

**Dr Romila Rawat Bisht**

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**Designation:** Associate Professor

**Official Address:** Department of Botany, Hansraj College

**Residential Address:** T-4/701 Parsavnath Regalia, GT Road, Sahibabad, Ghaziabad, Uttar Pradesh -201005

**Permanent Address:** Village Ghusela, P.O. Chhatena, Dwarhaat, District Almora, Uttarakhand - 263653

**Teaching experience:** 12 years + 9 months

**Education qualification:** M.Sc. (Botany), Ph.D.

**Subject interest:** Microbiology and Phycology  
Plant Physiology  
Plant Reproductive Biology and Conservation Biology

**Title of thesis:** Reproductive Biology and Diversity of Morphological and Economically Important Features of two Endemic species of Western Ghats – *Garcinia indica* Choisy and *Vateria indica* Linn.

**SUMMARY OF QUALIFICATIONS:**

| Examination or Degree     | Name of Board                         | Subjects                  | Year       | Percentage of marks obtained | Class or Division |
|---------------------------|---------------------------------------|---------------------------|------------|------------------------------|-------------------|
| Ph. D.                    | University of Delhi                   | Botany                    | 2009       | NA                           | NA                |
| National Eligibility Test | CSIR-UGC                              | Life Sciences             | June, 2002 | NET-JRF qualified            | NA                |
| M.Sc.                     | University of Delhi (Hansraj College) | Botany                    | 2002       | 75.6%                        | I                 |
| B.Sc.                     | University of Delhi (Hansraj College) | Botany Zoology, Chemistry | 2000       | 74.6%                        | I                 |

|                      |          |                                                                      |      |       |   |
|----------------------|----------|----------------------------------------------------------------------|------|-------|---|
| A.I.S.S.C.E<br>(XII) | C.B.S.E. | English, Mathematics,<br>Physics, Chemistry,<br>Biology              | 1997 | 75.4% | I |
| A.I.S.S.E (X)        | C.B.S.E. | English, Hindi, Sanskrit,<br>Mathematics, Science,<br>Social studies | 1995 | 83.8% | I |

### TEACHING EXPERIENCE:

Guest Faculty in Department of Botany at SGTB Khalsa College from 31<sup>st</sup> July 2006 to 31<sup>st</sup> November 2006.

Adhoc Faculty in Department of Botany at Hansraj College from 1<sup>st</sup> December 2006 to 9<sup>th</sup> December 2010.

Permanent Faculty in Department of Botany at Hansraj College from 13<sup>th</sup> December 2010 to till date.

**Resource person** in Faculty Development Programme on “**Insights into Plant Reproductive Ecology**” (**Hybrid Mode**) organized by Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), Hansraj College from 1<sup>st</sup> - 8<sup>th</sup> September, 2025.

**Resource person** in Workshop to review NCERT’s Secondary Stage Science Kit in light of NEP 2020 and NCFSE-2023, organized by Division of Educational Kits (DEK) NCERT under PAC approved program (9.01), held from December 2-6, 2024.

**Resource person** in one-day workshop for content team on Science Projects organized by “Skilling you” held on 10th March, 2024.

**Resource person** in the seminar on "Developing Scientific Temperament into Young Kids" organized by “Deep Parenting” held on 26th August, 2023.

**Master of Resource person** in capacity building workshop for teachers on Life Science for teachers organized by Millennium India Foundation, catalyzed and supported by NCSTC, DST, Government of India held on October, 17-18, 2022

**Resource person** in Training/ Workshop for Laboratory Staff, organized by Department of Botany in collaboration with RDC, Hansraj College on topic "Collection and Fixation of lab study material" held on October 14, 2022

**Resource person** in seminar organized by Haritima, environment Society of Hansraj College on topic "Go green vs Green washing, September 18 2022.

**Master of Resource person** in capacity building workshop for teachers on Life Science for teachers organized by Millennium India Foundation, catalyzed and supported by NCSTC, DST, Government of India held on September, 28-30, 2022

**Master of Resource person** in capacity building workshop for teachers on Life Science for teachers organized by Millennium India Foundation, catalyzed and supported by NCSTC, DST, Government of India held on September, 2-4, 2022

**Master of Resource person** in capacity building workshop for teachers on Life Science for teachers organized by Millennium India Foundation and ASN Senior Secondary School, Delhi, catalyzed and supported by NCSTC, DST, Government of India held on August, 22-24, 2022

**Master of Resource person** in capacity building workshop for teachers on Life Science for teachers organized by Millennium India Foundation, catalyzed and supported by NCSTC, DST, Government of India held on August 7, 2022

**Master of Resource person** in capacity building workshop for teachers on Life Science for teachers organized by Millennium India Foundation, catalyzed and supported by NCSTC, DST, Government of India held on May 14, 2022

**Master of Resource person** in capacity building workshop for teachers on Life Science for teachers organized by Millennium India Foundation, catalyzed and supported by NCSTC, DST, Government of India held on May 12, 2022

**Resource person** in Low cost No cost workshop on Life Science for teachers organized by Millennium India Foundation, in association with District Inspector Schools and Basic Sikhsha Adhikari, Department of Education, Gautam Budh Nagar, catalyzed and supported by NCSTC, DST, Government of India held on March 3-5, 2022.

**Resource person** in Low cost No cost workshop on Life Science for teachers organized by Millennium India Foundation, in association with District Inspector Schools and Basic Sikhsha Adhikari, Department of Education, Ghaziabad, catalyzed and supported by NCSTC, DST, Government of India held on February 5-7, 2022.

**Resource Person** in Workshop on “Development of Manuscript of Video Guide on the use of Secondary Science Kit” organized by Division of Educational Kits, NCERT on February 17-20, 24-25 and 27-28, 2020.

**Resource person** in Workshop on “Development of Scripts for the modules of Training Package in Biology for teachers at Higher Secondary Stage for dissemination in MOOC format”, organized by the Department of Education in Science and Mathematics, NIE, NCERT on November 26, 28, 29, 2019.

