

CURRICULUM VITAE



NAME: Dr. SANJAY KUMAR NARANG
SEX MALE
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DATE OF BIRTH 24th Jan, 1976
NATIONALITY Indian
BONAFIDE OF Himachal Pradesh
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ACADEMIC QUALIFICATIONS:

EXAM PASSED	YEAR	SCHOOL/COLLEGE	BOARD/UNIVERSITY	DIV.
10 th	1991	Govt Sr. Sec. School, Panarsa, Mandi, H.P.	H.P. Board	1 st
+2(Med.)	1994	Govt College, Sarkaghat, Mandi, H.P.	H.P. Board	2 nd
B.Sc.(Med.)	1997	Govt College, Sarkaghat, Mandi, H.P.	H.P.University	1 st
M.Sc.(Zoology)	1999	Deptt. of Biosciences	H.P.University	1 st
M. Phil (Zoology)	2000	Deptt. of Biosciences	H.P.University	1 st
Ph.D.(Zoology)	2010	Deptt. of Biosciences	H.P.University	

THESIS TITLE:

MPhil.

- ❖ Effects of Isoproterenol, A Beta- Adrenergic Agonist on Skeletal and Cardiac Muscles of Chick (*Gallus domesticus*).

PhD.

- ❖ Chronic oral administration of Beta-Adrenoceptor agonist fenoterol induced effects on skeletal and cardiac muscles of mice.

OTHER QUALIFICATIONS:

- ❖ UGC-NET Qualified (5 times) + CSIR(JRF-NET) Qualified 2 times.

PUBLICATIONS:

- ❖ Research papers Published: –

1. S. Kumar, S. Sharma and S.S. Katoch. (2003). Early onset of maximum protein anabolic effect induced by isoproterenol in chick skeletal and cardiac muscle. *Acta Physiologica Hungarica*. Vol. 90 (1).pp.57-67.
2. M.L.Thakur and S.K.Narang.(2012). Population status and habitat – use pattern of Indian White-backed Vulture (*Gyps bengalensis*) in Himachal Pradesh, India. *Journal of Ecology and the natural Environment*. Vol. 4 (7). pp.173-180.

3. **Sanjay Kumar Narang**, Sushma Sharma, Kiran Chauhan and M.L. Thakur. (2012). Reversal of histopathological changes in soleus muscle of denervated mice by fenoterol hydrobromide. *International Journal of Advanced Biological Research*, VOL. 2(4): 624-631.
4. **Sanjay Kumar Narang** and Sushma Sharma. (2012). Amelioration of stress induced damage in mice gastrocnemius by fenoterol hydrobromide. *Global Journal of Biosciences and biotechnology*, VOL.1 (2): 301-309.
5. **Sanjay Kumar Narang**, Kiran Chauhan and M.L. Thakur. (2021) Population decline of vultures in the Indian subcontinent associated with some social aspects. *European Journal of Biomedical Pharmaceutical sciences*, Vol. 8(7):243-248.
6. **Sanjay Kumar Narang**, M. L. Thakur and Kiran Chauhan. (2021). compromised immunity and mucormycosis cases in Himachal Pradesh during covid pandemic: a review. *World Journal of Pharmacy and Pharmaceutical Sciences*, Vol.10(7): 2262-2268.
7. **Sanjay Kumar Narang** and Kiran Chauhan. (2021) Covid-19 during first and second wave in India: an analysis *European Journal of Pharmaceutical and Medical Research*. Vol.8(6), 664-668.
8. **Sanjay Kumar Narang** and Kiran Chauhan. (2021) Beta-Adrenergic Agonist As Principal Bronchodilator Agent: A Review. *European Journal of Biomedical and Pharmaceutical Sciences*, Vol.8(8): 229-232.
9. Kiran Chauhan and **Sanjay Kumar Narang** (2021).To Assess The Curative Potential Of *Ocimum* And *Phyllanthus* Against Chemical Clastogens. *World Journal of Pharmacy and Pharmaceutical Sciences*, Vol.10(8), 2135-2143.
- 10 **Sanjay Kumar Narang** and Kiran Chauhan. (2021) Remodeling of Cardiomyocyte in Chronic Isoproterenol Dose Administered Murine Model. *European Journal of Biomedical and Pharmaceutical Sciences*. Vol.8(9): 801-805.
- 11 Kiran Chauhan and **Sanjay Kumar Narang** (2021). Genoprotective Potential of *Allium Sativum* Against Chemical Clastogens. *European Journal of Pharmaceutical and Medical Research*. Vol.8(9): 857-861.
- 12 Kiran Chauhan and **Sanjay Kumar Narang** (2021). Protective Potential of *Curcuma longa* Against Genotoxicity of Chemical Clastogens. *World Journal of Pharmacy and Pharmaceutical Sciences*,

