



Dr. Devendra Singh Porte

Centre/School/Special Centre: School of Interdisciplinary Education and Research

Department: Department of Rural Technology and Social Development

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Qualifications:

- Ph. D. Zoology, Pt. Ravishankar Shukla University, Raipur (C.G.) India
- M.Sc. Zoology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) India
- M.Sc. Rural Technology, Guru Ghasidas University, Bilaspur (C.G.) India
- B.Sc. Zoology, Botany, Chemistry, Guru Ghasidas University, Bilaspur (C.G.) India

Area of Interest/Specialization: Chronobiology, Field-Ornithology, Animal Behaviour, Immunology, Endocrinology, Toxicology, Entomology, Soil Science. Biodiversity and Wildlife.

Experience:

- (November 2019- Present): Assistant Professor at Department of Rural Technology & Social Development, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.), India.
- (March 2013- October 2019): Lecturer (Biology) at Govt. Veer Shahid Dhananjay, Higher Secondary School, Pandarbhatta, Mungeli (C.G.), India.
- (July 2011- June 2012): Guest Faculty Lecturer in Zoology at Govt. Gajanand Agrawal P.G. College, Bhatapara (C.G), India.
- (October 2008- April 2009): Junior Executive at Chhattisgarh Minor Forest Produce Federation (CGMFPFed), Forest Department, Raipur (C.G), India.
- Teaching Experience: 9 years (6 years at Govt. Higher Secondary School, 1 year at State Govt. College and 2 years at GGV, Bilaspur),. Research: 10 years.

Awards and Honors:

- Research Excellence Award-2020 from Institute of Scholar (InSc), Bengaluru-560091, Karnataka, India.
- Young Researcher Award-2020 from Institute of Scholar (InSc), Bengaluru-560091, Karnataka, India.
- Best paper presentation award entitled 'Diversity of wetland birds at Ratanpur town, District-Bilaspur, Chhattisgarh, India.' on International Colloquium organized by National Cave Research and Protection Organization, India held on 7th to 10th June 2018.
- Best paper presentation award entitled 'Assessment of distribution patterns of wetland birds between unpolluted and polluted ponds at Ratanpur, District Bilaspur, Chhattisgarh, India' on

in Interdisciplinary National Seminar organized by Dept. of Zoology, Govt. Dr. W.W. Patankar Girl's P.G. College, Durg (C.G.) held on 3rd to 4th February 2017.

- Certificate in Guidance from Indira Gandhi National Open University, New Delhi, India on 1st October 2016.
- Best paper presentation award entitled 'Baseline aspects concerning the site selection patterns of *Apis dorsata* (Hymenoptera: Apidae)' on First Indian Biodiversity Congress (IBC), Thiruvananthapuram, Kerala held on 28th to 30th December 2010.
- Gold Medal for M.Sc. Rural Technology from Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) on 18th December 2010.

Research Projects: NA

International Collaboration/Consultancy: NA

Best Peer Reviewed Publication (up-to 10):

- Nisreen Husain, Touseef Hussain Trak, **Devendra Singh Porte** (2022). Some of the ethnic tribes of Jammu and Kashmir, and their ethno-medicinal preferences- A review. *International Journal of Botany Studies*, Volume 7, Issue 1, 2022, Page No. 258-263.
- **Devendra Singh Porte**, Seema Gupta and Shrutika Kankariya (2018). Temporal pattern in foraging behaviour of the Indian Pond Heron, *Ardeola grayii* at Ratanpur, Chhattisgarh, India. *Biological Rhythm Research*, Article DIO: 10.1080/09291016.2018.1424768.
- **Devendra Singh Porte** and Seema Gupta (2018). Status and diversity of wetland birds at ancient township Ratanpur of Chhattisgarh, India. *Ambient science*, 5(2):1-6.
- **Devendra Singh Porte** and Seema Gupta (2017). Assessment of distribution patterns of wetland birds between unpolluted and polluted ponds at Ratanpur, District Bilaspur, Chhattisgarh, India. *Indian Journal of Scientific Research*, 12 (2): 204-215.
- **Devendra Singh Porte** and Seema Gupta (2017). Nesting behaviour of Cattle egret at Ratanpur, District Bilaspur, Chhattisgarh, India. *Indian Journal of Applied & Pure Biology*, 32(1): 31-42.
- **Devendra Singh Porte** and Seema Gupta (2016). Feeding Guild Structure of Wetland Birds of Ratanpur, Chhattisgarh, India. *Current Ornithology*, 44(3): 47-30.
- **Devendra Singh Porte** and Anmol Singh (2014). Breeding of Bronze winged Jacana, *Metopidius indicus* at Kabirdham, Chhattisgarh, India. *Biological Conservation*. 41 (2): 122-128.
- **Devendra Singh Porte** and Anmol Singh (2013). Acute toxicity of few pesticides to the mosquito fish, *Gambusia affinis*. *Asian Journal of Environmental Toxicology* (3): 43-48.
- **Devendra Singh Porte** and Seema Gupta (2013). A preliminary investigation of avian biodiversity with special reference to the Asian Openbill (*Anastomus oscitans*) at Ratanpur, Chhattisgarh, India. *Asian Journal of Chemical and Environmental Research*, 6(3-4): 26-33.
- **Devendra Singh Porte** and Seema Gupta (2012). Avian fauna of Govt. Nagarjuna P.G.

