

## FACULTY PROFILE



**NAME:** Dr. (Major) KIRAN LATA DAMLE

**DESIGNATION:** Asstt. Prof.

**DEPARTMENT:** ZOOLOGY

**INSTITUTION:** Govt. Digvijay Autonomous PG College, Rajnandgaon. (C.G.)

**e-mail address:** majorkld12@gmail.com

**CONTACT NO.:** 7803048494

### OVERVIEW:

	Subject/Title for PhD	Year	From (University)
Graduation	PCB	1979	BHOPAL UNIVERSITY (M.P.)
Post- Graduation	ENTOMOLOGY	1985	BHOPAL UNIVERSITY (M.P.)
PhD		2021	MVGU JAIPUR (RAJ)

### AWARDS:

1. महात्मा ज्योतिबा फूले समता अवॉर्ड (2020): भारतीय दलित साहित्य अकादमी छत्तीसगढ़ राज्य द्वारा शिक्षा एवं सामाजिक कार्य के क्षेत्र में ।
2. Awarded Ph.D 2021

### COURSES TAUGHT:

#### B.Sc.

- Cell Biology and Non-Chordates
- Anatomy & Physiology
- Vertebrate Endocrinology, Reproductive Biology, Behavior, Evolution and Applied Zoology
- Genetics, Cell Physiology, Biochemistry, Biotechnology and Instrumentation
- Structure and Function of Invertebrates

## M.Sc.

- Biosystematics and Taxonomy
- General and Comparative Endocrinology
- Gamete and Developmental Biology.

## ADDITIONAL RESPONSIBILITIES:

- **Autonomous Controller : 20.05.2023**
- **NCC Officer From July 1994 to July 2022**
- **Fellow Contributor in International Science Community Association (ISCA) – 2021**
- **NCC - Member of Board of studies during COVID – 19.**
- **ISC-2022 Souvenir Editorial Board Member**
- **College student union - coordinator**

## PUBLISHED PAPERS:

1. Kiran Lata Damle & Seema Gupta (2012). “Biodiversity of Mites in poultry dust at Rajnandgoan District in Chhattisgarh, INDIA.” *Research Front: A Peer Reviewed National Journal of Multiple Sciences, Arts & Commerce*. ISSN-2050:2653, Vol. 1: **98-101**.
2. Kiran Lata Damle, (2013). “Biodiversity of Mites in poultry dust at Rajnandgoan District in Chhattisgarh, India.” *Int. J. of Life Sciences, a Peer reviewed open access journal*. ISSN: 2320-7817, A (1): **139-141**.
3. Damle K.L., Gupta. S. and Sharma M. (2016) “Biodiversity of Mites in poultry dust at Rajnandgoan District in Chhattisgarh, INDIA.” *Int. Res. J. Animal, Veterinary and Fishery Sciences*. ISSN 2320-6535 Vol. 4(5), **1-4**.
4. Damle K.L., Gupta. S. and Sharma M. (2016) “Biodiversity and population dynamics of dust mites.” *IOSR Int. Res. J. of agriculture and Veterinary Sciences (IOSR-JAVS)*.e- ISSN: 2319-2380, p- ISSN: 2319-2372 Vol 9, Issue 9 Ver. I, **94-98**.
5. Damle K.L., Gupta. S. and Sharma M. (2016) “plant mites: an article.” *Research Front: A Peer Reviewed National Journal of Multiple Sciences, Arts & Commerce*. ISSN-2050:2653, Vol. IV: **104-111**.
6. Damle K.L., Gupta. S. and Sharma M. (2018). “Poultry mites –a review”. *IOSR Int. Res. J. of agriculture and Veterinary Sciences (IOSR-JAVS)*. e-ISSN 2277-2502, Vol.7(4): **1-5**.
7. Thakur U., Tripathi S. and Damle K.L., (2018). “Bioaccumulation of Heavy Metal Mercury in Catla-Catla of Shivnath River of C.G. India. *IOSR Int. Res. J. of agriculture and Veterinary Sciences (IOSR-JAVS)*.e- ISSN 2277-2502, Vol.7(4):
8. Damle K.L. & Gupta. S. (2020). The Poultry Mite: *Dermanyssus gallinae*. - A Review. *Res. J. Animal, Veterinary fishery Sciences*. ISSN 2320 – 6535, Vol. 8(1), **1-10**.

## BOOK CHAPTERS:

1. Damle K.L. (2018). Migration in House Mites: A Review. “*Socio-Econological And Adaptation, Challenges To Climate Change Mitigation*”, By Mohinder Slariya, PG College, Chamba. ISBN-13:978-1523648184, Vol. VI: 63-72.
2. Damle K.L. (2023). Dust Mites Diversity: An Article. *Ist Int. Conference IC - RASSI. ISBN-978-81-959977-1-8.*

