

Curriculum Vitae of Anju Batta Sehgal

Name : Dr. Anju Batta Sehgal

Date of Birth : 22nd Nov., 1964

Date of Joining of Regular Service : 16th Nov., 1989

Date of Confirmation : 16th Nov., 1991



Qualifications:

M.Sc. Gold Medalist (H.P. University)

M.Phil. Distinction (H.P. University)

Ph.D. (H.P. University)

Ph.D. Thesis Topic : "Ethnobotany of Hamirpur District (H.P.), India"

Present Designation : Principal, NSCBM Govt. PG College, Hamirpur, H.P.

Pay Scale : Rs. 37,400-67,000/-+ Rs. 10000/- GP (BP Rs. 69464+ 10000=79464)

Participation in Summer Schools/Orientation Programmes

1. 3-weeks orientation programme in HP Acad. Staff College, Shimla, June 25 - July 21, 1990.
2. 2 day's workshop on Industrial Exploration of Herbal Species of Himalayan origin, REC Hamirpur, Nov. 08 - 09, 1997.
3. Workshop on Personal & Professional Roles for Women, NIT Hamirpur, Dec. 02 - 03, 2006.
4. STC on Environmental Hazards, NIT Hamirpur, July 09-13, 2007.
5. STC on use of Multimedia and Electronic Equipment's, NIT Hamirpur, Sept. 27 - Oct. 01, 2007.
6. ICT workshop, NIT Hamirpur, May 23-25, 2008.
7. National Workshop on Plasma Surface Interactions and Processing NWPSIP-09, NIT Hamirpur, May 25 - 27, 2009.
8. STC on Orientation Programme for Technical Teachers 2009, NIT Hamirpur, June 20 - July 03, 2009.
9. INS National Seminar on Nuclear Technology for Nation Building, NTNB-09, NIT Hamirpur, Aug. 08, 2009.
10. STC on Micro & Nano Composite Materials, NIT Hamirpur, Dec. 28 - Jan 01, 2010.

11. National Workshop on Energy Efficient Green Building Concepts, NIT Hamirpur, Nov. 9, 2010.
12. National Seminar on Ethnobotany in the Third Millennium Role and Expectations in Himachal Pradesh, Govt. College Nadaun, March 17 - 18, 2012.
13. National Seminar on Intellectual Property Rights, NIT Hamirpur, August 25, 2012.
14. National Seminar on Biodiversity, Green Economy and Sustainable Mountain Development, HPU, Shimla, Sept. 22, 2012.
15. National Seminar on Emerging Consumerism in Context of Climate Change: Issues and Challenges, Govt. College Chamba, Oct. 3-5, 2012.
16. National Workshop on Astronomy & Astrophysics, Govt. College Hamirpur, H.P., Oct. 15, 2012.
17. AIDS Awareness Workshop, Govt. College Hamirpur, delivered expert talk, Dec. 08, 2012.
18. Attended National workshop on Engineering Applications for Sustainable Development at National Institute of Technology Hamirpur, H.P. on 15th to 17th Feb. 2013.
19. Attended national workshop on "Universal Human Values" at National Institute of Technology Hamirpur, H.P. on 27th to 29th Sept. 2013.
20. Attended one-week training programme on "Advances in Material Characterization" ATMC-2013 at National Institute of Technology Hamirpur, H.P. during May 20-24, 2013.
21. Attended three-day workshop on "Universal Human Values" at National Institute of Technology Hamirpur, H.P. during Sept., 27th - 29th 2013.
22. Attended one-week training at Govt. College of Teacher's Education at Dharamshala H.P. from 24th Nov., 2014 to 29th Nov., 2014.
23. Attended Two days Workshop on Documentary Film Making on 28-29th March 2015 in NIT Hamirpur.
24. Attended a week long training in Himachal Institute of Public Administration on Financial Administration. For college Principals from 2-5 Nov. 2015.
25. Attended one-day Seminar on legal awareness in G.C. Hamirpur.

