



Arvi Dist. Wardha College of Arts, Commerce and Science College Arvi, Dist. Wardha

FACULTY PROFILE



1. Full Name (in Caps) : ANIL SHIVRAMJI DAHAT
2. Local Address : Sarswati Nagar, Dattwadi Talegaon Road ,Arvi
Ta. Arvi Diat. Wardha.
3. Permanent Address : Sarswati Nagar, Dattwadi Talegaon Road ,Arvi
Ta. Arvi Diat. Wardha.
4. Contacts : 9421727626 9370844122
5. E_mail ID : asdahat007@rediffmail.com
6. Designation : Asstt. Professor
7. Department : Botany
8. Date of Birth : 14/07/1971
9. Date of Joining : 03/10/1996 Date of Retirement : 30/10/2031
10. Area of Specialization : Mycology and Plant Pathology, Reproductive Biology.
11. Qualification Details :

Degree	University	Subject	Division / Grade	Passing Year
Ph.D.	Amravati University	Botany	---	October 2008
M.Phil.	-----	---	---	-----
NET/SET	-----	---	---	-----
B.Ed.	-----	---	---	-----
P.G.	Amravati University	Botany	I st	May, 1996
U.G.	Amravati University	CBZ	I st	May, 1994
Others	-----	----	-----	-----

12. Teaching Experience : UG: 24 Yrs. PG: Nil Yrs. Research: 12 Yrs.
13. Total work experience : 24 Yrs.
14. Supervisor (M.Phil./Ph.D.) Ph.D.
15. Area of Research : Reproductive Biology
16. Thesis Title for Ph.D. : Insect Pollination in some Important Crop Plants.

17. **Research Publication** :

1. Dahat, A.S. and J.A. Tidake (2005) Crop Pollination, Diversity. Behaviour and role of Insect Pollination in *Gossypium hirsutum* L. and *Cajanus cajan* L. Proc. ICPSBC-05 : 197-200.
2. Dahat, A.S., J.A. Tidake and P.J. Kale (2006) Flowering Phenology and Insect Pollination in *Brassica campestris* L. J.Com.Toxicol.Physiol.
3. A. S. Dahat P.J. Kale, J. A. Tidke and (2017). Study of flowering phenology and pollination in *Cajanus cajan* L. International Journal of Applied Research. 3(3S) G 211-214. ISSN 2394-5869.
4. Dahat A.S., Tidke J.A. (2011) Insect Pollination, Fruit set and Seed Yield in *Allium cepa* L. (Alliaceae) Journal The Botanique, Vol.15 (1 &2), page no. 23 -32.
5. Dahat, A.S., Tidke J.A., Sewane S.K. (2012) Role of Insect pollination in increasing fruit set and seed yield in *Brassica campestris* L. (Brassicaceae) Journal Multilogic in Science Voll.II. Issue II, Page no.25 to 37.
6. Dahat A.S., Kale, P. J., and Tidke J.A. (2015). Flowering Phenology and yield comparison in different treatment of pollination in *Gossypium hirsutum* L. **The Botanique**. 19(1) 4-14.
7. Dahat, A.S., J.A. Tidke and P.J. Kale (2017) Insect pollination in increasing fruit set and seed yield in *Seasamum indicum* L. (Pedaliaceae) International Journal of Applied Research P.166-171. ISSN 2394-5869.
- 8 **P.J. Kale, J. A. Tidke and A. S. Dahat (2017). Study of flowering phenology and pollination in *Cajanus cajan* L. International Journal of Applied Research. 3(3S) G 211-214. ISSN 2394-5869.**

- 9 P.J. Kale, A.S. Dahat and M.S. Bhoyar (Dec.-2019) Role of wild pollinators in economy of Gossypium hirsutum L. Knowledge Resonance. Special Issue. ISSN 2231-1629
- 10 A.S. Dahat (March 2020) Indian Woman and Domestic / Familiar Violence Laws B.Aadhar International Multidisciplinary Research Journal.Special Issue ISSN: 2278-9308.

