

Dr. MONIKA PANCHANI
Associate Professor in Zoology
V.G.C. Mandi



Qualification : M.Sc, B.Ed, Pre-Ph.D, Ph.D, SET & Departmental test qualified

Teaching experience: 23 yrs in college plus 4 years

Specialisation: Genetics

Field of study : Epidemiology of diseases, Biodiversity . Worked on morphological and behavioural traits of mentally retarded children and normal children and pedigree analysis of cancer patients.

Life membership: HSCA , BNHS

S.NO.	Title	Number
1.	Book published	8+5 chapters
2.	Papers published	26
3.	Papers presented in Conferences	31
4.	Orientation /Refreshers	04
5.	Workshops & Training	18

BOOKS PUBLISHED: 08+05 Chapters

S.No.	Title with page nos.	Type of Book & Authorship Publisher	& ISSN/ ISBN No.
1.	Book published on SEC For 6 th sem/ III rd yr . “Aquarium fish keeping”	Trueman publishers	81-87223-15-4
2.	Book published on SEC For 4 th sem / II nd yr “APICULTURE”.	Trueman publishers	81-87223-09
3.	Lab Manual BSc I st yr .Course-I (101) Animal Diversity	Akash publishers	93-87805-4
4.	Lab Manual BSc I st yr Course-II (102) Comparative Chordates & Developmental Biology .	Akash publishers	93-87805-83-2
5.	Lab Manual BSc II nd yr .Course-I (201) Animal Physiology & Biochemistry Lab Manual	Akash publishers	93-87805-84-0
6.	BScII nd yr.Course-II (202) Genetics & Evolution Lab Manual	Akash publishers	93-87805-83-3
7.	BScIII rd yr.Course-III (301) Applied Zoology .	Akash publishers	93-87805-7
8.	Lab Manual BScIII rd yr. Course-III (302) Immunology	Akash publishers	93-87805-5
9.	Microeconomic Impacts of COVID-19 Pandemic	First published in Bangladesh, by the KMF Publishers	978-984-35-1281-9

CHAPTERS PUBLISHED IN EDITED BOOKS: 05

S.No	Title with Page nos.	Book Title, editor & publisher	ISSN / ISBN No.
1.	“An Introduction to Immune system” Aug.2020, vol.-2 .pp109-112.	International book “Multidisciplinary subjects for research”. RedShine Publication Pvt. Ltd.	ISBN No.978-1-71663-026-2.
2.	“Know About Covid 19” May 2021.pp7-13.	“Multidisciplinary research area-3” Redshine publication pvt. Ltd.	ISBN No. 978-93-90937-97-4
3.	“Vaccines And Immunity in Corona Virus” June, 2021 (First Edition). PP 13-22.	International Book: COVID-19 & Pandemic (A Changing Pattern of India.) RedShine publication pvt. Ltd.	ISBN 978-93-90937-18-9 ISBN-A: 10.9390937183.
4.	“Microeconomic Impacts of COVID-19 Pandemic”.	First published in Bangladesh, by the KMF Publishers.	ISBN: 978-984-35-1281-9
5.	“Contribution of Sacred Groves in Biodiversity Conservation”. pp 85-93.	Environmental Issues: Biodiversity & Sustainability.	ISBN:978-93-93810-06-9

PAPERS PUBLISHED=26

1. Comparative study of Tongue Rolling trait and allelic frequency of the trait in MR children and Normal children (49-54) *Journal of Life sciences Voyager*, Vol. (Dec., 2010).
2. An introduction to Biology of Cancer (107-117) *Journal of Life sciences Voyager*, Vol.1(June,11).
3. Different categories of MR Children International *Journal of Pol. Philosophy*.(March,12) .
4. Comparative study of Morphological traits in MR children and Normal children in H.P. *International journal of Advanced Life sciences*. 2277-758. (Nov.2012).
5. Breast Cancer in Women and Risk factors. *Journal of Life sciences Voyager*, Vol. 111pp123-130. (Dec., 2012).
6. Distribution of diff. Categories of MR in Mentally Retarded children in age group of 6-18. *Journal of Life sciences Voyager*, Vol. 111.pp 77-84. (Dec., 2012).
7. Study of role of Heredity in Cancer in the population of H.P. *Journal of Life sciences Voyager*, Vol. (Dec., 2013).
8. Causes of Mental Retardation: Environmental or genetic. *IJSLE*.Vol.1(2)2321-1180. pp.57-63. (July,2013).
9. Chemicals as Carcinogens & Cancer. *Journal of Life sciences Voyager*, Vol-5 (Dec., 2014).
10. Role of Primary Healthcare in the Empowerment of Women and Concern about Health issues. *IJRSB*.Vol.2 (pp.21-) 2349-0357. (Dec., 2014).
11. Biodiversity Conservation and Role of Environmental Education in Schools and Colleges. *Journal of Life sciences Voyager*, Vol-5 (Dec., 2015). 0976-74361:8-25pp. (Dec., 2015).