Organization of Courses/Seminars

1. One-day Workshop on "Water is Elixir of Life"
2. One-day Workshop on "Wealth from Waste"
3. One-day Workshop on "More Crop Per Drop"

4. Various student level activities on Global Warming, Pollution, Environment.
5. AIDS Awareness Workshop.
6. Delivered expert talk on AIDS and sensitized the students about HIV/AIDS, at NSCBM govt. College Hamirpur, during AIDS awareness week Nov.- Dec., 2013.
7. Delivered expert talk on “Wealth from Waste” to the NCC cadets of Govt. P.G. College Hamirpur, in NCC week celebrations, 2013.
8. Delivered expert talk on AIDS in NSCBM Govt. College Hamirpur for sensitizing students about AIDS.
9. Delivered expert talk on National Education Day on 11th Nov. 2014 in Govt. College Hamirpur.

Major/Minor Projects Guided

- i. 25 Projects on ACE
- ii. 50 Projects of DNHE
- iii. 10 Projects of DECE
- iv. 75 Projects of Ethnobotany
- v. 100 Projects on Taxonomy
- vi. 250 Projects on Flora of Hamirpur

M.Phil. Project/Thesis Guidance: One Student

Area of Research: Ethanobotany (Bio-sciences) & Plant Taxonomy

Teaching Experience: 28 Years+ 6 Yrs. Administrative Experience

Extra Assignments

- Part time Counselor of IGNOU for 25 years
- Subject Expert in Botany for Himachal Pradesh Staff Selection Commission (HPSSSB) Hamirpur and Sainik School Sujanpur for Conducting Interviews.
- Paper setter of HP University, Horticulture Univ. Nauni, Solan, Agriculture University & Himachal Pradesh Technical University (HPTU), Hamirpur (H.P.).
- Member “Board of Studies” of Himachal Pradesh University (Deptt. of Botany).

Administrative Assignments

1. Editor of College Magazine

2. Convener of various Admission, Library and Campus Beautification Committees, Life-Sciences society, Superintendent House Exams. of the College.
3. Head Deptt. Of Botany Govt. College Hamirpur.
4. Convener Grievance Redressal Cell/ Convener women Task force committee.
5. Member Secretary Elections of the College.
6. Staff Secretary of the college Staff.
7. Head Examiner Botany for Evaluation of Scripts of Annual Exams.
8. Member Board of Studies of Himachal Univ. for Making and approving of syllabi of university.
9. Coordinated Election Process as Member Secretary Elections in the college for making CSCA of 2014 - 2015.
10. Acted as Deputy Controller Evaluation center for evaluation of more than 50,000 scripts of RUSA 1st and 3rd semester final exams of HPU.
11. Principal Govt. College Sujampur, Distt. Hamirpur (03/07/2015 to 28/08/2018).
12. Principal Govt. College Bhoranj, Distt. Hamirpur (29/08/2018 to 03/08/2019).

Main Subjects Taught

B.Sc.-I, II, III (Pass course + Microbiology, Biotechnology, Biochemistry, Genetics, Ethnobotany, BCell Biology, Taxonomy, Economic Botany and Environmental Sciences, Phycology, Mycology, Plant Pathology, Evolutionary Biology, Gymnosperms, Anatomy, Embryology & Ethnobotany etc.) for the last 28 Years.

Scientific Publications

Refereed journal publications

1. Some Important Supplementary food plants and Wild Edible Plants of Hamirpur District Published in *Phytotaxonomy Journal*, Vol. No.-XIII. ISSN: 0972-4206, March 2014, pg 96-105. **Impact factor 1.797.**
2. Nutritional Analysis of Edible Wild Fruit (*Zizyphus jujuba* Mill.) Used by Rural Populace of District Hamirpur, (H.P.), India. *IOSR Journal*, Vol. 6, Issue 2, May-June, 2013, pg. 40-43. **Impact factor 1.138.**
3. Ethnoveterinary Practices for Herbal Cure of Livestock Used by Rural Populace of Hamirpur, (H.P.), India", *IOSR Journal*, Vol. 3, Issue 1, May-June, 2013, pg. 7-14. **Impact factor 1.1485.**
4. Nutritional Analysis of Fodder plants of Hamirpur, Himachal Pradesh in

International Research Journal of Humanities, Engineering & Pharmaceutical Sciences Vol. 01, Issue 7, pg 85-91 Jan. 2014. ISSN- 2249-2569. **Impact factor 1.963.**

