

### Faculty Achievements (2017-23)

- **Served as Resource Person/Coordinator/member of Organising Committee for the following event:**
  1. **Participating in the Conference/ Workshop:-**
  2. Hydroponics Workshop – Smart Urban Faring – 11<sup>th</sup> March, 2023 at Kirorimal College, University of Delhi
  3. National Conference on Medicinal Plants – 16<sup>th</sup> & 17<sup>th</sup> March, 2023 at Hansraj College, University of Delhi
  4. Mushroom Cultivation / Workshop – 1<sup>st</sup> April, 2023 at Kirorimal College, University of Delhi
  5. Mushroom Cultivation / Workshop – 1<sup>st</sup> April, 2023 at Kirorimal College, University of Delhi
  6. Worked as Co -convener for two days International Conference on “Effective Strategies for Biodiversity Conservation organised by Department of Botany, Daulat Ram College, University of Delhi, Delhi on 23<sup>rd</sup>-24<sup>th</sup> March 2023
  7. **Advisor** for National Webinar on “Redefining Gardening from hobby to enterprise” Lecture series. Organised by Garden Committee, Daulat Ram College, University of Delhi, Delhi on 21<sup>st</sup> October 2020.
  8. **Member of the organizing committee** Workshop on Learning reproductive biology with fluorescence microscopy organised by Department of Botany, Daulat Ram College, University of Delhi, Delhi on 25<sup>th</sup> August 2021.
  9. **Convener of** Workshop “Basic Techniques for Home Gardening – Series – I” organized by Garden Committee, Daulat Ram College, University of Delhi on 14<sup>th</sup> and 15<sup>th</sup> September, 2022.
  10. **Member of the organizing committee** of Workshop on “Capacity Building Workshop Series 1- Mushroom Cultivation organized by Astitva, Life Science association, Daulat Ram College, University of Delhi on 28<sup>th</sup> September 2022.
  11. **Member of the organizing committee** of Workshop on “Capacity Building Workshop Series II- Intellectual Property Rights organized by Astitva, Life Science association, Daulat Ram College, University of Delhi on 17<sup>th</sup> January 2023.
  12. **Convener** of Workshop on “Learning gardening techniques: A step towards entrepreneurship–Series II- Developing a Herbal Garden: Nature to Nurture with Ayurveda” organized by Garden Committee, Daulat Ram College, University of Delhi on 10<sup>th</sup> February, 2023.
  13. **Convener** of Workshop on “Learning gardening techniques: A step towards entrepreneurship– Series III- Bonsai and Penjing” organized by Garden Committee, Daulat Ram College, University of Delhi on 12<sup>th</sup> April, 2023.
  14. **Convener** of An International Seminar on “Microplastics and its remediation” Department of Botany, Daulat Ram College, University of Delhi on 14<sup>th</sup> June 2023
  15. Convener of garden Committee, DRC, Won Prizes in different categories in Annual Flower Show, 2022-23

16. Convener: - Organized Workshops for students in under IQAC.

1. Lecture Series – I, Speaker No. of Students Participated

Home Gardening Mr.Ishtiyak Ahmad, Manager 80

Nature Education & Training Give me Trust, New Delhi

2. Lecture Series – II Speaker No. of Students Participated

Developing Herbal Garden Dr.Vinod Yadav 75

Chief Medical Officer Ayurvedic Hospital, Aliganj New Delhi

3. Lecture Series – III Speaker No. of Students Participated

Learning Art of Bonsai Mr.Sanmic Das 70

& Penjing Entrepreneur, Artist Grow Green Bonsai New Delhi

- **Presented the following papers/posters:**

- **Published/Co-published the following papers:**

(APA format for Journal Article)

1. Kathal R, (2023), Status of GM Mustard in India. Lainas – 978-93-92603-05-1 FA Digital Productions. PP 23-26.
2. Kathal R, George S and Kumari K (2023), Micropropations – A Sustainable Approach for Conservation of Medicinal Plants. Lainas ISBN– 978-93-92603-05-1, 27-31
3. Vidhi Chaudhary and Rekha Kathal (2023), Environment : Science, Legislation, Politics and Ethics.2023 – A Sustainable Approach for Conservation of Medicinal Plants. . Lainas ISBN– 978-93-92603-05-1, 56-58 Book - Edited - Lainas, 2022-23, ISBN – 978-93-92603-05-1
4. Publisher – FA Digital Productions, 18A/20, Zakir Nagar, Jamia Nagar, New Delhi - 110025

- **Published/Co-published the following chapter/book:**

(APA FORMAT)

S.No	Title of Edited Book	Title of Chapter	Authorship *	Place of publication (with city/country & year of Publication)	ISBN
1.	<b>Conference Proceedings of International conference on public health, issue, challenges &amp; opportunities prevention awareness</b>	<b>Immunity booster herbs &amp; their conservations</b>	<b>First/Principal /Corresponding</b>	<b>Krishi Sanskriti Publications, Delhi</b>	<b>978-93-85822</b>
2.	<b>Conference Proceedings of International conference on public health, issue, challenges &amp; opportunities prevention awareness</b>	<b>Medicinal Plants of Himalayan Region - An Elixir of Life</b>	<b>Joint Author</b>	<b>Krishi Sanskriti Publications, Delhi</b>	<b>978-93-85822</b>
3.	<b>Proceedings Symposium on Environment &amp; Sustainable Development new perspective</b>	<b>Phytoremediation of heavy metal - A Greener &amp; Sustainable approach</b>	<b>First/Principal /Corresponding/Author</b>	<b>Books &amp; Books Unlimited, Delhi</b>	<b>97881937-46622</b>
4.	<b>Proceedings Symposium on Environment &amp; Sustainable Development new perspective</b>	<b>Liquid organic Formulators for sustainable Agriculture</b>	<b>Joint Author</b>	<b>Books &amp; Books Unlimited, Delhi</b>	<b>97881937-46622</b>

- **Book by single author:**
- **Book by more than one author:**
- **Received the following Awards/Honors:**

S.No	Name of Award	Awarding Agency	Government/ NGO/ International/Private	Recognition area	Date of award	Type of Honor received
1-	Dr. Sarvepalli Radhakrishnan Best Teacher Award 2021 in Biotechnology	Centre for professional advancement	Government/NGO	Academics	<b>5<sup>th</sup> September 2021.</b>	Best Teacher
2.	ESDA Eminent Scientis Award 2021	Botany	NGO registered with NITI Ayog	National	<b>3<sup>rd</sup> October 2021</b>	Eminent Scientist

- **Research Project undertaken, if any:**

S. No	Title	Period		Major/Minor	Sponsoring/Funding Agency
		From	To		
1.	DR-202 Controlling heavy metal soil pollution by Phytoremediation a greener and sustainable approach	2013	2015	Minor (5 Lakh)	Innovation Project University of Delhi
2.	DR-311 Greener & Sustainable approach To control water pollution	2015	2016	Minor (5 Lakh)	Innovation Project University of Delhi
3.	DR-306 Trapping the waste rice husk as on agent to remove heavy metal ion, surfactants, organic dyes from waste water.	2015	2016	Minor (5 Lakh)	Innovation Project University of Delhi
4.	DRC-05 Synthesis of biobased Mesoporous Material and its application in water purification.	2015	2017	Major (10 Lakh)	Star Innovation Project University of Delhi

- **Any other achievement**