

**Faculty Detail Performa2017-22**

1. **Personal Details**

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| Name | DR NIDHI GAUTAM | C:\Users\Dr Nidhi Gautam\Downloads\44c377ca-1cf9-4865-9c2d-c71f1c3d52c2.jpg |
| Designation | Associate Professor |
| Department | Botany |
| Email | nidhigautam2004@gmail.com |

1. **Educational Qualification**

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| --- | --- | --- |
| Degree | Institution | Year |
| B.Sc. | Jiwaji University, Gwalior | 1976 |
|  M.Sc. | Jiwaji University, Gwalior | 1978 |
|  Ph.D. | Jiwaji University, Gwalior | 1984 |
| CSIR-NET | CSIR | 1995 |

1. **Full Time Research Experience**

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| Designation | Institute | Time period | Nature of Appointment |
| Research Associate | University of Delhi | 1986-90 | CSIR |
|  |  |  |  |

1. **Full time Teaching Experience**

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| --- | --- | --- | --- | --- |
| s.no | Designation | Institution | Time Period | Nature of Appointment |
| 1 | Lecturer | Daulat Ram College, Miranda House, Kalindi College | 1984-1996  | Full Time Temporary /Adhoc |
| 2 | Reader/AssociateProfessor | Daulat Ram College | 1996 to June 2018 | Permanent |
| 3 | Professor  | Daulat Ram College | July 2018 to till date | Permanent |
| Total |  |  |  |  32 yr |

1. **Administrative Assignments**

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| Name of Institute | Designation | Status | Time period | Experience |
| Daulat Ram College | Teacher in-charge |  |  2016-2017 | One year |
| Daulat Ram College | Teacher in-charge |  |  2019-2020 | One year |
| Daulat Ram College | Teacher in-charge |  |  2020-2021 | One year |
| Daulat Ram College | Convener, Garden Committee |  |  2021-2022 | One year |

1. **Areas of Interest:**

Plant Systematics, Reproductive Biology, Plant Biotechnology

1. **Subjects Taught**

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| --- | --- | --- | --- | --- |
| S.No | Course | Subject Taught | Semester | Year |
| 1 | B.Sc. Hons | Plant Physiology,Repro. Biol. of Angiosperms | V | III |
| 2 | B.Sc. Hons | Plant Systematics,Archegoniatae | IV,II | II,I |

1. **Research Guidance Given: Nil**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name of student | Gend er | Degree for which guidance | Date of Registration | Super visor/ Cosuperviso r | Universit y | Title of Thesis | Date of submissi on of thesis | Dat e of Awa rd of |
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1. **Details of refresher/orientation course/research methodology/workshop/syllabus up-gradation/ teaching –learning-evaluation/technology programmes/Faculty Development Programme**

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| --- | --- | --- | --- | --- | --- |
| S.No. | Details  | Place | Period | Year | Sponsoring/Organising Agency |
| From | To  |
| 1 | Two day FDP on “Industrial and Environmental Microbiology” | Department of Botany, Daulat Ram College, University of Delhi | 19thMarch | 20th March | 2018 | DBT, GOIDaulat Ram College |
| 2 | Two day FDP on “Agriculture, Health & Society” | Hansraj College, University of Delhi | 15th March | 16th March | 2019 | Mahatma Hansraj Faculty Development Centre |
| 3 | Online Workshop on "Google Classroom : Teaching, Learning and Managing" | Department of Computer Science,S. S. College, University of Delhi | 24th May | 24th May | 2020 | University of Delhi |
| 4 | Two- day National Workshopon “Medicinal Plants and Drug Discovery” | Department of Botany, Ramjas College, University of Delhi | 30thJan | 31stJan | 2017 | University of Delhi |
| 5 | One day workshop on “Preservation & Conservation of Knowledge and Practices of North East for Sanitation, Cleanliness related Medical Issues | India Habitat Centre, Lodi Road, New Delhi | 27thFeb | 27th Feb | 2017 | TERI & Ministry of Development of North Eastern region |
| 6 | One day workshop on “Recent Trends in Plant Systematics and Future Prospects” | Dyal Singh College, University of Delhi | 12th March | 12th March | 2019 | University of Delhi |
| 7 | Two- day Workshop on “DNA Bar-coding and Meta-genomics” | Department of Botany, Kirori Mal College, University of Delhi | 19thSept | 20thSept | 2019 | University of Delhi |
| 8 | Two -day National Workshop on“Techniques in Plant Sciences” | Departmentof Botany, SriVenkateswara College, University of Delhi | 4thDec | 5thDec | 2019 | University of Delhi |
| 9 | Two-day FDP 22 on” Fundamentals of Intellectual Property Rights( IPRs)”  | Hans Raj College, University of Delhi | 24th January |  25th January | 2020 | MHRFDC, Hans Raj College, University of Delhi |
| 10 | Online Workshop on “Role of a Citizen in Biodiversity Conservation”  | Zoom platform | 13th May | 13th May | 2020 | DeshBandhu College, DU |
| 11 | Two-day Faculty Development Programme on “Exploring New Frontiers of Learning”  | Zoom platform | 1st July,  | 2nd July,  | 2020 | Shri Vishwakarma Skill University, Palwal, Haryana |
| 12 | Three-day FDP on "Empowering Teaching-Learning Process using Google Classrooms and other ICT Tools: A Comprehensive Practical Approach"  | Zoom platform | 21st July | 23rd July | 2020 | Daulat Ram College |
| 13 | Two- day “National level E- workshop on Recent Trends in Plant Taxonomy” organized  | Zoom platform | 25th Nov  | 26th Nov | 2020 | St. Ann’s College for Women in collaboration with BSI, DRC, Hyderabad |
| 14 | International virtual Conference on “Living with Ecological Prosperity: Economy, Environment and Sustainability” | Online  | 10th July  | 11thJuly  | 2021 | PGDAV College University of Delhi in collaboration with Mohanlal Sukhadia University, Udaipur ( Raj ) and Young Social Scientist Association of India |
| 15 | Webinar on “Severe Acute Malnutrition” | Online  | 12th Aug  |  | 2021 | ASSOCHAM, India |
| 16 | Webinar on Decoding NEP: Redifining goals and pedagogies of Today’s education for the World of Tomorrow” | Online | 24th Aug  |  | 2021 | Department of Mathematics, Daulat Ram College, University of Delhi |
| 17 | Webinar on “Making a life verses Making a living” | Online | 26th Aug  |  | 2021 | ASSOCHAM, India |
| 18 | National level webinar on “Art of Academic Writing: A systematic approach” | Online  | 4th Sept  |  | 2021 | Shivaji College, University of Delhi |