### PROJECTS (COMPLETED AND ONGOING):

#### Completed:

1. Native Birds of Rajnandgaon District (C.G.) (2015-16) funded by UGC/BSR for duration of six months.

#### INSTITUTIONS WORKED IN:

1. Govt. Digvijay Autonomous PG College, Rajnandgaon. (C.G.)

#### OTHER APPOINTMENTS/ACHIEVEMENTS:

- Head of Department of Zoology - 2022
- In charge Head of the Department of Home – Science
- Member as Subject Expert in CGPSC – 2021
- जिला द्वारा चुनाव आचार संहिता समिति
- जिला स्वीप कार्यक्रम समिति सदस्य
- यूजीसी समान अवसर केंद्र समिति सदस्य
- छग लोक सेवा गारंटी समिति
- महाविद्यालय भ्रमण समिति
- पटवारी परीक्षा
- पंचमुखी विकास कार्यक्रम समिति
- महिला उत्पीड़न एवं निवारण समिति,
- गृह विज्ञान – 10 दिवसीय छत्तीसगढ़ी व्यंजन कार्यशाला।
- Covid-19 Volunteer Registered
- Appointment as Debate Elocution Extempore Judge in Intercollegiate Youth Festival by Veterinary College, Anjora, District Durg (C.G.)
- **Chief Guest** - Invited as Chief Guest in **Annual Sports** of Royal Kids Convent School, Rajnandgaon.
- External Academic audit science member.
- Appointment as Anchor for Central Independence Day & Republic Day Celebration by District Collectorate.
- Distribution of tablet for B.Sc. Students.
- Delivered lecture at High School Kanharpuri during Extension Activity.
- Superintendent in University & Autonomous Examination.



- Member in sports committee, Redressal Committee, Discipline & Anirragging Committee, SC/ST chamber's Book Bank & stationary issuing Committee, Scholarship Committee,
- Red Cross, Medical & Psychological Cell Member
- Observer & Invigilation work in various Vyapam Examinations
- Coordinator: B.Sc., B.C.A. & M.Sc. Students Admission.
- Mentor of B.SC. 1, 2, and M.Sc. class.
- Responsibilities given by the higher authorities of the Institution.

### **ACHIEVEMENT:**

- **Astt. Coordinator – State Level Workshop on “Research Methodology” on 20/01/2011** successfully organized by department.
- Organized Exhibition on “**BIODIVERSITY**” on 16<sup>th</sup> - 17<sup>th</sup> November **2011** sponsored by UGC extension activities.
- Arranged a visit of well-equipped laboratory for college student and the teachers accompanying them.
- Organized Exhibition on “**BIODIVERSITY**” **2013** sponsored by UGC Extension Activities.
- **Co-ordinator** – coordinated the **State level Seminar 2014** on “**Effect of Global Climatic change on Biodiversity & Conservation**”.
- Organized Exhibition on “**BIODIVERSITY**” **2015** sponsored by UGC Extension Activities for students of invited schools.
- Organized Exhibition on “**BIODIVERSITY**” **2019, 2021 & 2022** with MOU with 2 colleges under Extension Activities for students of invited schools.
- Organized Exhibition on “**BIODIVERSITY**” **2021** sponsored by UGC Extension Activities for students of invited schools.
- **Co-ordinator:** Three days National Webinar on National Environment Day 2022.

### **EDUCATIONAL TOUR & CRUCIAL VISITS TO IMPORTANT PLACES:**

- 1999 Agra, Rishikesh, Delhi, Mathura
- 2003 Calcutta, Howrah
- 2005 Cochin, Ernakulum, Chennai & Tirupathi
- 2010 CIFA. (Central institution of fresh water aquaculture) Bhubaneswar. (Orissa) was organized under C.P.E. Program. Students visited fish culture, pearl culture, prawn culture and different types of hatcheries, Nandan Kanan Zoological Park, including Reptile Park, fish aquarium and different animals.
- 2012-2013 to Kolkata for M. Sc. Students. Students visited fish culture, pearl culture, prawn culture and different types of hatcheries, Zoological Park, including Reptile Park, fish aquarium and different animals, Science City etc.
- 2012 - 2013 Fish Farm SARODHA DAM, Kawardha in to study Cage Culture.
- 2013-2014 Jaipur Students visited Zoological Park.

- 2013-2014- Ghatarani Hills (C.G.)
- 2014-2015 Rameshwaram and Chennai. Students visited fish culture, pearl culture, prawn culture and different types of hatcheries, Zoological Park, including Reptile Park, fish aquarium and different animals, Science City etc.
- 2016-2017- Agra, Delhi and Mathura. Students visited Zoological Park, Dinosaurs Park, Fish Aquarium, Snake Park, Butterfly Park, etc.
- 2016-2017 - CIFA. (Central institution of fresh water aquaculture) Bhuwaneshwar. (Orissa) Students visited fish culture, pearl culture, prawn culture and different types of hatcheries, Nandan Kanan Zoological Park, including Reptile Park, fish aquarium and different animals.
- 2017-2018 GANGASAGAR (WB)
- 2018-2019- Jaipur Students visited Zoological Park,
- 2021-2022- VISHAKHAPATNAM & Kawardha (C.G.)
- 2022-2023- Durg & Raipur Fish Farms (C.G.)
- 2022-2023- Bastar Visit – Kutmbasar Cave (C.G.)

