


FACULTY PROFILE

DR. PREM PRAKASH SAINI

Title (Ms/Mr/Dr/Prof)	DR..	First Name	PREM PRAKASH	Last Name	SAINI	Photograph
Designation	ASSISTANT PROFESSOR					
Department	ZOOLOGY					
Address (Official)	KALINDI COLLEGE (UNIVERSITY OF DELHI) EAST PATEL NAGAR, NEW DELHI-110008					
Phone No.	8860408147					
Email	dr.ppsaini@gmail.com					
Education						
Qualifications	Institution	Year	Details			
Ph.D.	Department of Zoology, University of Rajasthan, Jaipur	2003	Ph.D. Title: “Study On Modification Of The Body Resistance Of Swiss Albino Mice By β-Carotene Rich Plant Extract”			
M.Sc.	Department of Zoology University of Rajasthan, Jaipur	1999	Zoology			
B.Sc. (Bio. Group)	Govt. College NeemKa Thana (Rajasthan)	1996	Botany, Zoology & Chemistry			
NET QUALIFIED IN LIFE SCIENCES (DEC-2016)						
Career Profile						
Institution	Designation	Duration	Role			
Kalindi College, Delhi	Assistant Prof. (Permanent)	12.05.2014 to till Date	Teaching & Others			
Kalindi College, Delhi	Assistant Prof. (Ad hoc)	08.10.2012 to 10.05.2014	Teaching & Others			
Kalindi College, Delhi	Assistant Prof. (Ad hoc)	21.07. 2011 to 21.05.2012	Teaching & Others			
Maitreyi College, Delhi	Assistant Prof. (Ad hoc)	08.02.2011 to 27.04.2011	Teaching & Others			
Govt. College, Khetri	Assistant Prof. (Cont.)	08.09.2007 to 28.02. 2008	Teaching & Others			
Chirawa College, Chirawa	Assistant Prof. (Temp.)	02.08.2004 to 28.02.2006	Teaching & Others			
Aggarwal College, Jaipur	Assistant Prof. (Part-Time)	14.08.2003 to 21.02.2004	Teaching			
Research Interests/Specialization: Radiation Biology						
Administration Assignment:						
<ol style="list-style-type: none"> Teacher In-Charge: Department of Zoology, Kalindi College (University of Delhi) from 23 May 2014 to 20 July 2016 (for Two Years) Convener: Technical Committee for disposed off of obsolete/damaged Technical Items. Member: Academic Committee as a Teacher <i>In-Charge</i> of the Department (2014-15 & 2015-16). Member: Grievance committee (2014-15) Member: Admission Committee (2013, 2014, 2015, 2016, 2017) Member: Dissection Monitoring Committee (DMC), Department of Zoology, Kalindi College (as internal member). Convener: “Delhi University Swachchhata Abhiyan Committee for area of Cyber Centre, its Surrounding area and Parking area in the college”, 2015, 2016 & 2017. Co-convener: For “Publicity Committee in Lehren” the Inter-college Cultural Fest, 2015 & 2016. Convener: For “Publicity Committee in Lehren” the Inter-college Cultural Fest, 						

2017.

10. Convener: Registration Committee, Alumni Meet-2016

11. Member: Scholarship Committee

12. **Convener:** Discipline Committee for Activity Period in Academic Block 2014-15, 2015-16, 2016-17 & 2017-18.

13. **Member:** Moderation Committee for Internal Assessment of Zoology Department, Kalindi College

14. **Member:** Admission and PWD Committee, 2016 (For verification of certificates)

Teaching Experiences (Subject/Courses taught)

Teaching Experiences: 10 Years

Courses taught : B.Sc. Life Sciences, B.Sc. (H) Zoology, B.Sc. Physical Sciences Environmental Studies

Subject/Papers taught: Animal Biodiversity, Food Nutrition and Health, Introduction to Biology, Molecular Biology, Biochemistry, Immunology, Developmental Biology and Physiology, Comparative anatomy and Developmental Biology of Vertebrates

Publication (Peer Reviewed/Indexed Journals)