1. **MOOCs completed with e-certification Nil**

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| S.No. | Details of MOOC | Subject | Certification providing agency | Date of certification | Level(UG/PG/Other) | Year | E-certification no. |
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1. **Contribution towards development of e-content/MOOCs in 4- quadrants Nil**

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| S.No. | Details of E-contents/ MOOCs in 4-quadrants | Quadrants developed | No. of Modules | Course  | Sponsoring agency | Year | Level(UG/PG/Other) |
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1. **Contribution towards conduct of MOOCs Nil**

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| --- | --- | --- | --- | --- | --- | --- |
| S.No. | Details of MOOC | Subject | Sponsoring agency | Level(UG/PG/Other) | Year | E-certification no. |
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1. **Organising seminars/ conferences/workshops, other college/university activities**.

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| --- | --- | --- | --- | --- | --- |
| S.No. | Year | Details  | Place | Period | Sponsoring/Organising Agency |
| From | To  |
|  |  | **SKILL DEVELOPMENT PROGRAMMES FOR STUDENTS** |  |  |  |  |
| 1 | 2017 | Convener, Two-week In-house Skill Development Certificate Course on “Food Adulteration and Security” | Daulat Ram College / Botany | 3rd July2017 | 14th July2017 | Self Financed |
| 2 | 2019 | Convener, One week Skill Development Certificate Course on “Basics of Bioinformatics: Theory and Practice” | Daulat Ram College/ Botany | 11th July 2019 | 16th July2019 | Self Financed |
| 3 | 2020 | Convener and Coordinator, Two day Skill Enhancement Programme on“Bioinformatics and Computational Tools in Botanical Sciences” | Daulat Ram College/ Botany | 12th Feb2020 | 13th Feb2020 | Wetland Championship & E-Cell, IIT,Bombay |
| 4 | 2018 |  Member Organizing Committee for DST INSPIRE Science Camp.  | Daulat Ram College / Botany | 17.12.18 | 21.12.18 |  Department of Science and  Technology project |
| 5 | 2020 | Course coordinator and Resource Person for 4-day SDP 1 on “Basics of Online Class Tools” |  | 12th ,17th Aug 2020 | 19th Aug 2020 | Daulat Ram College |
| 6 | 2020 | Course coordinator and Resource Person for SDP2 on “Basics of Online Class Tools” |  | 17th Dec 2020 |  19th Dec 2020 | Daulat Ram College |
|  |  | ORGANISATION OF SYMPOSIA |  |  |  |  |
| 7 | 2019 | Convener for National  Symposium on “Environment & Sustainable Development New Perspectives”. | Daulat Ram College / Botany | 14.2.19 | 14.2.19 | Department of Biotechnology |
| 8 | 2020 | Convener of National Webinar on “Biodiversity and Conservation”  | Daulat Ram College | 8th June 2020. | 8th June 2020. | Daulat Ram College |
| 9 | 2021 | Convener of webinar on “Future Prospects and career options in Data Science” on  | Daulat Ram College | 27th January, 2021 | 27th January, 2021 | Daulat Ram College |
| 10 | 2021 | Convener of International Conference on “Effective Strategies for Biodiversity Conservation” | Daulat Ram College | 23rd March, 2021 | 24th March, 2021 | Daulat Ram College |
| 11 | 2021 | Member, Organizing Comm. Webinar on Pollinators, Pollinator dependent plants and Conservation values | Daulat Ram College | 4th Aug 2021 |  | Daulat Ram College |
| 12 | 2021 | Member, Organizing Comm. Webinar on “Montreal Protocol and SDGs” | Daulat Ram College | 16th Sept 2021 |  | Daulat Ram College |