#### **LINK OF YOUTUBE CHANNEL:**

The Cell- Pro and Eukaryotic Cell. - <https://youtu.be/zEz8EytJJYs>

Cell Membrane. - [https://youtu.be/OVxHQb\\_aCGw](https://youtu.be/OVxHQb_aCGw)

Mitochondria. - [https://youtu.be/4tbUR6\\_1XGg](https://youtu.be/4tbUR6_1XGg)

Cell Cycle.- <https://youtu.be/WPeXsFnuLKk>

Chromosomes. hindi - <https://youtu.be/hsOgd9fL0-g>

Chromosomes. eng. <https://youtu.be/BYlwndW87-g>

Nucleus. - <https://youtu.be/vGdUg-LOwQE>

Ribosomes.- <https://youtu.be/6ew2xFlsuDw>

Genetic Code. - <https://youtu.be/qBXA4ig2kXA>

Nucleic Acid. - <https://youtu.be/4Mk5I9SOI6k>

Meiosis. - <https://youtu.be/X-YF6v4Ps3s>

Lysosomes. - <https://youtu.be/lunmjWpQUqk>

Endoplasmic Reticulum. - <https://youtu.be/8eAVyiNdqx0>

Sex Determination. - <https://youtu.be/wvUx5KY4kuQ>

Crossing Over. - [https://youtu.be/zOwB3W\\_ptRM](https://youtu.be/zOwB3W_ptRM)

OÖGENESIS - <https://youtu.be/H7eiQVDSFZU>

vitellogenesis. - <https://youtu.be/-bWEMOOmsEY>

Transcription in Eukaryotes <https://youtu.be/Zx1N0EI-XSc>

Gene regulation- <https://youtu.be/V5U3MSY5PT0>

the Operon concept - <https://youtu.be/JgK-eQ59WWk>

Lac Operon - <https://youtu.be/3-NMUcyPgIY>  
Mutation In Lac Operon - <https://youtu.be/u1MIh8zUsKc>  
regulation of translation in pro & eukaryotes - <https://youtu.be/2aRd5SI2eE4>  
nerve endings (bio analysers) - <https://youtu.be/rxG5A0KSRcl>  
degeneration and regeneration of neuron - <https://youtu.be/uEbNaobGUqo>  
histological structure of neurons and neuroglial cells -  
<https://youtu.be/KJM62nvFePg>  
neuromuscular junction and transmission - <https://youtu.be/kC1pMxofmLw>  
synapse and synaptic transmission - <https://youtu.be/i9kTwVi0XSg>  
hormonal control of lipid metabolism-1. <https://youtu.be/uTvafdHKDvY>  
hormonal control of lipid metabolism-2. <https://youtu.be/HMg4-esgyGI>  
piotropy - <https://youtu.be/fNWW2LUHv4U>  
inhibitors of phosphorylation - [https://youtu.be/6uyImBGN-\\_A](https://youtu.be/6uyImBGN-_A)  
oxidative phosphorylation ETS & ATP Synthesis -  
<https://youtu.be/29ulxc44XsY>  
hormonal regulation of protein metabolism - <https://youtu.be/gz1By5Q7rto>  
carbohydrate metabolism - <https://youtu.be/VreYELgF8f8>  
shuttle system of mitochondria - <https://youtu.be/zfr51FcyvzE>  
biostatistics presentation of data. pie diagram. -  
<https://youtu.be/Hwn1Biqm6is>  
biostatistics presentation of data-1.line diagram. -  
<https://youtu.be/Aup9IMo8TIU>  
biostatistics graphical presentation of data-2.line diagram. -  
<https://youtu.be/Aup9IMo8TIU>  
biostatistics presentation of data-2. line diagram. -  
<https://youtu.be/Aup9IMo8TIU>  
biostatistics presentation of data-3.bar diagram.  
<https://youtu.be/EZVWlaxmg5U>  
biostatistics graphical presentation of data- taxtual and tabular -  
<https://youtu.be/4JHR0FH-6c8>  
teretology - <https://youtu.be/6O0Jw6oPXP8>  
carbohydrate metabolism- PDH Complex - [https://youtu.be/T\\_-P8hKYzP4](https://youtu.be/T_-P8hKYzP4)  
hormonal regulation of carbohydrate metabolism-  
[https://youtu.be/\\_Vsmzu9QT9s](https://youtu.be/_Vsmzu9QT9s)



biosynthesis and secretion of thyroid gland hormone - <https://youtu.be/lhaMcUBAdI>

thyroid hormone biosynthesis - <https://youtu.be/vyrDyJx7D-w>

acoustico-lateralis system - <https://youtu.be/0K6NtNUqBOM>

role of growth and thyroid hormone in glucose metabolism -

<https://youtu.be/nyYtfE7MfnQ>

use of Insuline glucagon catcolamines on glucose metabolism -

<https://youtu.be/HqEwsWC8wkU>

Amino acid peptide bond - <https://youtu.be/Yh13C8RQZMU>

Fish endocrine system and its glands <https://youtu.be/wNHHT12VqEO>

Gonadal steroid biosynthesis, testes - <https://youtu.be/mKkyq7WJMP0>

### SEMINAR CONFERENCES CHAIRED:

1. **Sessional President** - 5<sup>th</sup> International Young Scientist Congress Conference (2019) at BIT, Durg. Chhattisgarh
2. **Sessional President** - 10<sup>th</sup> International Young Scientist Congress Conference (2022) at Satara (MH)
3. **Session Chairperson** - Ist Int. Conference IC - RASSI (Feb. 2023) Govt. D.M.V. College RJN (C.G.)
4. **Sessional President** - 6<sup>th</sup> International Young Scientist Congress Conference (2019) at Graphic Era Deemed University, Dehradun, Uttarakhand. India.

