

**DEVENDRA SINGH PORTE, Ph.D.****Assistant Professor**

Department of Rural Technology and Social Development

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Area of Interest/Specialization: Chronobiology, Field-Ornithology, Animal Behaviour, Environmental Toxicology, Immunology, Endocrinology, Rural Sociology, Tribal & Social Studies, Soil Science, Biodiversity & Wildlife.

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

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 (CGMFP Fed), Forest Department, Raipur (C.G.), India.
- Teaching Experience: 12 years (6 years at Govt. Higher Secondary School, 1 year at State Govt. College and 5 years at GGV, Bilaspur)., Research: 12 years.

Research Projects: Awarded and running a research project entitled “Evaluation of existence and socioeconomic status of Gond painting artists- a heritage of Gond Tribe” by ICSSR, New Delhi with budget approved 1000000/- for two years File No. 02/129/2022-23/ST/TS/RP Dated- 03rd August 2023.

Patent: (Design No.: 460225-001 Date of publication: 18/08/2025) AI-POWERED CROP DISEASE DETECTOR.

Research Supervision:**Ph.D.: 01 Awarded; 01 Ongoing.**

S.N.	Name of Student	Enroll. No.	Year	Topic of Ph.D. Thesis	Staus
1.	Dr. Amita Paikra	GGV/16/6009	2025	Avifaunal diversity, distribution, and behavioral ecology in the agricultural landscape under the Gourela-Pendra-Marwahi District of Chhattisgarh, India	Awarded
2.	Ms. Swati Sao	GGV/17/3242	2021	A study on behavioral pattern and milk productivity of Kosali breed of cow	Ongoing

M.Sc. Dissertation: 11 Completed; 01 Ongoing.

S.N.	Name of Student	Enroll. No.	Year	Topic of Dissertation
1.	Ashok Mehar	GGV/15/6027	2020	An Assesment of Farmland Soil Fertility in Some Villages of Bilha Block, District Bilaspur, Chhattisgarh, India.
2.	Amita Paikra	GGV/16/6009	2021	Nesting activity of a wetland bird: Indian Pond Heron, <i>Ardeola grayii</i> (sykes, 1832) at Pendra under Gaurella-Pendra-Marwahi district of Chhattisgarh state.
3.	Deepika Kanwar	GGV/16/6019	2021	A Case Study on Covid-19 Pandemic in Mungeli District of Chhattisgarh State.
4.	Srijan Dev Mahant	GGV/60/6048	2021	Impact of Youtube Advertisment on Customer Purchase Intention toward Products at City Bilaspur, Chhattisgarh, India.
5.	Swati Sao	GGV/17/3242	2022	Enumeration, isolation and identification of soil nitrifying bacteria from soil sample of farms of Ahmedabad, Gujarat
6.	Shubham Singh	GGV/17/6084	2022	A population estimation of stray cattle on the streets of Bilaspur city, Chhattisgarh, India.
7.	Shubham Pathak	GGV/17/6085	2022	A case study on India's most Holistic cattle farm: Bansi Gir Gaushala.
8.	Jaishree Syryavanshi	GGV/21/10704	2023	Chronotype patterns of medical shift workers at Government District Hospital of Bilaspur, Chhattisgarh, India.
9.	Saket Nirala	GGV/ 18/6145	2023	Morningness-eveningness preferences among students of Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.).
10.	Anjali Mishra	GGV/19/6017	2024	Abundance, habitat association and behavioral ecology of common emigrant butterfly (<i>Catopsilia pomona</i>) at the campus of guru ghasidas vishwavidyalaya, bilaspur, chhattisgarh
11.	Kumari Janvi Bnajare	GGV/19/6068	2024	A study in gender based chronotype variability among Ph.D. Research Scholars of Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.).
11.	Muskan Kumari	GGV/22/10714	2024	An autorhythmometric physiological assessment of Ph.D. research scholars of Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.).
12	Abhishek Kanwar	GGV/20/10604	2025	Assessing digital literacy among PVTGs residing in Kabirdham District of Chhattisgarh: A study on children aged 12 to 21 years from Baiga Tribe.