18. Publication in Conference/Seminars/Workshops Proceedings :

Paper Presented :

1. Diversity, Behaviour and role of Insect Pollination in *Gossypium hirsutum* L. and *Cajanus cajan* L. International Conference on Modern Trends in Plant Science with Special Reference to the role of Biodiversity in Conservation, Department of Botany, Amravati University, Amravati 17th to 20th February, 2005.
2. Flowering phenology and Insect Pollination in *Brassica Campestris* L. and *Sesamum indicum* L. National Conference on "Recent Advances in Biology" organized by Department of Botany & Zoology S.N.More Arts, Comm. and Smt. G.D. Saraf Science College Tumsar, Dist. Bhandara. on 2nd & 3rd February 2007.
3. Observation on some aspect of Pollination in *Cajanus Cajan* (L.) millsp (Fabaceae) National Seminar on Emerging Trends in Plant Science: "Biodiversity Biotechnology, & Environmental Conservation" and Symposium on "Relevance of Linnaean Legacy & Thought in his Tercentenary year" 28th -30th Nov. 2007 organized by School of Studies in Botany, Jiwaji University Gwalior (M.P.)
4. Insect Pollination, Fruit set and seed yield in *Coriandrum sativum* L. (Apiaceae) National Conference on "Recent Trends in Bioscience" organized by Dept. of Botany, Zoology and Environmental Science Govt. Institute of Science, Nagpur from 20th & 21st January, 2009.
5. Insect Pollination, Fruit set and seed yield in *Helianthus Annuus* L. XXXII All India Botanical Conference and International Symposium on "Diversity of Plants and Microbes: Present Scenario" held at Dept. of P.G. Studies and Research in Applied Botany, Kuvempu University, Shankaraghatta during 28th -30th December, 2009.
6. Pollination Ecology of *Allium cepa* L. (Alliaceae) Golden Jubilee National Symposium on "Plant Diversity Utilization and Management" organized by Department of Botany University of Kerala on 27th -29th May, 2010.
7. Pollination Ecology of *Sesamum indicum* L. National Conference on Global Challenges in "Germplasm conservation and Biodiversity" organized by PGDT of Botany Rashtrasant Tukadoji Maharaj University, Nagpur. On 7th -8th July, 2010
8. Insect pollination, Fruit set and seed yield in *Capsicum annum* L. (Solanaceae) First Global Congress on "Plant Reproductive Biology" organized by The society of Plant Reproductive Biologists held on 22nd, 23rd and 24th October, 2010 at Agra.
9. Fatness and on its remedies National Conference on "Obesity-Exercise & Weight Management" organized by Deptt. of Physical Education & Deptt. Of Home Economics of Arts, Commerce & Science College Arvi, Dist. Wardha on 8th September, 2012.

10. Role of Insect Pollination in *Raphanus sativus* International Symposium and XXII Annual Conference of Indian Association for Angiosperm Taxonomy on Innovative Prospects In Angiosperm Taxonomy during October 28-30, 2012, organized by Department of Botany, S.G.B. Amravati University, Amravati.
11. Role of insect pollination in increasing fruit set and seed yield in *Brassica campestris* L. (Brassicaceae) International Symposium on Conservation and Management of Pollinators for Sustainable Agriculture and Ecosystem Services held at National Agriculture Science Complex, New Delhi, India from 24-26 September, 2014.
12. **P.J. Kale**, J. A. Tidke and A. S. Dahat. Flowering Phenology and yield comparison in different treatment of pollination in *Gossypium hirsutum* L. "Silver jubilee National conference on plant diversity: past and present" Organized by Department of Botany, Sant Gadge Baba Amravati University Amravati on 30- 31st Dec. 2016. (Oral Presentation)
13. **A.S. Dahat**, J.A. Tidke and P.J.Kale Role of Insect Pollination and Fruit Set and Seed Yield in *Helianthus annuus* L. Silver jubilee National conference on plant diversity: past and present" Organized by Department of Botany, Sant Gadge Baba Amravati University Amravati on 30- 31st Dec. 2016. (Oral Presentation)

14. **P.J. Kale**, J. A. Tidke and A. S. Dahat. Study of flowering phenology and pollination in *Cajanus cajan* L. National conference on Recent advances and opportunities in biological sciences organized by department of Zoology and Botany Late PG Arts and Science Mahavidyalaya, Shirpur (Jain) Malegaon, Washim on 17 March 2017. (Oral Presentation)
15. A. S. Dahat, J. A. Tidke and **P.J. Kale**. Insect pollination, fruit set and seed yield in *Sesamum indicum* L. (Pedaliaceae). National conference on Recent advances and opportunities in biological sciences organized by department of Zoology and Botany Late PG Arts and Science Mahavidyalaya, Shirpur (Jain) Malegaon, Washim on 17 March 2017. (Oral Presentation)

