



# Government College, Kekri

## Faculty Profile

1. Name: RAJANI
2. Designation: ASSISTANT PROFESSOR
3. Department: GOVT. COLLEGE, KEKRI
4. Educational Qualification:



Level	Name of University/Board	Year	Title/ Remark/ Medal
X	RAJASTHAN BOARD OF SEC. EDU., AJMER	2010	1 <sup>ST</sup>
XII	RAJASTHAN BOARD OF SEC. EDU., AJMER	2012	1 <sup>ST</sup>
B.Sc.	UNIVERSITY OF RAJASTHAN, JAIPUR	2015	1st
M.Sc.	RRBMU, ALWAR	2017	1st
JRF NET	JOINT CSIR UGC	2020	PASSED
Ph.D.	UNIVERSITY OF RAJASTHAN, JAIPUR		PURSUING

### 5. Experience: Teaching / Research

UG	04/10/2022 - CONTINUE	PG	04/10/2022 - CONTINUE	Research	-
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### 6. Membership (Academic Bodies/ Research societies): THE INDIAN SCIENCE CONGRESS ASSOCIATION

### 7. Awards Received: -

### 8. Academic Courses Attended:

Course	Place	Sponsoring Agency	Duration
Online Faculty Induction Program	University of Rajasthan, Jaipur	HRDC	14/11/2022 – 13/12/2022
Online F.D.P (Faculty Development Programme)	Department of MCA and Dept. of Computer Science and Engineering	Sri Balaji College of Engineering and Technology, Jaipur	23-25 Feb. 2023

### 9. Seminar/ Conference/Symposiums:

Name of Symposium/ Seminar/Conference	Inter./ National/ Regional	Organized by	Title of Paper presented	Year
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1. National conferences on Climate Change: The Impact on Biodiversity and Global Health Security	National	Department of Botany, UOR, Jaipur & International Forum for Botanists	-	2019
2. International conferences on Multidisciplinary Approaches to Environmental Research for Human Health	International	International Society for Life sciences & Department of Zoology UOR, Jaipur & ECH incubation center UOR, Jaipur	Nanotechnological Interventions in Management of Viral Plant Diseases	2021
3. International conferences on Nanomaterials in Biology	International	SMRS, Jaipur & Department of Zoology, UOR, Jaipur	Role of Nanotechnology in Plant Viral Disease Management	2022
4. International conferences on Renewable Energy	International	CNCER, UOR, Jaipur & IAHE, USA & MRSI, Rajasthan Chapter	Nano-based Management of Viral Plant Diseases	2022
5. International conferences on Impacts of Environment, Food & Nutrition on Human Health	International	International Society for Life sciences (ISLS)	Toxic Effects of Nanomaterials on Various Organisms, Ecosystem and their Trophic transfer	2022
6. International conferences on Multidisciplinary Approaches towards Sustainable Development and Climate Change	International	Raj Rishi Govt. Autonomous College, Alwar	Antibacterial and Antioxidant activity of green synthesized ZnO nanoparticles	2022

## 10. Others (Workshops/Camp/Training, etc.):

Name of Workshops/Camp/Skill up training, etc.	Organized by	Duration	Year
1. Workshop on Document Preparation using LaTeX	A2Z Edu Learning Hub	3 days	2021
2. Workshop on Academics To Marketability (ATM)	ECH-Incubation Centre, UOR, Jaipur	1 day	2021

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3. National Intellectual Property Awareness Mission	Intellectual Property Office, India	1 day	2022
4. Workshop on Patent Search, Drafting and Filing Strategies for Success	E-YUVA Centre, UOR, Jaipur	1 day	2022
5. Skill-up: Industrial Training Programme	ECH-Incubation Centre, UOR, Jaipur & ISCA, Jaipur Chapter	1 day	2022
6. Industrial Biotechnology Training (IBT)- Nanoparticles synthesis and characterization for drug delivery	Dr. B. Lal Institute of Biotechnology	1 day	2022
7. National Intellectual Property Awareness Mission	Intellectual Property Office, India	1 day	2023
8. E-workshop on Step towards Sustainable Future- green Hydrogen, Entrepreneurship and SDGs	SCRS Govt. College, Sawai Madhopur	1 day	2023
9. E-workshop on Environment Conservation	SCRS Govt. College, Sawai Madhopur	1 day	2023
10. International Short Term Training programme -VI "Green living: Reduce, Reuse and Recycle"	Raj Rishi Govt. Autonomous College, Alwar	7 days	2023

## 1. Organizing Sec./Convener of conference/seminar/webinar :

Conference/Seminar Title	Year	Affiliation (UGC/DST, etc.)	Worked as (Convener, Coordinator, Organizing Sec..)
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## 2. Resource Person:

In training Programme	-
In conferences/Seminars (Chair/Co-Chair/of Session)	-

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### 3. Research Publications

Title of Paper	Name of Journal with Impact factor & ISSN No.	Volume and No. with Year	Citation Index	Impact Factor	Google Index
Role of nanotechnology in plant viral disease management	Materials Today: Proceedings ISSN: 2214-7853	Vol. 69 2022	3.2	-	-
Biomedical Applications of <i>Saccharum munja</i> Leaf Extract Mediated Synthesized ZnO Nanoparticles	International Journal of Applied Life Sciences and Engineering	Vol 1 Issue 1 2022	-	-	-
<i>Madhuca longifolia</i> leaf extract mediated synthesis of ZnO nanoparticles and their Antibacterial, Antioxidant, and Photocatalytic activity	International Journal of Research in Pharmaceutical Sciences ISSN: 0975-7538	Vol 14 Issue 1 2023	-	-	-

### 4. Research Projects:

Title of the Project	Year	Name of funding agency	Fund available/ utilized	Present status
-	-	-	-	-

### 5. Research Supervision:

- **Basic Field of specialization:**

#### ❖ Ph.D.

Name of Student	Title of thesis	Present status	Date and Year of Award, if so
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#### ❖ M.Phil.

Name of Student	Title of Dissertation	Present status	Date and Year of Award, if so
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## 6. Monograph/ Book / Chapter (in Edited Book)/Chapters in study material of Open universities

### • Book (Single Author)

Title of Book	ISBN/ ISSN No.	Publisher with Place	Year of Publication
-	-	-	-
-	-	-	-

### • Chapter(s) in Book (Edited / multi-author)

Title of Chapter	Authors / Editors	Name of the Book with ISBN/ ISSN No.	Publisher with Place	Year of Publication
<b>Nanotechnology Application in Water Pollution Remediation</b>	<b>Rajani</b> , Rishi Kesh Meena, Vidya Patni	Recent Trends in Environmental Sustainability ISBN 978-93-92953-56-9	Vital Biotech Publication, Kota	2022
<b>Biomass: A Renewable and Eco-friendly Energy Resource</b>	Sarita Kumari, <b>Rajani</b> , Rishi Kesh Meena, Preeti Mishra	Recent Trends in Environmental Sustainability ISBN 978-93-92953-56-9	Vital Biotech Publication, Kota	2022

### 16. Sports Activities:

**17. Extra Curricular Activities:** Vidhya Sambal Yojana Member, First Year & M. Sc. Botany Admission Committee, IQAC/ NAAC Cell, Women Cell

**18. Any Other Relevant Information/Contributions/MOOCs developed/E-content :**

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