Invited Lectures/Talks:

1. 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.
2. Delivered invited talk as guest speaker 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.
3. Delivered invited talk as guest speaker in the Webinar and Awareness Drive on The Eve of Environment Day-2022 entitled “**Only One Earth**” organized by science club at, Govt. Pt. Shyamacharan Shukla College, Dharsiwa, Raipur, Chhattisgarh on 04th June 2022.
4. Delivered invited talk as guest speaker in the “Erudite Lecture Series” entitled “**Role of Circadian Clock in Behavioral Patterns of Birds**” organized by IQAC, Bhanupratap Deo Government P.G. College, North Bastar (C.G.) on 06th February 2023.
5. Delivered invited talk as guest speaker in the Webinar entitled “**Understanding Various Modes of Tribal Development –Protecting their Indigenous Culture from External Influence**” organized by Centre for Rural Development and Technology, Indian Institute of Technology Delhi, New Delhi under the umbrella of “**Unnat Bharat Abhiyan**” on 18th February, 2023.
6. Delivered invited talk as guest speaker in the national Seminar on Tribal Development in Chhattisgarh: Shifting Perspective, Issues and Challenges entitled “**A Cultural Heritage of Tribal Community of Chhattisgarh**” organized by Dr. C.V. Raman University Kota, Bilaspur, (C.G.) held on 04th- 05th August 2023.
7. Delivered invited talk as guest speaker in the one day Webinar on “**Intellectual Property Rights and its awareness in Indian scenario**” organized by Govt. S.S.P. College, Waraseoni, District-Balaghat (M.P.) on 28th May 2024.
8. Delivered invited talk as guest speaker in the National Webinar on “**Technological Advancement in Educational System Digital Education and New Provisions**” organized by S.T.P. Govt. College, Dewas (M.P.) on 1st June 2024.

Awards and Honors:

- Gold Medal for M.Sc. Rural Technology from Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) on 18th December 2010.
- 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.
- Certificate in Guidance from Indira Gandhi National Open University, New Delhi, India on 1st October 2016.
- 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.
- 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.
- Research Excellence Award-2020 from Institute of Scholar (InSc), Bengaluru-560091, Karnataka, India.

Research Publication: Total 35

Best Peer Reviewed Publication (up-to 10):

1. **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.
2. **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.
3. **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.
4. **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.
5. **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. Article DIO: 10.21276/ambi.2018.05.sp2.ra01.
6. **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.
7. **Devendra Singh Porte** and Seema Gupta (2018). A chronological assessment of foraging activities of the Cotton Pigmy Goose, *Nettapus coromandelianus* Gmelin, 1789 at Dulahara pond, Ratanpur, Chhattisgarh, India. *Biological Rhythm Research*. Article DIO: <https://doi.org/10.1080/09291016.2018.1484807>.
8. Prasoon Soni, Ithi Gupta, Pushpraj Singh, **Devendra Singh Porte** and Dilip Kumar (2022). GIS based AHP analysis to recognize the COVID 19 concern zone in India. *GeoJournal*. Article DIO: <https://doi.org/10.1007/s10708-022-10605-8>.
9. 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.
10. Charu Jaiswall, Medha Chakraborty, Kushal Kant Pant, Vikas Chandra, **Devendra Singh Porte** (2022). Nanoparticle aided tumor targeting and cancer detection. *Journal of Advanced Scientific Research*, 13 (9): 01-11.
11. Hemant Sahu, Pushpraj Singh and **Devendra Singh Porte** (2023): Reviews on Remote Sensing and GIS of Biomass-Based Renewable Energy. *Agriculture Association of Textile Chemical and Critical Reviews Journal*, 11 (03):116-124.
12. Prasoon Soni, Dilip Kumar, Pushpraj Singh, Devendra Singh Porte and Shruti Namdeo (2023): Forest Fire Zone using the Analytical Hierarchy Process and Geographical Information Systems: A case study of Bilaspur Division, Chhattisgarh, India. *Indian Forester*, 149(6): 614-621
13. Ajay Kumar, **Devendra Singh Porte** and Seema Rai (2024): Phoshodiestrage-5 Inhibitors in Reversal of Male Infertility: A Meta-Analysis. *Journal of Applied Bioscience*, 50(2): 103-110.
14. Amita Paikra and **Devendra Singh Porte** (2024): The influence of harvest cycle on farmland bird diversity: A study from in Gourela-Pendra-Marwahi (GPM) District of Chhattisgarh, India. *Ambient Science*, 11(2); 17-27.
15. Amita Paikra and **Devendra Singh Porte** (2024): Nest preference and composition of

