



# CURRICULAM-VITÆ



Title	Mr.	First Name	<b>Ravinder</b>	Last Name	<b>Kumar Sagar</b>	Photograph
Designation	<b>Asst. Professor</b>					
Address	<b>Acharya Narendra Dev College, Govindpuri, Kalkaji, New Delhi-110019</b>					
Phone No	<b>011-26294541</b>					
Residence	<b>NA</b>					
Mobile	<b>9711115176</b>					
Email/	<b>ravindersagar@andc.du.ac.in</b>					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
B.Sc. (Gen.) Group "B" <b>Ist Division</b>	<b>Deen Dayal Upadhyay College, University of Delhi</b>				<b>1998</b>	
M.Sc. Zoology <b>Ist Division</b>	<b>Annamalai University, Annamalai Nagar, Tamil Nadu</b>				<b>2002</b>	
NET (JRF)	<b>CSIR</b>				<b>June2002</b>	
Career Profile						
<p>➤ 16<sup>th</sup> July, 2005 to till date - Assistant Professor, Dept. of Zoology, Acharya Narendra Dev College (University of Delhi).</p>						
Administrative Assignments						
<ol style="list-style-type: none"><li>1. Teacher-in-Charge (2012-2014)</li><li>2. Convener, Admissions (2014, 2015)</li><li>3. Convener, Help Desk Committee Admissions (May 2011)</li><li>4. Convener SC/ST Help Desk (July 2017 and 2018)</li></ol>						

5. Convener, ECA Committee (2016, 2017)
6. Convener, Examination Committee (2018-2020)
7. Liaison Officer (-10-2016 to 31-03-2019)
8. SC/ST/OBC Observer (2014-2016)
9. Member, Examination Committee (2008-2010, 2016-2018)
10. Member, Sports Committee (2010-2012, 2014-2016, 2016-2018, 2018-2020)
11. Member, New College Building,
12. Member, Internal Quality Assurance Committee(IQAC) NAAC (2015, 2016)
13. Member, SPICMACAY (2008-2010, 2010-2012)
14. Member Debating Society (2008-2010)
15. Member, Environment Society (2010-2012)
16. Member, Information Technology Committee (2016-2018)
17. Member, Child Care Committee (2012-2014)
18. Member, Cultural Committee (2014-2016)
19. Member, Proctorial Committee (2006-2008)
20. Member, Help Desk Admissions (2010)
21. Member, Web Development Committee (2006-2008)
22. Member, Stock Verification Committee (2008, 2009, 2010, 2011, 2012, 2014)
23. Convener, SC/ST Grievance Committee (1-10-2016 to 31-03-2019)
24. Election Officer (2010, 2016)
25. Visit to Delhi National Zoological Park, New Delhi in 2006 with Physical science Foundation course Ist batch.
26. Excursion to Shimla and Manali in 2007.
27. Excursion to Dalhousie, Dharamshala, Khajjiar.
28. Visit to Bajaj Poultry Farm, Gurgaon (2012)
29. Excursion to Udaipur and Mount Abu (2013)
30. Visit to Yamuna Biodiversity Park (2013)
31. Excursion to Sariska Wildlife Sanctuary for 3 days in 2015.
32. Excursion to Jaisalmer (12th March to 14th March 2016)
33. Visit to Aravali Biodiversity Park, Gurgaon, Haryana on 13th October 2017
34. Excursion to Ranthambhore, Rajasthan, for Zoology (H) 1<sup>st</sup> Sem., 5<sup>th</sup> Sem. from 26<sup>th</sup>