16. Wild Pollinators-Pollen Load Carried by Them in *Helianthus annuus* L. XX National Conference of Aerobiology-2018 organized by Department of Botany, S.G.B. Amravati University, Amravati in collaboration with Indian Aerobiology Society during 29th -31st January, 2018.
17. Wild Pollinators-Pollen Load Carried by Them in *Gossypium hirsutum* L. XX National Conference of Aerobiology-2018 organized by Department of Botany, S.G.B. Amravati University, Amravati in collaboration with Indian Aerobiology Society during 29th -31st January, 2018.
18. Kale P.J. Tidke J.A., Dahat A.S., Rokade S.S. and Rajurkar A.V. Role of Natural Pollinators on Crop yields in Plants cultivated around Amravati (M.S.) XXI National conference on Aerobiology 2019 Organized by Department of Botany, Vishva-Bharti Santiniketan West Bengal on 18th -20th November 2019 (oral presentation).

- 19). Dahat A.S., Tidke J.A., Kale P.J., Rokade S.S. and Rajurkar A.V. Insect pollination and their

effect on seed yield in *Allium cepa* L. XXI National conference on Aerobiology 2019 Organized by Department of Botany, Vishva-Bharti santiniketan west Bengal on 18th -20th November 2019 (oral presentation).

20). Rokade S.S., Tidke J.A., Kale P.J., Rajurkar A.V. and Dahat A.S. In silico antigenic and Allergic characters prediction of putative uncharacterized protein 4 from *Oryza sativa* pollen grains. XXI National conference on Aerobiology 2019 Organized by Department of Botany, Vishva-Bharti santiniketan west Bengal on 18th -20th November 2019 (oral presentation).

21) Rajurkar A.V., Tidke J.A., Rokade S.S., Kale P.J., and Dahat A.S. SEM based assessment of pollen diversity in some genera of family Asteraceae. XXI National conference on Aerobiology 2019 Organized by Department of Botany, Vishva-Bharti santiniketan west Bengal on 18th -20th November 2019 (oral presentation).

Presentation : 21 Paper presented in various conferences.

In Books :

1. Chapter in Book Botany B.Sc. Semester I (2014) Himalaya Publishing House
2. Chapter in Book Botany B.Sc. Semester III (2014) Himalaya Publishing House
3. Chapter in Book Botany B.Sc. Semester IV (2015) Himalaya Publishing House
4. Chapter in Book Botany B.Sc. Semester VI (2016) Himalaya Publishing House

Others :

1. Member of Indian Science Congress Association, Colcatta.
2. Life Member of Nagpur University Teacher Association Nagpur.
3. Indian Aerobiology Society India.
4. Member of Judging Committee for best paper presenting competition in Golden Jubilee National Symposium on "Plant Diversity Utilization and Management" organized by Department of Botany University of Kerala on 27th -29th may, 2010.
5. Co-chairman for technical session on oral session- IV in XX National Conference of Aerobiology-2018 organized by Department of Botany, S. G. B. Amravati University, Amravati in collaboration with Indian Aerobiology Society during 29th -31st January, 2018.

19. Conference Presentation/Attendance

1. Attended two days National seminar on "Awareness of Biodiversity for Acclimatizable Environment in 21st Century" Organized by Jankidevi Bajaj College of Science, Wardha. On 9-10 August 2002.
2. Attended one day Workshop on "Teaching Botany Practical in the framework of UGC guidelines: A new approach" organized by Nagpur University & Institute of Science, Nagpur. On 28th September 2002.
3. Attended two days National seminar on "Water Security" Organized by Dr.Ambwdkar College, Nagpur. On 20th & 21stJanuary 2004.
4. Attended two days workshop on "B.Sc. final Revised syllabus of Botany" Organized by the Botany Department of Nagpur University. On 23rd& 24th July 2004.
5. Participated in International Conference on Modern Trends in Plant Science with Special Reference to the role of Biodiversity in Conservation, organized by Department of Botany, Amravati University, Amravati 17th to 20th February,2005.
6. Attended Two days National Conference on "Emerging trends in Medical Plants & Their Biotechnological Advances" organized by Dr.Ambedkar College, Nagpur. On 5th & 6th January 2007.
7. Attended two days National Conference on "Recent Advances in Biology" organized by Department of Botany & Zoology S.N.More Arts, Comm.and Smt. G.D.Saraf Science College Tumsar,Dist.Bhandara.on 2nd& 3rd February2007.
8. Attended one day "Workshop on people's Biodiversity Register" organized by postgraduate dept. of Botany Board of college and University Development R.T.M.N. University, Nagpur on 26th October,2007.
9. Attended two days National Seminar on Emerging Trends in Plant Science:"Biodiversity Biotechnology, & Environmental Conservation" and Symposium on" Relevance of Linnaean Legacy & Thought in his Tercentenary year" organized by School of Studies in Botany, Jiwaji University Gwalior (M.P.)
10. Attended two days National Conference on "Recent Trends in Bioscience" organized by Dept. of Botany, Zoology and Environmental Science Govt. Institute of Science, Nagpur from 20th& 21st January,2009.
11. Attended one day National Seminar on "Emerging trends in Chemical and Life Sciences and its Relevance to Environmental conservation" organized by Nutan Adarsh Arts, Comm, and Smt. Manibai Harilal Wegad Science college, Umrer, on 4th December,2009.
12. Attended three days XXXII All India Botanical Conference and International Symposium on "Diversity of Plants and Microbes: Present Scenario" held at Dept. of P.G. Studies and Research in Applied Botany,Kuvempu University, Shankaraghatta during 28th -30th December,2009.
13. Attended three days Golden Jubilee National Symposium on "Plant Diversity Utilization and Management" organized by Department of Botany University of Kerala on 27th -29th may, 2010.
14. Attended two days National Conference on Global Challenges in" Germplasm conservation and Biodiversity" organized by PGDT of Botany Rashtrasant Tukadoji Maharaj University, Nagpur. On 7th -8th July,2010.