Year of Publication	Title	Journal (Name of the journal. Vol Issue ISSN)	Author /Co-Author
2003	Radioprotective Role of <i>Amaranthus paniculatus</i> against radiation induced alterations in peripheral blood of Swiss albino mice.	<i>Journal of Medicinal Plant Sciences</i> . 25, 99-107. ISSN: 0253-7125.	I Author
2003	Effect of <i>Amaranthus paniculatus</i> leaf extract on radiation induced biochemical changes in Swiss albino mice brain.	<i>Journal of Medicinal Plant Sciences</i> . 25, 362-368. ISSN: 0253-7125.	Co-Author
2002	<i>Amaranthus paniculatus</i> as a protectant against radiation induced damage in mice liver: A biochemical study.	Proceeding of First National Interactive Meet on Medicinal and Aromatic Plants, pp., 291-298.	Co-Author
2002	<i>Spinaceaoleracea</i> modulates radiation induced haematological alterations in Swiss albino mice.	<i>Journal of Medical Physics</i> . 27 (3), 179-180. ISSN: 0971-6203.	I Author
2002	Radioprotective Role of <i>Amaranthus paniculatus</i> : A study on the learning of mouse.	<i>Journal of Medical Physics</i> . 27 (3), 134-135. ISSN: 0971-6203.	I Author

2002	<i>Spinaceaoleracea</i> protects against radiation induced lipid peroxidation in Swiss albino mice brain.	<i>Journal of Medical Physics.</i> 27 (3), 178-179. ISSN: 0971-6203.	Co-Author
2002	Radioprotective effect of <i>Amaranthuspaniculatus</i> (Linn) on the phosphatase activity in the liver of Swiss albino mice.	<i>Journal of Medical Physics.</i> 27 (3), 180-181. ISSN: 0971-6203.	Co-Author

Abstracts in Proceeding of Conferences

1. Jain M., Saini P.P., Verma Rajesh., Saini M.R. and Bhatia A.L. (2002): ***Amaranthuspaniculatus* against radiation induced damage in mice liver.** In Proceeding of National Conference of First National Interactive Meet (NIM-2002) on “Scope and Opportunities in Research and Business of Medicinal and Aromatic Plants”, May 17-18, 2002. Central Institute of Medicinal & Aromatic Plants, Lucknow (CSIR). PP: 39.
2. Saini P.P., Verma R.K., and Jain M., Nandchahal K and Bhatia A.L. (2002): **Radioprotective Role of *Amaranthuspaniculatus* against radiation induced alterations in peripheral blood of Swiss albino mice.** In Proceeding of National Conference of First National Interactive Meet (NIM-2002) on “Scope and Opportunities in Research and Business of Medicinal and Aromatic Plants”, May 17-18, 2002. Central Institute of Medicinal & Aromatic Plants, Lucknow (CSIR). PP: 40.
3. Rajesh Verma, Manish Jain and Prem Prakash Saini and A.L. Bhatia (2002): **Modification on radiation induced biochemical changes in Swiss albino mice brain by *Amaranthuspaniculatus*.** In Proceeding of National Conference of First National Interactive Meet (NIM-2002) on “Scope and Opportunities in Research and Business of Medicinal and Aromatic Plants”, May 17-18, 2002. Central Institute of Medicinal & Aromatic Plants, Lucknow (CSIR). PP: 41.
4. Jain M., Saini P.P., Verma Rajesh., Saini M.R. and Bhatia A.L. (2002): Survivability of Mice after Irradiation: **An Investigation on *Amaranthuspaniculatus*(Linn) as Radioprotector.** Proceeding of Radiological Protection of Patients in Medical Application of Ionizing radiation. (Proceeding of ICRPP2K2) Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow. PP: 159.
5. Saini P.P., Nandchahal K and Bhatia A.L. (2002): **Radioprotective Role of *Amaranthusgangeticus* Linn: A Study on Haematological constituents in Swiss albino mice.** Proceeding of Radiological Protection of Patients in Medical Application of Ionizing radiation. (Proceeding of ICRPP2K2) Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow. PP: 163.