October - 29 <sup>th</sup> October 2018.
Areas of Interest / Specialization
➤ <b>Physiology</b>
Subjects Taught
<ol style="list-style-type: none"> <li>1) Human Physiology</li> <li>2) Biodiversity Non Chordata &amp; Chordata)</li> <li>3) Physiology and Biochemistry</li> <li>4) Entomology</li> <li>5) Zoogeography</li> <li>6) Organic Evolution</li> <li>7) Applied Zoology</li> </ol>
Research Guidance
<ol style="list-style-type: none"> <li>1) Joint Principal Investigator in the Innovation project “<i>Biodegradation of Waste by Microbial Extracellular Enzymes</i>” funded by University of Delhi in September 2015 (DU INNOVATION PROJECT ANDC 302 )</li> <li>2) “<i>Study of regeneration of anterior segments in the earthworm Eiseniafetida</i>” by Harshita, B.Sc. (H) Biomedical Sciences, Sem IV; Dipshi Aggarwal, B.Sc. (H) Biomedical Sciences Sem IV; Harmanpreet Kaur, B.Sc. (H) Biomedical Sciences, Sem IV; Deepak Sahni, B.Sc. (H) Biomedical Sciences, Sem IV under Mr. Ravinder <b>Kumar Sagar and Dr. Sarita Kumar</b> (2017-2018), under <b>ELITE</b> program.</li> <li>3) “<i>Natural history of butterfly diversity at ANDC</i>” by Subham Mohanty; B.Sc. (H) Zoology, Sem–II under <b>Mr. Ravinder Kumar Sagar and Dr. Sarita Kumar (2018-2019), under ELITE</b> program.</li> <li>4) “<i>To understand the mechanism of learning and memory formation in Achatina fulica</i>”by Manisha; B.Sc. (H) Zoology, Sem –II; Shipra Yadav, B.Sc. (H) Biomedical Sciences, Sem-II under <b>Mr. Ravinder Kumar Sagar and Dr. Sarita Kumar (2018-2019), ELITE</b> program.</li> </ol>
Publications Profile
<ol style="list-style-type: none"> <li>1. M. Lata, J. Prasad, S. Singh, R. Kumar, L. Singh, P. Chaudhary, R. Arora, R. Chawla, S. Tyagi, N.L. Soni, <b><u>R.K. Sagar</u></b>, M. Devi, R.K. Sharma, S.C. Puri and R.P.</li> </ol>

- Tripathi, "Whole body protection against lethal ionizing radiation in mice by REC-2001: A semi-purified fraction of *Podophyllum hexandrum*". **Phytomedicine**, volume 16, Issue 1, **January 2009**, pages 47-55: ISSN 0944-7113
2. Arora R, Shikha Singh, **Sagar RK**, Chawla R, Kumar R, Puri SC, Surender S, Prasad J, Gupta ML, Krishna B, Siddiqui MS, Sharma AK, Tripathi RP, Qazi GN, Sharma RK. **2008**. "Radiomodulatory and free radical scavenging activity of the fractionated aquo-alcoholic extract of the adaptogenic nutraceutical (*Rhodiola imbricata*) – A comparative *in vitro* assessment with ascorbate". Journal Of Dietary Supplements, Volume 5, Issue 2, **October 2008** , pages 147 – 163: ISSN 1939-0211
  3. Raman Chawla, Rajesh Arora, Shikha Singh, **Ravinder K. Sagar**, **Rakesh Kumar Sharma**, Raj Kumar, Ashok Sharma, Manju L. Gupta, Surender Singh, Jagdish Prasad, Haider A. Khan, Anand Swaroopa, A.K. Sinha, AK Gupta, Rajender P. Tripathi and PS Ahuja, **2007**. "Radioprotective and antioxidant activity of fractionated extracts of berries of *Hippophae rhamnoides*". **J. Medicinal Food** **10 (1): 101-109: ISSN 1096-620X**
  4. Rajesh Arora, **Ravinder Sagar**, Shikha Singh, Raj Kumar, AK Sharma, Jagdish Prasad, Surender Singh, ML Gupta, Rakesh Kumar Sharma, Satish Chandra Puri, Bal Krishan, MS Siddiqui, SS Lahiri, RP Tripathi and GN Qazi, **2007**. "Cytoprotective effect of *Podophyllum hexandrum* against gamma radiation is mediated *via* hemopoietic system stimulation and up-regulation of Heme-oxygenase-1 (HO-1) and the pro-survival multidomain protein Bcl-2." **Integrative Cancer Therapies** **6(1): 54-65: ISSN 1534-7354**
  5. S Singh , R Ahmed , **R K Sagar** , B Krishana, **2006**. Neuroprotection of the nigrostriatal dopaminergic neurons by melatonin in hemiparkinsonium rat. **Indian J Med Res.** **124 (4): 419-26: ISSN 0971-5916**
  6. Shalini Singh, Riyaz Ahmad, Deepti, **Ravinder Kumar Sagar**, **2006**. Neuroprotective effect of BDNF in young and aged 6-OHDA treated Rat model of Parkinson's Disease. **Indian Journal of Exp. Biol.**, **44: 699-704: ISSN 0019-5189**
  7. Raman Chawla, Rajesh Arora, Shikha Singh, **R. K. Sagar**, **Rakesh Kumar Sharma**, R. Kumar, A. Sharma, RP Tripathi, S. C. Puri, H. A. Khan, A.S. Shawl, P. Sultan, Tej Krishan, and G.N. Qazi. Advance Access published June 21, **2006**. *Podophyllum hexandrum* offers Radioprotection by Modulating Free Radical Flux: Role of Aryl-

