




Faculty Details



Title	Dr	First Name	Anita	Last Name	Narang	Photograph
Designation	Associate Professor					
Address	Department of Botany, Acharya Narendra Dev College, Govindpuri, Kalkaji New Delhi – 110 019, INDIA					
Phone No Office	011-26293224					
Email/ Web-Page	anitanarang@andc.du.a.in					
Educational Qualifications						
Degree	Institution		Year			
Ph.D	University of Delhi		1996			
M.Phil.	University of Delhi		1991			
M.Sc.	Utkal University		1988			
B.Sc(Botany Hons)	Utkal University		1986			

Career Profile

Organization/Institution	Designation	Duration
A.N.D.College	Associate Professor	2009-Present
	Assistant Professor	6/9/2000- 2009
A.N.D.College	Assistant Professor	16/10/97- 5/9/2000
A.N.D.College	Guest lecturer	11/8/97- 30/9/97
Daulat Ram College	Assistant Professor (Adhoc)	21/1/97- 20/2/97
Swami Shradanand College	Assistant Professor (Adhoc)	25/10/96 - 2/1/97

Administrative Assignments

CURRICULUM DEVELOPMENT

1. Convenor, SASHAKT, 2022-till date
2. Convenor, SASHAKT, 2005-2007
3. Co-Convenor, PROSPECTUS, 2022-till date
4. Convenor, TARUMITRA, 2022-till date
5. Member, Examination committee, 2022- till date
6. Member, Proctorial committee, 2022-till date
7. Member, Sashakt, 2021-2022
8. Member, Cultural committee, 2021-2022

9. Member, Finance committee
10. Member, Library committee
11. Member, Ad-hoc selection committee
12. Convenor, TARUMITRA, 2002-2004
13. Presiding Officer, ICCC, 2022-2025
14. Presiding Officer, ICCC, 2005-2007
15. Teacher-in-charge, Department of Botany, 2020-2021
16. Teacher-in-charge, Department of Botany, 2017-2018
17. Teacher-in-charge, Department of Botany, 2004-2006. During this tenure a NEWSLETTER was released for the first time in 2004-2005 followed by our first botanical magazine VAN VAIBHAV-05, THE GREEN GRANDEUR in 2005-2006 and a wall magazine TARUMITRA.
18. Program Officer, NSS, 2014-2016. During this tenure for the first time in Delhi University we adopted ten thalassemic underprivileged girls and promised to take care of their blood requirement for life. We also conducted thalassemia screening for our students and staff. Five villages have been adopted by us where our student volunteers go and help the villagers for various issues.
19. Teacher-in-charge, Department of Life Sciences, 2012-2014
20. Co-Convenor, Canteen, 2004-2006
21. Convenor of Canteen Committee from 2002-2004. During this tenure a Holistic Food Centre was started in the college.
22. Convenor of College Garden Committee from 2000-2002. During this tenure an Environment Awareness Club was established for the first time in the college.

AWARDS

Was awarded Women's Achievement Award on International Women's Day celebrations on 8th March, 2008 by WIN (Women's International Network).

Areas of Interest / Specialization

1. Cytogenetics
2. Plant Tissue Culture

Subjects Taught

1. Plant Biotechnology
2. Genetics
3. Economic Botany
4. Cell Biology

Research Guidance

Supervised undergraduate students in summer research projects under ELITE programme

Publications Profile

RESEARCH PAPERS

1. **Dewan, A.;** Nanda,K. & Gupta, S.C. 1992. *In vitro* micropropagation of *Acacia nilotica* subsp.*indica* Brenan via cotyledonary nodes. Pl. Cell Rep. 12: 18-21.
2. **Narang, A.** 2017. Genetically modified crops-Boon or Bane? Int. J. Adv. Res. Biol. Sci., 4(12): 300-306.
3. **Narang, A.;** Shukla, A. & Kaur, S. 2018. The miracle plant-*Tinospora cordifolia*. Int. J. Res. Anal. Rev., 5(4):303-307,doi.one/10.1729/Journal32419
4. **Narang, A.** 2019. Medicinal plants in India. Int. J. Adv. Multidiscip. Res.,6(2): 117-126.

5. Gulati, S., **Narang, A.**, Shukla, A., Katyal, R., Mathur, R., Kaur, J. 2022, Arbuscular mycorrhizal fungi and host plant relationship with heavy metal remediation of soil, KAVAKA, 58(3): 61-74.
6. **Narang, A.** 2022. *In vitro* micropropagation of *Acacia holosericea* A. CUNN. EX G. DON through cotyledons. Int. J. Multidisc. Edu. Res. Vol.11 Issue:1(7): 70-75.
7. **Narang, A.**, Shukla, A. 2022. Axenic propagation of a woody legume-*Prosopis cineraria*(L.) Duce through cotyledonary node explants. Int. J. Multidisc. Edu. Res. Vol.11 Issue:2(1): 16-21.

