

Faculty Achievements (2017-23)

- **Served as Resource Person/Coordinator/member of Organising Committee for the following event:**
 1. **Co-ordinator** for “**Two Days Online International Conference** on “Effective Strategies for Biodiversity Conservation” on 23rd & 24, March, 2021 organised by Department of Botany and Vaundhara – The Botanical Society, Daulat Ram College (under the aegis of IQAC), University of Delhi, Delhi.
 2. Actively Participated and was the Member of Organising Committee for the **National Webinar** on “Redefining Gardening From Hobby to Enterprise: Series 1” on 21st October, 2020 organised by Garden Committee (under IQAC) , Daulat Ram College,,University of Delhi, Delhi.
 3. Actively Participated and was the Member of Organising Committee for the **National Webinar** on “Redefining Gardening From Hobby to Enterprise: Series 2” on 11th November, 2020 organised by Garden Committee (under IQAC) , Daulat Ram College,,University of Delhi, Delhi.
 4. Actively Participated and was the Member of Organising Committee for the **National Webinar** on “Redefining Gardening From Hobby to Enterprise: Series 3” on 18th November, 2020 organised by Garden Committee (under IQAC) , Daulat Ram College,,University of Delhi, Delhi.
 5. Actively Participated and was the **Co-convenor** for the **National Webinar** on “Redefining Gardening From Hobby to Enterprise: Series 4” on 25th November, 2020 organised by Garden Committee (under IQAC) , Daulat Ram College,,University of Delhi, Delhi.
 6. Actively Participated and **served as Co-ordinator** in “ **Online Two Days International Conference** on “Effective Strategies for Biodiversity Conservation” on 23rd & 24th , March, 2021 organised by Department of Botany and Vaundhara – The Botanical Society, Daulat Ram College under the aegis of IQAC), University of Delhi, Delhi..
 7. Actively Participated in **National Webinar** on “Genome Editing for Food , Nutrition & Environmental Sustainability” on 9th July, 2021 organised by Department of Botany, Shivaji College,University of Delhi under the aegis of Star College Scheme, Delhi.
 8. Actively Participated in **National Webinar** on “Pollinators, Pollinator Dependent Plants and Conservation Values” on 4th August, 2021 organised by Vaundhara -The Botanical Society, Daulat Ram College,to celebrate World Nature Conservation Day University of Delhi, Delhi.
 9. Actively Participated in “**National Virtual Hands on Workshop** conducted on “Tools Used in Biostatistics Research and Teaching” organised by Department of Botany, Ramjas College, University of Delhi under the aegis of IQAC , Delhi on 13th and 14th August, 2021.

10. Actively Participated in “**Workshop conducted on “Learning Reproductive Biology Using Fluorescence Microscopy”**” by Vasundhara, the Botanical Society, Daulat Ram College, University of Delhi , Delhi on 25th and 26th August, 2021.
11. Actively Participated in “**5 Days Online National Workshop** entitled “Flow Cytometry and q PCR based Blood Analyses” organised by Department of Biomedical Sciences, Acharya Narendra Dev College, University of Delhi under the aegis of DBT-Star College Scheme and IQAC, Delhi from 20th to 24th October, 2021
12. Actively Participated in **Webinar on “Delnet Resources and Services ”** organised jointly with Daulat Ram College, University of Delhi, Delhi on 14th July, 2023.
13. Actively Participated **Webinar on “National Education Policy 2020 on the theme Internship/Apprenticeship Embedded Program”** organised by CPDHE –MMTTC, University of Delhi, Delhi on 3rd February, 2024.

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

1. Green Solutions for Defluoridation from Various Sources in “National Conference on Combating Industrial Pollution for Sustainable Environment-A Fusion of Industrial and Scientific Efforts (CIPSE)’ September, 22-23, 2016 organised by Department of Chemistry, Gargi College, University of Delhi, Delhi.
2. Determination of Fluoride Ions in Food and Beverage items by using Ion Selective Electrode Method in “International Conference on Green Chemistry in Environmental Sustainability & Chemical Education (ICGC-2016)” November 17th-18th, 2016 organised by Department of Chemistry, Daulat Ram College, University of Delhi , Delhi.
3. Nature’s Doctors-Medicinal Plants in “National Conference on Innovations in Sciences in Emerging Challenges in Health and Environment (NSHE-2018)” March 20th, 2018 organised by Department of Chemistry, Daulat Ram College, University of Delhi , Delhi.