Tetralin Lignans. **Evidence Based Complementary and Alternative Medicine (eCAM)** 2006; Page 1 of 9, doi:10.1093/ecam/nel037; ECAM-06-0020): ISSN 1741-427X

8. Satish Chandra Puri, Asiya Nazir, Raman Chawla, Rajesh Arora, S. Riyaz-ul-Hasan, Touseef Amnaa, Bilal Ahmed, Vijeshwar Verma, Shikha Singh, **Ravinder Sagar**, Ashok Sharma, Raj Kumar, Rakesh Kumar Sharma and Ghulam Nabi Qazi , **2006**”The endophytic fungus *Trametes hirsuta* as a novel alternative source of podophyllotoxin and related aryl tetralin lignans” **Journal of Biotechnology**, **122: 494-510: ISSN 0168-1656**
9. **Sagar RK**, Chawla R, Arora R, Singh S, Puri SC, Krishna B, Singh P, Kumar R, Sharma AK, Singh S, Prasad J, Gupta V, Ahmed B, Dhar KL, Khan HA, Sharma RK, Qazi GN. **2006**, Protection of hematopoietic system against gamma-radiation induced damage by *Podophyllum hexandrum*. **Planta Medica**, **72: 114-120: ISSN 0032-0943**
10. Arora R, Chawla R, Puri S.C., **Sagar R**, Singh S, Kumar R, Sharma A. K., Prasad J, Singh S, Kaur G, Chaudhary P, Quazi G. N., Sharma R.K. **2005** Radioprotective and Antioxidant Properties of Low Altitude *Podophyllum hexandrum*(LAPH). **Journal of Environmental Pathology Toxicology and Oncology**. **24(4): 253-269: ISSN 0731-8898**
11. R. Ahmad, S. Singh, R.K. Sagar and B. Krishana. **2005**, Neuroprotective effect of the FGF in young and aged rat model of Parkinson’s disease. **Biomedicine 25(2): 48-57**
12. Chawla Raman, Arora R, **Sagar RK**, Singh S, Puri SC, Kumar R, Singh S, Sharma AK, Prasad J, Khan HA, Sharma RK, Nazir A, Dhar KL, Spitteller M and Qazi GN **2005**, 3-O- $\beta$ -D- galactopyranoside of quercetin as an active principle from high-altitude *Podophyllum hexandrum* and evaluation of its radioprotective properties. **Z. Naturforschung 60c: 728-738: ISSN 0939-5075**
13. Arora R, Gupta D, Chawla R, J Prasad, S Singh, AK Sharma, R Kumar, **RK Sagar**, N Samanta, RK Sharma **2005**, Radioprotection by Plant Products: Present Status and Future Prospects. **Phytotherapy Research19: 1-22: ISSN 0951-418X**
14. Rajesh Arora, Raman Chawla, **Ravinder Sagar**, Jagdish Prasad, Surender Singh, Raj Kumar, Ashok Sharma, Shikha Singh and Rakesh Kumar Sharma **2005** Evaluation of radioprotective activities of *Rhodiola imbricata* Edgew- A high altitude plant **Molecular and Cellular Biochemistry 273: 209-223: ISSN 0300-8177**
15. Chawla R, Rajesh Arora, R. Kumar, A. Sharma, J. Prasad, S. Singh, **R. Sagar**, P