Seminar/Workshop/Conferences Presentation/Organisation

CONFERENCES/SEMINARS:

1. Participated in National Seminar on **Science, Society and Challenges in New Millennium**, University of Rajasthan, Jaipur, India, 24th March 2000.
2. Participated and Paper presented in **National Interactive Meet-2002 (NIM-2002)**, Central Institute of Medicinal and Aromatic Plants (A Unit of CSIR), Lucknow-226015, India, 17-18 May 2002.
3. Participated and Paper presented in **23rd Annual Conferences of Association of Medical Physicists of India (AMPI) on Medical Physics & Radiation Safety, AMPICON-2K2**, SMS Medical College & Hospital, Jaipur, 15-17 November 2002.
4. Participated in Meeting of Central Zone Chapter of Indian Phytopathological Society & National

Seminar on “**Biotechnological Approaches for the Management of Plant Diseases**”, Jaipur, 30-31 Jan 2004.

5. Participated in National Academy of Sciences, India, 74 Annual Session & National Symposium on ‘**Science and Technology for Desert Development**’ Jaipur, 2-4 December 2004.
6. Participated in International conference on ‘**Free radical & Natural Product in Health (FRNPH-2008)**’& ‘**Seventh Annual Meeting of the Society of Free Radical Research-India**’. Organized by Centre for Advanced Studies, Department of Zoology, University of Rajasthan, Jaipur, India, 14-16 February, 2008.
7. Participated in Department of Science and Technology Sponsored National Seminar on “**सक्षम महिला, सक्षम समाज: एक वैज्ञानिक दृष्टिकोण: A Paradigm Shift Towards Empowerment of Women**”, organized by Science Departments, Kalindi College (University of Delhi), East Patel Nagar, Delhi, India, held on 3-4 February, 2017.

WORKSHOPS

1. **Workshop** attended on “**Waste Management**” held on 17 Feb 2012 at Mahatma Gandhi Institute for combating climate change (Govt. of N.C.T. of Delhi), Bakoli, Alipur, Delhi-110036, India.
2. **Workshop** attended on “**Data Acquisition and Analysis**” held on 30 Sep 2014 at Department of Zoology, University of Delhi, Delhi, India.
3. **Workshop** attended on “**Role of Youth in Combating Climate Change**” held on 3 Nov 2014 at Mahatma Gandhi Institute for combating climate change (Govt. of N.C.T. of Delhi), Bakoli, Alipur, Delhi-110036, India.
4. **Workshop** attended on “**Training the Trainers: IPR Workshop**”, held on January 15, 2016 at Miranda House, University of Delhi, Delhi, India.
5. **Workshop** attended on “**Climate Change and Sustainable development**” held on 24 Oct 2017 at Mahatma Gandhi Institute for combating climate change (Govt. of N.C.T. of Delhi), Bakoli, Alipur, Delhi-110036, India.

Awards & Distinctions: Qualified CSIR-UGC-NET in the year 2016

Orientation Programme/Course

Participated in **4 weeks UGC-Sponsored Orientation Programme (OR-90)** at Centre for Professional Development in Higher Education (CPDHE) University of Delhi, Delhi from November 21, 2017 to December 19, 2017 and Obtained grade 'A'.

Conferences/Webinar

- Participated in National Seminar on **Science, Society and Challenges in New Millennium**, University of Rajasthan, Jaipur, India, 24th March 2000.
- Participated and Paper presented in **National Interactive Meet-2002 (NIM-2002)**, Central Institute of Medicinal and Aromatic Plants (A Unit of CSIR), Lucknow-226015, India, 17-18 May 2002.
- Participated and Paper presented in **23rd Annual Conferences of Association of Medical Physicists of India (AMPI) on Medical Physics & Radiation Safety, AMPICON-2K2**, SMS Medical College & Hospital, Jaipur, 15-17 November 2002.

