

Detail of Profile

Name and Designation :- DR. HEMA BHASIN

Father's/ Husband's name :- MR. DEEPAK GERA

Date of Birth :- 07-04-1968

Permanent Address :- 837, FRONTIER COLONY,
ADARSH NAGAR, JAIPUR-302004 (RAJASTHAN)

Educational Qualification :- M.Sc. , PhD.

Teaching Experience:

UG :- 23 yrs.

PG:- 5 yrs.

**Professional Degree/Ref. Orientation Courses/Training
Programmers/Conferences/Webinars :-**

PAPERS

1. Rodent control operation in fields using acute and chronic rodenticide: a comparative study. The Indian Zoologist. Vol 14 issue 1 & 2, page 85-87, 1990.
2. A population fluctuation study of rodents in different vegetables at different stages of growth. The Indian Zoologist, Vol 15 issue 1 & 2 page 153-155, 1991.

3. Agility of Novel second generation anticoagulants against field rodents. National Academy Science Letter. Vol 14, issue 12, page 483-485, 1991.
4. Laboratory evaluation of flocoumafen (WL-108366) against *Meriones hurrianae*. National Academy Science Letter. Vol 15, issue 3, page 95-92, 1992.
5. Dynamics of Burrow Intensity of Rodents in Rabi Crops. Journal of Ecotoxicology Environ. Monit. Vol 2 issue 1 page 75-77, 1992. ISSN: 0971-0965-0002-75.
6. Hoarding Behaviour of Rodents in different Crops of Jaipur Region. Journal of Ecotoxicology Environ. Monit. Vol 2 issue 2 page 149-150, 1992. ISSN: 0971-0965-0002-92-149.

SEMINARS

1. Faculty Development Program held during 26 Feb, 2003 to 08 March, 2003 organized by EMI, Jaipur.
2. National Conference on Environmental Pollution: A Scientific Approach held during 21-

23 Decemvber, 2006 organized by SS Jain
Subodh PG College, Jaipur.

3. INTERNATIONAL CONFERENCE on Veda-
Vedanga held during 09-11 February, 2007
organized by Gurukul Kangri Vishwavidhyalaya,
Haridwar.

4. National Seminar on Chemical Aspects of
Environmental Challenges and their
Management held during 27-28 February,
20007 organized by Agrawal PG College, Jaipur.

5. National Conference on Frontiers of
Biosciences-2008 held during 10-11 January,
2008 organized by Gyan Vihar University,
Jaipur.

6. National Seminar on Review of Zoology
Syllabi: Retrospective and Prospective Analysis
held during 1-2 February, 2008 organized by
University Zoology Department, University of
Rajasthan, Jaipur.

7. State Level Workshop on Climate Change
and Emerging Issues held during 16 September,
2009 organized by Centre for Community
Economics and Development Consultants
Society, Jaipur.

8. National Conference on Recent Trends in Environmental Toxicology and Biotechnological Approach to Conserve Environment held during 30-31 January, 2009 organized by International College for Girls, Jaipur.

9. National Seminar on Frontiers of Biosciences held during 19-20 January, 2010 organized by Gyan Vihar University, Jaipur.

10. National Seminar on Role of Toxicants in Environmental Pollution: Cause, Effects and Control held during 3-4 February, 2010 organized by Vedic Kanya PG College, Jaipur.

11. National Seminar on Noise Pollution held during 6-7 March, 2010 organized by VIT Campus, Jaipur.

12. National Conference on tSu /keZ% uohu 'kks/k] IEHkkouk,i rFkk orZeku ifjis{; esa fo'o 'kkfUr esa ;ksxnku sponsored by UGC held during 19-20 October, 2012 organized by SS Jain Subodh PG College, Jaipur.

13. National Workshop on Empowerment of Indian Women in 21st Century: Dynamics and Dimensions held on 30 October, 2012 organized by Vedic Kanya PG College, Jaipur.

14. Presented paper entitled Ecotourism: Striking the Right Balance National Conference on Environmental Conservation and Management for Sustainable Era sponsored by UGC, DST and BRNS held on 20-22 December, 2012 organized by SS Jain Subodh PG College, Jaipur.

15. National Seminar on Interpreting Feminism vis a vis Activism held on 23-25 January, 2013 organized by Kanoria PG Mahila Mahavidyalaya, Jaipur.

16. National Conference on Environmental Issues, Toxicology & Exposure Science sponsored by UGC, Bhopal held during 20-21 September, 2013 organized by Department of Zoology, Agarwal PG College, Jaipur.