**Resource person** in “Workshop on Hands on Training Program for Laboratory Staff” organized by IQAC and Department of Botany, Hansraj College held on June 18 and 19, 2019.

**Resource person** for workshop entitled “Mapping of QR codes in Textbook of biology Class XI with e-Content”, organized by Department of Education in Science and Mathematics, NIE, NCERT, New Delhi from March 11-13, 2019

**Academic Counselor** for B.Sc. Programme for courses LSE12, LSE13, LSE14L at IGNOU Study Centre-29052, Hansraj College till December 31, 2018.

**Resource person** at workshop on “Computer Proficiency in Day to Day Work and Dealings in Workplace And Public Life” organized by IQAC and Department of Botany, Hansraj college on 6<sup>th</sup> July, 2017.

**Resource person** in Workshop entitled “Development of e-resources in biology at Higher Secondary Stage”, 3-8 February, 2017, organized by Division of Education in Science and Mathematics, NCERT, New Delhi.

**Resource person** in Workshop entitled “Basic Laboratory Techniques for undergraduates, 21-23 January, 2017, organized by Department of Botany, Hansraj University of Delhi.

**Resource person** in Workshop entitled “Development of e-resources in biology at Higher Secondary Stage”, 26-30 September, 2016, organized by Division of Education in Science and Mathematics, NCERT, New Delhi.

**Resource person** in Workshop entitled “Review and development of existing Science Kit for Upper Primary and Secondary Stage”, 13-15 January, 2016, organized by Division of Educational Kits, NCERT, New Delhi.

**Resource person** in workshop for on “Skill Development of Laboratory Staff” from December 28-31, 2015 organized by Department of Botany, Hansraj College.

## RESEARCH PROJECT:

Research Project September 14, 2022- September 13, 2024: *To study the diversity of trees and document the associated ecosystem services in North Campus area of University of Delhi.* Funding agency: RDC Hansraj College. Budget 1 lac.

Innovation project 2015-16 HRC 302: *Development of Mobile Based Application for the Real Time Localization Identification of selected Flora in University of Delhi.* Funding agency: University Innovation cell. Budget 4.5 lacs.

***App named Tree Locator is available at Google play store***

## PUBLICATIONS:

Formulation Strategies and Challenges for Polyphenol Nutraceuticals. In: Upadhyay, R. and Singh, C. (eds) Polyphenols, Nutraceuticals and Health Care. Taylor & Francis Group, Boca Raton London NewYork. 2026. Doi.10.1201/9781003588504. (Romila Rawat Bisht and Ishwar Singh)

*Cydonia oblonga* (Quince): Economic, ethnobotanical and ecological perspectives 2025. Pleione 19(1): 95 - 107. doi:10.26679/Pleione.19.1.2025.095-107. (Romila Rawat Bisht, Tanzeela Nazir, Shweta Subramanian and Monika Koul)

Impact of Fast Fashion Trends and Knowledge of Environmental Impact on Consumer Behaviour: Promoting Process Safety and Responsible Consumption (SDG 12). 2025. Environmental science archives. 4(2):521-530. (Monika Koul, Ashish Tiwari, Kabir Khanna, Romila Rawat Bisht and Shafali Garg)

Brassinosteroids-Mediated Regulation of Plant Biology Under Heavy Metal Stress: Physiological and Molecular Aspects. In: Sharma, A., Chauhan, D.K., Tripathi, D.K. (eds) Hormones and Heavy Metals. Plant Life and Environment Dynamics. Springer, Singapore, 2025 pp 71–84

[https://doi.org/10.1007/978-981-96-9622-2\\_5](https://doi.org/10.1007/978-981-96-9622-2_5) (Sadaf Shehzad, Lalit Kumar, Romila Rawat Bisht, Sheen Tickoo, Sahil Mehta, Kaveri Umesh Kadam, Bindu Yadav & Om Prakash Narayan)

Curcumin – Extraction, Synthesis and Application in Modern Drug Research: A Mini Review in International Journal of Food And Nutritional Science, 2022 Vol.11, Iss.11; e-ISSN 2320 –7876 [www.ijfans.org](http://www.ijfans.org)

(<https://www.ijfans.org/uploads/paper/d7260c4bc325a0bd5e20cfa4577bdaea.pdf>) pp. 527-544 (Sujata Sengupta, Sharda Mahilkar Sonkar, Anand Sonkar, Romila Rawat Bisht, Richeek Debnath, Khyati Kinger, Dinesh Kumar Gautam)

Effect of Gibberellic Acid and Different Salt Concentrations on Germination of *Cicer arietinum* L. (Chickpea) in Applied Ecology and Environmental Sciences, 2022, Vol. 10, iss 9; ISSN (Online): 2328-3920 Available online.(<http://www.sciepub.com/aees/content/10/9>) pp 565-567 (Anand Sonkar, Shalini Kaushik Love, Romila Rawat Bisht, Sharda Mahilkar Sonkar, Saumya Agrawal, Gunjan Verma, Rishu Raj, Gaurav Bansal , Nitasha)

Paper entitles “Detection of adulteration in daily food items: Insights into laboratory procedures” in Shodh Sudha A research Journal for Interdisciplinary Studies. ISSN – 2582-9777 Vol 1(1) pp 20-26, 2020

Chapter entitled “Autotrophic Nutrition”, published in Book entitled “Biology: Programme for S5 Rawanda Project. Eds. A Hutten, N Gandhi, P Arora and NS Singh. Khosla publishing House, Daryaganj, Delhi. ISBN: 978-93-83996-88-9, pp 157-178, 2016.

Chapter entitled “*Reproductive success of Angiosperms in Response to Climate: An Assessment*” in Plant Reproductive Biology and Conservation. Eds. R Kapoor, I Kaur and M Koul. I.K. International Publishing House Pvt. Ltd. New Delhi. ISBN 978-93-82332-90-9, pp 401-423, 2015.

