

CURRICULUM-VITAE

JYOTI SINGH

Date of Birth: 25.08.1977

Father's name: Dr. J.K Singh

Nationality: Indian

**Official Address: Department of Zoology, Maitreyi College, University of Delhi,
Chanakyapuri, Delhi-110021**

**Residential address : 360-E, F/F Shitala Mata Mandir Gali, Bhola Nath Nagar, Shahdra,
Delhi-110032.**

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Educational Qualification: M.Sc., M.Phil., PhD

Area of specialization- Biochemistry

Additional qualification:

Qualified CSIR-UGC National Eligibility Test (NET) JRF in 2002

Awarded CSIR- SRF

**Designation and Affiliation: Associate Professor, Department of
Zoology, Maitreyi College, University of Delhi**

LIST OF PUBLICATIONS

1. Meena Yadav, Jyoti Singh*, Vidhu Kaushik et al.,(2022) Assessment of status, awareness and attitude associated with childhood immunisation in Delhi-NCR.
2. Brototi Roy, Jyoti Singh*, Tanya Dewan (2020). A comparative study of antioxidant activity and total phenolic content of fresh juices of some common Indian fruits with their commercial counterparts. *Current Science*, 118, 300-304.
3. Jyoti Singh, Brototi Roy* , Jaldhi, Shruti Mishra and Rashi Garg (2020). Post Harvest Treatment for Preserving Antioxidant Properties and Total Phenolic Content of Tomatoes and Litchis. *Vantage: Journal of Thematic Analysis*, Vol 1, 125-135.
4. J Singh, B Roy, A Yadav, S Siddiqui, A Setia, R Ramesh, K Singh (2018). Cervical cancer awareness and HPV vaccine acceptability among females in Delhi: A cross-sectional study. *Indian Journal of Cancer*. Vol 55: 233-237
5. Roy B., Singh J*., Dayal G., Sunsunwal S., Yadav B., Bhardwaj C., Teotia A., (2017). Detection of harmful adulterants in milk supplied to Delhi, India. *Current Science*. Vol. 112: 2316-2320. Impact factor-0.843. ISSN: 0011-3891
6. J Singh, B Roy , G Dayal , S Sunsunwal, B Yadav, C Bhardwaj, A Teotia (2015). Detection of common adulterants in milk from Delhi and NCR. *DU Journal of Undergraduate Research and Innovation*. Volume 1, Issue I. ISSN: 2395-2334
7. J Chaudhry, NN Ghosh, K Roy, R Chandra Antihyperglycemic effect of a new thiazolidinedione analogue and its role in ameliorating oxidative stress in alloxan-induced diabetic rats. *Life Sciences* 80 (12), 1135-1142.
8. Jyoti Chaudhary Narendra Nath Ghosh, Dipti Mangal (2005) *Advances in the Chemistry of Thiazolidinediones as Antidiabetic Agents*. *Indian Journal of Chemical Society*

RESEARCH GUIDANCE:

Mentored Annual Research project (ARP, Maitreyi College) of seven undergraduate students in 2019-20

Mentored summer internship project (SIP, Maitreyi College) of three undergraduate students in 2019

Mentored summer internship project (SIP, Maitreyi College) of one undergraduate student in 2018

Mentored five undergraduate students in the DBT Star College Scheme funded research project entitled “Cervical cancer awareness in Delhi and NCR” in 2016

Guided five undergraduate students in DBT Star College Scheme funded research project entitled “ Milk adulteration in Delhi and NCR” in 2015.

CONFERENCES AND SYMPOSIA ATTENDED

International:

Oral presentation in International e-Conference on Elements of Science in Sanskrit: a perspective held from 28th-30th Nov,2020

Poster presentation Diabetes mellitus: oxidative stress and role of thiazolidinediones in International Conference on Biological Timing and Health Issues in 21st Century, held in Department of Zoology, University of Delhi from 22nd -24th February, 2017.

Poster presentation in International Symposium on Ciliate Biology held at New Delhi from April 4th-6th, 2018

National:

Presented Poster in National Conference Disease & Drugs: Emerging Trends and Challenges, held from 31st January- 1st February, 2018

Presented poster in National Conference Environmental Concerns of 21st Century: Indian & Global context, held from 27-28th March, 2018

Participated and presented paper in 2nd National Conference on ‘Environmental Concerns of 21st Century: Indian and Global Context’, 29-30th Mar.2017, organized by Zakir Husain Delhi College (Evening), University of Delhi.

Presented poster in National Symposium on Lifestyle and Reproductive Health Challenges, Organised at Daulat Ram College, University of Delhi on 29th March, 2017

Presented Poster in National Conference on Interdisciplinary: Prospects and Challenges held from 5th -7th April, 2017 at Maitreyi College

Poster presentation in National Conference on Nanoscience-Opportunities and Challenges held at Department of Chemistry, Maitreyi College, University of Delhi from February 19-20, 2016.