### Paper Presented/attended in Seminar/conferences (no.):

#### International & National Seminars/ Symposium/ Conferences/ Workshop:

2006 to 2020

Sl	Date	Activity	Participa - tion	Topic	College
1.	5- 6 Oct. 2006	National Symposium	Attended	Current Trends in Pineal Research and 4 <sup>th</sup> IPSG Meeting.	Govt. D.B. Girls P.G. College Raipur(C.G.)
2	5 <sup>th</sup> Jan. 2007	National Seminar	Attended	Environmental Issues & Economic Development.	Govt. Navin Girls college Raipur. (C.G.)
3	3 <sup>rd</sup> Jan. 2009	National Seminar	Attended	Plant Tissue Culture- Techniques & Applications in Plant Improvement.	Govt. Dhote Bandhu Science College Gondia. (M.H.)
4	19-20 Feb. 2009	National Seminar	Attended	Human Migration- Trends, Problems & Solutions.	Govt. DMV. Rajnandgaon. (C.G.)
5	27 – 28 Feb. 2009	<b>National Seminar</b>	<b>Poster Presentation</b>	<b>Environmental Protection &amp; Preservation- Role of Academic Community.</b>	<b>Govt. Bilasa Girls P G College Bilaspur. (C.G.)</b>
6	17 - 18	National	Attended	Advancing Frontiers in Plant	CMD.PG College Bilaspur.

	Aug. 2009	Seminar		Science- Present Status & Challenges for Future.	(C.G.)
8	27 - 28 Dec. 2010	<b>National Seminar</b>	<b>Presented Paper</b>	<b>Development, Environment &amp; Climate Change.</b>	<b>Govt. P.G.College, Shahdol. (M.P.)</b>
9	29 – 30 Jan. 2011	National Seminar	Attended	To Find out Genetic Relationship in Sickle Cell Patient of Kabirdham District.	Govt. P.G. College Kawardha. (C.G.)
10	5 – 6 Feb. 2011	National Seminar	Attended	Climate Change &Its Effect on Biodiversity.	Bhilai Mahila College, Bhilai. (C.G.)
11	28Feb- 01 march S2011	<b>National Seminar</b>	<b>Presented Paper</b>	<b>Biodiversity Conservation- Social &amp; Economic Importance.</b>	<b>Govt. P.G. College. Ambikapur. (C.G.)</b>
12	1- 3 July 2011	<b>International Seminar</b>	<b>Presented Paper</b>	<b>Microorganisms In Environmental Management &amp; Biotechnology.</b>	<b>Barkatulla Univ. Bhopal. (M.P.)</b>
13	11 -12 Oct. 2011	National Seminar	Attended	Bioresources-Its Implication, Alteration & Management for the Welfare of Living Kingdom.	V.Y.T.P.G. College Durg. (C.G.)
14	5 – 7 Nov. 2011	<b>International Seminar</b>	Attended	Advances in Biological Sciences.	Pt. R.S.S.U. Raipur. (C.G.)
15	20 - 21 Jan.2012	<b>National Seminar</b>	<b>Presented Paper</b>	<b>Green House Effect.</b>	<b>Govt. K.D. M. College Rajnandgaon. (C.G.),</b>
16	13 - 15 Dec. 2012	<b>National Conference</b>	<b>Presented Paper</b>	<b>Impact of Airborne Microbes.</b>	<b>Indian Aerobiological Society. Pune. (MH)</b>
17	21 <sup>st</sup> Dec. 2012	State level Seminar	Attended	Effect of Global Climatic Change on Biodiversity & Conservation.	Govt. Dmv. Rajnandgaon. (C.G.)
18	22 <sup>nd</sup> Dec. 2012	National Seminar	Attended	Research Trends & Methodology in Social Sciences-Problems & Prospects.	Govt. Dmv. Rajnandgaon. (C.G.)
19	23 <sup>rd</sup> Dec. 2012	National Seminar	Attended	Anusandhan Pariyojana Nirman, Vishleshan Vidhiya avam Nidhi pradata abhikaran.	Govt. Dmv. Rajnandgaon. (C.G.)
20	20 – 21 Jan. 2012	<b>National Seminar</b>	<b>Poster Presentation</b>	<b>Importance of Medicinal Plants in Toxicology &amp; Reproductive Endocrinology.</b>	Bhilai Mahila Mahavidyalaya, Bhilai. (C.G.)
21	11 -12 Oct. 2012	National Seminar	Attended	Climatic Change on Biodiversity & Conservation.	Govt. P.G. Girls College Raipur. (C.G.)
22	20 – 21 Jan. 2013	National Seminar	Attended	Additional Knowledge In Technology.	Govt. D.B. Girls P.G college, Raipur. (C.G.),
24	29 – 30 Nov. 2013	<b>CANTAA Nat. Seminar</b>	<b>Presented Paper</b>	<b>Concepts Of New Trends In Aerobiology</b>	<b>Mumbai. (MH)</b>
25	20 – 21 Jan. 2014	<b>National Seminar</b>	<b>Presented Paper</b>	<b>“Alternatives To Dissection &amp; Animal Experiments.”</b>	<b>Govt. P.G. College Bilaspur. (C.G.),</b>
27	27 - 28 June 2014	<b>National Seminar</b>	<b>Presented Paper</b>	<b>“Plant Biotechnology.”</b>	<b>Govt. P.G. College Anantpur (AP)</b>
28	3 - 5 Oct. 2014	International Seminar	Presented Paper	“Migration of Mites: A Review”,	<b>Govt. P.G. College, Chamba (H.P.)</b>