Communicated: Status and Phylogeny of Threatened Wildlife Species found in Himachal Pradesh, India

Chapter in Books:

1. **Sanjay Kumar Narang, Kiran Chauhan and M.L. Thakur**. IMPORTANT ASPECTS ASSOCIATED WITH CATASTROPHIC DECLINE OF VULTURE IN THE INDIAN SUBCONTINENT. Chapter-XIV) Pages211-225. **SOCIO-ECOLOGICAL AND ADAPTATION CHALLENGES TO CLIMATE CHANGE MITIGATION** ISBN-13:978-1523648184 ISBN-10:152364818X (create space an amazon company USA).
2. Younis Ahmad Hajam, Rajesh Kumar and **Sanjay Kumar Narang**. nCOVID-19: Symptoms, Transmission, Possible Treatments and Its Relation With Other Chronic Diseases. pp 272-291, Publisher Career Point University, Hamirpur. ISSN:978-93-5407-406-6.
3. Rajesh Kumar, Raksha Rani, **Sanjay Kumar Narang**, Seema Rai, and Younis Ahmad Hajam. Hepatotoxicity: Its physiological pathways and control measures using phyto- polyphenols. **Phytomedicine A Treasure of Pharmacologically Active Products from Plants**. Academic Press. ELSEVIR pp.621-653.

Paper Presented in National Conferences:

1. Presented paper entitled “Catastrophic decline of vultures in the Indian subcontinent: some social perspectives” in National Seminar on Contemporary Challenges in Social Sciences at Rajiv Gandhi Govt. College Shimla-4 H.P. on **2-3 march, 2012**.
2. Presented paper entitled: “Diversity and Distribution of the Chiropteran Fauna of Himachal Pradesh, North-West India” in National Conference on Environment and Biodiversity of India at Delhi university campus on **29-30 dec.2012**.
3. Presented paper in National Conference on “Advances in Basic & Applied Sciences”(ABAS- 2014) organized by School of Basic & Applied Sciences, Career Point University Hamirpur (H.P.) on **May 10, 2014**.
4. Presented poster (LS-P-41) in 2nd annual Conference on Science: Emerging Scenario & Future Challenges Entitled: “Cheer Pheasant(*Catreus wallichii*) status, Habitat use and threats in and around Dulchi Pass” on **17-18 May,2014** organized by Him Science Congress Association Himachal Pradesh.
5. Presented poster **LS/P/06**(Morphological and biochemical characterization of arsenic and cadmium resistance bacterial isolates) and **LS/P/07** (Habitat use pattern and impacts of overgrazing in Khokhan and Nargu wildlife sanctuaries, Himachal Pradesh, India) in **3rd National Conference on Science: Emerging scenario & future Challenges-III (11-12 April,2015)** Organized by Him Science Congress association (Himachal Pradesh).
6. Presented paper in Two-Day National Conference on ‘Higher Education:Issues and Challenges’ entitled: “**Higher Education: Paradigm shift to Choice Base Credit System (CBCS) and Challenges**”. organized by Himachal Pradesh College Teacher Association (HGCTA) ON **18-19 Sept.2015** at Hotel Peterhoff, Shimla H.P.
7. Presented paper in National Conference on Issues and Challenges in The Contemporary World-2015 entitled: “**Climate Change Impact and Vulnerability on Biodiversity in the Indian Western Himalayan Region**” organized by IEC University in Collaboration with Science and Management Society Himachal Pradesh.
8. Presented paper in National Seminar on VISION-2030, strategies for Industries& Academia Entitled: “**Stem Cell as Future Regenerative Medicine**” organized by Government College Bilaspur and Himachal Pradesh Commerce & management Association (HPCMA) on Dated:27-28 Nov.2016.
9. Presented paper in National Conference on current Issues and Challenges in Contemporary World Entitled: “**Biodiversity and climate change its effects and mitigation in Western Himalayas: A review**” organized by RGGC Shimla,PGC Seema.GDC Nerwa and Science and Management Society Himachal Pradesh on Dated.9-10 Dec.2016.
10. Presented Paper in National Conference on Environment and Natural Resource Management (NCENRM-2017) Entitled: “**Indigenous Knowledge, Woman and Biodiversity conservation**” on **dated:23-24 Feb.2017**.
11. Presented Paper in National Seminar on Challenges of Present-day Teaching in Higher Education Entitled: Higher Education Key Tool Towards the Development of Nation: Challenges and Opportunities on **28th March 2018**, Organized by Government College Jukhala Distt. Bilaspur H.P.
12. Presented paper in National Seminar on Science as tool for skill Enhancement among entrepreneurs-2020, entitled: “**Impact of climate change on fishery in Himalayan Ecosystem:A review**” on **Dated:07-08 February,2020**, Organized by Swami Vivekanand Govt. College, Ghumarwin, Bislapur, H.P.
13. Presented paper in National Seminar on Science as tool for skill Enhancement among entrepreneurs-2020, entitled: “**Why mammals as Test Organisms for Studying Genetic Toxicology**” on **Dated:07-08 February,2020**, Organized by Swami Vivekanand Govt. College, Ghumarwin, Bislapur, H.P.