15. Attended one day National Seminar on “Recent Trends In Bio Geo Science” organized by Shri M. Mohata College of Science Nagpur on 14th October, 2010.
16. Attended three days First Global Congress on “Plant Reproductive Biology” organized by The society of Plant Reproductive Biologists held on 22nd, 23rd and 24th October, 2010 at Agra.
17. Attended one day Workshop on Academic Performance Indicators (APIs) & (PBAS) under Career Advancement Scheme (CAS) organized by Dhanwate National College, Nagpur on 9th October 2011.
18. Attended two days National Seminar on “Status of Biodiversity in India” held at Deptt. Of Botany R.D.I.K. & K.D. College, Badnera (Rly.) during 10-11 2011.
19. Attended one day National Seminar on “Recent Trends in Plant Biotechnology” organized by Department of Botany, Mahatma Jyotiba Phule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud in collaboration with S.G.B. Amravati University Botany Teachers’ Association, Amravati on 28th January, 2012.
20. Attended one day National Conference on “Current Status of fresh Water Aquatic Biology and Wetland Conservation organized by Anand Niketan College of Science, Arts & Commerce Anandwan, Warora, Dist. Chandrapur held on 2nd Feb. 2012.
21. Attended one day National Conference on “Obesity-Exercise & Weight Management” organized by Deptt. of Physical Education & Deptt. Of Home Economics of Arts, Commerce & Science College Arvi, Dist. Wardha on 8th September, 2012.
22. Attended three days International Symposium and XXII Annual Conference of Indian Association for Angiosperm Taxonomy on Innovative Prospects In Angiosperm Taxonomy during October 28-30, 2012, organized by Department of Botany, S.G.B. Amravati University, Amravati.
23. Attended one day National Seminar on “Recent Trends in Botany” organized by Department of Botany, Nilkanthrao Shinde Science and Arts College, Bhadravati, Dist. Chandrapur on 11th January 2013.
24. Attended two days National Conference on “Advances In Life Sciences: Present and Future” organized by VidyaBharti Mahavidyalaya, Amravati in collaboration with S.S.S.K.R. Innani Mahavidyalaya Karanja (Lad) Dist. Washim (M.S.) on 11-12 January, 2013.
25. Attended one day National Conference on “Ethnobotany” organized by Department of Botany, Jagat Arts, Commerce and Indiraben Hariharbhai Patel Science College, Goregaon Dist. Gondia (MS) on 23rd February, 2013.
26. Participated in one day workshop on “B.Sc.-III (Botany) New Syllabus and Semester pattern at B.Sc.-I “to discuss scope and Limitation on 21st March 2013. Organized by Jankidevi Bajaj College of Science, Wardha.
27. Attended State level Seminar on “Microbial Diversity: Interactions of Microbes in Complex Environment” organized by Arts & Science College Pulgaon held on 10th January 2014.
28. Participated in two days International Symposium on Conservation and Management of Pollinators for Sustainable Agriculture and Ecosystem Services held at National Agriculture Science Complex, New Delhi, India from 24-26 September, 2014.
29. Attended one day Symposium organized by Department of Botany Govt. Institute of Science, Nagpur on “Biodiversity of Past” on 22nd January, 2016.