29	29 - 30 Sept. 2014	International Seminar	Attended	“Plant Mites”.	Govt. D.B. Girls College. Raipur. (C.G.)
31	4 –5 Feb. 2015	National Seminar	Attended	“Coalition Politics In States.”	Govt. DMV. Rajnandgaon. (C.G.)
32	6 -7 Feb. 2015	National Seminar	Attended	“Cyber Crime.”	Govt. DMV. Rajnandgaon. (C.G.)
33	10 <sup>th</sup> Feb. 2015	workshop	Attended	“Women Empowerment.”	Govt. DMV. Rajnandgaon. (C.G.)
34	27- 28 Feb. 2015	<b>National Seminar</b>	<b>Presented paper</b>	“Solid Waste Disposal.”	<b>Andhra Loyala College Vijaywada, (A.P).</b>
35	2-3 March 2015	<b>National Seminar</b>	<b>Presented paper</b>	“Plant Mites.”	<b>Bhilai Mahila college. Bhilai. (C.G.),</b>
36	31 <sup>st</sup> May 2015	One day Workshop	Attended	Choice Based Credit System.”	Bilaspur University, Bilaspur. (C.G.)
37	2 <sup>nd</sup> July 2015	RUSA- 01 day Workshop	Attended	“Dissemination Of Quality Education.”	Govt. DMV. Rajnandgaon. (C.G.),
38	27 – 28 Nov. 2015	National Seminar	Attended	Enhancement strategies in quality education and research.	Govt. Nagarjun P.G. College Of Science, Raipur. (C.G.)
39	8-9 Dec. 2015	<b>International Seminar</b>	<b>Presented Paper</b>	<b>5<sup>th</sup> Int, Science Congress Conference</b>	<b>Tribhuvan University, Kathmandu, Nepal.</b>
40	02 - 04 Jan. 2016	National Seminar	Attended	Innovations & prospects in biotechnology.	Biotech, Pt. R.S.S. University, Raipur. (C.G.)
41	7 – 8 Jan. 2016	<b>National Seminar</b>	<b>Presented Paper</b>	“Role of Women in Army”. Women Empowerment And Sports.	<b>Govt. K.D. M. College Rajnandgaon. (C.G.),</b>
42	01. march 2016	Certificate Of Learning	Attended	Spoken Tutorial Project	Govt. Digvijay P.G. College Rajnandgaon
43	2-3 March 2016	ZSC National Conference	Attended	Prospects in Life Sciences: Paragism Shift in Teaching and Research in Zoological Sciences.	Govt. Nagarjun P.G. College of Science, Raipur. (C.G.)
44	8 March 2016	One Day Workshop	Attended	International Women’s Day. MSW	Govt. Digvijay P.G. College Rajnandgaon
45	18 Nov. 2016	State Workshop	Attended	Mahila Shashaktikaran	Govt. Digvijay P.G. College Rajnandgaon
47	17,18 Jan. 2017	National Conference	Attended	Soil Quality and Public Health	Govt. Digvijay P.G. College Rajnandgaon
48	21 & 22 Jan. 2017	<b>National Conference</b>	<b>Presented Paper</b>	<b>Arsenic Induced Pathogenecity among Arsenic Infected Area of Human Population</b>	<b>Govt. College, Dalli Rajhara.</b>
50	03 & 04 Feb. 2017	<b>National Seminar</b>	<b>Presented Paper</b>	<b>Behavioral Impact of Animals &amp; Micro-Organisms on Human Life and their Environment</b>	<b>Govt. Dr. W.W.P.Girls PG College, Durg (C.G.)</b>
51	Jan. 2018	<b>International Seminar</b>	<b>Presented Paper</b>	<b>8<sup>th</sup> International Science Congress Conference</b>	<b>Bhutan University, Bhutan.</b>
52	8,9 May 2018	<b>International Seminar</b>	<b>Presented Paper</b>	<b>4<sup>th</sup> International Young Scientist Congress Conference</b>	<b>Sanskrit Vidyapeetha, Tirupati. (A.P.)</b>

52	30 & 31 Jan 2019	<b>National Seminar</b>	<b>Presented Paper</b>	<b>Wild Life: Its Nature, Decline &amp; Conservation in India</b>	<b>Govt. Digvijay P.G. College Rajnandgaon</b>
53	8,9 May 2019	<b>International Seminar</b>	<b>Presented Paper</b>	<b>5<sup>th</sup> International Young Scientist Congress Conference</b>	<b>Surkhet University, Nepal.</b>
54	8 & 9 Dec 2019	<b>International Seminar</b>	<b>Sectional President – Biological sciences</b>	<b>5<sup>th</sup> International Young Scientist Congress Conference</b>	BIT, DURG
55	07 To 14 Dec 2019	8 day workshop	Attended	Computer Training	Govt. Digvijay P.G. College Rajnandgaon