Asian Openbill Stork (*Anastomus oscitans*) in Gourela-Pendra-Marwahi (GPM) District of Chhattisgarh, India. *Asian Journal of Chemical and Environmental research*, 17(1-4):1-12.

16. Amita Paikra and **Devendra Singh Porte** (2024): Avian diversity in agricultural landscapes: A study on farmland birds in Gourela-Pendra-Marwahi District of Chhattisgarh, India. *Ambient Science*, 17(1-4):13-27.
17. Swati Sao, Shubham K. Singh and **Devendra Singh Porte** (2025): Kosali cattle of Chhattisgarh: A climate resilient indigenous breed for sustainable livestock systems in India. *International Journal of Environment, Agriculture and Biotechnology*, 10(4):26-28.

Recent Books/Book Chapters/Monographs etc.: 15 Book Chapters

1. **Devendra Singh Porte** (2022). An Assessment of Feeding Habit of the Cattle Egret, *Bubulcus ibis*. *Frontiers in Life Science Volume V* (ISBN: 978-93-91768-54-6), Bhumi Publishing, pp. 45 – 53.
2. **Devendra Singh Porte** and Pushpraj Singh (2022). Health Management Practices for Some Important Viral Poultry Diseases. *Frontiers in Life Science Volume VI* (ISBN: 978-93-91768-01-0), pp. 79 – 91.
3. **Devendra Singh Porte**, Deepika Kanwar and Amita Paikra (2022). A Case Study on Covid-19 Pandemic in Mungeli District of Chhattisgarh State. *COVID 19: Impact and Response Volume X* (ISBN:978-93-91768-46-1),pp.25–35.
4. **Devendra Singh Porte** and Pushpraj Singh (2022). Management of Major Lac Host Flora and Lac Cultivation. *Agriculture Science: Research and Review Volume V* (ISBN: 978-93-91768-00-3), pp. 1-11.
5. **Devendra Singh Porte** and Pushpraj Singh (2022). An Outline of Pig Farming: A Source of Livelihood in the Indian Context. *Agriculture Science: Research and Review Volume V* (ISBN:978-93-91768-00-3),pp.41–47.
6. **Devendra Singh Porte**, Srijan Dev Mahant and Amita Paikra (2022). Impact of You Tube Advertisement on Customer Purchase Intention Toward Products at City Bilaspur, Chhattisgarh, India. *Advances in Literature, Social Science, Commerce and Management* (ISBN: 978-93-91768-78-2),pp.75–81.
7. **Devendra Singh Porte** and Pushpraj Singh (2022). Successful Poultry Business and Marketing Strategy. *Advances in Literature, Social Science, Commerce and Management* (ISBN: 978-93-91768-78-2),pp.86–92.
8. **Devendra Singh Porte**, Lokesh Kumar Tinde, Vikas Chandra and Amita Paikra (2022). A Review on Nesting Behaviour of Wetland Associated Avifauna. *Environment and Sustainability Volume III* (ISBN: 978-93-91768-24-9),pp.38–53.
9. **Devendra Singh Porte**, Lokesh Kumar Tinde, Vikas Chandra and Amita Paikra (2022). Foraging Behaviour of Wetland Birds: A Review. *Environment and Sustainability Volume III* (ISBN: 978-93-91768-24-9),pp.54–77.
10. Amita Paikra and **Devendra Singh Porte** (2022). Nesting Activity of Cattle Egret, *Bubulcus ibis* at Pendra under Gaurella-Pendra-Marwahi District of Chhattisgarh State. *Frontiers in Life Science Volume V* (ISBN: 978-93-91768-54-6), Bhumi Publishing, pp. 54 – 59.
11. **Devendra Singh Porte***, Satyesh Bhatt, Swati Sao, Amita Paikra, Rakesh Kumar Ghritlahare (2024): Advances in Breeding and Reproduction: Enhancing Genetic Progress and Fertility in Livestock. *Sustainable Agriculture System and Technologies*, Academic Publication Delhi, ISBN: 978-81-19680-74-0, pp. 25-35.
12. **Devendra Singh Porte***, Satyesh Bhatt, Swati Sao, Amita Paikra, Rakesh Kumar Ghritlahare (2024): Sustainable Dairy Farming: Balancing Productivity and

