




Faculty Details proforma for College Web-site



Title	Ms.	First Name	Bhumika	Last Name	Chauhan	Photograph
Designation	Assistant Professor					
Address	Acharya Narendra Dev College Govindpuri Kalkaji New Delhi – 110019					
Phone No Office						
Email	bhumikachauhan@andc.du.ac.in					
Educational Qualifications						
Degree	Institution				Year	
B.Sc.(H) Zoology	Gargi College , University of Delhi				2017	
M.Sc. Zoology	Chaudhary Charan Singh University, Campus , Meerut				2019	
M.Phil	Chaudhary Charan Singh University, Campus , Meerut				2020	
PhD	Persuing				2022	
Career Profile						
<ul style="list-style-type: none">• Working as Adhoc Assistant Professor at Acharya Narendra Dev College, University of Delhi.• Worked as Guest faculty at Miranda House, University of Delhi and Acharya Narendra Dev College, University of Delhi.• Qualified CSIR-NET , AIR 70 in December 2019.						
Administrative Assignments						
Currently involved in the following Committes of the College: <ul style="list-style-type: none">- IT Committee- Proctorial Committee- Mentorship and Councelling Committee- DHWANI						
Areas of Interest						
<ul style="list-style-type: none">- Animal Physiology- Parasitology						
Subjects Taught						
Evolutionary Biology , Biotechnology, Cell Biology, Animal Physiology and Biochemistry.						
Research Guidance						

Publications Profile

2022

1. Sharma, Sneha., Pranav., Shivam., Rana, Neha., Vashishtha, Khushi., **Chauhan, Bhumika**, Misra, Monica and Sharma, Bindu. Post COVID-19 Long Term Effects Persisting More Than 6 Months in Various Age Groups of Indian Population. . *International Journal of Zoological Investigations*. vol.**8(2)** .pp.674-680.
2. **Chauhan, B** and Misra, M . A Literature Review on Reckless and Hazardous Contraceptive Practices used since Primeval Times. *Indian Journal of Natural Sciences*.vol.**13(73)**.pp.44976-44980.
3. Jain, Rajkumar., Priya , Aryama ., **Chauhan, B.**, Misra, M and Saxena , Tanushree. Impact of Climatic Change on Respiratory Health. *International Journal of Zoological Investigations*. vol.**8(2)** .pp.973-982.
4. **Chauhan, B.**, Misra, M and Sharma, B . In Silico PCR Primer Designing using Mitochondrial (cox-1) Gene of *Clinostomum marginatum*. *International Journal of Zoological Investigations*. vol.**8(2)** .pp.671-673.
5. Misra, Monica., **Chauhan, Bhumika.**, Km Deepika, Madhuri, A. and Sharma, Bindu .PCR primer design for mitochondrial cox-1 gene from *Clinostomum complanatum* towards diagnosis. *Bioinformation*. vol.**18(9)**.pp.831-833.
6. **Chauhan, B.**, Misra, M and Sharma, B .Re-characterization of Potential Zoonotic Trematode Parasite Parasitizing Intestine of Snakehead Fish, (*Channa striata*) Utilizing Multiple Sequence Alignment Tools (MSA). *International Journal of Zoological Investigations*. vol.**8(2)** .pp.475-483.
7. **Chauhan, B.**, Misra, M and Varsha Baweja. Role of A Evolutionary Conserved Hypothalamic Neuropeptide: Neuropeptide Y (NPY) in Release of Gonadotropin and Anterior Pituitary Hormones in Different Animal Groups. *Indian Journal of Natural Sciences*.vol.**13(74)**.pp.0976-0997.
8. Tyagi, A., **Chauhan, B.**, Misra, M and Sharma, B .First Report of Morphological and Molecular Identification of *Explanatum explanatum* from Domestic Water Buffalo, *Bubalus bubalis* from Meerut Region, India. *International Journal of Zoological Investigations*. vol.**8(2)** .pp.155-160.
9. Oral presentation on topic entitled “ **Multi Omics Approach : A new Frontier in Parasitic Research** “ in Miranda House, 23-25 February, 2022.