### **2020 -21**

<b>Sl</b>	<b>Date</b>	<b>Activity</b>	<b>Participa- tion</b>	<b>Topic</b>	<b>College</b>
<b>56</b>	<b>13.02. 2020</b>	<b>National seminar</b>	Participated	<b>Recent Advances &amp; Current Trends in Life Sciences</b>	<b>Govt. DBSBA College, Dongargarh, RJN</b>
<b>57</b>	16 March 2020	<b>1 Day Workshop</b>	Participated	Legal awareness for women	DMV RJN
58	13.06. 2020	International webinar	Participated	Emerging challenges & opportunities on higher education due to COVID - 19 pandemic	DMV, RJN
59	19.06. 2020	National e-quiz	Participated	Covid 19: Jaan Hai To Jahan Hai	KDM, RJN
60	20.06. 2020	National webinar	Participated	Intellectual property rights and patent filing	DMV RJN
61	20. June 2020	National Webinar	Participated	Intellectual Property Rights And Patent Filing	DMV RJN
62	21 June 2020	National Level E-Quiz	Participated	International Yoga Day	Dr. Khoobchand Baghel Govt. PG College, Bhilai-3, Durg. (C.G.)
63	21.06. 2020	International E-Quiz Competi- tion	Participated	International Yoga Day	MMR PG College, Champa, Bilaspur
64	23.06. 2020	National webinar	Participated	The role of technology to fight against COVID -19	Kalyan PG College, Bhilai
65	24.06. 2020	National webinar	Participated	IPR issues and patenting	MRS College of Professional Sciences, Indore
66	27.06. 2020	International webinar	Participated	Recent trends in chemistry	Shivnath science college, RJN
67	28.06. 2020	1 Day Workshop	Participated	COVID-19	iGOT
68	29.06. 2020	National webinar	Participated	Challenges & repercussions of COVID- 19 pandemic	NPG College of Science, Raipur
69	30.06. 2020	National webinar	Participated	Lifestyle diseases & COVID-19	St. Thomas College, Bhilai
70	04 To 06 July 2020	Nat. Webinar 3 Days	Participated	Spirituality & Psychological Well Being	Gurukul Kangri Vishvavidyalaya, Haridwar (UP)
71	04 To 06	3 days Nat.		Spirituality & Psychological well	

	July 2020	Webinar		being	
72	09.07.20	National webinar	Participated	Impact of information technology on society in corona period	Govt. BSBA PG College, Dongargaon, RJN
73	10.07.20	National e- quiz	Participated	ENGLISH IS FUN	Govt. MSN Girls College, Bilaspur
74	17 To 20 July 20	National e- quiz	Participated	Health, hygiene & diseases	VAB Govt. College Chhuikhadan, RJN
75	17.07.20	National webinar	Participated	Covid-19: Mental Health Consequences & Implications	Kalyan College, Bhilai
76	22 To 24 July 20	3 days National Virtual Workshop	Participated	Stress management under the pandemic COVID-19	DMV, RJN
77	23.07.2020	National webinar	Participated	Milk is the real backbone of India's rural wealth	Department of Mass Media
78	27.07.2020	National webinar	Participated	Role & challenges in science & technology	B.V.V.Sangha's S.R.Kanthi Arts, Commerce & Science College, Mudhol. Karnataka
79	28.07.2020	National webinar	Participated	Atmanirbhar Bharat: an elixir of the Indian economy	SRK College, Bagalkot Karnataka
80	30.07.2020	Online oath	Participated	Be Vocal About Local	myGOV
81	02.08.2020	International webinar	Participated	Covid-19: mental stress & its effect on human physiology	Govt. College, Rajpur, Balrampur – Ramanujganj, C.G.
82	04 Aug 2020	International Webinar	Participated	Literary Research: Text And Contexts	B.V.V.Sangha's & S.R.Kanthi Arts, Commerce & Science College, Mudhol. Karnataka
83	08.08.2020	National webinar	Participated	<b>कोरोना काल की कविताई</b>	DMV, RJN
84	19.08.2020	National webinar	Participated	Covid-19: a new challenge for human security	DMV. RJN
85	23.08.2020	National webinar	Participated	<b>नई राष्ट्रीय शिक्षा नीति – समर्थ भारत</b>	<b>सार्थक संवाद (प्रज्ञा प्रवाह) राजस्थान, जयपुर</b>
86	29.08.2020	National webinar	Participated	Impact of eco-tourism in protected areas	Govt. E.V.P.G.College, Korba
87	31.08.2020	National webinar	Participated	Impact of increasing crime in globalization in society	Govt. Shivnath Science College, Rjn
88	31.08.2020	International e-quiz competition	Participated	Role of nutrition in supporting healthy lifestyle	Govt. KDRM PG College, Rjn
89	07.09.2020	Online OATH	Participated	PREAMBLE TO CONSTITUTION	Department of justice, my GOV
90	7 & 8 Sep. 2020	2 days International E-Seminar	Participated	Issues & challenges on agricultural & aquatic sectors along with human health in the present scenario of COVID-19	Luchnow Christian College, Lucknow
91	13 Sep. 2020	National webinar	Participated	Life sciences and human health	Govt. J.M.P. College, Takhatpur, Bilaspur



92	24 To 30 Sep. 2020	7 days National online on nat. webinar	Participated	Awareness campaign for healthy nation	Govt. Nehru PG College, Dongagarh, RJN
93	02 To 08 Oct. 2020	7 Days Wildlife week 2020	Participated	Wildlife Flora And Fauna	Vitthal Rukhmini Mahavidyalaya, Yavatmal
94	15 To 21 Nov. 2020	Online Academic week Workshop 7 Days	Participated	Biodiversity & conservation	Govt. Dr. W.W.P.Girls PG College Durg (C.Gv.)