Research paper entitled “*Air cavities in Anther Connective of Mastixia Arborea* (Cornaceae)” in Phytomorphology (International society of Plant Morphologists) ISSN – 0031-9449 in Vol. 58(1&2) pp 81-83, 2008.

## ABSTRACTS PUBLISHED IN NATIONAL AND INTERNATIONAL CONFERENCES:

Oral presentation on “The Role of Botany in India's Youth-Led Environment Conservation” in Viksit Bharat Conclave, organized by Hansraj College, University of Delhi, held on January 12-13, 2026 at Vigyan Bhawan, Delhi.

Oral presentation on “Is India Ready for Fungal Mycelium – An Ecofriendly Alternative to Fashion Industry?” in National Conference on Fungi for Bharat: fungi for better health, agriculture, remediation and technology, organized by Department of Botany, University of Delhi, held on November 20-22, 2025.

Oral Presentation on “*Vedic Traditions and Trees*” in Waves 2023, 27<sup>th</sup> India Conference on Man and Nature in Vedic Tradition: Modern Perspectives, organized by Department of Sanskrit, University of Delhi held on December 1, 2023 to December 4, 2023. {Saurabh Awasthi , Aanchal , Ayushi Tiwari , Somya , Kasturi Saha , Mitushi Khurana , Anand Sonkar , Vijay Rani Rajpal , Romila Rawat Bisht and Dinesh Kumar Gautam}

Oral paper presentation entitled “***Innovative Approaches to the use of energy resources: A need for higher education***” in National Education Conclave Organized by Hansraj College, University of Delhi, held on 23-24 March, 2023.

Oral paper presentation entitled “Understanding the ecological challenges of *Cydonia oblonga* (Quince), an underexploited temperate medicinal tree in Northern India” in National Conference on Medicinal Plants: Frontier Areas of Research and Developments, organized by Department of Botany, Hansraj College, University of Delhi, held on 16-17 March, 2023.

Oral paper presentation entitled “***Garcinia indica: An Indian tree species with a potential to cure obesity***” in online International Conference on Emerging Trends in Chemical and Applied Sciences for Sustainable Future Organized by Department of Chemistry, in association with IQAC, Hansraj College, University of Delhi on 30<sup>th</sup> October, 2021.

**Development of Mobile based application for the localization and identification of selected flora of University of Delhi** at Innovation Conclave 2016, organized by Acharya Narendra Dev College, University of Delhi. October 25-26, 2016.

**Rawat Bisht Romila and Bhatnagar AK, 2016. Analytical study of morphological and economically important traits of *Garcinia indica* in Role of Analytical Sciences in Sustainable Development** Organized by: Department of Chemistry, Hansraj College, University of Delhi, India in collaboration with Indian society of Analytical Scientists-Delhi Chapter (ISAS-DC) and **Petrotech Society** Dates: 4-5 March 2016. J. Integr. Sci. Technol., 2016, 4(2), S1-S23 S12

[www.pubs.iscience.in/journal/index.php/jist/article/download/408/228](http://www.pubs.iscience.in/journal/index.php/jist/article/download/408/228)

Bhatnagar AK, **Rawat-Bisht R** and Talwar S, 2007. **Conservation of Medicinal Trees with special Reference to Plant Diversity in Western Ghats of India.** In: 3<sup>rd</sup> Global Summit on Medicinal and Aromatic Plants (GOSMAP-3), organized by Chiang Mai University, International Academic Services, Thailand and Century Foundation, India, held at Chiang Mai, Thailand, November 21-24, 2007.

**Rawat-Bisht R** and Bhatnagar AK, 2006. **Genetic Diversity in *Garcinia indica*.** In: International Seminar on Forests, Forest Products and Services: Research, Development and Challenges Ahead, held at HNB Garhwal University, Uttarakhand, India, November 1-3, 2006.

Talwar S, **Rawat R** and Bhatnagar AK, 2006. **Role of Pollinators in Conservation of Biodiversity.** In: National Conference on “Biodiversity Related International Conventions: Role of Indian Scientific Community” organized by the Delhi University Botanical Society and International Society of Plant Morphologists, held at INSA, New Delhi, India, March 8-10.

**Rawat R** and Bhatnagar AK, 2005. **Flowering and Pollination in *Garcinia indica*.** *Acta Biologica Cracoviensia* 47 (1): 45 In: XII International Conference on Plant Embryology held in Cracow, Poland, September 5-7, 2005.

Tomar M, Kapoor R, **Rawat R** and Bhatnagar AK, 2005. **Ultra-structural changes caused by fungal infection in mustard seeds during storage**. In: Conference on Resource Development and Marketing Issues in Rapeseed-mustard, National Institute of Agricultural Marketing, Jaipur, Rajasthan, India.

## **SHORT COURSES, FACULTY DEVELOPMENT PROGRAMMES, WORKSHOPS, CONFERENCES AND SEMINARS PARTICIPATED:**

National Webinar on “*Mental Health Awareness: How to survive in difficult and stressful situations*” organized by Atal Bihari Vajpayee Government Degree College Takipur, Kangra Himachal Pradesh University, held on 5th February 2025.

Training on POSH act, 2013 – The sexual harassment of women at workplace (prevention, prohibition and redressal) Act 2013, organized by Tech Trainers and Testers, Pune, held on May 24, 2024

Seminar on “Familiarization with Service Rules” held at Hansraj College, University of Delhi organized by the Staff Association, Hansraj College, University of Delhi, held on April 22, 2024

Two weeks online training workshop on “NEP 2020 Orientation & Sensitization Program, organized by Mahatma Hansraj – Malaviya Mission Teacher Training Centre, Hansraj College, University of Delhi, held from January 1, 2024- to January 14, 2024.

One week faculty Development Program on “The World’s Oceans - Evolving Perspective in a Changing Climate” organized by Miranda House, University of Delhi and Centre for Atmospheric Sciences, IIT Delhi in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi, held on 9<sup>th</sup> October, 2023- to 14<sup>th</sup> October, 2023.

