




## Faculty Details Proforma For College Web-site



<b>Title</b>	Ms	<b>First Name</b>	Anna	<b>Last Name</b>	Senrung	<b>Photograph</b>
<b>Designation</b>	Assistant Professor					
<b>Address</b>	Zoology Department, Daulat Ram College University of Delhi, Delhi-110007					
<b>Phone No. Office</b>	-					
<b>Residence</b>	-					
<b>Mobile No.</b>	9999979838					
<b>Email – ID</b>	<a href="mailto:annasenrung@dr.du.ac.in">annasenrung@dr.du.ac.in</a> , annasenrung@gmail.com					
<b>Web Page</b>	-					
<b>Educational Qualification</b>						
<b>Degree</b>	<b>Institution</b>				<b>Year</b>	
Ph.D. Zoology	Department of Zoology, University of Delhi				Pending	
M.Phil. Zoology	Department of Zoology, University of Delhi				2011	
M.Sc. (Hons) Zoology	Department of Zoology, University of Delhi				2004	
B.Sc. (Hons) Zoology	Kirori mal College, University of Delhi				2001	
10+2	Manipur board				1998	
<b>Career Profile</b>						
<ul style="list-style-type: none"><li>• Daulat Ram College on permanent basis (19<sup>th</sup> Oct. 2015 - till date)</li><li>• Daulat Ram College on ad-hoc basis (10<sup>th</sup> Jan. 2014 - 18<sup>th</sup> Oct. 2015)</li><li>• Miranda House College on ad-hoc basis (2<sup>nd</sup> Jan. 2012 - 31<sup>st</sup> Dec. 2013).</li><li>• Miranda House College on ad-hoc basis (08 - 12/2010).</li></ul>						
<b>Administrative Assignments</b>						
<ul style="list-style-type: none"><li>• Admission helpdesk</li><li>• Student amenities</li></ul>						
<b>Areas of Interest / Specialization</b>						
<ul style="list-style-type: none"><li>• Zoology/Entomology/Cancer Research.</li></ul>						
<b>Subjects Taught</b>						
Zoology: Evolutionary Biology, Ecology, Genetics and Evolutionary Biology, Animal Physiology.						
<b>Research Guidance</b>						
None						
<b>Publications Profile</b>						

## Research Publications:

- Thakur K., Janjua D., Shishodia G., Chhokar A., Aggarwal N., Yadav J., Tripathi T., Chaudhary A., **Senrung A.**, Bharti A.C. Investigation of Molecular Mechanisms Underlying JAK/STAT Signaling Pathway in HPV-induced Cervical Carcinogenesis using „Omics“ Approach (2022), *Medical Oncology*. 12;39(12):255. doi: 10.1007/s12032-022-01854-1. PMID: 36224441.
- Thakur M., Bhardwaj S., Singh J., **Senrung A.**, Singh J. Three Years of Covid-19 – A Review on India’s Journey through Different Variants and Waves (2023), *IJRTI*, 8(1), ISSN: 2456-3315.
- **Anna Senrung**, John Linglee Anal, Meenakshi Thakur (2021), COVID-19 Incidence, Transmission and Best Containment Practices: Study of India, *Global Pandemic: Responses and Solutions*, Shree Vinayak Publication, Agra, ISBN: 978-93-91267-07-0.
- Meenakshi Thakur, **Anna Senrung**, John Linglee Anal (2021), Covid 19-A Lesson for Protecting Biodiversity, *Global Pandemic: Responses and Solutions*, Shree Vinayak Publication, Agra, ISBN: 978-93-91267-07-0

## e-Chapters:

- Manoj Kumar Kashyap, Anjali Bhat, Divya Janjua, Rashmi Rao, Kulbhushan Thakur, Arun Chhokar, Nikita Aggarwal, Joni Yadav, Tanya Tripathi, Apoorva Chaudhary, **Anna Senrung**, Alok Chandra Bharti. Role of angiotensin in different malignancies (2023). <https://doi.org/10.1016/B978-0-323-99618-1.00019-2>.
- Yadav, J., Aggarwal, N., Chaudhary, A., Tripathi, T., Baruah, D., Chhakara, S., Janjua, D., Chhokar, K., Thakur, K., **Senrung, A.**, Chandra Bharti, A. (2022). Role of Exosomes in Tumor Induced Neo-Angiogenesis. *IntechOpen*. doi: 10.5772/intechopen.104400.