Chaudhary , S Shukla, G. Kaur, R.K. Sharma, S.C. Puri, G. Handa, V.K. Gupta, G. N. Qazi, **2005** Antioxidant activities of fractionated extracts of High Altitude Podophyllum hexandrum in Radiation Protection. **Molecular and Cellular Biochemistry. 273: 193-208: ISSN 0300-8177**

16. Harish Chandra GOEL\*Jagdish PRASAD, Surender SINGH, **Ravinder Kumar SAGAR**, Paban Kumar AGRAWALA, Arun Kumar SINHA# Ruchi DOGRA# . **2004** Radioprotective Potential of an Herbal Extract of *Tinospora cordifolia*. **J. Radiat. Res., 45: 61-68: ISSN 0449-3060**

17. H.C.Goel\*, J. Prasad, S.Singh, **R.K.Sagar**, I. Prem kumar, P.K. Agrawal And A.K. Sinha#; **2002** Radioprotection by a Herbal Preparation of *Hippophae rhamnoides* ‘RH-3’ Against Whole Body Lethal Irradiation in Mice. **PHYTOMEDICINE 9:15-25: ISSN 0944-7113**

18. H.C. Goel\*, J. Prasad, S.Singh, **R.K. Sagar**, I.Prem Kumar, P.K. Agrawal And A.K. Sinha# **2001**, Radioprotection by a Herbal Preparation of *Hippophae rhamnoides* ‘RH-3’ Against Whole Body Lethal Irradiation in Mice. Proceedings of International Workshop on Seabuckthorn (V.Singh and R.K. Khosla, Eds.): **205-211**,New Delhi.

#### Conference / Presentations /Workshops

1) Rajesh Arora, S. Singh, **R.K. Sagar**, R. Kumar, A. Sharma, S.C. Puri, R.P. Tripathi, G.N. quazi. “Role of antioxidant and DNA protective activity of a promising fraction of Podophyllum hexandrum (REC-2006) in providing protection against  $\gamma$ -radiation” held at School of Chemical Sciences, Mahatma Gandhi University, Kottayam, Kerala, India. An international conference on frontiers of radiation and photochemistry. **PHOTORADCHEMRAD-2007**, February 8-11.

2) Rajesh Arora, S. Singh, R. **Sagar**, R. Chawla, R. Kumar, A. Sharma, M.L. Gupta, SS Lahiri, R.P. Tripathi “Radioprotection by high altitude flora and phyto-constituents therefrom: Potential for armed forces”. **PHOTORADCHEM-2007**

3) Shikha Singh, **RK Sagar**, Rajesh Arora, R Kumar, A Sharma, IP Kumar, J Prasad, S Singh, M Gupta, SS Siddiqui, SS Lahiri, RP Tripathi “Combination modality treatment for improved survival against lethal ionising radiation-mediated Damage in Strain ‘A’ Mice” held at Dr. Ambedkar Centre for Biomedical Research, University of Delhi, Delhi-

7, 6th Annual Symposium on Frontiers in Biomedical Research, November 30th – December 2nd, **2006**.