1. **Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula**

**Development of Innovative Pedagogy e module –** Have been member of committee for Course Revision constituted by the University from time to time.

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| S.No. | Name of the Module | Subject | Stream | Organization for which it was developed | Year | Level(UG/PG/Other) | Weblink  |
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1. **Research Projects ongoing 2017-21- Nil**

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| S.No | Name of Research Project | Funding Agency | National/International | Duration | Amount Sanctioned | Amount Received |
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1. **Research projects Completed - Nil**

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| --- | --- | --- | --- | --- | --- | --- |
| S.No | Name ofResearch Project | Funding Agency | National/International | Duration | Amount Sanctioned | Amount Received |
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1. **Books published- Nil**

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| --- | --- | --- | --- | --- | --- |
| S.No | Authors (year)Name of Book. Publisher, ISBN No | Publisher | Date of publishing | Authored/Edited | ISBN No |
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1. **Book Chapters/Articlespublished -**

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| --- | --- | --- | --- | --- |
| S.No | Author(year) Title of Chapter/Article,in Edited Book: Title of book, Publisher, Vol, Page no | Date of publishing | Authored/Edited | ISBN No |
| 1 | Sharma, M., Sehrawat, A. & **Gautam, N. 2017**“Role of microbes in pollution control and agriculture” in “Environmental concerns of 21st century: India and Global Context, under the theme: Environmental Biotechnology. Volume II. pp 9-16.  |  2017 | Edited | ISBN: 978-93-83281-65-7 |
|  |  |  |  |  |

1. **E- Modules Published- Nil**

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| --- | --- | --- | --- | --- |
| S.No | Author (year) Title, Module, Subject ,Organisation, Weblink | Date of publishing | Authored/E dited | Link |
|  |  |  |  |  |
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1. **Research Publications**:

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| --- | --- | --- | --- | --- | --- |
| S.No |  Author/s(Year) Journal Name, Vol, series, pg no, ISSN | Date of Publishing | Impact Factor | UGCCare List Journal Yes/No | Scopus InexedJournal Yes/No |
| 1 | Gautam, V.K. and **Gautam N. 2017**Successful Hardening of Anther-derived Plants to field and Morphological Variations in Snapdragon.Research & Reviews in Biotechnology & Biosciences. 4(2): 73-77. (E ISSN : 2321-8681). | 2017 |  |  |  |
| 2 | Gautam, V.K. and **Gautam N.2017.** Differentiation of Multiple shoots and roots from anther derived callus masses in *Antirrhinum majus* L. Intl. J. Bioinformatics and Biological Sci. 5 (2): 139-142.(E-ISSN-2321-7111). | 2017 |  |  |  |
| 3 | **Gautam,N** and Gautam V.K. **2017.** VasudhaivaKutumbakam: An Effective Way of Biodiversity Conservation.International Journal of Bioresource Science4(2): 135-138 (E- ISSN: 2454-9541). | 2017 |  |  |  |
| 4 | **Gautam, N.** and Gautam V.K. **2018.** Microsporogenesis in *Melilotus indicus* (L.) All. Intl. J. Bioinformatics and Biological Sci.6 (1): 55-59(E-ISSN: 2321-7111). | 2018 |  |  |  |
| 5 | Gautam, V.K. and **Gautam, N.2020.** Micropropagation of *Leucaena leucocephala* from *in vitro* cultured shoot tip explants. Intl. J. Bioinformatics and Biological Sci. 11-14. (ISSN: 2319-5169). | 2020 |  |  |  |
| 6 | **Gautam, N.** and Gautam V.K. **2021.**Wetlands-Kidneys of the earth: Importance and conservation.International J. Ecology & Environ. Sci. 3(2): 107-111. (E ISSN: 2664-7133, Print ISSN: 2664-7125). | 2021 |  |  |  |