12. Carcinogenic Effects of Common Chemicals on Health. *Journal of Life sciences Voyager*, Vol-5 (Dec., 2015). 0976-7436: 164-172pp. (Dec., 2015).
13. Rural People of H.P. and Role of Local Deities Assisting in Environmental Conservation. *Journal of Life sciences Voyager*, Vol-5 (June., 2016). 0976-7436: 1-8pp. (June, 2016).
14. Diversity of Birds in Suburban Habitat in Small Area of Mandi. H.P. *Journal of Life sciences Voyager* pp88-98. ISSN. 0976-7436. Impact Factor 3.8919.(Dec.,2016).
15. Role of Higher Education and Women Empowerment.RJPSS,Vol.42,No1.ISSN 0258—1701. Pp58-67.Impact Factor.3.9818.(March, 2017).
16. Contribution of Rural Women in Conservation of Agro Biodiversity in H.P. *Journal of Life sciences Voyager*, Dec.17 pp138-145. ISSN. 0976-7436. Impact Factor 3.8919. (Dec.,2017).
17. Importance of Value Education in Higher Education in *Journal RJPSS* Vol.XLIV.pp6-140258-1701(p) 2454-3403(e) with Impact factor 5.948(SJIF). (Dec.,2018).
18. Challenges of Biodiversity Conservation and Ecotourism. *Journal of Life sciences Voyager*, (Dec.,2018).
19. Published paper on “Need of Plastic Waste Management & Regulations” in *Journal of Life science. Voyager*, Vol. X 2019 (P) 0976-7436(E) 2455-054x. Impact Factor 5.837. (Dec., 2019).
20. Ornamental Fish Keeping as Cottage Industry In India published in *International Journal of Scientific Development and Research(IJSDR)* | Vol.5, Issue7. Peer reviewed Journal, ISSN: 2455-2631. (July, 2020).
21. Acanthocephala and Its Relationship with Helminthes and Rotifers: A Review published in *International Journal of Pure and Applied Zoology*. March, 2021; Volume 9, Issue 3, pp: 6-10, 2021. Peer reviewed Journal, ISSN (Print): 2320-9577 ISSN (Online): 2320-9585.(March, 2021).
22. Importance of Nutrients in Combating with Covid-19 published in *Asian Journal of Advances in Medical Science* 3(4): 32-39, 2021; Article no.AJOAIMS.892. Peer reviewed Journal, MB International.
23. Angiotensin Converting Enzyme 2 (Ace2) As Potential Therapeutics in Corona Virus Disease published in *Uttar Pradesh Journal of Zoology*, 42(18), 74-81. Peer reviewed Journal, NAAS score 4.21 h5-index: 2 and h5-median: 2.
24. Published paper on “Potential of Apiculture as Entrepreneurship for Youth in India” in *International Journal of Social Science & Management Studies* -, Vol. - 7, No. Peer Reviewed–Refereed Research Journal. Impact Factor - 5.2, Ex - UGC S.N. 5351 ISSN: 2454 - 4655 – (10 Nov., 2021).
25. Microeconomic Impacts of COVID-19 Pandemic .Conference Paper (June, 2022).
26. Contribution of Sacred Groves in Biodiversity Conservation .Conference Paper (Oct., 2022).

PAPERS PRESENTED IN CONFERENCES: 31

1. Presented paper on “Environment Pollution and Awareness in Mandi H.P” in National Conference on Environment and Biodiversity organized by EBI in Jamia Milia University Dehli. (Dec.,2011)
2. Paper on “Cancer Health hazard: Environmental or Genetic” in National Conference on Advances in Environmental Science organized by HSCA in Shoolini University Solan. (Aug.,2012).
3. Prevalence of “Breast Cancer in the population of H.P and Awareness about Future Perspective of Biotechnology” in National Conference on Nextgen Biotechnology Amalgamating Science and Technology organized by Department of Biotechnology & Engineering Kurukshetra University. (Nov.,2012).
4. Presented paper on “Study of Role of Heredity in Cancer in H.P” in **International Conference** on New Horizons in Pharma and Biomedical Science organized by Sheetal Lifescience and Environment Health Dehradun. (Jan.,2013).