College of Science Campus, Raipur (C.G.). *Journal of Ecobiotechnology*, 4(2): 226-227.

Recent Books/Book Chapters/Monographs etc.: NA

Research Supervision:

Ph.D.: 1 Ongoing

M.Sc. Dissertation: 04 (Completed); 03 (Ongoing).

Administrative Responsibilities:

- Member of the committee for Arctic and Polar Studies Affairs-2022.
- Member of the committee for organizing poster competition for celebration of National Science Day – 2022.
- Appointed as Ph.D. Entrance Exam Question Paper Setter for Zoology by Bharti University, Durg-2022.
- Member of the committee for Chhattisgarhi and Gujarati Recipe Contest under ‘Ek Bharat Shrestha Bharat, GGV-2022.
- Member of Compassionate Appointment Committee-2021.
- Member of Local Selection Committee in the interview of Assistant Professor (Ad-hoc) for subject –English-2021.
- Member of Local Selection Committee in the interview of Assistant Professor (Ad-hoc) for subject –Botany-2021.
- Member of Local Selection Committee in the interview of Assistant Professor (Ad-hoc) for subject –Economics-2021.
- Member of Scrutiny Committee for the post of Assistant Professor (Permanent), subject – Zoology-2021.
- Member of Scrutiny Committee for the post of Assistant Professor (Permanent), subject- Education Department-2021.
- Member of Departmental Admission Committee Session: 2020-21.
- Invigilator in VRET: 2019-20.

Additional Information:

Invited Lectures/Talks:

- Delivered invited talk in the 6-days Science Lecture Series entitled “Human Endocrine Glands and its Functions” organized by faculty of science, Govt. Pt. Shyamacharan Shukla College, Dharsiwa, Raipur, Chhattisgarh on 20th November 2021.
- Delivered invited talk as Keynote speaker in the national webinar entitled “Role of synchronized circadian cycle in immune enhancement with special reference to mental health in time of COVID-19.” jointly organized by the Department of Botany & Department of Zoology, Satish Chandra College, Ballia (U.P.) on 30th June 2020.

Research Paper Presented in Conferences:

- Presented a Research Paper entitled “An observation of foraging activities of Red-crested Pochard at wetland habitat” in one of Technical Sessions of National Seminar (Virtual Mode) on *on* Sustainable Water Resources Management: Challenges, Strategies and Future Prospects organized by Department of Rural Technology and Social Development, GGV,

Bilaspur, Chhattisgarh held on 22nd -23rd March 2022.