ABSTRACTS IN PROCEEDINGS

1. **Dewan, A.**; Nanda,K. & Gupta, S.C. 1991. Morphogenic potential of a xerophytic leguminous tree-*Prosopis cineraria*. In: Int. Conf. Genetic Engg & Biotech. Kathmandu, p. 55.
2. **Dewan, A.**; Nanda,K. & Gupta, S.C. 1993. *In vitro* regeneration of a multipurpose woody legume-*Acacia nilotica* subsp. *Indica* Brenan. In: Int. Workshop on “Advances in Tree Development Control & Biotechnology”. Beijing, China, p.27
3. **Dewan, A.**; Nanda,K. & Gupta, S.C. 1994a. Mass propagation of *Acacia holosericea*-a leguminous tree. In: Fourth Ann. Symp. On Biotechnology & Human Society, I.W.S.A., Delhi, p.24.
4. **Dewan, A.**; Nanda,K. & Gupta, S.C. 1994b. Mass *in vitro* propagation of arid zone tree legumes. In: VIIIth Int. Congr. On Pl. Tissue & Cell Culture, Firenze, Italy, p.165
5. **Dewan, A.**; Nanda,K. & Gupta, S.C. 1995. *In vitro* regeneration of *Acacia holosericea*- a leguminous tree. In: 2nd Int. Pl. Tissue Cult. Conf. Dhaka, Bangladesh.p 27.
6. **Dewan, A.**; Nanda,K. & Gupta, S.C. 1996. Clonal propagation of *Acacia nilotica* subsp.indica Brenan Trees. In: Int. Conf. on Biotech. & Biodiver., Kathmandu, Nepal, G-II.
7. Nanda, K.; **Dewan, A.**; Philips, S. & Gupta, S.C. 1997. Micropropagation of *Acacia* species. In: Nat. Symp. On Emerging Trends in Pl. Tiss Cult. & Biol. & XX Meeting of Pl. Tiss. Cult. Assoc.(India), Osmania Univ., Hyderabad, p.48.
8. Shukla, A. **Narang, A.** 2022. A report on the Indian Laboulbeniomycetes. In: INCSR

CHAPTERS IN BOOKS

1. Manoj Kumar Singh, Sumit Sahni, **Anita Narang** (2021) Impact of Climate Change on Functional

AM Fungi in Rhizosphere, In: Climate Change and the Microbiome, Sustenance of the Ecosphere; Vol. 63; Ed. D.K. Choudhary, Arti Mishra, Ajit Verma; Publ: Springer; p-397-418.

2. Manoj Kumar Singh, Sumit Sahni, **Anita Narang** (2021) Production of liquid Biofuels from Lignocellulosic Biomass, In: Energy: Crisis, Challenges and Solutions; Ed. Pardeep Singh, Suruchi Singh, Gaurav Kumar, Pooja Baweja; Publ; John Wiley & Sons Ltd.;p-208-230.
3. Sumit Sahni, Manoj Kumar Singh, **Anita Narang** (2021) Sustainable Solution for Future Energy Challenges Through Microbes, In: Energy: Crisis, Challenges and Solutions; Ed. Pardeep Singh, Suruchi Singh, Gaurav Kumar, Pooja Baweja; Publ; John Wiley & Sons Ltd.;p-231-249.

Conference / Presentations /Workshops

ATTENDED

1. Presented paper on “ Mass propagation of *Acacia holosericea*-a leguminous tree”. In: Fourth Symp. On Biotechnology and Human Society, I.W.S.A., Delhi,1994
2. National Symposium on “Biotechnology: Expanding horizons” from 17th -18th October, 2003, INSA.
3. National Conference on” Biodiversity Related International Conventions: Role of Indian Scientific community”, from March 8th -10th, 2006, Campus of Open Learning, University of Delhi.
4. Workshop on “Content creation for e-learning” from August 25th-27th, 2006, Campus of Open Learning, University of Delhi.
5. Workshop on “Genetics, Genomics and Biotechnology” from December 14th-15th, 2006, University of Delhi.
6. Workshop on “Biology Laboratory Course (LS-206)” from September 24th-26th, 2008, Miranda House, University of Delhi.
7. Workshop on “Learning for Content (L4C)-42-Workshop on Open Educational Resources”, from April 13th-17th, 2009, A.N.D.College & South Campus, University of Delhi.
8. Workshop on “Easy Now-1: A Workshop on Multimedia Content Development”, from April 20th-25th, 2009, A.N.D. College, University of Delhi.
9. Workshop on “Development of online quizzes in Life Sciences”, April, 2009, Institute of

Lifelong Learning, University of Delhi.

