




## Faculty Details Proforma For College Web-site

<b>Title</b>	DR	<b>First Name</b>	SUNITA	<b>Last Name</b>	GEORGE	<b>Photograph</b>
<b>Designation</b>	Assistant Professor					
<b>Address</b>	Daulat Ram College					
<b>Phone No. Office</b>						
<b>Residence</b>	NA					
<b>Mobile No.</b>	-					
<b>Email - ID</b>	<a href="mailto:sunitageorge2012@yahoo.com">sunitageorge2012@yahoo.com</a> ; <a href="mailto:sunitageorge@dr.du.ac.in">sunitageorge@dr.du.ac.in</a>					
<b>Web Page</b>	Nil					
<b>Educational Qualification</b>						
<b>Degree</b>	<b>Institution</b>				<b>Year</b>	
BSC Pass Course	Punjab University, Chandigarh				1986	
M.Sc. Botany	Punjab University, Chandigarh				1988	
M. Phil. (Mycology)	Punjab University, Chandigarh				1989	
Ph.D.	Delhi University, Delhi				1997	
GATE	All India Level Entrance Test				1991	
NET EXEMPTION CERTIFICATE	NET Exempted				2016	
<b>Career Profile</b>						
<p>Doctorate in Botany from Delhi University with teaching experience of more than 23 years. Throughout First Divisioner, specialized in Plant Tissue Culture. Fully dedicated, organized and methodical in teaching. Experienced to teach various papers both Honours and Life Sciences of undergraduate level both in Annual and in Semester mode under different courses (CBCS, CBCS-LOCF, FYUP and NEP). Worked independently as well as in a team in a student friendly atmosphere..</p> <p><b>Completed Inter-Disciplinary Innovation Project 305 entitled: Green Method entitled: Green Method of Deflouridation and Estimation of Fluoride ion from Ground Water and Various other Samples</b> sanctioned in 2015 to Department of Chemistry and Department of Botany, Daulat Ram College by Delhi University.</p> <p>Presented papers. in National and International Conferences. Actively participated in more than a dozen workshops, short term courses and FDP'S &amp; FIP on various aspects related to the subject. Also organized Workshops and Conferences.</p>						
<b>Administrative Assignments</b>						

### Member of Committee

- Member, Library committee (2020-2021), Daulat Ram College, University of Delhi, Delhi.
- Member, Garden committee (2020-2021), Daulat Ram College, University of Delhi, Delhi.
- Member, Garden committee (2021-2022), Daulat Ram College, University of Delhi, Delhi.
- Member, Annual Report committee (2021-2022), Daulat Ram College, University of Delhi, Delhi.
- Member, Garden committee (2022-2023), Daulat Ram College, University of Delhi, Delhi
- Convenor, Annual Report committee (2022-2023), Daulat Ram College, University of Delhi, Delhi.
- Member Prize Committee(2022-23), Daulat Ram College, University of Delhi..
- Member Admission Committee-Core Committee (2023-24), Daulat Ram College, University of Delhi.
- \* Member Women Development Cell(WDC) 2023-24, Daulat Ram College, University of Delhi.
- \* Member, Garden committee (2023-2024), Daulat Ram College, University of Delhi, Delhi
- \* Member Eco Club 2024-25, Daulat Ram College, University of Delhi.
- \* Member Fine Arts Society 2024-25, Daulat Ram College, University of Delhi.