5. Diversity of Medicinal Plants in Hamirpur District of Himachal Pradesh, India, Published in *Phytotaxonomy Journal* Vol. No.-15. ISSN: 0972-4206, March 2015, pg 118-128. **Impact factor 1.797.**
6. Hidden Nutrients of some wild fruits and leaves of Hamirpur, Published in *Phytotaxonomy Journal*, Vol. 16, 2016. ISSN- 0972-4206, pg 138-142. **Impact factor 1.797.**

Papers Presented in National Seminars

1. Presented a paper in National seminar on Ethnobotany on wild edible plants at Govt. College Nadaun Distt. Hamirpur, H.P. in 2011.
2. Presented a paper on Consumerism and climate change in national seminar at Govt. College Chamba H.P. in 3 – 5 Oct. 2012.
3. Presented a paper in National Seminar on Higher Education at Govt. College Sujampur on 8th - 9th Feb. 2013. Reforming Higher Education in India to match Global Standards.
4. Presented a paper in regional seminar on Role of self-Help Groups in the economy of Himachal Pradesh on 8th - 9th March, 2013 in Govt. P.G. College Hamirpur H.P. On the topic Micro-Economic Self Reliance of H.P.-The Women Self-Help Groups.
5. Presented a paper in National Seminar on Climate Change and Its Effect on Agriculture and Indigenous People- Focus on H.P. in “Natural Disaster: Vulnerability, Preparedness and Mitigation (NDVPM-2013)” on 18-20th Oct., 2013.
6. Presented a paper in National Seminar on “Cinema and Society” at Govt. College Kullu on 4-5th Dec. 2013.
7. Presented paper in North Western Regional Seminar on Academic Reforms in Higher Education in Himachal Pradesh: Rashtriya Uchhatar Shiksha Abhiyan (RUSA) on “RUSA-Excellence Around us with Challenges Ahead” on 14-15th March 2014 in NSCBM Govt. College Hamirpur.
8. Presented a paper on “Environmental Issues: Why India has to Worry About the Impact”, In International Conference On “Harnessing Engineering Technology and Innovation for Sustainable Growth.” On 19-20th Sept. 2014 at SSB Univ. Inst. Of Chemical Engg. Punjab University Chandigarh.
9. Presented a paper on “Conservation of Biodiversity and Sustainable Use of Medicinal Plants” In International Conference in Chamba Climate Meet-2014 on 3-5th Oct., 2014 at Govt. College Chamba H.P.
10. Presented a paper in National Seminar on Environmental conservation and

Biodiversity on the Topic, "Biodiversity of Great Himalayan National Park" –Its IUCN Status a Pride for Himachal Pradesh". Held on 27-28th March in Govt. College Hamirpur.

11. Presented paper in Higher Education Seminar organized by RUSA cell in Shimla.

Papers Presented in International Conferences

1. Presented a paper on "Environmental Issues: Why India has to Worry About the Impact", In International Conference On "Harnessing Engineering Technology and Innovation for Sustainable Growth." On 19- 20th Sept. 2014 at SSB Univ. Inst. Of Chemical Engg. Punjab University Chandigarh.
2. Presented a paper on "Conservation of Biodiversity and Sustainable Use of Medicinal Plants" In International Conference in Chamba Climate Meet- 2014 on 3-5th Oct., 2014 at Govt. College Chamba H.P.
3. Presented Paper in Annual Conference of Society of Ethnobiology, in Santa Barbara, California (May 6-9, 2015) on the topic "Hitherto Unknown Uses of Plants by Indigenous People of Himachal Pradesh, India.
4. Presented paper in SOE conference University of Wisconsin Madison on 3-7 June 2018 on the topic, "Role of Ethnic Tribes in conservation of Biodiversity of Great Himalayan National Park" A paradise waiting to be explored.
5. Awarded International Travel Award to attend the conference in Wisconsin Madison in June 2018.

