

Dr.Ritu Singh Rajput

Assistant Professor with 3+ years and 5 years as Research Associate of experience.

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 Jaipur, Rajasthan



**Experience**

**ASSISTANT PROFESSOR**

*Jayoti Vidyapeeth women’s University/ Feb 2019 – Present*

**RESEARCH ASSOCIATE**

*JECRC University/ Dec 2014 to July 2019*

# Training/intern

# *Bhagwan Mahaveer Cancer Hospital, Jaipur Pathology Department (6 Month)*

**Total citation: 53**

**H INDEX: 2**

**I INDEX: 2**

**Research Gate citation: 55**

**Total Reads: 1222**

**Total Publication: 16**

**Patent: 1**

**Book chapter: 2**

**Awards: 7**

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**Education Qualification**

* **PhD from JECRC University Jaipur 2014 to 2019 (Awarded)**

## PhD Topic: “Phytoplankton’s as Bioindicator for the Assessment of Water Effluents of Amanishah Nala, Jaipur”

**Specialization:** Biotechnology and Botany Minor: Environment Science

* **M.sc Biotechnology** from Jayoti Vidyapeeth women’s University Jaipur, 2011 to 2013
* **B.sc** from University of Rajasthan Jaipur, 2009 to 2011
* **12 TH** from Board of Secondary Education ,2008
* **10 TH** from Board of Secondary Education, 2006

**Google Scholar:**

<https://scholar.google.co.in/citations?user=Wt6NhmgAAAAJ&hl=en>

**Research Gate:** http[s://ww](http://www.researchgate.net/profile/Dr_Ritu_Rajput)w.re[searchgate.net/profile/Dr\_Ritu\_Rajput](http://www.researchgate.net/profile/Dr_Ritu_Rajput)

**Patent**

Patent Published on “Development of Liquid Compost from Agriculture Waste and Its Estimation”

**Skills**

Adaptability

Strong Work Ethic

Time Management

Handling Pressure

Leadership

Problem Solving

**Publication Details**

1. Paper Published **in Reviews of Environmental Health (Indexed in Thomson Reuter, Elsevier, Sci and Scopus.)**Status of Water Pollution in Relation to Industrialization in Rajasthan, Reviews of Environment health, Vol no 32, Published**(UGCNO.-34113).Citation21**
2. Correlation of Biodiversity of Algal Genera with Special Reference to the Wastewater Effluents from Industries ,**American journal of Applied Science and Engineering**, Volno9, Published, **Indexed in Scopus Elsevier (UGCNO.-3384). Citation25**
3. An Assessment of Bio removal Capacity of Heavy Metal by Algae, Indian Journal of Environmental ProtectionVol.39,2019ISSN0253–7141(**Published**, I**ndexed in Scopus Elsevier**)
4. Bioremediation Potential Study of Algae ,International Journal of Social Ecology and Sustainable Development,2022(**Published**, Vol.13, issue 1,ISSN: 1947-8402, **Indexed in Scopus, UGC**)
5. Population Density and Diversity Study of Algal Sp. In Different Season from Dravyavati River, International Journal of Botany Studies, (Published,Vol.5,issue6,ISSN:2455-541X,Indexed in Web of Sciences, Thomson Reuter, UGC)
6. A study on Biodiversity and variation in population listed of algal sp. from DravyavatiRiverinadifferentseasonfrom3industrialsites,IndianjournalofNaturalscience ,2020 (**Published**, Vol.11, issue 65,ISSN: 0976-0997, **Indexed in Web of Sciences, UGC**)
7. Wastewater Treatment through Microalgae, Indian journal of Natural science 2020 (**Published**, Vol.11, and issue 69, ISSN: 0976-0997, **indexed in Web of Sciences, UGC**)
8. A Review on Bioremediation with plant for removal of heavy metal s in Industrial Wastewater, Indian journal of Natural science,2020 (**Published**,Vol.11,issue 69, ISSN:0976-0997,**Indexed in Web of Sciences, UGC**)
9. *Review on Ethnomedicine, Phytochemistry of Some Medicinal Plants and Trends to Improve Medicinal Efficacy,* Indian journal of Natural science, 2020 (**Published**,Vol.11,issue 65, ISSN:0976-0997,**Indexed in Web of Sciences, UGC**)
10. A Study on Relation between Phytoplankton and Heavy Metal Pollution in Dravyavati River, Jaipur, International Research Journal of Biological Science., Volume 6,Issue (9) Published (UGCNO.-42769)
11. A study on effect of physiochemical analysis of water effluents collected from different sites of Dravyavati River, Jaipur” in International Journal of Current Engineering And Scientific Research (IJCESR), Volume-4, Issue-12,**Published (UGCNO.-43032)**
12. A Review on *Ficusre ligiosa*, International Journal of Research and Analytical Reviews, Volume 6,Issue 2,(**Published,eISSN2348 –1269,Indexed in UGC).**
13. Assessment of Antimicrobial Activity of *Azadirachta Indica* from Mahalapuram, Jaipur, Journal of Biomedical and Pharmaceutical Research**,** Volume8, Issue3, (Published, ISSN:2279-0594, Indexed in UGC)
14. Recycling and Reuse of Agar from Used Media, Pramana Research Journal, Volume 9,Issue4,2019, **(Published, ISSN NO:2249-2976, Indexed in UGC).Citation1**
15. Production of Penicillin: A Review**,** International Journal of Research and Analytical Reviews, Volume 6, Issue 2(**Published eISSN 2348 –1269, Indexed in UGC).**
16. A Review of Bio ethanol Production from various sources, Parishodh Journal, Volume9, and Issue3 (Published ISSN NO: 2347-6648, **indexed in UGC).**