Workshop on “Planning, Conducting and Writing up of Small research Projects, organized by IIC and RDC, Hansraj College in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi held on 28<sup>th</sup> July, 2023.

Workshop on Hydroponics-Smart Urban Farming organized by the Department of Botany Kirori Mal College, University of Delhi in collaboration with IARI, New Delhi, held on March 11, 2023

National Conference on Advances in Plant Biology 2022 organized by the Department of Botany Hansraj College, University of Delhi, held on December 9, 2022.

Webinar on Bio-entrepreneurship Prospects, challenges and opportunities in India, organized by Department of Botany, Hansraj College on 26 November, 2022.

Two weeks (Online) Interdisciplinary Faculty Development Programme on “Introduction to Python Programming” organised by Delhi Effective Education & Pedagogy Cluster in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi, held on 8 th August – 19th August, 2022

Webinar on “Accelerate your research Using Elsevier’s Scopus”, organized by Elsevier held on February 11, 2022.

IP awareness and Training Program under National Intellectual Property Awareness Mission, organized by Intellectual Property Office India, in association with Government of India, Ministry of commerce and Industry, Department of Promotion of Industry and Internal Trade, Office of Controller of General of Patents, Designs and Trademarks, held on January 12, 2022.

Six days workshop on Microbes for Sustainable and Resilient Future sponsored by Science and Engineering Research Board under Scientific Social Responsibility organized by Delhi University Botanical Society Department of Botany, University of Delhi from December 6-11, 2021

Faculty Development Program (one week) on Waste management during Pandemic and its impact on Circular Economy organized by Department of Chemistry and Commerce. Hansraj College in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi under PMMMNMTT from November 22 -26, 2021.

International Conference on Emerging Trends in Chemical and Applied Sciences for Sustainable Future Organized by Department of Chemistry, in association with IQAC, Hansraj College, University of Delhi on 30<sup>th</sup> October, 2021.

New Initiatives in Examinations and Evaluation by University of Delhi Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi on 10<sup>th</sup> July, 2021.

Two week faculty development programme on “Transformation in Higher Education, Issues and Road Ahead” organized by Government Degree College Anantnag in association with Mahatma Hansraj faculty Development Centre, Hansraj College under PMMMNMTT held from September 28, 2020 to October 12, 2020.

International **Webinar** on “Recent trends in Systematics Biology” organized by Government post Graduate College Nagnath Pokhari (Chamoli) Uttarakhand, Department of higher education. Uttarakhand, India held on July 28, 2020.

Webinar on “Student Learning Centre: Objectives and Perspectives” organized by Student Learning Centre, IQAC Hansraj College held on July 7, 2020.

**Webinar** on “Basic Documentation for Teachers” organized by IQAC Hansraj College under Paramarsh Scheme, University of Delhi held on June 22, 2020.

**Webinar** on “Medicinal Plant: Eternal Source of Health and Wellness” organized by Department of Botany, Swami Shraddhanand College, University of Delhi held on June 17, 2020.

**National Webinar** on “Shift in Paradigm: Online Education” organized by Zakir Husain College in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi held on June 9-11, 2020

**National Webinar** on “Biodiversity and Conservation (NWBC 2020)” organized by Department of Botany, Daulat ram College, University of Delhi held on June 8, 2020.

**National Webinar** on “Biodiversity and Man” organized by Department of Botany, Dyal Singh College in collaboration with Society of Ecological Research and Natural Resource Management on held June 5, 2020

**National Webinar** on “Entrepreneurship Aspects of Biodiversity Conservation and Indigenous Healing Practices of Northeast India” organized by IBSD Centre Kalindi College, University of Delhi held on June 2, 2020.

**Six days online Faculty Development Programme** on “Environmental Impacts of Covid 19 Pandemic Challenges and Future Research” organized by University School of Environmental Studies, GGIPU held from May 27, 2020 to June 1, 2020

**National Webinar** on “काम काज के बदलते तौर तरीके” organized by Hansraj College, University of Delhi held on May 27, 2020 (4:00 PM to 5:00PM).

**Webinar** on “New Opportunities in Medical Plant Sector for farmers and Entrepreneurs” organized by Department of Life Sciences, Mansarovar Global University held on May 24, 2020.

**Webinar** on “Role of ICC and Prevention, Prohibition and Redressal of Sexual Harassment of Workmen at Workplace” organized by Internal Complaints Committee, Hansraj College, University of Delhi held on May, 22, 2020.

**Webinar** on “Plant Biology: A Journey from Earth to Space” organized by Department of Botany, Ramjas College, University of Delhi held on May 22-23, 2020.

**International Webinar** on “Biodiversity and Environmental Health”, organized by Department of Environmental Studies, Shivaji College, University of Delhi held on May 20, 2020.

**Webinar series** on Citizen Science: Science communication in times of Covid 19 organized by National Council for Science and Technology, GoI and Gujarat Council for Science and Technology, DST Government of Gujarat from May 10, 2020 to May 16, 2020.

- Communicating Science to the citizen during Covid 19 Pandemic: Be prepared not panic held on May 11, 2020 (10:00 AM to 11:00 AM)
- Learning to Live with virus held on May 12, 2020 (10:00 AM to 11:00 AM)

- Genome Sequencing in search of Vaccine for Coronavirus held on May 13, 2020 (10:00 AM to 11:00 AM)
- Coronavirus lockdowns: effects on Seismic noise and seismicity held on May 14, 2020 (10:00 AM to 11:00 AM)
- S&T interventions in fighting Covid 19 pandemics held on May 15, 2020 (10:00 AM to 11:00 AM)
- Protecting from Corona innovative approach and solutions held on May 16, 2020 (10:00 AM to 11:00 AM)

**Five Days Online Faculty Development Programme** on “Experiential Learning: Gandhiji’s Nai Talim” organized by FDC, Mahatma Gandhi National Council of Rural Development, Department of Higher Education, MHRD GoI on May 11-15, 2020 (11:00 AM onwards)

**Webinar** on “Strengthening the Immune System with Naturopathy” organized by Department of Botany and IQAC, Hansraj College, University of Delhi on May 6, 2020.