10. National Symposium on "Chemistry in Biology: the future of Life sciences" from February 12th-13th, 2010, A.N.D.College, University of Delhi.
11. International Webinar on 'Covid-19: Truths and Myths" on 9th June, 2021 organized by IQAC, A.N.D.College, University of Delhi.
12. National Webinar on "Plant metabolic engineering" on 15th June, 2021 organized by Guru Nanak College' Velachery, Chennai.
13. National Webinar on "Mucormycosis and Post Covid Recovery: Effects, Complications and Solutions "on 18th June, 2021 organized by Guru Nanak College' Velachery, Chennai.
14. Online session with Ms Ankita Sharma on 18th July, 2021 organized by Paakhi, The Women Empowerment Cell of Sri Aurobindo College, University of Delhi.
15. Webinar on 'Floral Gardening Skills' on 19th July, 2021 organized by Gargi College, University of Delhi.
16. International Webinar on 'Enhancing Food and Nutritional Security through promoting R4D in dry land crops: ICRISAT's role' on 26th July, 2021 organized by Biogene.com
17. International Webinar on 'Plant Tissue Culture: Micropropagation to Genetic Transformation"on 28th July, 2021 organized by Biogene.com
18. Webinar on 'Immunity and Natural Immunity booster' on 30th July, 2021 organized by Maitreyi College, University of Delhi.
19. International Webinar on 'My career as a public wheat breeder-'The only constant in life is change' on 16th August, 2021 organized by Biogene.com
20. National Webinar on 'Ecosystem Sustainability' on 18th August, 2021 organized by Department of Botany, Jyoti Nivas College, Autonomous, Bengaluru.
21. International webinar on 'Ethics in Research and Publications' on 5th September, 2021 organized by Biogene.com
22. 6th Annual International Conference of INSCR on "Microbes in Sustainable Development" from November 15th-18th, 2021, online mode, organized by Department of Zoology; University of Delhi.
23. Workshop on 'Microbes for Sustainable and Resilient Future" from December 7th-11th, 2021, Department of Botany, University of Delhi

24. Online IP Awareness Training Program under NIPAM on 29th December, 2021 organized by Intellectual Property Office, Government of India.
25. Webinar on “ Translational genomics in soybean; How genetic information can be made relevant to breeders’ by Prof. Francois Belzile, University of Laval, Canada, on 27th June, 2022
26. One day International Symposium on Ecology, evolution and Biodiversity organised by Institute of Eminence and Department of Environmental Studies, University of Delhi on 18th August, 2022.
27. Online IP Awareness/Training program under National Intellectual Property Awareness Mission on August 27th, 2022 organized by Intellectual Property Office, India.
28. International conference on ‘Insights into the latest developments in fungal biology (ILDFB-2022)’ organised by Department of Botany in association with MHFDC and RDC, Hansraj College, University of Delhi, on 3rd September, 2022.
29. Webinar on ‘Quillbot’ on September 29th, 2022 organized by A.N.D. College, University of Delhi.
30. Workshop on ‘Hydroponics-Smart Urban Farming’ on 11th March, 2023 organized by Department of Botany, Kirori Mal College in collaboration with IARI.
31. National Seminar on ‘Recent trends in Life science entrepreneurship in the era of G20’ on April 15th, 2023 organized by Department of Botany, Dyal Singh College, University of Delhi.

WORKSHOPS/ WEBINAR/TALKS ORGANIZED

32. Resource person for 4 days workshop on “Biology Laboratory Course (LS-306)” from October 21st-24th, 2008, A.N.D. College, University of Delhi.
33. Resource person for practical training workshop on “Understanding complexities of life from Molecules to System: concepts and tools from May 12th-23rd, 2008, A.N.D. College, University of Delhi.
34. Organized a talk by Dr S. Nagaraj, IISER, Pune on ‘Matrix of Multicellular Life: How cell adhesion regulates cell function’ on 16th July, 2020.
35. Organized a talk by Dr Prakash Baba Amte (Lok Biradari Prakalp, Anandvan, Maharashtra) on ‘Humans for nature’ on 15th October, 2020.
36. Organized a talk by Dr Vinita Bharat, Post Doctoral Research Fellow, Stanford University on ‘Fuzzy synapse: Endeavour to Connect Science and Society’ on 21st October, 2020.

