

Faculty Profile

Name : Dr. Rekha Tipathi
Designation : Associate Professor
Qualifications : Ph.D(UOR, Jaipur), M.Sc. (UOR, Jaipur)
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Area of Interest/Specialization: Applied Chemistry, Environmental Science, Pharm
Phytochemistry.

Experience : 22 years



Key Publications

1. R. Tripathi, Antimicrobial Studies of Different Extracts of *Holoptelia Integrifolia* (ROXB.)Leaves.” *AJPCR (Asian J Pharm Clin Res)*,13(10)2020,191-193.
2. R.Tripathi ,” ANTIMICROBIAL INVESTIGATION OF SOME ARID ZONE PLANTS OF RAJASTHAN. *International Journal of Pharmaceutical Sciences and Research*, 8(11) 2017,4848-4851.
3. R. Tripathi “Comparative pharmacological study of Aerial parts and roots of ethanolic extract of *Hibiscus micranthus* Linn” *Journal of Medical Pharmaceutical and Allied Sciences (JMPAS)*, 6(1),2017,581.
4. R. Jain, S.Alam, R. Arora and S.C. Jain, “Phytochemistry and Bioactivity of *Kirganelia reticulata*”, *Journal of Medicinal and Aromatic Plant Sciences*,20(1998) 740.
5. R. Jain and R. Arora, “ Phytochemical and Pharmacological Investigation of *Heliotropium ellipticum* Ledeb.” ,*J. Indian Chem. Soc.*, 74 (1997) 430.
6. R. Jain, R. Arora and S.C. Jain, “Chemical Constituents and Bioactivity Studies of *Hibiscus micranthus* Linn.”,*Indian J. Pharmaceutical Sciences*. (1997) 91.
7. R. Jain and R. Arora, “Saponin from the roots of *Mimosa hamata* Willd.”, *Indian J. Chem.* 36B (1997) 61.
8. R. Jain and R. Arora, S. Alam and S.C. Jain, “Pharmacological Evaluation of Roots of *Mimosa hamata*”, *Fitoterapia*, 68 (1997) 377.
9. R. Jain and R. Arora, “3-O-L Arabinosyl-D-glucosyl morolic acid from *Mimosa hamata* Willd.” *Journal of Medicinal and Aromatic Plant Sciences*,19 (1997) 22.
10. R. Jain, S.C. Jain and R. Arora, “A new cholestance derivative of *Abutilon bidentatum* Hochst and its activity.”*Die pharmazie*”,51 (1996) 253.

Papers presented in Conferences

1. Paper presented in **Indian Science Congress** in 1993 held at Jaipur.
2. Paper presented in conference of **Indian Chemical Society** in 1995 held at Jaipur.

Awards

1. Best student award in Gem Identification for the year in 1998.

Patent

1. Method for Authenticating and Validating Quick Response Code, Dr. Robin Singh Bhadoria, Dr Tripti Sharma, Mr. Akshat Goyal, Dr.Rinky Dwivedi, Dr. Koyel Datta Gupta, Dr. Rekha Tripathi, Dr. Archana Balyan, Dr. Meena Rao, 202121010704 A, Published on 9-4-2021, INDIA.

Books published

1. ENERGY AND ENVIRONMENT, Photon eBooks, International,ISBN No./UBN No.- 015-A94510112043
2. AIR POLLUTION BY LEAD SMELTER &IT'S CONTROL , LAMBERT Academic Publishing, International , ISBN No./UBN No. - 978-3-659-97819-7
3. ENVIRONMENTAL CHEMISTRY, JAYA Publishing House, New Delhi. ISBN No./UBN No.-978-9387590-80-9

Memberships of Professional bodies

1. Life time member of INDIAN SCIENCE CONGRESS. Member , ID – L 16817

Other Contributions

- Head of the Department (Applied science, 2nd shift) from 2013 to Nov. 2020.