

Name: Dr. Deepak

Department: Zoology

Current Designation: Assistant Professor

Email id: Deepak.zoology@mirandahouse.ac.in

Academic Qualifications (reverse chronological order):

Examination	Specialization	University/Board	Year	Division
M.Sc.	Zoology	Meerut college, Meerut C.C. S. University, Meerut, India	2006	1 st
B.Sc.	Zoology, Botany and Chemistry	D. N. College, Meerut C.C. S. University, Meerut, India	2002	2 nd

Research Degree(s) (reverse chronological order):

Doctorate of Philosophy (**PhD.**) in **Biotechnology:** Department of Bioscience and Biotechnology, Banasthali University, Rajasthan-304022, India. (Awarded on 12th March. 2014)

Topic: "Development of Polymeric Nano Particles for Various Drugs to be used Against Breast Cancer"

Field of Specialization under the Subject/Discipline: Nanobiotechnology and Department of Bioscience and Biotechnology

Total Teaching Experience: 09 years 06 months

Teaching at Miranda House since: July 2016

List of Publications (reverse chronological order):

(Articles in referred/peer-reviewed/UGC Care journals/ Books/Book Chapters)

<u>S. No.</u>	<u>Year</u>	<u>Authors</u>	<u>Title Paper</u>	<u>Journal</u>	<u>Impact Factor</u>
1.	2016	Anwar MF, Yadav D , Jain S, Kapoor S, Rastogi S, Arora I, Samim M	Size- and shape-dependent clinical and mycological efficacy of silver nanoparticles on dandruff	<i>International Journal of Nanomedicine</i> 11:147-161	4.38
2.	2016	Yadav D , Upadhyay SK, Anwar MF, Unnithan JS	A review on the patents of various metal nanoparticles: preparations and formulations	<i>World Journal of Pharmacy and Pharmaceutical Science</i> 5(2): 1309-1317	5.210
3.	2016	Upadhyay SK, Yadav D , Kumar S, Pandey A	A new species of <i>Neyrapterectana</i> Ballesteros Marquez, 1945 (Oxyuridae: Cosmocercinae) from intestine of bull frog, <i>Rana tigrina</i> (Anura: Dicroglossidae) in North India	<i>International Journal of Life Sciences and Scientific Research</i> 2(4): 494-499	2.4
4.	2015	Upadhyay SK,	A redescription and report of Eustrongylides	<i>National Journal of</i>	NAAS