37. Organized a webinar by on 'How bioinformatics changed the face of research in life sciences' by Dr B. Jayaram, IIT, Delhi on 9th January, 2021.
38. Organized a RBPT based workshop on Bioinformatics for undergraduate students from 9th Jan, 2021 to 13th Jan, 2021.
39. Organized a step-by-step hands on workshop on data mining from literature to pathways for undergraduate students from 1st March, 2021 to 3rd March, 2021.
40. Organized a webinar on 'Endomycorrhiza: Friends of plant roots, by Prof Roopam Kapoor, Department of Botany, University of Delhi on 23rd March, 2021.
41. Organized a webinar on 'Cultivation of edible mushrooms; Pleurotus species' by Prof. Rajni Gupta, K.M.College, University of Delhi on 17th June,2021.
42. Organized a webinar on 'Mycorrhizosphere to rhizosphere microbiome; the paradigm shift' by Prof. Manju M. Gupta, Aurobindo College, University of Delhi on 23rd June,2021
43. Resource person for Five days hands-on workshop on "Laboratory Techniques in Botany" from 21st-26th October, 2021 organized by A.N.D. College, University of Delhi.
44. Organized a lecture on 'Challenges and strategic solutions for breaking the bias for better nutrition and health outcomes' by Deepti Gulati, Industry chair Professor, NIFTEM, Sonapat on 8th March, 2022, A.N.D. College, University of Delhi.
45. Co-ordinator of International e-conference on "Mitigating environmental issues by sustainable approaches (ICMESA-2022) on February 22nd -28th, 2022, A.N.D. College, University of Delhi.
46. Chaired a session in International e-conference on "Mitigating environmental issues by sustainable approaches (ICMESA-2022) on February 22nd -28th, 2022, A.N.D. College, University of Delhi.
47. Co-chaired a session in International e-conference on "Mitigating environmental issues by sustainable approaches (ICMESA-2022) on February 22nd -28th, 2022, A.N.D. College, University of Delhi.
48. Set up the Mushroom Research and Skill Development Centre, A.N.D.College, 8th March, 2022.
49. Organized a online talk by Ms. Ankita Sukhwal on "Menstrual Health and Hygiene" on 22nd June, 2022 organized by A.N.D. College in collaboration with Global Hunt Foundation

50. Resource person for 'National Workshop on Skill Enhancement of Non-teaching Staff (NWSSENS-2022)' from July 13th-20th, 2022, A.N.D. College, University of Delhi.
51. Organized a talk on 'Living in Sunshine' by Dr I.K.Sethi (Indian Cancer Society) on 12th October, 2022.
52. Organised a talk on 'Millets: Our National Pride" by Dr S.P.Singh, Principal Scientist, Division of Genetics, ICAR-IARI on 27th March, 2023.
53. Resource person for one day workshop on 'Quantitative Microbial Ecology: Opportunities and way ahead" on February 4th, 2023, A.N.D. College, University of Delhi.

ORIENTATION/REFRESHER COURSE ATTENDED

1. Four-week Orientation Course in Natural Sciences conducted by J.N.University from July 15th-August 9th, 2002.
2. Three -week Refresher Course in" Life Sciences" jointly conducted by C.P.D.H.E. and I.L.L.L.,University of Delhi from January 29th-February 18th, 2009.
3. Three-week Refresher Course in "Biotechnology & its Applications" conducted by C.P.D.H.E.,University of Delhi from July 21st-August 10th, 2009.

FDP/EDP ATTENDED

1. Participated in Faculty Development Programme organized by Ramanujan College, University of Delhi on " Managing Online Classes & Co-creating MOOCS" under PMMMMNMTT, 20th April-7th May, 2020.
2. Participated in FDP on 'Environmental Audit' organized by Kirori Mal College, University of Delhi in association with MHRD PMMMMNMTT, June 28th-July 2nd, 2021.
3. Participated in Executive Development Programme (equivalent to Certificate course) on "Hands-on with MS Office Essentials" organized by Department of Vocation, Ramanujan College; University of Delhi, July 19th-September 3rd, 2021.

Research Projects (Major Grants/Research Collaboration)

Have guided undergraduate students under ELITE projects of the college.

Awards and Distinctions

Awarded Women's Achievement Award on International Women's Day on 8th March, 2008 by WIN(Women's International Network)

Association With Professional Bodies

(a) Membership/Fellowship of Learned bodies / Societies:

- Life member of Association of Teachers in Biological sciences
- Life member of Delhi University Botanical Society
- Life member of Indian Network for Soil Contamination Research.

(b) Reviewer of Journals

1. Plant Science Today
2. Journal of Tropical Life Sciences
3. Academic Journal of Kalindi College, University of Delhi

Other Activities

Involved in preparation of UG syllabus, examination question papers and conducting practical exams of UG students of the University.

Signature of Faculty Member

- You are also requested to also give your complete resume as a DOC and PDF file to be attached as a link on your faculty page.