30. Participated in the National Seminar on Nanotechnology: "Today and Tomorrow" organized by Jankidevi Bajaj College of Science, Wardha on 28th February, 2016.
31. Participated in DBT-UGC (CPEII) sponsored National Level one day Workshop on Nanotechnology organized by Jankidevi Bajaj College of science, Wardha on 29th February, 2016.
32. Attended Silver Jubilee National Conference on : Past and Present organized by Department of Botany, S.G.B. Amravati University, Amravati in Collaboration with Science Research Institute International, Nagpur during 30th -31st December, 2016.
33. Participated in National Conference on Recent Trends in Biotechnology and Biodiversity organized by Department of Life Science, Shri Shivaji Science College, Amravati on 22nd - 23rd September, 2017.
34. Participated in XX National Conference of Aerobiology-2018 organized by Department of Botany, S.G.B. Amravati University, Amravati in collaboration with Indian Aerobiology Society during 29th -31st January, 2018.
35. Participated in Workshop on "Patent Drafting. Filing & Processing" held at Vidya Bharati Mahavidyalaya, Camp, Amravati, on 29th November, 2018.
36. XXI National conference on Aerobiology 2019 theme – Impact Assessment of airborne pollen and spore Organized by Department of Botany, Vishva-Bharti santiniketan west Bengal on 18th -20th November 2019.
37. National Seminar on "Revised NAAC Framework: Prospects and Challenges in Rural Setup" Organized by Vidyabharti College, Seloo, Dist. Wardha.
38. State level one day workshop on NAAC's revise accreditation framework (RAF) An overview & intellectual property rights (IPR) on 20th April 2019 organized by Arts, Commerce & Science College, Arvi, Dist. Wardha.
39. Two day interdisciplinary National conference on the development of Indian economy towards five trillion dollar economy organized by Arts, Commerce & Science College, Arvi, Dist. Wardha and Narayanrao Smruti Model College Karanja (Ghad.) Dist. Wardha on 14-15th December 2019.
40. One day State level Workshop on "Intellectual Property Rights (IPR) and Career Advancement Scheme (CAS)" Organized by Internal Quality Assurance Cell (IQAC) Narayanrao Kale Smruti Model College (Arts, Commerce & Science) Karanja (Gh.) Dist. Wardha on 26th February 2020.

18 **Details of online course/Training completed**

- 1) Online Two Week Faculty Development Programm organized by Teaching Learning Center Ramanujan College, University of Delhi. Sponsored by MHRD pandit Madan Mohan Malaviya National Mission on Teachers and Teaching on "Managing online Classes and Co-Creating Moocs;2.0" From May 18-June 03, 2020.

- 2) "e-Short term Course on Ethnobotany" Organized by Dept.of Botany Shri Vyankatesh Arts,commerce & Science College,Deulgaon Raja.Dist.Buldhana.443204 During 06th May to 11th May 2020
- 3) Online Faculty Development Programme Organized by Arihant College of Arts and Science camp,Pune on E-content development for Teaching-Learning during 8th June to 13th June 2020.

19 Invited as Resource Person

- 1.Samarth College, Asthi
- 2.N.K.S.ModelCollege,Karanja (Ghad.)
- 3.Arvinbabu Deshmukh College, Bharsingi, Dist. Nagpur
4. N.K.S.ModelCollege,Karanja (Ghad.)

20 Video E-Learning :

Youtube Title : 1 (Heterospory and seed habit)

Others : Conducted online quiz on syllabus for B.Sc. Sem.II,IV&VI

21 Training Program Attended :

- 1.Maharashtra State Sahakarisingh Ltd. Pune organized two days training on the dated 26/11/2011 to 28/11/2011 for sevak

22 Academic honors/Distinctions/Awards received

- 1.Dr.Babasaheb Ambedkar Samajrattn award by Maharashtra Dalit TarunSanghatna,Nagpur.
- 2.Certificate of Review for paper in Multidisciplinary International Research Journal Vol.8 issue 2 month April (Part-1) year 2019.by Social Research Foundation Kanpur-208011.

24. Expert Committee Meeting

- 1.Member as Various Committees at University Level.
- 2.(Selection, Placement and Local Inquiry Committee.)

25. Research Projects with financial paste

Title of Minor Project : "Insect Pollination in Helianthus annuus."

Title of Major Project : NA



(Anil Shivramji Dahat)