17. National Conference on Film and Theory held on 26-28 September, 2013 organized by SS Jain Subodh PG College, Jaipur.

18. National Conference on Environmental Terrorism: A challenge for New Millennium held on 25-26 October, 2013 organized by St. Wilfred's PG College, Jaipur.

19. National Seminar on Environmental Impact Assessment: Issues, Significance and Challenges held on 6-7 December, 2013 organized by Kanoria PG Mahila Mahavidhyalaya, Jaipur.

20. National Seminar on ehfM;k% lekt vkSj cktkj sponsored by ICSSR held on 29-30 January, 2014 organized by BBD Government PG College, Chimanpura, Jaipur.

21. National Seminar on Ecological Sustainable Development ad Limitations of Growth: Future Prospects and Challenges held on 22-23 April, 2014 organized by BBD Government PG College, Chimanpura, Jaipur.

22. National Conference on Environmental Challenges, Human Health and Society held on 8-10 September, 2016 organized by University Maharaja's College, Jaipur.

23. National Conference on Rural Development: Issues, Challenges, Livelihood & Sustainability held on 06-08 October, 2016 organized by SRLS Govt PG College, Kaladera.

24. National Conference on Ground Water Quality, Water Conservation, Management and Technology held on 20-21 January, 2017

organized by RR (PG) Autonomous College, Alwar.

25. National Conference: मानव अधिकारों की वैश्विक अवधारणा :- चुनौतियाँ एवं सम्भावनाएँ held on 24-25 January, 2017 organized by Late Rajesh Pilot Government College, Bandikui

26. National Seminar on “EXCELLENCE IN HIGHER EDUCATION” THE ROAD AHEAD , held on 26-27September, 2017 organized by S.P.N.K.S.Govt. PG College, Dausa and Govt. Arts College, Dausa.

27. INTERNATIONAL CONFERENCE on Commerce, Management, Social Science and Science held on 20-21 November, 2017 organized by Lal Bahadur Shastri College, Jaipur. (Paper Presentation: COMPUTER BASED ANALYSIS OF BIOCHEMICAL PARAMETERS OF THE MALE WORKING IN MINES)

28. National Seminar on Innovative Approaches in Biosciences held on 15-16 December, 2017 organized by Kanoria PG Mahila Mahavidyalaya, Jaipur in collaboration with INDIAN SCIENCE CONGRESS ASSOCIATION (ISCA), Jaipur Chapter.

29. National Conference on Human Rights are Women's Rights: Women's Rights are Human Rights (NCHRWR-2019) held on 27-28 September, 2019 organized by CARD Mumbai and Govt. College, Jaipur. (Paper Presentation: GENDER EQUALITY IN EDUCATION.)

30. INTERNATIONAL CONFERENCE on Emerging Challenges, Their solutions And Recent Advances In Science held on 04-05 October, 2019 organized by Government Science College, Sikar. (Paper Presentation: SUSTAINABLE ECONOMIC GROWTH)

31. 4th National Conference on Indian Economy, Green Management, Artificial Intelligence, Gender Inequality & Social Networking : Emerging Trends & Technological issues, held on 18-19 October, 2019 organized by Inspira Research Association (IRA) & LBS PG College, Jaipur. (Paper Presentation: Gender Inequality)

32. National Conference on CLIMATE CHANGE: THE IMPACT ON BIODIVERSITY AND GLOBAL HEALTH SECURITY held on 20-22 December, 2019 organized by Department of Botany, University of Rajasthan, Jaipur & International

Forum for Botanists, under the Auspices of INTERNATIONAL SOCIETY FOR LIFE SCIENCES & THE INDIAN SCIENCE CONGRESS ASSOCIATION, JAIPUR CHAPTER. (Paper : Influence of Climate Change on Biodiversity)

33. Online NATIONAL CONFERENCE on IMPACT OF CLIMATE CHANGE ON SOCIO-ECONOMIC AND BIOLOGICAL ASPECTS OF LIFE (ICCSEBA) held on 23-24 April, 2021, organized by SETH R L SAHARIA GOVERNMENT COLLEGE, KALADERA, JAIPUR, RAJASTHAN.