		Yadav D , Tripathi A.	tubifex Nitzsch, 1819 (Dioctophymoidea: Dioctophymidae) larvae in deep sea fish <i>Sillago sihama</i> off central west coast of India at Goa.	<i>Life Sciences</i> . 12(1):161-164 ISSN 0972-995X.	score 4.04
5.	2015	Upadhyaya SK, Yadav D , Pathak RK	The impact of water quality on the population distribution pattern of cephalogonimid termatodes <i>Cephalogonimus yamunii</i> in fresh water fish <i>Heteropneustes fossilis</i> at Allahabad, Uttar Pradesh	<i>Journal of Kalash Science</i> 3(2): 11-17	
6.	2015	Tyagi P, Chandra S, Saraswat BS, Yadav D	Design, spectral characterization, thermal, DFT studies and anticancer cell line activities of Co (II), Ni (II) and Cu (II) complexes of Schiff bases derived from 4-amino-5-(pyridine-4-yl)-4H-1,2,4-triazole-3-thiol	<i>Spectrochimica Acta Part A: Molecular and Biomolecular spectroscopy</i> 145: 155–164	2.4 (Citation -1)
7.	2015	Anwar MF, Yadav D , Kapoor S, Chander J, Samim M	Comparison of Antibacterial Activity of Ag Nanoparticles Synthesized from Leaf Extract of <i>Parthenium hysterophorus</i> L in Aqueous Media and Gentamicin Sulphate: <i>In-Vitro</i>	<i>Drug Development and Industrial Pharmacy</i> 41(1): 43-50 Doi:10.3109/03639045.2013.845840	2.1 (Citation -4)
8.	2015	Anwar MF, Yadav D , Roop K Khar, Chander J, Samim M	Modulation of Liver and Kidney Toxicity by Herb <i>Withania somnifera</i> for Silver Nanoparticles: A novel approach for harmonizing between safety and use of Nanoparticles	<i>Protoplasma</i> 252(2): 547-558 DOI 10.1007/s00709-014-0701-5	2.65 (Citation -1)
9.	2014	Yadav D , Anwar MF, Suri S, Kardum H, Belwal M, Singh S, Garg V, Asif M	Novel Strategies in the Drug Delivery Development of Anticancer Drugs: The Nanoparticulate Formulations	<i>Frontiers in Anti-cancer Drug Discovery</i> , Ed. Bentham Science Publisher Vol. 3, pp-233-261	(Book Chapter)
10.	2014	Yadav D , Anwar MF, Garg V, Kardam H, Beg MN, Suri S, Gaur S, Asif M	Development of polymeric nanopaclitaxel, its cell proliferation comparison with free paclitaxel on carcinoma cells (MCF-7; B16F0)	<i>Asian Pacific Journal of Cancer Prevention</i> Vol. 15(5), pp- 2335-2340	2.51 (Citation -5)
11.	2014	Singh S, Garg V, Yadav D	Development of loop mediated isothermal amplification (LAMP) marker for authentication for variety of <i>Stevia rebusiana</i> .	<i>World Journal of Pharmacy and Pharmaceutical Science</i> . 3(7), 1905-1914	5.210
12.	2014	Aslam M, Dayal R, Javed K, Asif M, Yadav D , Zaidi SMA	8-dehydroxy chrysofenol isolated from extract of <i>Rheum emodi</i> enhance gentamicin induced nephrotoxicity in rats model	<i>World Journal of Pharmacy and Pharmaceutical Science</i> . 3(3), 833-849	5.210
13.	2013	Jain R, Garg V, Yadav D	In vitro comparative analysis of monocrotophos degrading potential of <i>Aspergillus flavus</i> , <i>Fusarium pallidroseum</i> and <i>Macrophomina</i> sp	<i>Biodegradation</i> DOI:10.1007/s10532-013-9672-z 25(3):437-46	2.4 (Citation -6)
14.	2013	Ganie SH, Yadav D , Ahmad A, Chadhry A, Asif M	Authentication of traditional crop Kalongi (<i>Nigella sativa</i> L.) by LAMP marker	<i>Indian Journal of Research in Pharmacy and Biotechnology</i> 1(6): 765-771	(Citation -1)
15.	2013	Singh S, Garg V, Yadav D	Antihyperglycemic and antioxidative ability of <i>Stevia rebaudiana</i> (bertoni) leaves in diabetes induced mice	<i>International Journal of Pharmacy and Pharmaceutical</i>	1.1 (Citation -5)

				<i>Sciences</i> , 5(2): 297-302	
16.	2013	Yadav D , Chaudhary AA, Garg V, Anwar MF, Rahman MM, Jamil SS, Khan HA, Asif M	<i>In-Vitro</i> toxicity and Antidiabetic activity of a newly developed Polyherbal Formulation (MAC-ST/001) in Streptozotocin—induced Diabetic Wistar Rats	<i>Protoplasma</i> Vol. 250(3): 741-749	2.65 (Citation -11)
17.	2013	Sikander M, Malik S, Parveen K, Ahmad M, Yadav D , Hafeez JB, Bansal M	Hepatoprotective effect of <i>Origanum vulgare</i> in Wistar rats against carbon tetrachloride-induced hepatotoxicity	<i>Protoplasma</i> , 250(2): 483-493	2.65 (Citation -4)
18.	2012	Yadav D , Suri S, Chaudhary AA, Hemant, Beg MN, Garg V, Asif M, Ahmad A	Stimuli Responsive Polymeric Nanoparticles in Regulated Drug Delivery for Cancer	<i>Polish Journal of Chemical Technology</i> Vol. 14(1): pp-57-64	0.53 (Citation -1)
19.	2012	Chaudhary AA, Yadav D , Hemant, Jamil SS, Asif M	Real Time Sequence Characterized Amplified Region (RT-SCAR) marker - Development and its application for authentication and quantification of <i>Catharanthus roseus</i> L. Don	<i>Journal of Medicinal Plants Research</i> , 6(32): 4748-4754	(Citation -2)
20.	2012	Singh S, Garg V, Beg N, Yadav D , Sharma N	<i>In-Vitro</i> Antioxidative and Antibacterial Activities of Various Parts of <i>Stevia rebaudiana</i> (Bertoni)	<i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 4(3): 468-473	1.1 (Citation -16)
21.	2012	Sikander M, Malik S, Tyagi P, Yadav D , Katare DP, Jain SK	Mucins: potential for ovarian cancer biomarkers	<i>International Journal of Biomedical and Advance Research</i> , 3(6): 464-467	0.404
22.	2011	Deepak , Suri S, Sikander M, Garg V, Samim M	Entrapment of Seed Extract of <i>Nigella sativa</i> into Thermosensitive (NIPAAm–Co–VP) Co-Polymeric Micelles and its Antibacterial Activity	<i>International Journal of Pharmaceutical Sciences and Drug Research</i> Vol. 3(3): pp-246-252	1.04 (Citation -3)
23.	2011	Yadav D , Suri S, Choudhary AA, Sikander M, Hemant, Beg MN, Garg V, Ahmad A, Asif M	Novel approach: herbal remedies and natural products in Pharmaceutical science as nano drug delivery systems	<i>International Journal of Pharmacy and technology</i> Vol. 3(3): 3092-3116	0.603 (Citation -15)
24.	2011	Sikander M, Malik S, Yadav D , Biswas S, Katare DP, Jain SK	Cytoprotective activity of a trans-chalcone against hydrogen peroxide induced toxicity in hepatocellular carcinoma (HepG2) cells	<i>Asian Pacific Journal of Cancer Prevention</i> 12: 2513-16	2.51 (Citation -4)