Papers Accepted for Presentation in International Conferences

1. Paper accepted for presentation in international conference of Society of Ethnobiology at Denver Colorado USA, on the topic 'Conservation and use of wild plants by indigenous people of Hamirpur Himachal Pradesh, India.
2. Paper accepted for presentation in annual conference of Society of Economic Botany at Frostburg Maryland USA on the topic Wild Plants and Their Utilization in parts of North-Western Himalayas. (Could't present due to lack of travel grant)
3. Paper accepted for presentation in Annual Conference of Society for Economic Botany to be held on 28th June 2013 to 2nd July 2013 at Plymouth England on the Topic "Ethnomedicinal Practices for Herbal Cure Used by Rural Populace of Hamirpur, Himachal Pradesh, India.
4. Globalisation: Effects on biodiversity, Environment and Society, paper accepted for presentation in Sixth International Conference on Climate Change: Impacts and Responses University of Iceland Reykjavik, Iceland 27-28 June 2014.
5. Paper accepted for presentation on "Management of Climate Change by Indigenous People- A Focus On Himachal Pradesh, India" XVIII ISA World Congress held at

- Japan.
6. Paper accepted for presentation in Annual Conference of Society of Ethnobiology, in Santa Barbara, California (May 6-9, 2015) on the topic "Hitherto Unknown Uses of Plants by Indigenous People Of Himachal Pradesh, India.
 7. Paper accepted for presentation in Annual Conference of Society of Ethnobiology in University of Wisconsin Madison USA. Presented on 5th June 2018 on the topic, "Role of Ethnic Tribes in Conservation of Biodiversity of Great Himalayan National Park- A paradise waiting to be explored.

Honors and Awards

1. **Chaired a session in International Conference** at Govt. College Chamba in an International Conference on Climate Meet on 3-5th Oct. 2014.
2. **Chaired a session in National Conference** on Ethnobotany at Govt. College Nadaun H.P.
3. **Chaired a session in Micro-Economic Self Reliance** of H.P.-The Women Self-Help Groups, in a regional Seminar organized by Deptt. of Economics Govt. College Hamirpur H.P.
4. **Chaired a session in North Western Regional Seminar** on Academic Reforms in Higher Education in Himachal Pradesh: Rashtriya Uchhatar Shiksha Abhiyan (RUSA) on 14-15th march 2014 in NSCBM Govt. College Hamirpur.
5. **Awarded Fellow of Association for Plant Taxonomy by International Association for Plant Taxonomy.**
6. **Organized a talk on Oncology and Drug development with Dr. Rakesh Verma an Oncologist from U.K. as Main Speaker.**
7. **Ph.D. Thesis on Ethnobotany of Hamirpur District of Himachal Pradesh., India, shortlisted for National Award by Society of Ethnobotany of India.**
8. **Author of famous book Under Utilized Plant Resources of the Himalayas Published with Astral International Publisher New Delhi.**
9. Organized National Education Day Celebration by lectures/ talks of faculty/ students, posters, charts and Rally on the Day in the college.
10. Invited as Guest of Honour in G.C. Hamirpur in CSCA function 2015
11. Invited as Guest of Honour in G.C. Hamirpur in IQAC Seminar in Aug. 2016
12. Organized a talk on Personality Development in the college with one expert speaker on 14th March 2015 for the students of the college. Delivered a talk on the same.

13. Chaired a session in National Seminar on Environmental Conservation and Biodiversity.
14. **Became Principal in College Cadre, Joined as Principal Govt. College Sujanpur Tihra, Hamirpur (H.P.) on 3/7/2015.**
15. **Awarded International Travel Award by Society of Ethnobiology for Presenting the paper in University of Wisconsin Madison USA.**
16. **Remained Principal Govt. College Bhoranj Distt. Hamirpur HP. Since 29th August 2018-3rd August 2019.**
17. **Presently working as Principal Netaji Subhash Chandra Bose Memorial Govt. P.G. College Hamirpur HP since 4th August 2019.**
18. **Awarded Women Empowerment Award on 8th March 2021 by leading media group of Hamirpur.**
19. Presented paper in International Conference of Society of Ethnobiology in Virtual mode on 12th May 2021.
20. Chaired a session in 43rd Annual conference of society of Ethnobiology on 12th May 2021.

(Dr. Anju Batta Sehgal)
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