5. Paper on "Role of Primary Healthcare in the Empowerment of Women and Concern about Health Issues" in **International Conference** on Women Empowerment, Transforming Lives And Challenges organised in St. Beds College(Aug., 2013).
6. Paper on "Chemicals as Carcinogens and Cancer" in National Conference organized by Sai Institute Palampur (Dec.,2013).
7. Presented paper on "Diagnostic and Therapeutic Use of Nanotechnology in Detection and Treatment of Cancer" in National Conference on Emerging Science & Future Challenges-II organized by HSC"A in HFRI . Shimla.(17-18 May, 2014).
8. Presented Paper on "Environmental Education in Schools and Colleges and Role in Biodiversity" in National Conference on Environment (NSEC) by UGC in Govt. College Hamirpur.(27-28 March,2015).
9. Presented Paper on "Gender Disparity in Susceptibility to Cancer" in National Conference on Emerging science & future challenges-III organized by HSCA in Government College Mandi (11-12 April, 2015).
10. Presented Paper on "Present Scenario and Future Perspective of Gold Nanoparticle in Breast Cancer" in National Conference on MNCITSTM organised by HSCA in Sri Sai University, Palampur.(19 June, 15).
11. Presented Paper on "Rural People of H.P. & Role of Local Deities Assisting in Environmental Conservation' in National Conference organised by UGC in Govt. College Bhoranj Hamirpur.(27-28March, 2015).
12. Presented Paper on "Traditional Knowledge and Awareness about Biodiversity Conservation" in People of H.P. Present Scenario in **International Conference** on Science Emerging & Future Challenges(SESFC)(11-12 June, 2016).
13. Paper on Women Empowerment and Role of Higher Education Present Scenario and Future Prospective in National Conference on Engaged Governance and Women Empowerment in India organised by G.D.C.Ghumarwin. (17-18 Dec., 2016).
14. Paper on Contribution of Rural Women in Biodiversity Conservation in H.P. & Gender Issues in National Conference on Women in Conflict Zone organised by S.V.G.D.College Ghumarwin. (11-12-March, 2017).
15. Paper on Ecotourism in Kullu Manali in National Conference on Science Emerging Scenario and Future Challenges (SESFC.2017) organised by HSCA in Atal Bihari Vajpayee Institute of Mountaineering Allied Services Manali (2017).
16. Paper on Challenges of Biodiversity Conservation and Ecotourism in H.P.in National Conference on Management of Natural Resources and Environmental Issues. (28-29 Dec.,2017).
17. Paper on "Plastic Waste and Use of Technology in National Conference on Natural Resources and Technology organised by department of Physics in G. P.G. College kullu.(Dec., 2018).
18. Paper on "Plastic Waste Menace And Need Of Plastic Waste Management" in **International Conference** on Natural Resources and Management in V.G.C. Mandi . (Aug., 2019).
19. Presented Paper on "Plastic Waste Menace and Need of Plastic Waste Management."in **International Conference** on Natural Resources & Management" in V.G.C. Mandi (Aug.,2019).
20. Paper on "Scope of Ornamental Fisheries as Cottage Industry in India" in National Conference on Skill Enhancement in Government College Ghumarwin. (7-8 Jan., 2020).
21. Paper presented on "Structure of Corona Virus & Role of (RAS) Renin Angiotensin System" in **International Conference** virtually on Progress of Science and Technology During Pandemic (PSTDP-2021) (11-12 September, 2021).