- Presented a Research Paper entitled “Temporal pattern in foraging activity of Little Cormorant, *Microcarbo niger* at Madku Dweep, District Mungeli, Chhattisgarh, India” in one of Technical Sessions of International e-Conference on ‘International e-Conference on Recent Advances in Biological Sciences & Opportunities in Entrepreneurship’ jointly organized by School of Studies in Biotechnology & Alumni Association of Biotechnology (AAB), Pt. Ravishankar Shukla University, Raipur, India. In academic partnership with Pt. Deendayal Upadhyay Memorial Health Sciences & Ayush University of Chhattisgarh, Raipur, India held on 7th -8th January 2022.
- Presented a Research Paper entitled ‘Diversity of wetland birds at Ratanpur town, District-Bilaspur, Chhattisgarh, India’ (Oral Presentation) in International Colloquium on ‘Ambient science to strengthen the green economy’ organised by National Cave Research and Protection Organisation Raipur (C.G.) on 7th to 10th June 2018.
- Presented a Research Paper entitled ‘Assessment of distribution patterns of wetland birds between unpolluted and polluted ponds at Ratanpur, District Bilaspur, Chhattisgarh, India’ (Oral Presentation) in Interdisciplinary National Seminar on ‘Behavioral impact of animals and microorganisms on human life and their environment’ organized by Dept. of Zoology, Govt. Dr. W.W. Patankar Girl’s P.G. College, Durg (C.G.) on 3rd to 4th February 2017.
- Presented a Research Paper entitled ‘A chronological assessment of foraging behaviour of the Cotton Pigmy Goose, *Nettapus coromandelianus Gmelin, 1789* at Ratanpur, Chhattisgarh, India’ (Oral Presentation) in National Conference on ‘Behavioural ecology: responses to changing climate’ at 41st Annual Conference of the Ethological Society of India’ organised by Gujarat Institute of Desert Ecology, Kachchh, Gujarat on 24th to 25th November 2017.
- Presented a Research Paper entitled ‘Avian fauna of Govt. Nagarjuna P.G. College of Science Campus, Raipur (C.G.)’ (Oral Presentation) in National Conference on ‘Conservation of biodiversity in India, some issues’ organized by Govt. Girl’s P.G. College, Devendra Nagar, Raipur (C.G.) on 16th to 17th October 2012.
- Presented a Research Paper entitled ‘Baseline aspects concerning the site selection patterns of *Apis dorsata* (Hymenoptera: Apidae)’ (Oral Presentation) in ‘First Indian Biodiversity Congress, IBC, 2010’ at Thiruvananthapuram, Kerala on 28th to 30th December 2010.
- Participated in the online training programme on ‘**Mushroom Cultivation**’ organized by National Institute of Rural Development and Panchayati Raj, Ministry of Rural Development, Government of India, Rajendranagar, Hyderabad, India held on 26th August 2021.

Training/Workshop:

- Successfully completed a two week Interdisciplinary Refresher Course/Faculty Development Programme on “Research Methodology” and obtained Grade – A, organized by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Human Resource Development Pandit Madan Mohan Malviya National Mission

on Teachers and Teaching from 20th July to 03rd August 2021.

- Successfully completed a four week Induction/ Orientation Programme for ‘Faculty in Universities/Colleges/Institutes of Higher Education’ and obtained Grade – A, organized by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Human Resource Development Pandit Madan Mohan Malviya National Mission on Teachers and Teaching from 26th June to 24th July 2020.
- Participated in the online training programme on ‘Biosand Filter Technology - Sehgal Foundation’ organized by National Institute of Rural Development and Panchayati Raj, Ministry of Rural Development, Government of India, Rajendranagar, Hyderabad, India held on 25th August 2021.
- Participated in the online training programme on ‘Handmade Paper Conversion - Paper Bags and Gift Box Making’ organized by National Institute of Rural Development and Panchayati Raj, Ministry of Rural Development, Government of India, Rajendranagar, Hyderabad, India held on 19th August 2021.
- Participated in the online training programme on ‘Electrospark Coating for Agriculture Implements’ organized by National Institute of Rural Development and Panchayati Raj, Ministry of Rural Development, Government of India, Rajendranagar, Hyderabad, India held on 18th August 2021.
- Participated in the online training programme on ‘Sustainable Bio-Energy Solutions’ organized by National Institute of Rural Development and Panchayati Raj, Ministry of Rural Development, Government of India, Rajendranagar, Hyderabad, India held on 17th August 2021.
- Participated in the online training programme on ‘Sustainable Housing Technologies’ organized by National Institute of Rural Development and Panchayati Raj, Ministry of Rural Development, Government of India, Rajendranagar, Hyderabad, India held on 16th-17th August 2021.
- Participated in the online training programme on ‘Exposure Cum Orientation On Sustainable Livelihoods and Technologies’ organized by National Institute of Rural Development and Panchayati Raj, Ministry of Rural Development, Government of India, Rajendranagar, Hyderabad, India held on 13th August 2021.
- Delivered lecture in 02 days workshop entitled ‘Different protocols of soap base preparation for handmade soap’ organized by Department of Rural Technology and Social Development, GGV, Bilaspur on 18th to 19th January 2020.
- Participated in 07 days National Workshop on ‘Trends and Techniques of Chronobiology’ sponsored by UCG, New Delhi and Chhattisgarh Council of Science and Technology, Raipur (C.G.) held in the School of Life Science, Pt. Ravishankar Shukla University, Raipur (C.G.), from 6th to 12th January 2014.
- Participated in 13 days DBT sponsored training program on ‘Characterization of Biodiversity of Tropical Forest Ecosystems of Achanakmar-Amarkantak, Biosphere Reserve of Chhattisgarh India using Satellite Remote Sensing, GIS and GPS Techniques’ organized by UGC-ASC, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) from 24th December 2012 to

5th January 2013.

