, Surface Tensiometer (Jencon India)
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Personal profile site

Research gate : https://www.researchgate.net/profile/Manoj_Banjare5

Orcid ID : <https://orcid.org/0000-0001-5779-0355>

Scopus Author Id: : 57194567865

Researcher ID: : O-6413-2018

Mendeley : <https://www.mendeley.com/profiles/manoj-kumar-banjare/>

Publons : <https://publons.com/dashboard/summary/>

Research Skills

- ❖ Proficiency in presentations, paper writing, project conception and implementation.
- ❖ Operation and maintenance of nuclear magnetic resonance (NMR) facility at the Department of Chemistry, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. Solved more than 50 chemical structures.

Research Interests

- | | | |
|--------------------------|-------------------------|-----------------------------|
| ❖ Ionic liquids | ❖ Nanomaterials | ❖ DNA and RNA |
| ❖ Deep eutectic solvents | ❖ Antidepressants drugs | ❖ Organic solvents |
| ❖ Cyclodextrins | ❖ Surfactants | ❖ Supra-molecular chemistry |
| ❖ Proteins | ❖ Alzheimer Drugs | ❖ Dyes |
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Personal Characteristics

- Excellent interpersonal skills
 - Well suited for independent projects as well as group tasks.
 - Intention to relentlessly pursue the process of learning.
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Short Biography:

Dr. Manoj Kumar Banjare was awarded a Ph.D. in 2019 at Pt. Ravishankar Shukla University, Department of chemistry, Raipur, Chhattisgarh, India. At present he is a faculty member in the Department of Chemistry, MATS University Raipur, Chhattisgarh, India. His qualified Junior Research Fellowship (JRF)/ Lectureship (LS) National Eligibility Test (NET) and Graduate Aptitude Test in Engineering (GATE) examination. His 6 years Research and 3 years Teaching Experience in various Government/Private Institution/University. His research is focused on surface chemistry, ionic liquids, deep eutectic solvents, nanomaterials, self assembly of cyclodextrins and physicochemical properties of surfactants. He is an author of 20 articles in reputed scientific journals viz America Chemical Society (ACS), Royal society of chemistry (RSC), Elsevier, Springer, Wiley and 21 presentations (Oral/Poster) at National/International Conferences and his received 5 best presentation awards. He is a recipient of the Young Scientist Award (Professor Santi Ranjan Palit Memorial Award) for 2019 years from the Indian Chemical Society of India (56th Annual Convention of Chemist 2019 & International Conference on Recent Trend in Chemical Sciences).

DECLARATION

I hereby declare that the particulars furnished above are true and correct to the best of my knowledge.

Place : Raipur

Date : 15/10/2020



Dr. Manoj Kumar Banjare
(Signature of the Applicant)