**Webinar** on “Search Research and Publication Ethics” organized by Library Kalinidi college, University of Delhi on May 4, 2020.

**Webinar** on “Leadership Role in Uncertain Times” organized by Mahatma Hansraj Faculty Development Centre, Hansraj College on April 30, 2020.

**Webinar** on “Teachers and Technology: The road ahead” organized by Mahatma Hansraj Faculty Development Centre, Hansraj College on April 25, 2020.

**Seminar** on “Crime against Women in conflict areas and areas affected by natural calamities”, organized by Women Development Cell, Hansraj College and National Commission for Women on January 31, 2020.

**International Hindi Conference** on “नई दुनिया, नया भारत, नई हिंदी” organized by Hansraj College, on January 10-11, 2020.

**Workshop** for teachers of Botany on “Evolving Face of Microscopy: Magnifying Lens to Nanoscope”, organized by Miranda House and Department of Botany, University of Delhi on December 11-12, 2019.

**National Leadership Summit** on “Excellence in Higher education: current Challenges and Road ahead” organized by Mahatma Hansraj Faculty Development Centre and IQAC, Hansraj College on December, 6-7, 2019

**Workshop** on “Creating awareness on Intellectual Property” organized by Intellectual Property office, Government of India, Ramjas College, University of Delhi and Confederation of Indian Industry on September 4, 2019.

**National seminar** on “Draft New Education Policy”, 2019 organized by Mahatma Hansraj Faculty Development Centre, Hansraj College on August 10, 2019

**One week Workshop** on “MOOCs, e-content Development and Open Educational Resources”, organized by Centre for Professional Development in Higher Education, Human Resource Development Centre, University of Delhi on March 13-19, 2019

**International Conference** on “Integrative Chemistry, Biology and Translational Medicine” organized by the Centre for Global Health, Hansraj College, University of Delhi and Loyola University of Chicago Stritch School of Medicine USA on February 25-26, 2019

**Seminar** on “Innovations and young minds” conducted by Vigyan Prasara in collaboration with Society of General Awareness, Hansraj College, on February 9, 2019

Two week **Faculty Development Program** on “Challenges before the academia in the era of Gadgets, E-communications and AI” organized by Mahatma Hansraj Faculty Development Centre, Hansraj College from December 15 to 28, 2018

**Workshop** on “How to get published research papers in right Journals” organized by Hansraj College, in collaboration with Grace India Educational Charitable Trust Delhi on October 27, 2018

**Workshop** and Hands-on Experience in “Advance Spectroscopy and Dynamic Light Scattering” organized by Department of Zoology, Kirori Mal College on October 9, 2018

**Refresher Course:** UGC sponsored Refresher Course in Life Sciences, organized by Centre for professional Development in Higher Education, University of Delhi from July 17, 2018 to August 6, 2018.

**Indo-US Colloquium** on “Recent Developments in Interdisciplinary Research” organized by IQAC, Department of Chemistry, Hansraj College in association with Loyola University of Chicago Stritch School of Medicine USA on July 2, 2018

**National Conference** on “Technological Empowerment of Women” organized by the National Academy of Sciences, India on March, 8-9, 2018

World Wetland day celebration organized by Department of Environment, Govt of NCT, New Delhi on 2<sup>nd</sup> February, 2018

Participated in **STEM Teacher Training Workshop on Research Based Pedagogical Tools** held from December 10-13, 2017 at IIT Gandhinagar, sponsored by DBT, Newton Bhabha Fund of the British Council, IISER Pune, MHRD and IIT Gandhinagar; conducted by a team of experts from the Centre for Science Education, Sheffield Hallam University, UK.

**Workshop** on “Gardening: Cultivate learning and living” organized by SGTB Khalsa college, University of Delhi on September 20, 2017

**Innovation Conclave** – 2016 “Nurturing research at undergraduate level” organized by Acharya Narendra Dev College, University of Delhi from October 25-26, 2016.

**Workshop** entitled “Ecology: Modern Perspectives” organized by Department of Botany, Hansraj College University of Delhi on December 12 and 13, 2016

**Workshop** entitled “Ethnobotany: New Dimensions” organized by Department of Botany, Hansraj College University of Delhi from September 16 to 17, 2016.

**National Seminar** on “Role of Analytical Sciences in Sustainable Development”, at Hansraj College, University of Delhi, organized by Hansraj College an Indian Society of Analytical Scientists – Delhi Chapter and Petrotech Society of India on March 4-5 2016.

**Indo-Portugese Workshop** on “Emerging Trends of Nanotechnology in Chemistry and Biology (INCB 2016)” organized by Department of Chemistry, Hansraj College and Deshbandh8 College, University of Delhi in association with CQM, University of Madeira, Portugal held on February 12-13, 2016.

**Workshop/Seminar** on “Role of Technical Terminology in Higher Education”, organized by commission for Scientific and Technical Terminology, MHRD from July 23-24, 2015.

**Workshop** on “Reproductive Biology of Angiosperms” organized by ILLS and University of Delhi South Campus from March 16-17, 2015.

**Workshop** on “Development of Herbal Garden”, organized by saviours Eco club, Shivaji College, University of Delhi in collaboration with National Medicinal Plant Board, Ministry of Ayush, Government of India on January 29, 2015.

**National Symposium** on “Frontiers in Plant Molecular Biology” organized by Department of PMB, University of Delhi on September 27-28, 2013.

**Refresher Course:** UGC sponsored refresher course in Life Science/ Biological Science/ Bioinformatics, organized by Centre for professional Development in Higher Education, University of Delhi from February 25, to March 16, 2013.

**Workshop** on “Evaluation methodology”, organized by Centre for Professional Development in Higher Education, University of Delhi on November 8-10, 2012.

**Orientation course:** OR-69 (UGC sponsored orientation course), organized by Centre for professional Development in Higher Education, ILLS, University of Delhi from December 13, 2011 to January 9, 2012.