### 2021 – 22

Sl	Date	Activity	Participation	Topic	College
95	06 & 07 June 2021	02 Days National Webinar	Participated	Ecosystem Restoration	Govt. V.Y.T. College Durg (C.G.)
96	08 June 2021	National Webinar	Participated	Impact Of E-Commerce On Small Business During Covid-19 Pandemic	Govt. Pt. SS College, Dharsiwa
97	14 To 16 June 2021	03 Days Internat. Webinar	Participated	Animal Diversity: Local To Global.	Govt. N. P.G. College Of Science, Raipur.
98	19 June 2021	National Webinar	Participated	Need & Feasibility Of Water Conservation	Govt. Shivnath Science College, Rjn
99	15 To 21 Nov. 2021	07 Days : Online Workshop	Participated	Biodiversity & Conservation	Govt. Dr.W.W.P.G.G. College, Durg.
100	15 - 21 Nov 2021	07 Days Camp	Participated	NCC- CATC-9	Aadarsh College, Somni RJN (C.G.)
101	22 - 28 Nov 2021	07 Days Camp	Participated	NCC- CATC-10	Aadarsh College, Somni RJN (C.G.)
102	1 & 2 Feb. 2022	Nat. E- Conference	Participated	Wildlife Conservation In India: A Sustainable Approach	Wildlife Trust Of India & Envocare Nature Club- Bhandara, Sakoli & Tumser College. (MH)
103	24 Feb. 2022	Nat. E. Conference	Participated	Decoding Union Budget -2022-23: Prospects And Challenges.	Govt. Digvijay Auto. PG College, RJN (CG)
104	2021-22	E-Quiz Competition	Participated	Systemic Voters Education & Electoral Participation (SVEEP)	Govt. Digvijay Auto. PG College, RJN (CG)

### 2022 – 23

Sl	Date	Activity	Participation	Topic	College
105	06 June 2022	Nat. Webinar	Participated	Environmental Protection & Indian Legal System	Kirodimal Govt. Arts & Science College, Raigarh (C.G.)
106	15 To 17 June 2022	03 Days: Nat. conference	Participated	NEP 2020: Reconceptualising the Inclusive, Integrated, Engaging	Vipra Arts, Commerce and Physical Education

				& Enjoyable Learning	College, RPR
107	18 June 2022	Nat. Webinar	Participated	Financial Literacy And Its Significance of Youth of India	Kirodimal Govt. Arts and Science College, Raigarh
108	27 To 29 June 2022	03 Days: Nat. workshop	Participated	Instrumentation	Govt. Shivnath Science College RJN
109	09 July 2022	01 Day State Workshop	Participated	Curricular Framework for Implementation of CBCS/LOCF Under NEP 2020	Govt. D.M.V. College RJN (C.G.)
110	20.10. 2022	01 Day Workshop	Participated	Research paper writing and publication	Govt. D.M.V. College RJN (C.G.)
111	05 & 06. Nov. 2022	02 Days National Conference	Participated	Recent trends in material science	Kirodimal Govt. Arts & Science College, Raigarh (C.G.)
112	12 & 13 Nov. 2022	02 Days National Webinar	Participated	मुक्तिबोध का साहित्य: युगबोध और प्रवृत्तियाँ	Govt. D.M.V. College RJN (C.G.)
113	19.11. 2022	01 Day Hands – On Training	Participated	Scanning electron microscope (SEM) & MICROSCOPY	Kalinga University, Naya Raipur. (C.G.)
114	24 – 26 Jan 2023	03 Days Nat. Online Workshop	Participated	Data Analysis and Data Processing	Hi Learn Edutech Lnstute, Vijayapura, Karnataka
115	06 – 08 Feb. 2023	1 <sup>st</sup> Int. conference	Participated	IC-RASSI	Govt. D.M.V. College RJN (C.G.)
116	07 – 11 June 2022	05 Days Nat. level virtual workshop	Participated	Basics on research methodology	Govt. D.M.V. College RJN (C.G.)
117	07 – 13 dec 2022	07 Days Nat. online workshop	Participated	Primer Designing, PCR & Real Time PCR for Gene Expression Analysis	<b>Cytogene, 'Research &amp; Development, Lucknow</b>
118	10 – 17 Dec 2022	07 Days FDP	Participated	Documentation using mobile, laptop & desktop interface	Govt. D.M.V. College RJN (C.G.)
119	07 – 15 june 2022	10 Days Nat. level workshop	Participated	New NAAC accreditation frame work & awareness	Govt. D.M.V. College RJN (C.G.)
120	10-11 Sep 2022	Nat. Seminar	<b>Presented Paper</b>	Role of Dr, B.R. Ambedkar in Nation Building	Govt. PENCHVALLEY PG College, Parasia, Chhindwara (M.P.)
121	16 & 17 Jan 2023	Nat. Seminar	<b>Presented Paper</b>	Impact of Information Technology in Multidisciplinary Researches	Govt. Bilasa Girls PG College, Bilaspur (C.G.)
122	03 To 05 June 2022	03 Days: Nat. Webinar	<b>Co-Convenor</b>	Conservation of Natural Resources and Sustainable Development	Govt. D.M.V. College RJN (C.G.)
123	16 sep 2022	District level	<b>Judge</b>	Ozone Layer Conservation Day	Govt. D.M.V. College RJN (C.G.)
124	08 & 09 Dec. 2022	ISCA	Sectional	10 <sup>th</sup> International Science Congress - 2022	DJD Arts Commerce Science College, Vaduz

			President- AVF		Satara MH
125	06 – 08 Feb. 2023	Ist Int. Conference	Session Chairperson - Biological Sciences	IC - RASSI	Govt. D.M.V. College RJN (C.G.)
	07 – 08 May 2023	IYSC Conference	Session Chairperson - Biological Sciences	6 <sup>th</sup> International Young Scientist Congress	Graphic Era Deemed University, Dehradun, Uttarakhand. India.
	07 – 08 May 2023	IYSC Workshop	attended	Intellectual Property Rights	Graphic Era Deemed University, Dehradun, Uttarakhand. India.