- 4) Rajesh Arora, Shikha Singh, R. **Sagar, R.** Kumar, A. Sharma, I.P. Kumar, M. Gupta, R.P. Tripathi. "Protection of hemopoietic system against ionizing radiation induced damage by *Podophyllum hexandrum* : Role of heme oxygenase-I and BCL-2" held at Institute of Medical Sciences, Banaras Hindu University, Varanasi, India, International conference on Radiation Biology, November 20-22, **2006**. Indian Journal of Radiation Research, Vol. 3 (4) pp-253-254
- 5) **Sagar, R.K.**, Singh, S., Chawla, R., Arora, R., Kumar, R., Sharma, A.K., Singh, S., Prasad, J., Gupta, M.L., Chaurasia, O.P., Sharma, R.K., Puri, S.C., Qazi, G.N. "Radioprotective Potential of a High-Altitude Medicinal Herb of Himalayas *Rhodiola imbricata*". Participated and presented a poster in IIIrd International conference on Plant and Environmental Pollution held at National Botanical Research institute, Lucknow, Uttar Pradesh, India. 28th November- 2 December **2005**.
- 6) Chawla R, Arora R, Shikha Singh, **Sagar RK**, Puri SC, Shawl AS, Sharma RK: Effect of Abiotic Factors on Radioprotective Properties of *Podophyllum hexandrum* at National Seminar on Plant Physiology, Surat 23-27Nov'2005.
- 7) Arora R, Chawla R, **Sagar RK**, Shikha Singh, Kumar R, Sharma AK, Singh S, Prasad J, Puri SC, Gupta MI, Sharma RK: Low Aryl-Tetralin Lignans containing *Podophyllum hexandrum* extract protects against Radiation mediated Lethal Damage;at Nanobiotechnology the Road Ahead: 17-19 Nov' 2005, Lucknow, India
- 8) Chaudhary P, SC Puri, SK Shukla, RK **Sagar, R.** Arora, RK Sharma 2004 Prevention of radiation-induced damage to pBR322 plasmid DNA by fractions of *Podophyllum hexandrum*, International Conference on Recent Trends in Radiation Biology, Bhabha Atomic Research Centre, Mumbai during 1-3 December, **2004**.
- 9) Raman Chawla, Arora R, Singh S, **Sagar RK**, Prasad J, S Singh, AK Sharma, R Kumar, Rakesh Kumar Sharma: Medicinal Properties of a High-Altitude *Rhodiola* species: Relevance to Radiation Protection: National Seminar on Plant Physiology, Pune, India, Decemer'2004.
- 10) Chawla R, R. Arora, SC Puri, R Kumar, A Sharma, J Prasad, S Singh, **R Sagar**, G Kaur, RK Sharma 2004 A comparative study of the antioxidant potential of various fractions of

Podophyllum hexandrum vis-à-vis radiation protection. International Conference on Recent Trends in Radiation Biology, Bhabha Atomic Research Centre, Mumbai during 1-3 December, **2004**.

- 11) Kumar R, PK Singh, A Sharma, J Prasad, **R Sagar**, S Singh, R. Arora, RK Sharma. "Modulation of expression of cytoprotective proteins in mouse kidney by a herbal preparation of Podophyllum hexandrum". Indo-Tunisian Workshop on Biotechnology in Medicine, Organized by Institute of Nuclear Medicine and Allied Sciences, Delhi and Defence Research and Development Establishment, Gwalior during 28-29th June, **2004**.
- 12) Rakesh Kumar Sharma, Rajesh Arora, J. Prasad, S. Singh, **R.K. Sagar**, A.K. Sinha, A.K. Sharma, N. Samanta, Rajkumar, R. Chawla, H.C. Goel, T. Ravindranath. "Radioprotective efficacy of Hippophae rhamnoides". Seminar on Seabuckthorn, A resource for environment, Health & Economy held at Institute of Nuclear Medicine and Allied Sciences Delhi, India 12-13 March **2004**
- 13) Arora R, D Gupta, AK Sharma, **RK Sagar**, J Prasad, S Singh, N Samanta, R Kumar, HC Goel, AK Sinha, R Chawla, RK Sharma. "Modification of radiation-induced damage in mammalian model systems by natural plant products: implications for radiation protection". IUPAC International Conference on Biodiversity and Natural Products held at Delhi University, Delhi during 26-31 January **2004**.
- 14) Arora R, D. Gupta, J. Prasad, AK Sharma, S. Singh, **Sagar R**, Samanta N, Kumar R, Goel HC "Bioprospection of Himalayan High-altitude Region Flora for Radioprotective Biomolecules. National Seminar on New Millennium Strategies for Quality, Safety and GMPs for Herbal Drugs/Products" held at National Botanical Research Institute, Lucknow from 11-13 November **2003**.
- 15) **Sagar RK**, Prasad Jagdish, Singh S, Arora R, Goel HC 2003 Protection Of Mammalian Hemopoietic System Against Lethal (10Gy) Radiation Damage By Certain Herbal Extracts: A Comparative Study. Presented a poster during the XXIV Annual Conference of Indian Association of Biomedical Scientists (Theme: "Radiotracers in Drug Development") held at Laser Science and Technology Centre and Institute of Nuclear Medicine and Allied Sciences, Delhi from 1<sup>st</sup> to 4<sup>th</sup> Nov **2003**.
- 16) Arora R, D. Gupta, J. Prasad, S. Singh, AK Sharma, **Sagar R**, Samanta N, Kumar R, Goel HC Screening Of Indigenous Medicinal And Aromatic Plants For Their