**National Workshop** on Evolutionary Perspectives in Modern Biological Teaching and Research, held on May 9-10, 2011, organized by ILLS, CPDHE and ANDC, University of Delhi

**National Symposium** on “Frontiers and Avenues in Plant Sciences”, organized by Shivaji College, University of Delhi from January 20-21, 2011.

**National Conference** on “Wetlands, Science and Society – An Assessment of their Integration”, organized By Delhi University Botanical Society, University of Delhi on December 11-13, 2007.

**International Seminar** on “Forests, Forests Products and Services: Research, Development and Challenges Ahead” organized by Department of Forestry, HNB Garhwal University, Srinagar, Uttaranchal India held on November 1-3, 2006.

**National Conference** on “Biodiversity Related International Conventions: Role of Indian Scientific Community”, organized by Delhi University Botanical Society, UOD held on March 8-10, 2006.

**Conference** on “New developments in Rapeseed Mustard”, organized by Mustard Research Promotion Consortium on January 21, 2006.

**Workshop** on “Safety Assessment of Genetically Modified Foods”, organized by AGBIOS Inc. Canada and Biotech Consortium India Limited on May 30-31, 2005.

**Conference** on “Resource Development and Marketing Issues in Rapeseed-Mustard” organized by National Institute of Agricultural Marketing Jaipur, India held on March 28-29, 2005.

**National Seminar** on “Genetically Modified Organisms – Biosafety Aspects” organized By DUBS, University of Delhi on March 10-11, 2005.

**National seminar** on “Climate Change in India and its Impact on Plant Diversity and Productivity”, organized By DUBS, University of Delhi on December 22-23, 2003.

**Symposium** on “Recent Advances in Biochemistry and Molecular Biology” at Department of Botany, University of Delhi held on February 10, 2001.

## **CONVENER / ORGANIZER**

**Coordinator** in One Week Faculty Development Programme (Hybrid Mode) on “Insights into Plant Reproductive Ecology” under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC) organized by Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), Hansraj College, University of Delhi in collaboration with Department of Botany, Hansraj College, held on 1<sup>st</sup> - 08<sup>th</sup> September, 2025

**Coordinator** in talk by Dr. Balakrishna Pisupati, Head, UNEP India on, “The Billions to Millions Dilemma- Exploring Current Restoration Pathways and Future Priorities”, organized by Society for Ecological Research and Natural Resources Management (SERNRM) in collaboration with Botanique and Disha IQAC, Hansraj College at Hansraj College, held on October 14, 2025.

**Coordinator** in the workshop entitled, “Laboratory Safety and Microscope repair & Maintenance”, for non-teaching staff of the Department of Botany, organized by Department of Botany and Internal Quality Assurance Cell (IQAC), Hansraj College, held on July, 18, 2025.

**Convener** of Faculty Development Programme on “Revolutionizing Agriculture: Novel Perspectives on Technological Innovations, organised by the Department of Botany and Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC) Hansraj College, University of Delhi, held on 1<sup>st</sup> – 6<sup>th</sup> April, 2024

**Member of Organizing Committee and Coordinator from Department of Botany**, of Workshop on Innovative Technologies in Scientific research, on the occasion of National Science Day 2024 organized by Indraprastha Vigyan Bharti, Department of Botany, Zoology, Physics, Chemistry and Computer Science, IIC, RDC, WDC Hansraj College, held on February 27-28, 2024.

**Member of organizing Committee** of the National Conference on Advances in Plant Biology (APB 2024) entitled “Innovations and Strategies for Sustainable agricultural Productivity for Viksit Bharat @2047, organized by Department of Botany in collaboration

with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi, Hansraj College, held on February 10, 2024

**Coordinator**, one day workshop on “Waste to Resource” organized by Garden Committee, Hansraj College, University of Delhi, held on October, 18, 2024.

**Convener, Motivation Talk by Acharya Pawan Sinha on “How to use inner power” organized by Nishtha**, Hansraj College, University of Delhi, held on November 6, 2023

**Member of organizing Committee** of the National Conference on Medicinal Plants: Frontier Areas of Research and Development, organized by the Department of Botany Hansraj College, University of Delhi held on March 16-17, 2023

**Coordinator** in One Day International (Online) Conference on “Insights into the Latest Developments in Fungal Biology (ILDfB -2022)” organised by Department of Botany and Research & Development Cell, Hansraj College in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi, held on September 3, 2022.

**Coordinator** Online Certificate Course on “Proficiency in Science Communication and Writing” organized by Hansraj College, University of Delhi, in year 2021-23

**Member of Organizing Committee**, two days International Conference on Insect and Pest Biology (2021), organized by Department of Botany Hansraj College in collaboration with Faculty Development Centre, Hansraj College, University of Delhi on 7<sup>th</sup> and 8<sup>th</sup> October 2021.

**Member of Organizing Committee in** International Conference on “Genetics and Genomics Technologies for Crop Improvement, organized by Department of Botany Hansraj College and International Maize and Research Centre (CIMMYT), Mexico in collaboration with Mahatma Hansraj Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi on 1<sup>st</sup> to 3<sup>rd</sup> August, 2021.

**Member of Organizing Committee**, one week faculty Development Programme on “Roadmap for building new India with New Education Policy” organized by IQAC Hansraj College in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi on 21<sup>st</sup> to 25<sup>th</sup> July, 2021.

**Co-coordinator** Online Certificate Course on “Proficiency in Science Communication and Writing” organized by Hansraj College, University of Delhi, in year 2020-21

**Co-convener** in 2-day National E-Conference on “Plant Science Research Relevance, funding, Challenges and Opportunities” organized by Department of Botany in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College under PMMMNMTT, held on January 16-17, 2021

**Co-convener:** Webinar for students on Capacity Building in Science Communication organized by Hansraj College, University of Delhi on June 16, 2020

**Co-convenor:** Webinar for students on Tools and Techniques for Detection of Corona Virus organized by Department of Botany, Hansraj College, University of Delhi under the aegis of DBT Star college scheme on May 14, 2020

**Organizer:** Webinar on for non-teaching staff लॉकडाउन के दौरान तन और मन की देखभाल organized by Department of Botany and IQAC, Hansraj College on May 13-14, 2020.