- Environmental Concerns. *Sustainable Agriculture System and Technologies*, Academic Publication Delhi, ISBN: 978-81-19680-74-0, pp. 51-57.
13. **Devendra Singh Porte***, Satyesh Bhatt, Swati Sao, Amita Paikra, Rakesh Kumar Ghritlahare (2024): Nurturing Tomorrow's Herd: Best Practices in Calf Management And Rearing. *Sustainable Agriculture System and Technologies*, Academic Publication Delhi, ISBN: 978-81-19680-74-0, pp. 59-68.
 14. **Devendra Singh Porte***, Satyesh Bhatt, Swati Sao, Amita Paikra, Rakesh Kumar Ghritlahare (2024): Optimizing Dairy Feed Management and Nutrition For Maximum Milk Production And Animal Health. *Sustainable Agriculture System and Technologies*, Academic Publication Delhi, ISBN: 978-81-19680-74-0, pp.145-154.
 15. **Devendra Singh Porte***, Satyesh Bhatt, Swati Sao, Amita Paikra, Rakesh Kumar Ghritlahare (2024): Dairy Farm Planning and Design: Optimizing Productivity and Sustainability. *Sustainable Agriculture System and Technologies*, Academic Publication Delhi, ISBN: 978-81-19680-74-0, pp.163-173.

Faculty Development Programme:

1. 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.
2. Successfully completed on a two week Interdisciplinary **Refresher Course/Faculty Development Programme "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.
3. Successfully completed a five days National Level Virtual Workshop/ Faculty Development Programme on "**Basics of Research Methodology**" organized by Department of English & Research Centre, Government Digvijay Autonomous P.G. College, Rajnandgaon (C.G.) in collaboration with Indira Kala Sangeet Vishwavidyalaya, Khairagarh (C.G.) from 07th June to 11th June 2022.
4. Successfully completed on a two week UGC- Sponsored **Refresher Course in Forestry & Environmental Studies: 21st Century Issues, Challenges & Solutions (Interdisciplinary)** and obtained **Grade – A**, organized by UGC-HRDC, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) from 12th January to 25th January, 2023.

Research Paper Presented in Conferences:

- 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.
- 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 '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 Dessert Ecology, Kachchh, Gujarat on 24th to 25th November 2017.
- 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 "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 "An observation of foraging activities of Red-crested Pochard at wetland habitat" in one of Technical Sessions of National Seminar (Virtual Mode) 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.

Skill Development Training:

S.No.	Theme of Training/ Workshop/ Seminars/ Conferences	Organizing Institute	Duration/ Date	Nature of Participation
Workshop Programme				
1	Exposure Training on 'Appropriate Technology'	Center for Science for Villages, Dattapur, Wardha (Maharashtra)	12-15/03/2008	Participant
2	Twelfth Training Course on 'Field Ornithology'	Zoological Survey of India, Kolkata (W.B.)	12-15/01/2010	Participant
3	Hands on DNA Techniques	Sponsored by UGC, New Delhi organized by Department of Botany, Govt. Nagarjuna P.G. College of Science, Raipur (C.G.)	08-11/01/2013	Participant
4	Characterization of Biodiversity of Tropical Forest Ecosystems of Achanakmar-Amarkantak, Biosphere Reserve of Chhattisgarh India using Satellite Remote Sensing, GIS and GPS Techniques	UGC-ASC, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	24/12/2012-05/01/2013	Participant