## Conference Proceedings as Abstracts:

- **Senrung A**, Goswami N, Singh K, Sethi P and Jyoti A (2020). Optimization of ex-vivo model system for anti-glioma drug screening and delivery. International Conference on Natural Products and Human Health (ICNPHH-2020) organized by Department of Zoology, Deshbandhu College, University of Delhi, at University Conference Center, University of Delhi, on 27th February, 2020. ISBN 9788194428237.

## Conference Organization/Presentations

### Participation in Conferences/Workshops/Seminars:

- Participated in the 5<sup>th</sup> International Conference on Nutraceuticals and Chronic Diseases (INCD-2022) on “Pharmaceuticals and Nutraceuticals for Cancer and Other Chronic Diseases” from October 7-9, 2022, held at Department of Zoology, University of Delhi.
- Participated in an International Conference on “Natural Products and Human Health” organized by Department of Zoology, Deshbandhu College, University of Delhi, at University Conference Center, University of Delhi, on 27th February, 2020.
- Participated at the 39th Annual Conference of Indian Association for Cancer Research (IACR 2020). Thiruvananthapuram, Kerala, India, from 5th to 7th February, 2020

## Conference Organization / Presentation (in the last three years)

### Conference Organization:

- Member of organizing Committee in the 5<sup>th</sup> International Conference on Nutraceuticals and Chronic Diseases (INCD-2022) on “Pharmaceuticals and Nutraceuticals for Cancer and Other Chronic Diseases” from October 7-9, 2022, held at Department of Zoology, University of Delhi.

### Paper Presentations at International and National Conference/Seminars/Workshops:

- Presented a Research Paper (Poster Presentation) on “Anti-angiogenic Potential of Trans-Chalcone in-vivo: ATP Antagonist to VEGFR with predicted blood-brain barrier permeability”, in 5th International Conference on Nutraceuticals and Chronic Diseases (INCD-2022) on “Pharmaceuticals and Nutraceuticals for Cancer and Other Chronic Diseases” from October 7-9, 2022, held at Department of Zoology, University of Delhi.

- Presented a Research Paper (Poster Presentation) on “Assessment of Antiangiogenic Potential of Phytochemicals against Glioblastoma in an Ex-Ovo Model System”, in RMBPD-2022: International Colloquium on “Deciphering Bioregulatory Mechanism in Health and Disease using „omics“ Approach” from 24th-25th February, 2022, held at Department of Zoology, University of Delhi.
- Presented a Research Paper (Poster Presentation) on “Optimization of ex-vivo model system for anti-glioma drug screening and delivery”, in ICNPHH – 2020: International Conference on “Natural Products and Human Health – 2020” from 27th-29th February 2020, held at the University of Delhi, New Delhi, India.
- Presented a Research Paper (Oral Presentation) on “Optimization of ex-vivo model system for anti-glioma Drug Screening and Delivery” in an International Conference on “Natural Products and Human Health” organized by Department of Zoology, Deshbandhu College, University of Delhi, at University Conference Center, University of Delhi, on 27th February, 2020.
- Presented a Research Paper (Poster Presentation) on “Ex-vivo Model System to Characterise and Optimise Nanoparticles used in Cancer Nanotherapeutics” at the 39th Annual Conference of Indian Association for Cancer Research (IACR 2020), from 5th to 7th February, 2020, held at Thiruvananthapuram, Kerala, India.
- Presented a Research paper (Oral presentation) on “Covid-19 Incidence, Transmission and Best Containment Practices: A study of India”, in an Online National conference on “Life Sciences challenges and opportunities: Covid-19 Pandemic” from 1st-2nd June 2020, organized by Faculty of Life Sciences, St. Aloysius’ College (Autonomous), Jabalpur (M.P.).

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

None

### **Awards and Distinctions**

- Appreciation for Poster presentation at the 5th International Conference on Nutraceuticals and Chronic Diseases (INCD-2022) on “Pharmaceuticals and Nutraceuticals for Cancer and Other Chronic Diseases” from October 7-9, 2022, held at Department of Zoology, University of Delhi.

### **Association with Professional Bodies**

- Member of European Association of Cancer Research
- Member of Indian Association of Cancer Research

### **Other Activities**

- Participated in one week National Faculty Development Program on Sustainable Aquaculture, held from 19th-25th June, 2023, organized Department of Zoology, University of Delhi in collaboration with Shaheed Rajguru College of Applied Sciences for Women and GAD-TLC, SGTB Khalsa College, University of Delhi.
- Trained undergraduate students in the basics of cancer cell culture and assays in the Neuropharmacology and Drug delivery Laboratory (NDDL), Daulat Ram College, University of Delhi.
- Resource person in SDP “Unveiling the Animal World in Behavioural way” Department of Zoology, Daulat Ram College, March, 2023