

DR. ARCHANA ROY

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♦ aroy330290@gmail.com

HEAD OF DEPARTMENT (HOD) – MICROBIOLOGY

DEPARTMENT OF BIOSCIENCE

- ♦ **Assistant Professor of Microbiology** with a core experience of about 13 years as a specialized professional in teaching students about the vast subject of microbiology, its scope, implications and studies relative with the modernized environment.

I believe microbiology is itself a branch comprising of phenomenal research with its extreme effects and studies usage in various applied fields.

LIST OF PUBLICATIONS AND PARTICIPATIONS IN DIFFERENT SEMINARS AND WORKSHOPS

1. “Antibiotic resistance among Coliforms and Pseudomonas aeruginosa from drinking water supplies in and around Rewa region” Archana Sharma , R. Kapoor
-Paper presented in international symposium on “environmental impact on biosystems”
9/11/1989
-Paper published in Indian Journal of environmental management published from NEERI ,
Nagpur , VOL XVI 990, pg no. 212-214.
2. “Bacterial indicators of polluted water and their emerging antibiotic resistance” Archana Sharma , R. Kapoor . Pollution research VOL IX 1990, pg no. 83 – 90.
3. “Antibiotic resistance among PIB isolated from river Sone in Shahdol Distt. Of M.P.” Archana Sharma and Sajjan Khan , paper presented in 77th session of Indian Science congress association in Cochin 1990.
4. “Pseudomonas putida/ A future tool of bio degradation”. Archana Roy . Article published in national seminar on environmental degradation and biodiversity problems 29-30th nov 2009, DAV College , Kanpur.
5. “Occurrence of antimicrobial resistance pattern in Enterobacteriaceae isolated from drinking water in slum area in Kanpur” Archana Roy and Saumya Saxena.
- Paper published in international seminar on “Biotechnology for today’s world” 2-3 dec 2008, DBS College, Kanpur.

LIST OF SEMINAR , CONFERENCE ATTENDED

1. International Seminar on “Biotechnology for today’s world”, December 2008, DBS College Kanpur.
2. National Seminar on “Environmental Degradation and biodiversity”. November 2009, DAV College.
3. National Seminar on “New Trends in Green Chemistry”. December 2010, DAV College.
4. National Conference on “Advancement on Nano materials and Applications”. February, DAV College.
5. National Seminar on “Science for Shaping the Future of India”. December 2012, DG College.
6. National workshop on”Advancement of Nano materials and its Applications”. February 2012, DAV College.
7. National workshop on Water Pollution and its management. October 2015, D.A.V College.
8. National Seminar on Biodiversity Conservation and Sustainable Development. January 2016, D.A.V College.
9. National Seminar on Science and Technology for National Development. September 2015, D.B.S. College.

Guidance for M.Phil Thesis

1. Emerging antibiotic resistant strain of PIB isolated from various tanneries effluent- Periar University in December 2007.
2. Comparative study on antibiotic resistance among members of enterobacteriaceae and P.aeruginosa isolated from waste water effluent discharged into river Ganga- Vinayaka Mission University in December 2008.

PROFESSIONAL EXPERIENCE

DAV COLLEGE, KANPUR

HOD MICROBIOLOGY – 2005 TO PRESENT

- In the panel of experts for conducting walk in interview of the teachers of biotechnology for “Navodaya Vidyalaya Samiti Lucknow Region on September 2009”.
- In the panel of experts for making the syllabus of Nutrition and Dietetics 1 year Diploma
- Life member of Indian Science Congress Association Number L13376

JOB RESPONSIBILITIES –

- Worked as a HOD – Microbiology in Department of Bioscience – D.A-V College.
- Conducted seminars based on subject guidelines.
- Have a vast experience in conducting practical for both UG and PG.

EDUCATIONAL QUALIFICATIONS

1981 – Higher Secondary (Equivalent to intermediate) M.P. – First Division 79%

1984 – B.Sc. R.D. University Jabalpur , M.P. – First Division 74%

1986 – M.Sc. R.D. University Jabalpur , M.P. – First Division 75%

1993 – Ph.D A.P.S. University Rewa , M.P.

*Dr. Archana Roy
(HOD – Microbiology)
D.A-V*