2021

10. Singh, K., **Chauhan, B.**, Chudhary, A., Misra, M., Sharma, B and Singh, H.S. A short note on the predicted motifs in the *Thaparocleidus wallagonius* genome. *Bioinformatics*. vol.17(11). pp.940-942.
11. **Chauhan, B.**, Sharma, A., Tyagi, M., Tyagi, A., Misra, M and Sharma, B. Insights into the Predicted Motifs in the *Taenia saginata* Genome Parasitizing Domestic Water Buffalo, *Bubalus bubalis* from India. *International Journal of Zoological Investigations*. vol.7(2) .pp.740-750.
12. **Chauhan, B.**, Chudhary, A., Tyagi, A., Sharma, B and Singh, H.S. Proteomic insights into the biology of *Clinostomum piscidium* from a fish, *Colisa fasciatus* in India using computational tools . *Journal of Applied and Natural Science*. vol.13(2). <http://doi.org/10.31018/jans.v13i2.2596>.
13. Tyagi, A., **Chauhan, B.**, Sharma, A and Sharma, B .Genomic insights into the Biology of Digenetic Fluke, *Explanatum explanatum* infecting Domestic Water Buffalo, *Bubalus bubalis* from India: New Targets for Drug Designing. *International Journal of Zoological Investigations*. vol.7(2) .pp.409-413.
14. Tyagi, A., **Chauhan, B.**, Sharma, A and Sharma, B .Integrative Genomic Analysis of rDNA from Zoonotic gastrointestinal parasite , *Fasciola gigantica* parasitizing *Bubalus bubalis* from India. *International Journal of Zoological Investigations*. vol.7(2).pp. 486-490

2020

15. **Chauhan, B.**, Sharma, B and Singh, H.S. SWISS-MODEL : A Web-Based Computational Tool for Designing of Protein Structures. *Biotech Today* .vol.10(2):pp.34-36

2017

16. Poster Presentation on topic entitled “**Genetics of Lung Cancer-Disease Causing and Risk Factors**” in Maitreyi College , University of Delhi .
17. Bhati, S ., **Chauhan, B .**, Kaur, J and Sharma, P. Genetics of Lung Cancer-Disease Causing and Risk Factors . *International Journal of Biotechnology and Biomedical Sciences*, vol.2(3), pp.190-196.
18. Poster presentation on topic entitled “ **Education for Sustainable Development** “ in National Symposium on Biodiversity and Natural Resources For Sustainable Development (BNRSD-2017).

Conference / Presentations /Workshops

1. Attended three (Online) days International Conference organized by Zakir Hussain College, University of Delhi from 25th -27 May, 2022.
2. Attended one week (Online) Interdisciplinary Faculty Development Programme (FDP) on “Roadmap for building New India with New Education Policy” organized by Hansraj College,

University of Delhi from 21st – 25th July, 2021.

3. Participated and gave oral presentation on the topic entitled “Integrative Genomic analysis of *Explanatum explanatum* from Domestic African water buffalo, *Bubulas bubalis* : Crucial component of Cell signaling and Immune response” in International Conference on Environment, Agriculture ,Human and Animal Health (Virtual) on 5-6th June,2021.
4. Attended two week Workshop (Online) on “Tools and Techniques in Stastical Analysis” organized by Acharya Narendra Dev College, University of Delhi from 6-19 April,2021.
5. Attended 4 days Hand on Workshop (Online) on “Research Methodology” organized by Deshbandhu College, University of Delhi from 1-5 April,2021.
6. Attended one day online “International Bacteriophage Research Consortium “.by Prof Graham Hatfull on 17th June,2020.
7. Attended one day Workshop(Virtual) on “Prominence of Animals in Research” organized by IIT Ropar, on 10th July,2020.
8. Participated and gave poster presentation of the paper entitled” Education for Sustainable Development “ in National Symposium on Biodiversity and Natural Resources For Sustainable Development and 37th Annual Session of Academy Of Environmental Biology,Lucknow on 24-26 November,2017.
9. Attended 4th International Conference on Science and Arts of Holistic Health : Issues, challenges, opportunities, prevention, awareness on 25th February,2017.
10. Participated and gave poster presentation of the paper entitled” Genetics of Lung Cancer-Disease Causing and Risk Factors “in National Conference “ Interdisciplinary : Prospects and Challenges” held at Maitreyi College , University of Delhi from April 5-7,2017.

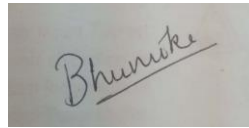
Research Projects (Major Grants/Research Collaboration)

None

Association With Professional Bodies

None

Other Activities



Signature of Faculty Member