22. Paper presented on "Covid 19 Pandemic & Tourism In H.P" in **International Conference** on Microeconomic Impacts of COVID-19 Pandemic, organized by Center for Academic & Professional Career Development and Research (CAPCDR). (2-3 October, 2021).
23. Paper on "Introduction about Genomics & Metagenomics" in National Conference organized by Department of Zoology SVPC University Mandi (Oct., 2021).
24. Presented paper on "Covid 19 Waste and its Management" in National Conference (Oct., 2021).
25. Presented paper on "Scope of Skill Based Courses in Higher Education in New Education Policy" in National Conference on Reimagining and redefining higher education in light of National Education Policy organized by department of Education & Physics, PG College Nahan. (3-4 December, 2021).
26. Presented paper on "Sacred Grove in H.P. & Biodiversity" in National Conference on Biodiversity & Sustainable Development organized by department of Zoology, PG College Paonta. (28-29 December, 2021).
27. Paper on "Biodiversity Conservation and Sustainable Development Need of the Hour" in National Conference on Biodiversity & Sustainable Development organized by PG College Paonta H.P (28-29 December, 2021).
28. Paper on "Students Role In Awareness About Covid Plastic Waste" in National Conference organized by PG College Paonta H.P. (28-29 December, 2021).
29. Presented paper on "Post Covid Impact on Health of Youth" in **International Conference** organised by HSCA in Sardar Patel University, Mandi. (Oct., 2022).
30. Reviewed Academia article entitled as **High Beta Carotene Discovered in Kalanamak variety of Rice (*Oryza sativa* L.)**.
31. Reviewed Academia article entitled as **Pathways of Renal Involvement in Covid-19 infection**.
32. Reviewed entitled as **Pathways Of Renal Involvement In Covid -19 Infection** in International Journal of Pharmaceutical Research 22 Dec., 2021.

• **WORKSHOPS & TRAINING. =(18)**

1. International Conference on Nanotechnology in Chandigarh University 2012.
2. National Conference on Nanotechnology in IIT Mandi in 2013.
3. Teacher training programme of one week by College of Education Dharamshala in Nov. 2014.
4. Attended National Conference on Higher Education: Issues and Challenges organised by HGCTA on date 18-19 Sept, 2015.
5. National Conference on Higher Education by HGCTA in Peterhoff Shimla in year 2017.
6. National Workshop of a week on "Medicinal Plants and Gardening" in V.G.C. Mandi in August 2019.
7. Participated in International day for Biological Diversity National Conference 2021 organized by EcoR Foundation in Collaboration with SSV College, PG Department of History held on 23rd May, 2021.
8. National webinar on Genomics organised by department of Zoology, SP Cluster University Mandi
9. Participated in National Conference on "International day for Biological Diversity" organized by EcoR Foundation in Collaboration with SSV College, PG Department of History on 23rd May, 2021.
10. Participated in one day National Seminar on Ecological Restoration organized by Manav Rachna Centre for peace and sustainability on 17-7-2021.

11. National workshop on plagiarism, editing & proofreading organised by Research graduate Ph.D & Masters company on August, 2021.
12. Virtual workshop on circular economy solutions preventing marine litter in ecosystem on 21 Dec, 2021.
13. Attended 15 days RC in Advanced Research methodology organized by Ramanujan training centre University of Delhi on 22May- 5 June 2022.
14. Webinar on research proposal organised by research graduate in Sept., 2022.
15. Webinar on systematic review and meta analysis organised by research graduate Sept., 2022.
16. Webinar on metagenomics organized by learn to upgrade recognized by DBT2022.
17. Chaired the session in International Conferences on Natural Resources and Management in V.G.C. Mandi in Aug., 2019.
18. Chaired the session in International e-Conference on Microeconomic Impacts of COVID-19 Pandemic organized by Centre for Academic & Professional Career Development and Research (CAPCDR) in October 2-3, 2021.

PROGRAMMES ORGANISED IN THE COLLEGE(yr2019-2020,2020-2022).

1. Organised the workshop in National workshop cum training on DNA fingerprinting in collaboration with Wetlab championship & Shastra (IIT Madras) on 23-24 July 2019.
2. Organised the exposure visit to IIT BIO X labs in September 2019.
3. Organised awareness programme on Nutrition in Oct, 2019.
4. Organised the awareness programme on Gender sensitization in Nov,2019.
5. Organized Workshop on Time management for students & Role of Technology in Education for faculty in collaboration with LPU on 4-3-2020.
6. Department of Zoology organised one National Webinar on “Genomics and Metagenomis” in SPU in Oct, 2021.
7. Organised International webinar on “Rapid Sensing Devices for Healthcare Monitoring” in SPU on 30 Nov, 2021.
8. Department of Zoology organised one day visit to Nature for Biodiversity Conservation in Feb 2022.
9. Organised one day Educational tour to Fish Farm and Nature Park at Patlikuhl and Manalii on 7th November 2022.