**Book Chapter**

1. Book Chapter titled **"Fungi: A Treasure to Mankind"** Published in edited book titled" Research Trends in Multidisciplinary Research **(Volume-12)".**
2. Book Chapter titled **"A Closer View of Algae"** Published in edited book titled "Research Trends in Multidisciplinary Research **(Volume-18)".**

# National and International Conferences, Faculty Development program

1. ABSTRCT published in, National Seminar on **“Environmental Conservation and Resource Management: Issues and Strategies for Sustainable Future,2015**
2. ABSTRACT published in, National Seminar “**XXXVIII All India Conference of Indian Botanical Society“2015**
3. ABSTRACT published in National Seminar“ **Biodiversity, Conservation and EcoTourism**”2016
4. ABSTRACT published in International Seminar” **International Conference on Environmental Awareness: Protection & New Challenges.**
5. Full Paper published in, **“National Hindi Science Conference”,2016**
6. ABSTRCT published in**, “National seminar on Climate Change and Sustainable Development”,2017**
7. ABSTRCT published in, National Seminar on **“Environmental Conservation and Resource Management: Issues and Strategies for Sustainable Future DepartmentofEnvironmentScience,2017**
8. ABSTRCT published in, National Seminar on **“Recent Trends and Advances in Chemical Science & their Impact on Environment.”2017**
9. **ABSTRCT published in, “National Workshop on Environmental Challenges, Awareness and its Solutions”2018**
10. ABSTRCT published in**, National symposium of on latest innovation in science and technology,2019**
11. ABSTRCT published in**,** BICON-2019,Sustainable Development Goals, 2019

## Webinar on “Impact of Covid-19 on education challenges and opportunities” Organized by Gramin College of education, 2020

1. Webinar on **“Forest , Environment and wildlife -status and development in the 21stcentury”** organized by college of forestry sam higginbottom university of agriculture ,technology and science, 2020
2. Webinar on **“Understanding plant virus interaction to identity novel antiviral weapon in plant arsenal”** organized by Biogene.com,2020
3. Webinar on **“Covid -19 Impact On life Sciences”** organized by Department of Botany and Zoology of Late Rajkamalji Bharti Arts, Commerce and smt Sushilabai R. Bharti Science College Arni.
4. Webinar on **“New Normal BICON 2020** : India-Japan Fest” organized by Biyani Group of Colleges, Jaipur
5. 1Webinar on **“Research Publication in Sci and Scopus Indexed Journals”** organized by Maharana Pratap University of Agriculture and Technology Udaipur Rajasthan, 2020.
6. Webinar on **“Art of Writing and Publishing Research Papers”** organized by Rajagiri College of Management and Applied Sciences, Rajagiri valley, Kakkanad, Kochi, Kerala, India2021.
7. Webinar on**“ National Webinar on" Digital Soil Science: Opportunities and Challenges"** organized by Maharana Pratap University of Agriculture and Technology Udaipur Rajasthan, 2021.
8. Webinar on **“National Webinar on National Education Policy 2020 for Empowering Youth in Agriculture”** organized by College of Community and Applied Sciences, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan on March,2021.

**Participation in Faculty Development Program and Trainings**

1. One Week Online National Faculty Development Program on Multidisciplinary Skills for the Faculties of Higher Education organized by Veer Savarkar Government College, Obedullaganj Dist-Raisen (M.P.)
2. Participation of Training Innovation Teaching organized by ZIIE 2021

**Participation & Paper Presented in Conference, Seminars &Workshops**

1. Paper presented National Seminar on “Environmental Conservation and Resource Management: Issues and Strategies for Sustainable, 2015
2. Paper presented National Seminar“ XXXVIII All India Conference of Indian Botanical Society“2015
3. Oral presentation in National Hindi Science Conference, 2016
4. Paper presented National Seminar “Biodiversity, Conservation and EcoTourism”2016
5. Poster Presentation in “International Seminar” International Conference on Environmental Awareness: Protection & New Challenges” and Received First Prize.2017
6. Poster Presentation in “National Conference on Recent Trends and Advances in Environmental issues, Awareness and Health”,2017

**Awards**

1. Poster Presentation in “International Seminar” International Conference on Environmental Awareness: Protection & New Challenges” and Received First Prize.2017
2. Young Researcher Fellow (Female) By ITSR Foundation,2018
3. Teacher Innovation award by ZIIE, 2019
4. Young Research Aspirant By I2OR,2020
5. Rajasthan Teacher Excellence Award, 2020
6. Academic Icon Award in Category of Quality publication 2021
7. Innovation award by ZIIE, 2020

**Membership**

1. Life time Membership of Vijnana Bharati (Vibha)
2. Life time Membership of European Biotechnology Network

**References**

1. Dr. Sonali Pandey Professor, Department of Botany JECRC University,

Email: [drsonali17@gmail.com](mailto:drsonali17@gmail.com)

1. Dr.Seema Bhadauria, Associate Professor, Department of Botany University of Rajasthan Jaipur

Email: drseema299@gmail.com

**Technical Knowledge**

* M.S. Office & Internet skills and Basic computer knowledge.
* Well precise handler of microbiological techniques.
* Excellent in Electrophoresis, spectroscopy, and good handling of centrifuge, autoclave, laminar air flow and incubator

**Research Interest**

* Microbiology (Algal Biotechnology)
* Botany
* Biotechnology
* Environment Science

**Personal Details**

Address : Plot no 10c Jagadamba Colony Phulera, Jaipur Rajasthan

Father’s Name : Mr. Dev Singh

Mother’s Name : Mrs. Vidhu Rani Rajput

Date of Birth : December7, 1992

Nationality : Indian

Language Known : English and Hindi

I hereby declare that all the information given is true to be of my knowledge.

Date :

Place : (Ritu Singh Rajput)