**Co-coordinator:** Three days Webinar for faculty on Covid 19: Challenges and Road Ahead organized by Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi on May 7-9, 2020

**Organizer: Webinar** on Strengthening the Immune System with Naturopathy organized by Department of Botany and IQAC, Hansraj College, University of Delhi on May 6, 2020.

**Co-convenor** in 3-days Faculty Development Programme on Fundamentals of Intellectual Property Rights, organized by Department of Botany, IQAC and Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi on January 23-25, 2020.

**Organizer:** in **Faculty Development program** on Agriculture Health and Society, organized by Mahatma Hansraj Faculty Development Centre, Hansraj College on March 15 and 16, 2019

**Member of Organizing Committee** in the INSPIRE Programme (DST) held from 12-16 December, 2017.

**Member of Organizing Committee** for World Water day Celebration through lecture series and students conclave at Hansraj College on 22<sup>nd</sup> March. 2017.

**Convener** of a two-day workshop for on “Basic Laboratory Techniques for undergraduates” from 21<sup>st</sup> to 23<sup>rd</sup> January, 2017, at Department of Botany, Hansraj College.

**Convener** of a two-day workshop for on “Ecology: Modern Perspectives” from 12<sup>th</sup> to 13<sup>th</sup> December, 2016 at Department of Botany, Hansraj College.

**Convener** of the two days workshop for faculty development on “Ethnobotany”, September 16 to 17, 2016 held at Department of Botany, Hansraj College.

**Convener** of the four days workshop on “Skill Development of Laboratory Staff, organized by Department of Botany, Hansraj College, University of Delhi on December 28 to 31, 2015.

**Member of Organizing Committee** in the INSPIRE Internship Program-2012 organized by Hans Raj College, December 17-21, 2012.

**Member of organizing Committee** of National Seminar on “Current Trends in Plant Sciences”, organized by DUBS, University of Delhi on February 15-16, 2007.

## **ACADEMIC ACHIEVEMENTS:**

**Best Young Teacher Award**, 2018 by Grace India Educational Charitable Trust Delhi

Qualified the Joint CSIR-UGC National Eligibility Test (NET) for Lectureship held in June, 2002.

Awarded Junior Research Fellowship (JRF) in Life Sciences by the CSIR (2003-2005)  
Awarded Senior Research Fellowship (SRF) in Life Sciences by the CSIR (2006-2008)  
All India Post-Graduate Scholarship, University of Delhi for the year 2000-2001  
All India Post-Graduate Scholarship, University of Delhi for the year 2001-2002  
College topper (Hans Raj College) in B.Sc. (H) Botany for the academic year 1999-2000  
College topper (Hans Raj College) in B.Sc. (H) Botany for the academic year 1998-99  
University second topper in B.Sc. (H) Botany for the academic year 1997-98  
Awarded Science Meritorious Award by Hans Raj College for three consecutive years, 1997-2000

#### **ADMINISTRATIVE AND EXTRA CURRICULAR ACHIEVEMENTS:**

**Convener**, Botanical Society, Hansraj College, 2025-26

**Convener**, Antidrug Campaign, Hansraj College, University of Delhi, 2025-26

**Member**, Internal Complaint Committee 2025-26

**External Member**, 4<sup>th</sup> year student research council

**Supervisor**, 4<sup>th</sup> year student

**Convener**, Departmental Museum and Herbarium facility, 2024-25

**Co-convener**, Foundation Day celebration held on 26<sup>th</sup> July. 2024.

**Co-convener**, Annual Prize Distribution, Hansraj College, University of Delhi, during the academic session 2024-25.

**Member**, Screening Committee, Department of Botany 2024-25

**Member**, Internal Complaint Committee 2024-2025

**Member**, ICT Enabling Committee Portal Committee 2024-25

**Superintendent** Practical Examination, 2023-24

**Program Officer** National Service Scheme, 2023-24

**Member**, College Garden Committee College 2023-24

**Member**, Environment Awareness Society, 2023-24

**Convener** Purchase and Maintenance, Department of Botany, 2023-24

**Member** Screening Committee, 2023-24

**Member** NAAC Criteria 7, 2023-24

**Convener**, Foundation day, 2023-24

**Convener**, Mahatma Hansraj Memorial Lecture Series, 2023-24

**Convener**, Maharishi Dayanand Saraswati Memorial Lecture Series, 2023-24

**Member** of organizing team, Annual Day, 2024

**Nodal officer**, Ek Ghanta-EkTareekh Programme, Swachhhhta Abhiyan, 2023

**Member**, Unnat Bharat Abhiyan Cell, 2023-24

**Program Officer** National Service Scheme, 2022-23

**Member**, Garden Committee College 2022-23

**Convener** Botanical Garden, 2022-23

**Co-convener**, Platinum Jubilee Celebrations, Hansraj College, 2022-23

**Member**, Unnat Bharat Abhiyan Cell, 2022-23

**Program Officer** National Service Scheme 2021-22

**Co-convener** ECA Hansraj College, 2021-22

**Member Publication Committee**, 2021-22

**Nodal Officer**, Azadi Ka amrit Mahotsav 2021-2022

**Member Unnat Bharat Scheme**, Hansraj College Cell 2021

**Convener Excursion Committee** Department of Botany, Hansraj College 2021-22

**Teacher-in-charge**, Department of Botany, Hansraj College May 1, 2020- April 30, 2021

**Convener**, UG admission B.Sc. H Botany and M.Sc. Botany for the year 2020-21

**Member**, Apex Committee for online teaching mode, Hansraj College 2020

**Member of Course Committee** and studies of Honors, Post graduation and Research Studies in Botany, University of Delhi 2019-2021.

