



Faculty Details Proforma For College Web-site

Title	DR	First Name	SUNITA	Last Name	GEORGE	Photograph
Designation		Assistant Professor				
Address		Plot # 195, First Floor, Shakti Khand - IV, Indirapuram, Ghaziabad Uttar Pradesh – 201014.				
Phone No. Office		01127667863				
Residence		NA				
Mobile No.		9810840994				
Email - ID		sunitageorge2012@yahoo.com ; sunitageorge@dr.du.ac.in				
Web Page		Nil				
Educational Qualification						
Degree		Institution				Year
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
Career Profile						
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.. 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 sanctioned in 2015 to Department of Chemistry and Department of Botany, Daulat Ram College by Delhi University. Presented papers. in National and International Conferences. Actively participated in more than a dozen workshops, short term courses and FDP'S, FSP & FIP on various aspects related to the subject. Also organized Workshops , SDP's and Conferences.						
Administrative Assignments						

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.
- * Member Eco Club 2025-26, Daulat Ram College, University of Delhi.
- * Member Alumni Committee 2025-26, Daulat Ram College, University of Delhi.
- * Member Teaching Programme Committee(TPC) 2025-26, Daulat Ram College, University of Delhi.
- * Member Prospectus Committee 2025-26, Daulat Ram College, University of Delhi.
- * Member SRC (Subject Research Committee 2025-26, 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 25th 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 14th - 15th 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 2nd 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 26th & 27th 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 10th 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 - II1** on 12th 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.**
- Actively Participated and was the **Convenor** for the **Workshop on “Skills for Personal Growth, Entrepreneurship and Community Development”** on 2nd May,2024 organised by Department of Botany, Daulat Ram College,,University of Delhi, (under the Aegis of IQAC) , Delhi.
- Actively participated, was the Co-ordinator & Resource person for **Skill Development Program on “Hydroponics and Aeroponics-The Future Sustainable Farming** for the topic on “Plant Tissue Culture Versus Conventional Breeding” organized by Department of Botany, Daulat Ram College, University of Delhi, Delhi (under the Aegis of IQAC) from 24th February to 1st March, 2025.

Areas of Interest / Specialization

Plant Tissue Culture

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

Mycology

Subjects Taught

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), Plant Stress Biology

Research Guidance

- * **Dissertation Report on Phytochemical Aspects of *Bauhinia variegata*** submitted by Gauri Goyal submitted in partial fulfilment for the award of degree in Bachelor of Science (Hons with Research), Department of Botany, Daulat Ram College, University of Delhi, Delhi
- * **Academic Report on Comparative study Of germination in *Ricinus communis* and *Acacia nilotica*** submitted by Kirti Sharma submitted in partial fulfilment for the award of degree in Bachelor of Science (Hons with Research), Department of Botany, Daulat Ram College, University of Delhi, Delhi

Publications Profile

- Philips, S.;** Nanda, K. & Gupta S.C. 1997. Rejuvenation of : *Acacia auriculiformis* old trees through Tissue Culture. *In*: ProcIVth 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, Perspectives 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 SeriesShrinkhala/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.
- Sharma, K; Goyal, G and **George, S.** 2026. Seeds: Dormancy and Growth. *In* Biodiversity Conservation, Environment and Sustainability : Lianas ISBN 978-93-92603-82-2 Botanical Magazine, Department of Botany, Daulat Ram College, University of Delhi, Delhi. pp. 27-28.
- Goyal, G; Sharma, K and **George, S.** 2026. *Bauhinia variegata*: An Overview of its medicinal value. *In* Biodiversity Conservation, Environment and Sustainability : Lianas ISBN 978-93-92603-82-2 Botanical Magazine, Department of Botany, Daulat Ram College, University of Delhi, Delhi. pp. 47-50.
- **George, S**; Kathal, R; Kumari, K and Krishnan, R. 2025. **Handbook on Hydroponics and Aeroponics**. ISBN No. 978-93-92603-66-2. Publisher: FA Digital Productions, New Delhi

Conference Organization / Presentation (in the last three years)

- **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.

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**.