- **Published/Co-published the following papers:
(APA format for Journal Article)**

George, S. 2013. Germplasm Conservation- A Review. *In* : International Research Journal - The Research Series Shrinkhala/ISSN NO 2321-290X/ Vol. 2, issue 6.pp 6-13

George, S; Yadav,N; M. Leleeka Devi and Yadav,A. 2016. Conservation of Potent Anti-Cancerous Medicinal Plants of India by Micropropagation-A Review. *In*: International Journal of Biotechnology and Biomedical Sciences (IJBBS) .p-ISSN: 24544582,e-ISSN:2454-7808/Vol.2,No.1/ January-June. pp 53-56

George, S. 2019. Environmental Sustainability and Green Technology. *In*:: Symposium (under IQAC) on Environment and Sustainable Development-New Perspectives - ISBN: 978-81-

937466-2-2, Golden Jubilee Year, 14th February 2019 organised by Department of Botany, Daulat Ram College, University of Delhi, Delhi. pp. 38-40

George, S. 2019. Asthisamharaka (Hadjod) – The Fracture Healer Plant. *In*:: Symposium (under IQAC) on Environment and Sustainable Development-New Perspectives - ISBN: 978-81-937466-2-2, Golden Jubilee Year, 14th February 2019 organised by Department of Botany, Daulat Ram College, University of Delhi, Delhi. pp. 106-109

George, S. 2022. Women's Education, Economy and Sustainable Development-An Overview. *In* : International Research Journal – Remarking An Analisation E-ISSN NO.2455-0817 ; P-ISSN 2394-0344, Vol. VII; Issue V. pp E101-E107.

Kathal, R; **George, S** and Kumari, K.2023. Micropropagation –A Sustainable Approach for Conservation of Medicinal Plants. *In* : Lianas ISBN 978-93-92603-05-1 Botanical Magazine, Department of Botany, Daulat Ram College, University of Delhi, Delhi. pp. 27-31-

George, S. 2023. Value of Biodiversity-A Survey. *In* : Lianas ISBN 978-93-92603-05-1 Botanical Magazine, Department of

Botany, Daulat Ram College, University of Delhi, Delhi. pp. 41-49.

George, S. 2024. Pivotal Role of Bees for Sustaining Life on Earth and Mitigating Climate Change. *In* : International Research

Journal- Innovation The Research Concept ISSN: 2456-5474 ;RNI No. UPBIL/2016/68367, Vol. IX, Issue VI. pp E53-E60.

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

1. **George, S.**2018. Bharathapupuzha -A Dying Perennial River in Kerela. *In*: Liana, Botanical Bulletin, Botanical Society, Daulat Ram College, University of Delhi, Delhi. pp.29.
2. **George, S.** 2018. Paneer and Khoya *In*: Manual of In House Skill Development Workshop on “Food Adulteration and Security” held on July 3rd –July 14th , 2017 organised by Department of Botany, Daulat Ram College, University of Delhi, Delhi.
3. **George, S.** 2018. Coconut Oil *In*: Manual of In House Skill Development Workshop on “Food Adulteration and Security” held on July 3rd –July 14th , 2017 organised by Department of Botany, Daulat Ram College, University of Delhi, Delhi.
4. **George, S.** 2019. Environmental Sustainability and Green Technology. *In*:: Symposium (under IQAC) on Environment and Sustainable Development-New Perspectives - ISBN: 978-81-937466-2-2, Golden Jubilee Year, 14th February 2019 organised by Department of Botany, Daulat Ram College, University of Delhi, Delhi. pp. 38-40.
5. **George, S.** 2019. Asthisamharaka (Hadjod) – The Fracture Healer Plant. *In*:: Symposium (under IQAC) on Environment and Sustainable Development-New Perspectives - ISBN: 978-81-937466-2-2, Golden Jubilee Year, 14th February 2019 organised by Department of Botany, Daulat Ram College, University of Delhi, Delhi. pp. 106-109.

6. **George, S.** 2020. Climate Smart Agriculture and Biodiversity Conservation. *In*: Liana, Botanical Magazine, Department of Botany, Daulat Ram College, University of Delhi, Delhi. pp. 5-7.
- a. Kathal, R; **George, S** and Kumari, K.2023. Micropropagation –A Sustainable Approach for Conservation of Medicinal Plants. In : Lianas ISBN 978-93-92603-05-1 Botanical Magazine, Department of Botany, Daulat Ram College, University of Delhi, Delhi. pp. 27-31-
- b. **George, S** .2023. Value of Biodiversity-A Survey. In : Lianas ISBN 978-93-92603-05-1 Botanical Magazine, Department of Botany, Daulat Ram College, University of Delhi, Delhi. pp. 41-49.

(APA FORMAT)

- **Book by single author:**
 - **Book by more than one author:**
 - **Received the following Awards/Honors :**
 - **Research Project undertaken, if any:**
1. **Inter-Disciplinary Innovation Project 305 entitled: Green Method of Defluoridation and Estimation of Fluoride ion from Ground Water and Various other Samples** sanctioned in 2015 to Department of Chemistry and Department of Botany, Daulat Ram College by Delhi University.
- **Any other achievement..**