- Participated in 04 days National Workshop on '*Hands on DNA Techniques*' sponsored by UCG, New Delhi organized by Department of Botany, Govt. Nagarjuna P.G. College of Science, Raipur (C.G.) from 8th to 11th January to 2013.
- Participated in 04 days Twelfth Training Course on 'Field Ornithology' held at Zoological Survey of India, Kolkata (W.B.) from 12th to 15th January 2010.
- Participated in 04 days Exposure Training on 'Appropriate Tachnology' organized by Center for Science for Villages, Dattapur, Wardha (Maharashtra), sponsored by Department of Rural Technology and Social Development, GGU, Bilspur (C.G.) from 12th to 15th March 2008.
- Scored 100% on quiz competition entitled "ChemLab:Methods and Techniques" conducted by IQAC in association with Department of Chemistry, Dr. Bhimrao Ambedkar Govt. College Pamgarh (C.G.) on 10th July 2020.
- Scored 100% on quiz competition entitled "Quiz on Chemisrty" organized by the Department of Chemistry, Govt. Gajanand Agrawal P.G. College Bhatapara (C.G.) on 8th August 2020.

Seminar/Symposium/Webinar

- Participated in International Symposium on 'Chronomedicine : Relevance in COVID times' organized by Department of Physiology, All India Institute of Medical Sciences (AIIMS) Raipur, India under the aegis of Indian Society of Chronomedicine & Association of Physiologists of India held on 18th September 2021.
- Participated in National Webinar on 'Need and Feasibility of Water Consevation' organized by Deapartment of Zoology & Botany, Shivnath Science College, Rajnandgaon (C,G.) held on 19 th June 2021.
- Participated in three days International Webinar on 'Animal Diversity: Local to Global 'organized by Govt. N.P.G. College of Science, Raipur, Chhattisgarh, held on 14th to 16th June 2021.
- Participated in International Webinar on 'Emerging Challenges and Opportunities on Higher Education Due to COVID-19'organized by Govt. Digvijay P.G. College, Rajnandgaon, Chhattisgarh, held on 13th June 2020.
- Participated in National Webinar on 'Forest, Wildlife and Environmental Issues' jointly organized by the Department of Forestry and Environmental Sciences and School of Human and Environmental Sciences, Manipur University, Imphal, India on 28th June 2020.
- Participated in National Webinar on 'Challenges and Repercussions of Covid-19 Pandemic' organized by the Department of Zoology, Govt. N.P.G. College of Science, Raipur (C.G.) held on 29th June 2020.
- Participated in National Webinar on 'Science and Technology Driven Higher Education In State of Chhattisgarh: Challenges and Opportunities During and After Covid-19 Era'' organized by Govt. Arvind College, Kirandul, Distt-Dantewada, Chhattisgarh, held on 15th

July 2020.

- Participated in National Webinar on ‘Developing Smart Skills For Online’ organized by Organised by the IQAC Cell, Govt. K.H. College, Abhanpur, Raipur, Chhattisgarh held on 31st July 2020.
- Participated in National Webinar on ‘Advances in Biofuel’ organized by Organised by Department of Mechanical Engineering, Guru Ghasidas Vishwavidyalaya, (C.G.) held on 5th December 2020.
- Participated in Webinar on ‘Advances in Biological Sciences’ organized by Organised by Centre for Basic Sciences, Pt. Ravishankar Shukla University, Raipur (C.G.) held on 7th to 8th August 2020.
- Participated in 03 days ‘Interaction Program (School of Life Sciences)’ organized by ASC, Pt. Ravishankar Shukla University, Raipur (C.G.) from 23rd to 25th March 2013.
- Participated in National Seminar on ‘Rural Development: The Role of NGO’s and farmers’ organizations’ held at Department of Rural Technology and Social Development, Guru Ghasidas University, Bilaspur (C.G.) on 23rd to 24th February 2007.