### Other Administrative Activities

- **Delhi University Theory Paper Setter (Additional Examiner) for B.Sc. III Botany (Hons) VIth Semester May, 2020 - CBCS, Plant Biotechnology**
- Actively Participated and was the **Co-convenor** for the **National Webinar** on “Redefining Gardening From Hobby to Enterprise: Series 4” on 25<sup>th</sup> November, 2020 organised by Garden Committee (under IQAC) , Daulat Ram College,,University of Delhi, Delhi.
- **Delhi University Theory Paper Setter (Additional Examiner) for B.Sc. III Botany (Hons) VIth Semester April, 2022 - CBCS, Plant Metabolism**
- Actively Participated and was the **Co-convenor** for the **Workshop Series on “Learning Gardening Techniques –A Step towards Entrepreneurship” – Basic Techniques for Home Gardening – Series - 1** on 14<sup>th</sup> - 15<sup>th</sup> September, 2022 organised by Garden Committee (under IQAC) , Daulat Ram College,,University of Delhi, Delhi.
- Conducted the **Subject Orientation for BSc Hons Botany Ist Year Students under NEP** on 2<sup>nd</sup> November, 2022 at Department of Botany, Daulat Ram College.
- **Resource Person for In House Skill Development Programme on “Enhancing Learning Through ICT Tools” Session II: Google Forms on 26<sup>th</sup> & 27<sup>th</sup> November, 2022.**
- Actively Participated and was the **Co-convenor** for the **Workshop Series on “Learning Gardening Techniques –A Step towards Entrepreneurship” – Developing a Herbal Garden: Nature to Nurture with Ayurveda: Series - II** on 10<sup>th</sup> February, 2023 organised by Garden Committee (under IQAC) , Daulat Ram College,,University of Delhi, Delhi.
- Was the **Convenor for Annual Report Committee 2022-23.**
- Actively Participated and was the **Co-convenor** for the **Workshop Series on “Learning Gardening Techniques –A Step towards Entrepreneurship” - Bonsai and Penjing: Series - III** on 12<sup>th</sup> April, 2023 organised by Garden Committee (under IQAC) , Daulat Ram College,,University of Delhi, Delhi.
- **Delhi University Theory Paper Setter (Additional Examiner) for B.Sc. III Botany (Hons) VIth Semester May, 2023 – CBCS(LOCF), Plant Metabolism**
- **Delhi University Theory Paper Setter (Additional Examiner) for B.Sc. II (Life Sciences) IVth Semester May, 2023 – CBCS(LOCF), Plant Physiology and Metabolism**
- **Editor of Lianas – Botanical Magazine 2022-23, Department of Botany, Daulat Ram College.**

### Areas of Interest / Specialization

#### *Plant Tissue Culture*

**Title of Ph.D Thesis-Morphogenic Studies on *Acacia* species**

#### *Mycology*

**Title of M.Phil. Thesis- Nutritional Studies on *Morchella esculenta* L. Pers.**

Plant Metabolism , Plant Biotechnology, Plant Physiology, Cell & Molecular Biology, Biomolecules & Cell Biology, Molecular Biology, Environmental Science, Plant Genetics, Plant Ecology & Taxonomy, (CBCS and CBCS LOCF) to name a few. Cell Biology-Organelles and Biomolecules, Basic Laboratory and Field Skills in Plant Biology, Microbiology and Plant Microbe Interaction, Genetics & Plant breeding (NEP,

## Research Guidance

Nil

## Publications Profile

- **Philips, S.;** Nanda, K. & Gupta S.C. 1997. Rejuvenation of : *Acacia auriculiformis* old trees through Tissue Culture. *In:* Proc. IVth A. Symp; IWSA, “Biotechnology and Human Society”, Delhi., p. 122.
- **Philips, S.;** **Dewan A.;** **Nanda, K. & Gupta, S.C.** 1998. Optimization of *in vitro* seed germination and seedling growth of *Acacia* species. In Forest, Farm, and Community Tree Research Reports. pp. 26-28.
- Nanda, K. & **Philips, S.** 2005. Environmental Education for Sustainable Development. *In :* Peace and Development Digest: Environment and Development, pp. 37-41 by Foundation for Peace & Sustainable Development.
- Nanda, K. & **Philips, S.** 2006. Micropropagation of Fabaceous Woody Species. *In :* Plant Biotechnology, Prespectives and Prospects. *edit. P.C. Trivedi*, pp. 326-345, *Publ.* Pointers, Jaipur.
- **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 Prespectives - ISBN: 978-81-937466-2-2, Golden Jubilee Year, 14<sup>th</sup> 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 Prespectives - ISBN: 978-81-937466-2-2, Golden Jubilee Year, 14<sup>th</sup> 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.

**Conference Organization / Presentation (in the last three years)**

- **Co-ordinator** for “**Two Days Online International Conference** on “Effective Strategies for Biodiversity Conservation” on 23<sup>rd</sup> & 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.

**Research Projects (Major Grants/Research Collaboration)**

Nil

**Awards and Distinctions**

Nil

**Association with Professional Bodies**

Life Member of Delhi University of Botanical Society(DUBS) Member of Indian Women Scientist Association (IWSA)

**Other Activities**

- Participated in numerous Inter school debates, English and Hindi Plays, Extempore & Music.
- Participated and won several Prizes in Inter-College debates, Paper reading competition, Floral arrangements, Music and Quiz.
- Judged **Western music in Manjari-2008** at Daulat Ram College.
- Judged **Road Painting in Manjari-2013** at Daulat Ram College.
- Judged ‘**Pot Painting**’ & ‘**Best out of Waste**’ in **Botanical Fest “Orchidz”- 2017**, Daulat Ram College.
- Conducted Inter College Quiz for **Botanical Fest “Orchidz”- 2009--2023**.