**Convener**, SPICMACAY Hansraj Chapter 2019-20

**Member**, Student Welfare and discipline Committee, Hansraj College 2019-20

**Convener** Library Department of Botany 2019-20

**Co-convener** ECA Hansraj College, 2018-19

**Convener/ Program Officer** NSS Hansraj College, 2018-19

**Member**, Advisory Board of Dr Sama Day Care Centre, Hansraj College, University of Delhi, 2018-19

**Nodal Officer**, Hansraj College for Swachh Bharat Summer Internship (SBSI)-2018

**Convener** Life Science Society, Hansraj College 2018-19

**Convener**, UG Admissions in B.Sc (Prog. ) Life Science, Hansraj College, University of Delhi, 2018-19.

**Member**, Organizing Committee for Annual Prize Distribution, Hansraj College 2018-19

**Convener** ECA Hansraj College, 2017-18 w.e.f. August 1, 2018

**Convener/ Program Officer** NSS Hansraj College, 2017-18

**Member**, Advisory Board of Dr Sama Day Care Centre, Hansraj College, University of Delhi, 2017-18

**Convener** Scholarship cell Department of Botany, Hansraj College, 2017-18

**Convener**, ECA admissions, Hansraj College, University of Delhi for the academic session 2017-18.

**Member Criterion VII, SSR NAAC**, Hansraj College, University of Delhi 2017-18.

**Organizer**, Cultural Program for NAAC at Hansraj College, University of Delhi on August 3, 2017

**Nodal Officer** for the programme “Sankalp se Sidhi” including Manthan and Rock Concert on - *Ye India ka time hai* at Hansraj College, University of Delhi held on September 19, 2017.

**College Nodal Officer** for Swachhta Pakhwada programmes held in the month of August 2017 and September, 2017.

**Member of organizing committee** Confluence, Annual Festival of Hansraj College for the academic session 2017-18.

**Member**, Organizing Committee for Annual Prize Distribution, Hansraj College 2017-18

**Convener** Botanical Society, Hansraj College 2016-17

**Member Dias Management Committee for Convocation** 2017

**Co-convener** ECA Hansraj College, 2016-17

**Member Criterion VII, SSR NAAC**, Hansraj College, University of Delhi 2016-17.

**Coordinator** of event graced by Hon. Prime Minister Shri Nadendra Modi on the occasion of Birth Anniversary of Swami Dayanand Saraswati organized by DAV management Committee at JLN Stadium on 14<sup>th</sup> February 2016.

**Organized** cultural events at International Conference on Innovating Education in Asia (ICIEA) 31<sup>st</sup> October -2 November, 2015.

**Convener, Music**(Swaranjali) and Dance (Oorja and Terpsichorean) Societies, Hansraj College 2015-16

**Convener** Botanical Society, Hansraj College 2015-16

**Member** of Development Fund Committee, Hansraj College 2015-16

**Member** of Student welfare and Discipline Committee, Hansraj College 2015-16

**Deputy Superintendent Theory examinations**, Hansraj College May-June, 2016

**Superintendent Theory examinations**, Hansraj College May-June, 2015

**Coordinator** Department of Botany, DBT Star College Scheme w.e.f. February 2015 till date.

**Member** of SPIC MACAY Hansraj College Committee, 2014-2015

**Member** of Women Development Cell, Hansraj College, 2014-2015

**Convener** Botanical Society, Hansraj College 2014-15, w.e.f February, 2015

**Represented College** as a Stall Guide in Good Practices Stall of Hansraj College at the Annual fest Antardhvani, 2015

**Convener** Seminar Committee, Hansraj College, 2013-2014

**Convener** Library, Department of Botany, Hansraj College, 2013-2014

**Member** of SPIC MACAY Hansraj College Committee, 2013-2014

**Member** of Women Development Cell, Hansraj College, 2013-2014

**Superintendent** Practical Examination, Hansraj College, 2013-2014

**Convener** Botanical Society, Hansraj College, 2012-2013

**Member** of Student Welfare Committee, Hansraj College, 2012-2013

**Member** of Environment Society, Hansraj College, 2012-2013

**Member** of Admission Committee, Hansraj College, 2011-2012

**Member** of Student Welfare Committee, Hansraj College, 2011-2012

**Member** of Environment Society, Hansraj College, 2011-2012

**Convener** Internal Assessment Committee, Hansraj College 2011-2012

**Convener** Botanical Society, Hansraj College, 2011-12

**Member** Internal Assessment Committee, Hansraj College 2010-2011

**Co-convener** Life Science Society, Hansraj College 2009-10

**Editor** (2003-2007) of The Botanica, the annual magazine of the Delhi University Botanical Society, Department of Botany, University of Delhi, India.

Guest of Honor in the School Road Safety Awareness Campaign organized by Delhi Traffic Police on December 4, 2017

Judge at various competitions held from October 10, 2017 to October 15, 2017 organized for 86<sup>th</sup> Dr Abdul Kalam Sir's Birthday Celebration, conducted by House of Kalam, Rameswaram on October 14 2017.

Participated in Poster making and Slogan Writing Competition on National Science day celebration on Science and Technology for persons with disabilities at Hansraj College on February 18, 2017

Participated in Creative Drama Workshop held at Hansraj College from 2<sup>nd</sup> to 20<sup>th</sup> January, 2017

Participated in painting competition organized on eve of Independence day on 12<sup>th</sup> August, 2016

Participated in Creative arts workshop held at Hansraj College from 29<sup>th</sup> March to 11<sup>th</sup> April, 2016

Acted in Stage Play “Chekhav ki Duniya” held at Hansraj College on 24<sup>th</sup> March 2017 ([https://www.youtube.com/watch?v=sF2-nrb\\_4lg&t=2090s](https://www.youtube.com/watch?v=sF2-nrb_4lg&t=2090s)).

Acted in short film “Bhed” produced by Clap and Whistles Productions (<https://www.youtube.com/watch?v=IJD0w4wf9tl>)

Name: Dr Romila Rawat Bisht

Date: January 27, 2026