Paper Presented in State level Conferences:

14. Presented paper in one day state level seminar on **Environmental Issues in India-Challenges Ahead organized by Department of Zoology and Botany Govt. College Bhoranj, H.P. Entitled:** Toxic effects induced by benzene exposure in germinal cells of male rat (*Rattus rattus*) and also acted as co-chairperson of technical session on dated:07 May 2015.

Paper Presented in International Conferences:

15. Presented Paper in **International Conference Chama Climate Meet 2014** Entitled: Breeding status of Oriental White-backed Vulture (*Gyps bengalensis*) in Himachal Pradesh **on October 3-5, 2014.** Organized by Chamba Climate Meet 2014, Government College Chamba, H.P.
16. Paper Presented in **International Conference on "Science:Emerging Scenario and Future Challenges (SESFC 2017)"** Entitled: **"Therapeutic Potential and Implication of Beta-adrenoceptor agonist administration in Mouse Model."** Held on **01-02 July 2017** at Atal Bihari Vajpayee Institute of Mountaineering and allied sports, Manali Organized by **Him Science Congress Association.**
17. Paper Presented in **International Conference on "Science:Emerging Scenario and Future Challenges (SESFC 2018)"** Entitled: **"Cardiomyocyte Remodeling In Chronic Fenoterol Dose Administered Murine Model."** held on **08-09 Sept.2018** at National Institute of Technology, Hamirpur, Himachal Pradesh Organized by **Him Science Congress Association.**
18. Presented paper in International Virtual Conference on "Covid-19 and infectious diseases in relation to public health: Perspectives and Challenges" Entitled: Covid-19 A Zoonotic Disease and Threat to mankind: A review **on dated: 31 May 2020,** Organized by Career Point University, Himachal Pradesh.
19. Presented paper in International Conference on "Biological sciences vis-à-vis sustainable development and Environment Conservation" Entitled: Mitigation of Climate Change Impact on Biodiversity In Western Himalayas: - A Review **on dated: 03-04-July 2020,** Organized by Career Point University, Himachal Pradesh.
20. Presented paper in the **International e-Conference on Progress of Science and Technology During Pandemic (PSTDP-2021)** Entitled: **"Pathophysiology of Beta-Agonist as Bronchodilator Agent in Treatment of Asthmatic Conditions** on September 11 - 12, 2021 organized by **Him Science Congress Association.**

Invited Talk

Delivered invited Talk on "Career and Higher Education Prospects in Biosciences" Organized by IQAC, and Department Of Zoology and Botany, Government College Bilaspur, H.P. on dated:29 July 2021.

Faculty Development Programme/Workshops/ Refresher Courses:

1. Successfully completed **4 -week UGC- Sponsored Orientation Programme (OP.88.2008) Held from 09.06.2008 to 05.07.2008 with "A" Grade** at Human Resource Development Centre Himachal Pradesh University Shimla-5.
2. Successfully completed **3 -week UGC- Sponsored Refresher Course on Life Sciences held from 03.09.2018 to 22.09.2018 with "A" Grade** at Human Resource Development Centre Himachal Pradesh University Shimla-5.
3. Successfully completed **3 -week UGC- Sponsored Refresher Course in Bio-Sciences held from 10.11.2010 to 30.11.2010 with "A" Grade** at Human Resource Development Centre Himachal Pradesh University Shimla-5
4. Completed the online course on "Application of Geoinformatics in Ecological Studies". The course was conducted by Indian Institute of Remote Sensing (IIRS), during 13-07-2020 to 24-07-2020.
5. Attended **Workshop on Training of Trainers Programme on climate change adaptation planning and implementation Himachal Pradesh from 24th Nov.2014 to 29th Nov.2014** at SunderNagar Organized by Himachal Pradesh State Council for Science, Technology and Environment.
6. Attended **Workshop on Free and Open Source Software from 25th to 27th July 2019 Organized by MLSM College Sundernagar in collaboration with Spoken Tutorial Project, IIT Bombay.**
7. Coordinated **Workshop on Social surfing 3.0 at Govt. College Bilaspur on 29th August 2017.**
8. Attended **International Faculty and Researcher Development Program (IFRDP2020)** held on 31st May 2020. Organized by ACE International Pte Ltd., Singapore.

Conferences Organized:

1. Organized 3rd Annual National Conference on Science: Emerging Scenario& Future Challenges-III(SESFC-2015) **Him Science Congress association (Himachal Pradesh at Vallabh Government College Mandi, H.P.**
2. Organized National Seminar on Science as a tool for skill enhancement among entrepreneurs-2020 on 7 -8 February,2020 at Swami Vivekanand Govt. College Ghumarwin, H.P.
3. Organized National Webinar on **""System Analysis of Microbial Genome from Simple to Complex"" Department of Zoology Sardar Vallabh Bhai Patel Cluster University, Mandi, H.P. On 11 August 2021.**

SEMINARS/CONFERENCES ATTENDED:

1. Participated in Bhuvan ISRO,s Geoportal at H.P.University Shimla-5 on 30 March 2012.
2. Participated in the worksop on "Importance of Volunteerism in Disaster risk Reduction"at Institute of Integrated Himalayan Studies H.P.University Shimla-5 on 13th Oct 2012.
3. Participated in Seminar on Consumer Protection and empowerment Organized by GCTE Dharmshala and Centre for Consumer Studies, Indian Institute of Public Administration, New Delhi o dated: 13-14 July 2015.

4. Participated in International Virtual Conference on “Emerging Infectious and Zoonotic Diseases) IVCEIZD 2020 on May 17-18, 2020.
5. Participated in “workshop FDP-Webinar on Experience the cutting edge Elsevier tool To Pivot your research” Organized by Department of Biotechnology, Karunya Institute of Technology and Sciences in Collaboration with Elsevier on 18th June 2020.
6. Participated in One Day National Level Faculty Development Programme on Social Entrepreneurship ORGANIZED BY Department of Management study in association with EdFly on 28th May 2020.
7. Attended the webinar on “Development of viral vaccine and other Preventive Measure in Pandemic Organized by Department of Microbiology and Biotechnology University school of Sciences, Gujarat University, Ahmedabad. On May17,2020.
8. Participated in National Webinar on Molecular Taxonomy and DNA Barcoding: Concepts, Methods and Applications on 20th May 2020 Organized by Natinal College and S.W.A. Science Mumbai.
9. participated in International Webinar on “Art of writing of writing Research / articles for Publishing in Peer Reviewed Journals” organized by the Internal Quality Assurance Cell (IQAC), MES College Erumely on 25 May 2020.
10. Participated in National Webinar on “significance of Nutraceuticals in Prevention and treatment of Corona virus Infections “on 16th May 2020 Organized by Department of zoology Career Point university, Himachal Pradesh.
11. Participated in National Webinar on “Honey: Natural Immunity Booster to combat Infectious Diseases & Beekeeping Economics.
12. Participated in International Webinar on “Insights on Covid-19:Immunopathology and Diagnosis “on 28th May, 2020 organized by Department of Biotechnology in association with Board of Industry- Academia Partnerships.

TEACHING EXPERIENCE:

- ❖ Teaching experience of 15 **years** as assistant professor/Associate Professor in zoology on regular basis in Department of Higher Education H.P. from 23.06.2006 to till date.
- ❖ Teaching experience on lecture basis for two sessions (2001-02 and 2002-03) in Govt. College Rampur BSR.H.P.

LANGUAGES KNOWN: English, Hindi, Sanskrit and Pahari language.

Date: 06/09/2021

Place: Mandi



(Dr. Sanjay Kumar Narang)