- Participated in Meeting of Central Zone Chapter of Indian Phytopathological Society & National Seminar on “**Biotechnological Approaches for the Management of Plant Diseases**”, Jaipur, 30-31 Jan 2004.
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- Participated in Department of Science and Technology Sponsored National Seminar on “**सक्षम महिला, सक्षम समाज: एक वैज्ञानिक दृष्टिकोण: A Paradigm Shift Towards Empowerment of Women**”, organized by Science Departments, Kalindi College (University of Delhi), East Patel Nagar, Delhi, India, held on 3-4 February, 2017.
- Webinar on “**Domestic Violence: A Shadow Pandemic**” jointly organized by IQAC, Lakshmi Bai College, University of Delhi and Delhi State Legal Services Authority on 13th May 2020.
- Webinar on “**IPR and Patent Drafting**” organized by IQAC, St. Peter’s Institute of Higher Education and Research on 14th May 2020.
- Webinar on “**Migration Matters**” organized by Internal Quality Assurance Cell (IQAC), Jesus and Mary College, University of Delhi, India on May 15th, 2020 from 12 pm to 1 pm.
- Webinar on “**Genome-wide changes under microgravity**” on 15/05/2020 organized by School of Life Sciences, Central University of Himachal Pradesh, Shahpur, Dist. Kangra, HP.
- Webinar on ‘**Let’s Talk Covid-19: Shifting Paradigm**’ organized by the Department of Social Work, School of Social Sciences, Mizoram University on 16th May 2020.
- Webinar on “**Vaccine and Drug Development against COVID-19**” organized by Department of Biotechnology, School of Life Sciences, Mizoram University (A Central University), Aizawl – 796004, on 18th May, 2020.
- Webinar on “**Biodiversity and Public Health**” organized by Eco Club, Shivaji College (University of Delhi) under aegis of IQAC in Collaboration with Society for Ecological Research and Natural Resources Management (SERNRM) on 19th May 2020.
- International Webinar on “**Re-thinking Social Changes in South Asia amidst COVID-19**” on 21 May, 2020.
- Cyber Security in online Education organized by Department of Computer Sciences & Engineering, Subharti Institute of Technology & Engineering, Swami Vivekanand Subharti University, Meerut on 24 May, 2020.
- National Webinar on “**Geopolitics of Corona Virus Pandemic**” organized by Kamala Nehru College (University of Delhi) on 25 May, 2020.
- One day Webinar on “**Fungal Pigments: Scope and Applications in Food Industry**” on 2nd June 2020 Organized by School of Applied Sciences, Suresh Gyan Vihar University, Jaipur, Rajasthan.
- Participated in One day Webinar on “**Sustainable energy**” organized by Zoology Department, Kalindi College, (University of Delhi) and MGICCC, Govt of NCT, Delhi, India on 26th February, 2022.

FDP/Refresher Course

1. **One Week** Faculty Development Programme on ***“Recent Trends in Research Methodology, E-content Mathematical and Statistical Methods in Open Education World”*** Organized by Kalindi College in collaboration with Mahatma Hansraj Faculty Development Centre (A Centre of MHRD Govt of India Under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching) Hansraj, College University of Delhi, New Delhi (India) from **17-23 December, 2019**.
2. **One Week** Faculty Development Programme On ***“Skill Enhancement at Institutions of Higher Learning: Training Today for Tomorrow”*** Organized by Internal Quality Assurance Cell, Kalindi College (University of Delhi) from **07-13 January, 2019**.
3. **Five days** (Online) Faculty Development Programme on ***“Innovation in Scientific Research Methods”*** organized by Kirori Mal College (University of Delhi) under aegis of DBT Star College Scheme 2019-2022 from **14-18 October, 2020**.
4. **One week** (Online) Faculty Development Programme on ***“Moving Towards New Normal through Effective Online Teaching”*** organised by Kalindi College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi. A Centre of MoE, Govt. of India under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) from **01-07 December, 2020**.
5. **Two week** (Online) Faculty Development Programme on ***“BLENDED LEARNING: ALTERNATIVE DIMENSIONS”*** organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING from **12- 29 January, 2021** and obtained grade A+.
6. **Two week** (online) Refresher Course in ***“LIFE SCIENCES”*** organized by Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Miranda House, University of Delhi under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING from **01-15 September, 2021** and obtained grade A+.