Research Projects (reverse chronological order):

Title: To develop the Triphala encapsulated polymeric nanoparticles as novel and efficient antimicrobial agents. Agency: R & D Cell, Miranda House, University of Delhi Amount Rs 1,00,000/- Duration 1 year as PI (R&D-30/2024)

Membership Of Professional Bodies(reverse chronological order):

Fellow member of Eudoxia Research Center (FMERC)

Fellow member International Association of Zoologist (FIAZ)

Fellow member of International Institute of Organized Research (FI2OR)

Fellow Member of Global Institute for Education and Research (FIGER)

Editorial Board member for EC Gastroenterology and Digestive System

Editorial Member in Indian Journal of Research in Pharmacy and Biotechnology.

Life member of International society of Infectious diseases.

Administrative Responsibilities(reverse chronological order):

Member, NSS from 2022 to present

Mentor in the Mentor-Mentee Programme from 2016 to present

Invigilator

Examiner

Member of a Team which created Report – Quantitative and Qualitative metrics, Criterion 3; NAAC Steering Committee, Second Cycle 2022-2023

AQAR data collection and report submission to IQAC team; AQAR coordinator/ representative of the Zoology Department; 2022to present

Paper setter as convener

Staff Advisor of the Department from 2024 to present

Invited talks/Session chair/Resource person (reverse chronological order):

Session chaired in International conference on recent trends in Life sciences and biotechnology 12-14 Dec 2024 organized by Maharishi Markendeshwar University, Ambala.

Invited talk in International conference on recent trends in Life sciences and biotechnology 12-14 Dec 2024 organized by Maharishi Markendeshwar University, Ambala.

Resource Person Bridge Course Laboratory Instrumentation: Principle, usage and applications A course on basic lab instruments and techniques 3-7 October 2023 at Miranda House

Resource Person Capacity Building Training Program on Model Organism 15-30 April 2024 at Miranda House

Conferences Organized (reverse chronological order):

Organizing Secretary International conference Role of Biotechnology in Biological Sciences 6-8 February 2025 at Miranda House.

Organizing Member International Conference on Reproductive Sciences and Molecular Medicine: Innovation in Therapeutics and technologies 2024 Organized by Department of Zoology, University of Delhi at Miranda House

Session coordinator Capacity Building Training Program on Model Organism 15-30 April 2024 at

Miranda House

Convenor Lecture on National Science Day Topic Visiting the Visuals: Visuals stimulating communication 28th February 2024 at Miranda House

Convenor Capacity Building workshop cum Lecture Series on Animal Behavior: Unveiling the Mysteries of the Wilderness 21 February 2024 -20 March 2024 at Miranda House

Member organizing committee FDP on Unveiling Apiculture: Exploring the Art and Science of Beekeeping Methods and Applications 10-16 October 2023 GAD-TLC and Miranda House

Seminars/Workshops/Conferences attended (reverse chronological order):

- Paper presented in the event ALCHEMIST- technical paper Presentation organized under TATVA-11, the Annual Technical Symposium of the Department of Applied Chemistry and Polymer Technology held on 23rd February, 2011 at Delhi Technological University (DTU), Delhi, India.
- Paper presented in National Seminar on Innovative Trends in Unani Medicine, 3-4 March, 2012 at RRIUM, Aligarh, India, Organized by CCRUM, New Delhi, India.

Synergy (work with other organizations outside the college):

MoU with Maharishi Markandeshwar University, Ambala Haryana