1. **Conference Proceedings publication**

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| --- | --- | --- | --- | --- |
| S.no | Title of Paper (Year) Title of conference proceedings , Vol, series, Pg no , ISBN | Date of Publishing | Peer Reviewed Yes/No | Venue of conference |
| 1 | “Air Pollution and Life in Delhi City” in Proceedings of the National Seminar on Water and Air Quality in Urban Ecosystem.pp: 50-53. (ISBN: 978-93-5267-493-0). | 2016 | Yes | Shivaji College, University of Delhi. |
| 2 | “Hindon Once a Lifeline, now a Dead River: A Mini Review” in Proceedings of National Seminar on Innovations in science in Emerging Challenges in Health and Environment (NSHE). pp 47-51. (ISBN: 9788-1929-8124-6). | 2019 | Yes | Shivaji College, University of Delhi. |
| 3 | “Impact of Microbial Diversity on Environmental Stability” in Proceedings of ICGC 2016, onGreen Chemistry in Environmental Sustainability and Chemical Education. Springer Singaporepp: 81-91. (ISBN: 978-981-108-3891). | 2019 | Yes | Daulat Ram College, University of Delhi |
| 4 | “Earth Bio-genome Project” in a book entitled Environment and Sustainable Development-New Perspectives published by Books and Books Unlimited, New Delhi. pp: 32-33. (ISBN: 978-81-937466-2-2). | 2019 | Yes | Daulat Ram College, University of Delhi |
| 5 | “Microbial Based Bio-Fuel” in a book entitled Environment and Sustainable Development-New Perspectives. pp: 42-44. (ISBN: 978-81-937466-2-2). | 2019 | Yes | Daulat Ram College, University of Delhi |
| 6 | “Botanical Gardens: Road leading to Conservation, Research and Public Awareness” in a book entitled Environment and Sustainable Development-New Perspectives. pp: 115-117. (ISBN: 978-81-937466-2-2). | 2019 | Yes | Daulat Ram College, University of Delhi |
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1. **Conference Attended and Paper presentation**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| s.no | Type of Event | Name of Event | Venue of conference | Date of conference | Attended onlyYes/no | paper presen tedYes/No | Title of Paper Presented |
| 1 | National  | Swarna Jayanti National Conference | Kurukshetra University,Kurukshetra | 17th& 18th Feb2017 | no | yes | “Phytoremediation of indoor air pollutants” |
| 2  | National | National Seminar on Paryavaraniya Chintan: Bhartiya Drishti | Daulat Ram College, University of Delhi | 26th Sept 2019 | no | yes | “VasudaivaKutumbhkam” |

1. **Resource Person (Invited Lecture/Paper Presentation/ Chairing session/judging/ educational trips)**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| S.No | Type of Event | Name of Event | Venue | Date of Event | State your role: Convener/Memb er organizing committee/ Speaker/Coordinator | Duratio n of Activity | No of participant in the programme |
| 1 | National  | 103rd Indian Science Congress Sec- New Biology |  Mysuru Univ | 3rd -7th Jan2016 | Invited Lecture | 30 minutes  | 80 |
| 2 | National | 104th Indian Science Congress | S.V.Univ,Tirupati | 3rd -7thJan2017 | Invited Speaker | 60 minutes | 100 |
| 3 | National | SDP for  students on “Food  Adulteration and Security” | Daulat Ram College  | 3rd -14th July 2017 | Resourse Person | 5 sessions of 120 minutes | 25 |
| 4 | National | DST Inspire Science Camp for School Children | Daulat Ram College | 17th -21st Dec2018 | Resourse Person | 3 sessions of 90 minutes each | 20 |
| 5 | National  | Webinar on “People, Pollution and Plants” | P.S. Senior Secondary School, Chennai | 26th June 2020 | Resourse Person | 60 minutes | 50 |
| 6 | In- House |  SDP 1on“Basics of Online ClassTools” | Daulat Ram College | 17th ,18th&19th Aug2020 | **Resource Person** | 60 minutes | 70 |
| 7 | In- House | SDP 2 on“Basics of Online ClassTools” | Daulat Ram College | 18th&19th Dec2020 | **Resource Person** | 60 minutes | 50 |

1. **Awards Won - Nil**

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| --- | --- | --- | --- | --- | --- | --- |
| S.No | Name of Award | Awarding Agency | Government/ NGO/ International/Private | Recognition area | Date of award | Type of Honor received |
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1. **Extension Activity( Community related program )- Nil**

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| --- | --- | --- | --- | --- | --- | --- |
| S.No | Type of Activity | Centre and Venue | Title of Event | Role in the event | Date/period of Event | No of members of the community/students/Faculty benefitted |
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1. **Membership of Professional Bodies**

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| --- | --- | --- | --- |
| S.No | Type of Membership | Organisation | Year of Membership |
| 1 | **Life Member** |  **Indian Science Congress Association, Kolkata.** | 1997 |
| 2  | **Life Member**  | **Indian Botanical Society** |  |
| 3 | **Life Member** | **Association of Teachers of Biological Sciences, BARC, Mumbai** |  2012 |



**Signature**