WEBINARS

1. Participated in ORGANIZING COMMITTEE in One day WEBINAR entitled “ADHUNIK BHARAT KE NIRMATA AUR PANCHSHEEL SIDDHANT” held on eve of Children’s day (13-11-2020) , organized by BBD GOVT. COLLEGE, CHIMANPURA

ORIENTATION AND REFRESHER COURSES

1. Orientation course: From 01.07.2002 to 27.07.2002 organized at Academic Staff College, University of Rajasthan, Jaipur.
2. Refresher course: From 19.12.2005 to 07.01.2006 organized at Academic Staff College, University of Rajasthan, Jaipur.
3. Refresher course: From 02.08.2010 to 21.08.2010 organized at Academic Staff College, University of Rajasthan, Jaipur.

TRAINING PROGRAMMES

1. GYAN GANGA: State Level Specific Short Term Online Training Programme – “INITIATIVES FOR TEACHING-LEARNING EXCELLENCE IN ZOOLOGY”, Jointly organized by COMMISSIONERATE OF COLLEGE EDUCATION, RAJASTHAN and DEPARTMENT OF ZOOLOGY, GOVT. DUNGAR COLLEGE, BIKANER held on 25-31 January, 2021.

PARTICIPATION as Member of ORGANIZING COMMITTEES in CONFERENCES

1. Local organizing committee member in National Conference on ENVIRONMENTAL TERRORISM: A CHALLENGE FOR THE NEW MILLENIUM ,held on 25-26 Octobber,2013, Sponsored by DEPARTMENT OF SCIENCE AND TECHNOLOGY, organized by St. Wilfred's PG College, Jaipur

2. National Conference in JAIRANGAM THEATRE FESTIVAL on THEATRE: SOCIAL & COMMERCIAL ASPECTS, organized by 3M dot bands, supported by DEPARTMENT OF ART & CULTURE, GOVT. OF RAJASTHAN, held on 9-10 October,2015

3. Participated in ORGANIZING COMMITTEE in One day WEBINAR entitled "ADHUNIK BHARAT KE NIRMATA AUR PANCHSHEEL SIDDHANT" held on eve of Children's day (13-11-2020) , organized by BBD GOVT. COLLEGE, CHIMANPURA

Membership of Academic Bodies :- NIL

Innovative Skills :-

(1.) Lesson Planning :

1. For the planning of a class, I emphasize on Identification the learning objectives, Planning the specific learning activities and to assess student understanding so as to sequence the lesson in an engaging and meaningful manner.
2. During the class I share my lesson plan by writing a brief agenda on the whiteboard or telling students explicitly what they will be learning and doing in class
3. After the class a brief summary of class helps the students to revise the lesson plan

(2.) Problem Solving skill/Interaction with students and Parents : Regular Assessments (e.g., tests, papers, problem sets, performances) provide opportunities for students to demonstrate and

practice the knowledge and skills articulated in the learning objectives, and to offer targeted feedback from parents and students as well, that can guide further learning.

(3.) Time Management: Effective use of time with efficient classroom organization and management

(4.) Quality Teaching Skill/ Teaching methods : Quality teaching includes Modeling, Cooperative Learning, Experiential Learning, Class Discussion, Providing Feedback and Enquiry-Guided Instruction. Teaching methods includes use of white or blackboard, charts, models, assessment papers, projects etc.

Publication Research/ Books :- PRACTICAL ZOOLOGY, B.Sc. Part III (ISBN: 81-8142-187-6), 2018-2019

Organizing Capacity / skill :- (detail of organized Programme)

- 1. Local organizing committee member in National Conference on ENVIRONMENTAL TERRORISM: A CHALLENGE FOR THE NEW MILLENIUM ,held on 25-26 Octobber,2013, Sponsored by DEPARTMENT OF SCIENCE AND**

TECHNOLOGY, organized by St. Wilfred's PG College, Jaipur

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Language Proficiency :- HINDI & ENGLISH

Awards :- NIL

Professional Ethics :- Work on problem-solving and decision-making of students, regularly provide them exercises for skills application with self-assessments to chart their understanding of each Subject. Topics like Health, human potential, empowerment, growth and excellence, All-win attitudes are covered up to improve their Effectiveness, Efficiency, Accountability and capability of achieving the maximum of desired results.

Objectives:- Develop and promote creativity and high-order thinking skills that increase the performance of the students. Ability to facilitate an interactive learning environment with an integral focus on every topic provided in syllabus and practical training as well.

Social Work /Growth :- Associated with NGO's working in the field of Art and culture.

Name :- DR, HEMA BHASIN

Mob No :- 9461275553