Radioprotective Potential: Some Considerations. Presentation made during the XXIV Annual Conference of Indian Association of Biomedical Scientists (Theme: "Radiotracers in Drug Development") held at Laser Science and Technology Centre and Institute of Nuclear Medicine and Allied Sciences, Delhi from 1<sup>st</sup> to 4<sup>th</sup> Nov 2003.

- 17) **Sagar RK** and Goel HC 2002. "Radioprotection of haemopoietic system by herbal extracts" poster presented during the "International Conference on Radiation Damage and its Modifications" From 13th -15th Nov., Institute of Nuclear Medicine and Allied Sciences Delhi, India. 2002
- 18) Participated in 7 days workshop on "*Animal Behaviour*" from 19th -25th August, 2015 held at Department of Zoology, University of Delhi, Delhi-110007
- 19) Participated in one day workshop on "*Data Acquisition & Analysis*" on 15th September 2014 held at Department of Zoology, University of Delhi, Delhi-110007
- 20) Participated in one day workshop on "*Laboratory Animal Welfare & Alternative Models: Animal Welfare Through 3 R's- REDUCE, REFINE, REPLACE*" on 6th July 2012 held at Institute of Genomics & Integrated Biology (IGIB), Mall Road, Delhi-110007
- 21) Participated in workshop on "*Food, Nutrition and Health (course code: LSPP 203) B.Sc. (programme) Life Sciences I Year*" organized at Lady Irwin College, New Delhi from 10-12 February 2011.
- 22) Participated in workshop on "*Application of Free/ Open Source Software in Science Teaching and Research*" organized at Acharya Narendra Dev College, University of Delhi held on 14-15th April 2010.
- 23) Participated as a Resource person in '*Workshop for Biology Laboratory Course (LS 306) for B.Sc Programme III year*' organized at Acharya Narendra Dev College, University of Delhi, from October 21-24, 2008.
- 24) Participated in the workshop on "*LINUX AND FREE-OPEN SOURCE SOFTWARES*" conducted by Acharya Narendra Dev College in association with OpenLx Linux on 6th and 7th December 2007
- 25) Participated in '*Workshop on content creation for e-learning*', held at University of Delhi South Campus, from August 25-27, 2006.
- 26) Participated in organizing the National Symposium on "*Chemistry in Biology: The*

*Future of Life Sciences*” Organized by Acharya Narendra Dev College, University of Delhi held at India International Center, New Delhi on 12-13th February 2010.

27) CEP course on “*Biostatistics*” 1-5 November held at INMAS, Delhi **2004**.

28) CEP course on “*Transgenic Crop Development and evaluation*” 15-20 December held at D.A.R.L., DRDO, Pithoragarh **2003**.

29) Training Programme on “*Radiation Disaster Management*” conducted at INMAS, 25-29th July **2002**.

30) Training course on “*Molecular Biology, Hybridoma and Cell Culture Techniques*” conducted at National Biotechnology Centre, I.V.R.I. Izatnagar Bareilly, 12th-11th March under the auspices of National Agricultural Technology Project on Human Resource Development in Veterinary Biotechnology **2002**.