Poster presentation in National Symposium on Man-made diseases: An urban menace held at Zoology Department, Maitreyi College, University of Delhi from February 11-12, 2016.

Administrative Responsibilities:

- ◆ Liaison officer, Maitreyi College, University of Delhi since 2014
- ◆ Nodal Officer, Evaluation of undergraduate courses, Maitreyi College 2021
- ◆ Departmental Coordinator, Star College Scheme, Department of Biotechnology, Government of India, New Delhi, from 2014-2017
- ◆ Chief Editor, Annual College magazine, *Maitreyi* since 2018
- ◆ Convenor, International Webinar on Foraging your career : A career counselling session on 9th April, 2022
- ◆ Resource person, Module developer, Short term course on ICT in Digital Learning and Data Management held from 17th Jan-26th Feb, 2022
- ◆ Convenor, Second International Research Conference on Sanskrit studies across the world held in Maitreyi College from 1st-2nd March, 2022
- ◆ Co-convenor, National Webinar on Understanding the Omicron, organised in Maitreyi College on 10th January 2022
- ◆ Member, Organising Committee, National competition to celebrate International Day of Person with Disabilities, held 3rd Dec, 2021
- ◆ Convenor, Three-Months Online Skill Development Certificate Course organised in International collaboration with School of Indic Studies, Institute of Advanced Science, USA on Applications of Digital Tools in Teaching & Learning Indian Languages (17th April, 2021 – 31st July, 2021)
- ◆ Member, Organising Committee, National Webinar on Long covid: vaccination and future held on 22nd August, 2021
- ◆ Jury member, National Competition cum webinar on Gandhi and his values under Vidya Vistaar scheme of Delhi University held on 2nd Oct, 2021
- ◆ Member, Organising Committee, National Level Faculty Development Program/Refresher Course on Emerging Accessible Technologies for Teachers in Higher Education, held in Maitreyi College from 20th Mar-3rd Apr, 2021
- ◆ Resource person, Module developer, Short term course on ICT in Digital Learning and Data Management held from 17th Jan-26th Feb, 2022

- ◆ Co-Convenor, National Webinar on Covid- 19 : Issues with family organised by Maitreyi College on 7th May, 2020)
- ◆ Convener, Three Months Certificate Course of Skill Development on Applications of ICT Tools in Teaching & Learning Indian Languages 31st January, 2020 to 30th April, 2020
- ◆ Convenor, One Week National Workshop of Skill Development on Applications of ICT Tools in Teaching & Learning Indian Languages 14-20 January, 2020
- ◆ Member, Committee of Courses for Undergraduate and Honours in Zoology, University of Delhi since February 2022
- ◆ Member, Internal Quality Assurance Cell, Maitreyi College, University of Delhi (2016-18)
- ◆ Member, NAAC committee, Maitreyi College, since 2021

- ◆ Member, Organizing Committee, International Symposium on Ciliate Biology held at New Delhi from April 4th-6th, 2018
 - ◆ Resource Person in Confluence 16', Science Fair for School Students held in Maitreyi College on 21st January, 2016
 - ◆ Convenor, Organizing Committee of two-day National Symposium "Man-made diseases: an urban menace" funded by UGC and ICMR in February, 2016
 - ◆ Resource Person, Hands-on training session on working with Microsoft word, Microsoft excel in FDP on Self-Empowerment through Digital Tools, held from 18th July-27th July, 2016
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- ◆ Member, Organising Committee in Confluence 16', Science Fair for School Students held in Maitreyi College on 21st January, 2016
 - ◆ Member, Organizing committee, National Conference on "Interdisciplinarity: Prospects and Challenges" from 5th-7th Apr, 2017
 - ◆ Resource Person in National Workshop on Advanced Biological Techniques held in Maitreyi College from December 2-8, 2015
 - ◆ Member, Organizing Committee of National Workshop on Advanced Biological Techniques held in Maitreyi College from December 2-8, 2015
 - ◆ Resource Person, workshop, Understanding dynamics....Techniques, held in Maitreyi College from 6th-10th July, 2015
 - ◆ Member, Organizing Committee of one-day Conference "Recent Trends in Biology" held under Star College Scheme of DBT in February 2015
 - ◆ Convenor, two-day workshop on Bioinformatics for Science Faculty of Maitreyi College from February 23-24, 2011 under the Competence Building Scheme of UGC
 - ◆ Member, Committee of PG Diploma in Nanotechnology, 2014
 - ◆ Member of Advisory Committee of Star College Scheme funded by Department of Biotechnology, Government of India
 - ◆ Member, Governing Body of Maitreyi College from 2009-10
 - ◆ Deputy Coordinator of Central Evaluation Centre, University of Delhi, University of Delhi since 2016
 - ◆ Screening Committee member for post of Assistant Professor, Department of Sanskrit & Dept. of Hindi, University of Delhi
 - ◆ Observer, Selection committee for post of Assistant Professor, Maitreyi College, University of Delhi