5	Interaction Program (School of Life Sciences)'	ASC, Pt.Ravishankar Shukla University, Raipur (C.G.)	23-25/03/2013	Participant
6	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.)	06-12/01/2014	Participant
7	Different Protocols of Soap Base Preparation for Handmade Soap	Department of Rural Technology and Social Development, GGV, Bilaspur	18-19/01/2020	Resource Person
Online Training Programme				
1	Exposure Cum Orientation On Sustainable Livelihoods and Technologies	National Institute of Rural Development and Panchayati Raj, Ministry of Rural Development, Government of India, Rajendranagar, Hyderabad	13/08/ 2021	Participant
2	Sustainable Housing Technologies	National Institute of Rural Development and Panchayati Raj	16-17/08/ 2021	Participant
3	Sustainable Bio-Energy Solutions	National Institute of Rural Development and Panchayati Raj	17/08/ 2021	Participant
4	Electrospark Coating for Agriculture Implements	National Institute of Rural Development and Panchayati Raj	18/08/ 2021	Participant
5	Handmade Paper Conversion - Paper Bags and Gift Box Making	National Institute of Rural Development and Panchayati Raj	19/08/ 2021	Participant
6	Biosand Filter Technology - Sehgal Foundation	National Institute of Rural Development and Panchayati Raj	25/08/ 2021	Participant
7	Mushroom Cultivation	National Institute of Rural Development and Panchayati Raj	26/08/ 2021	Participant
Seminar/Webinar Participation				
1	Emerging Challenges and Opportunities on Higher Education Due to COVID-19	Govt. Digvijay P.G. College, Rajnandgaon, Chhattisgarh	13/06/2020	Participant
2	Forest, Wildlife and Environmental Issues	Department of Forestry and Environmental Sciences and School of Human and Environmental Sciences, Manipur University, Imphal, India	28/06/2020	Participant
3	Challenges and Repercussions of Covid-19 Pandemic	Department of Zoology, Govt. N.P.G. College of Science, Raipur (C.G.)	29/06/2020	Participant
4	ChemLab:Methods and Techniques	IQAC in association with Department of Chemistry, Dr. Bhimrao Ambedkar Govt. College Pamgarh (C.G.)	10/07/2020	
5	Science and Technology Driven Higher Education In State of Chhattisgarh: Challenges and Opportunities During and After Covid-19 Era	Govt. Arvind College, Kirandul, Distt-Dantewada, Chhattisgarh	15/07/2020	Participant
6	Developing Smart Skills For Online	IQAC Cell, Govt. K.H. College, Abhanpur, Raipur, Chhattisgarh	31/07/2020	Participant
7	Advances in Biological Sciences	Centre for Basic Sciences, Pt. Ravishankar Shukla University, Raipur (C.G.)	07-08/08/2020	Participant

8	Quiz on Chemisrty	Department of Chemistry, Govt. Gajanand Agrawal P.G. College Bhatapara (C.G.)	08/08/2020	Participant
9	Advances in Biofuel	Department of Mechanical Engineering, Guru Ghasidas Vishwavidyalaya, (C.G.)	05/12/2020	Participant
10	Animal Diversity: Local to Global	Govt. N.P.G. College of Science, Raipur, Chhattisgarh	14-16/06/2021	Participant
11	Need and Feasibility of Water Consevation	Deapartment of Zoology & Botany, Shivnath Science College, Rajnandgaon (C.G.)	19/06/2021	Participant
12	Women Empowerment Low and Scheme	Deapartment of Science, Pt. Jawaharlal Nehru College, Nawagarh (C.G.)	19/06/2021	Participant
13	Chronomedicine : Relevance in COVID times'	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	18/09/2021	Participant
14	National Seminar on 'Rural Development: The Role of NGO's and farmers'	Department of Rural Technology and Social Development, Guru Ghasidas University, Bilaspur (C.G.)	23-24/02/2007	Participant