#### Research Projects (Major Grants/Research Collaboration)

Joint Principal Investigator in the Innovation project “*Biodegradation of Waste by Microbial Extracellular Enzymes*” funded by University of Delhi in September 2015

#### Awards and Distinctions

1. Coauthor in patent “Radioprotective herbal extract and its process thereof” Indian patent office, New Delhi. (*Rhodiola*)
2. Coauthor in patent “A process for Preparation of a Radioprotective Herbal Extract” Indian patent office, New Delhi. (*Hippophae*)
3. Coauthor in patent “A process for Preparation of Radioprotective Herbal Extract” (Based on *Tinospora sps.*), Indian patent office, New Delhi.
4. First Prize in Badminton Tournament (Singles) organized at Acharya Narendra Dev College on 12th February 2014.
5. First prize in Carrom tournament (singles) organized at Acharya Narendra Dev College in February 2011.
6. **LABORATORY TECHNOLOGY GROUP AWARD 2001 (INMAS)**  
Dr. Rajesh Arora, Dr. Vandana Pathania, Jagdih Prasad, Surender Singh, Ashok Kumar Sharma, **R.K. Sagar**, N. Samanta, I. Prem Kumar, D. Gupta, P.K. Agarwala, H. Prakash

#### Chapter in Book

R. Arora, R. Chawla, Shikha Singh, **R.K. Sagar**, R. Kumar, A. Sharma, J. Prasad, S. Singh,

G.U. Gurudatta, Rakesh Kumar Sharma Bioprospection for Radioprotective Molecules from Indigenous Flora Editor: JN Govil, Studium Press, USA In: Recent Progress in Medicinal Plants Vol. VI

#### Association With Professional Bodies

Associated With Indira Gandhi National Open University (IGNOU) as an evaluator for the past many years

#### Other Activities

##### **Orientation Course**

Participated in UGS-ASC: UGC sponsored Orientation Course from 6th May-3rd June 2008 held at Centre Fort Professional Development in Higher Education, Institute of Life Long Learning, University of Delhi, Delhi-11007.

##### **Refresher Course**

- 1) Participated in UGC Sponsored Refresher Course in "***LIFE SCIENCES***" from February 15, 2011 to March 9, 2011, held at Department of Zoology, University of Delhi, Delhi-110007.
- 2) Participated in UGC-HRDC: UGC Sponsored Refresher Course in "E- learning and Digital learning" from 5th – 25th September 2017, held at Centre for Professional Development in Higher Education, Institute of Life Long Learning, University of Delhi, Delhi-11007

##### **Faculty Development Program:**

- 1) **Two Weeks FDP on "*Recent Advances in Research Methodology*"** held from 17<sup>th</sup> January to 28<sup>th</sup> January ,2020 conducted by PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING (MHRD) in collaboration with Ramanujan Centre for Applied Mathematics and Research, Teaching Learning Centre, Ramanujan College, University of Delhi.
- 2) **Two Weeks FDP on "*Managing Online Classes and Co-Creating MOOCs*"** held from 20th April to 06<sup>th</sup> May ,2020 conducted by PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING, Teaching Learning Centre, Ramanujan College, University of Delhi.

- **Observer** in IGNOU term end examination in June 2019.
- Evaluated the Projects as Jury in **6th of the series of NLEPC** on December 10-11, 2016 at National Physical Laboratory (NPL) New Delhi during India International Science Festival – 2016 (7th – 11th December, 2016) at NPL, New Delhi (more details at [www.scienceindiafest.org](http://www.scienceindiafest.org)).
- Evaluated the projects as Jury in INSPIRED Award Scheme in “**5th National Level Exhibition and Project Competitions (NLEPC)**”, 2015 during December 06-07, 2015 at IIT Delhi
- Evaluated the Projects as Jury in Inspired Award Scheme “**4th National Level Exhibition & Project Competition**” , 6-8 October 2014 held at Prgati Maidan, New Delhi, under the aegis of Department of Science & Technology, Ministry of Science and Technology, Government of India (*inspire: Innovation in Science Pursuit For Inspired Research*)
- Evaluated the Projects as Jury in “**3rd National Level Exhibition & Project Competition**” , 8-10 October 2013 held at Prgati Maidan, New Delhi, under the aegis of Department of Science & Technology, Ministry of Science and Technology, Government of India (*inspire: Innovation in Science Pursuit For Inspired Research*)
- **Lectures Delivered:**  
Delivered a lecture on the topic ‘**Osmoregulation**’ in March’08 and on ‘**Temperature relation in animals**’ in Sept’08 on Television (Gyan Darshan II) for the under-graduate students of distance learning course in Life Sciences of **Indira Gandhi National Open University (IGNOU)**

Signature of Faculty Member