### ACCEPTED PAPER

1. **Majid A. & Damle K.L.** (2023). Study of Physicochemical Alteration by NMDC Plant in Shankani River of Bastar (India) by using Aquatic Insect as Pollution Indicator. *Int.peer reviewed research journal of recent sciences; issn: 2277-2502.*

### BOOK CHAPTER

1. Damle K.L., Pandey C. & Rawte K. (2023). Dust Mites Diversity: An Article. *Ist Int. Conference IC - RASSI. ISBN-978-81-959977-1-8.*

### FDP/INDUCTION/RFRESHER COURSE ATTENDED:

### FACULTY DEVELOPMENT PROGRAM (FDP)

Sl	Date	Activity	Participation	Topic	College
1	06 – 21 Dec. 2010	15 days FDP Workshop	Attended	Computer Skill & Development for Teachers & Employees	Govt. DMV. RJN. (C.G.)
2	25 - 29 June 2013	SAM Workshop	Attended	Capacity Building Of Women Managers In Higher Education.”	Govt. D.B. Girls P.G College, Raipur. (C.G.),
3	1 – 7 June 2014	7 Days Workshop	Attended	“Research Methodology.”	Govt. C.P. & Barar College, Nagpur (MH),
4	12 – 21 Jan. 2015	7 Days FDP Workshop	Attended	“Computer Training Workshop For College Staff.”	Govt. DMV. Rajnandgaon. (C.G.)
5	12-20 Dec. 2016	10 Days FDP Workshop	Attended	Computer Training for College Staff	Govt. Digvijay P.G. College Rajnandgaon
6	27-02 Feb. 2017	08 Days National workshop	Attended	Alternatives of Dissections and Animal Experimentation in Zoology	Bhilai Mahila College.Sect. 9 Bhilai. (C.G.),
7	30 June to 04 July 2020	5 Days Online (FDP)	Participated	Excellence in College Education after COVID -9 pandemic	Govt. E.R.R. PG College, Bilaspur (C.G.)



8	03 to 09 July 2020	7 Days FDP e-Lectures	Participated	INDRADHANUSH	Hemchand Yadav University, Durg
9	30 July to 01 Aug. 2020	3 Days National (FDP)	Participated	Electronic resources for teaching, learning & research	B.V.V.Sangha's S.R.Kanthi Arts, Commerce & Science College, Mudhol. Karnataka
10	10 to 21 Aug. 2020	2 Week Online FDP	Participated	ICT tools for teaching, learning process & institute	Electronics & ICT Academics Jaipur, Jabalpur Guwahati And IIT Roorkee
11	10 to 21 Aug. 2020	2 week online FDP	Participated	Hands-on with ICT Tools	ABV Vshwavidyalaya, Bilaspur
12	04 To 10 March 2021	FDP 7 days	Participated	Computer Science Department	Govt. Digvijay Auto PG College, RJN
13	03 To 09 May 2021	National workshop 7 Days	Participated	Intellectual property rights (IPR)	Govt. V.Y.T. College Durg (C.G.)
14	07 To 16 May 2021	10 days Online FDP workshop	Participated	NAAC	Hemchand Yadav University, Durg.
15	03 To 09 May 2021	07 Days: FDP	Participated	Intellectual Property Rights ,	Govt. V.Y.T. College Durg (C.G.)
16	07 To 16 May 2021	10 Days: FDP Online Workshop	Participated	7 Criteria of NAAC,	Hemchand Yadav University, Durg.
17	07 To 13 July 2021	09 Days Nat. Online FDP Workshop	Participated	Life Skills During The Pandemic: The New Normal	Govt. N. P.G. College Of Science, Raipur.
18	13 To 21 Aug 2021	09 Days: FDP	Participated	Nutrition & Human Well-Being	Govt. KDM P.G. College. RJN
19	06 – 13 Jan. 2022	09 Days: FDP	Participated	Computer Training For Faculty	Govt. Digvijay Auto. PG College, RJN (CG)
20	07 To 11 June 2022	05 Days: Nat. FDP workshop	Participation	Basics of Research Methodology	Govt. D.M.V. College RJN (C.G.)
21	07 To 15 June 2022	07 Days: Nat. FDP workshop	Participation	New NAAC Accreditation Frame Work & Awareness	Govt. D.M.V. College RJN (C.G.)
22	15 -17 June 2022	NEP 2020		Reconceptualising the Inclusive, Integrated Engaging And Enjoyable Learning	Vipra Arts & Commerce Physical Education College, Raipur
23	07 To 13 Dec 2022	7 days Online FDP Workshop	Participation	Primer Designing, PCR & Real Time PCR for Gene Expression Analysis	Cytogenetic Research & Development, Lukhnow.
24	10 To 17 Dec. 2022.	7 Days Faculty Development Programme	Participation	Documentation Using Mobile , Laptop & Desktop Interface	Govt. Digvijay Autonomous P.G College Rajnandgaon
25	24 to 26 Jan 2023	3 Days Online Workshop	Participation	Data Processing & Data Analysis	Hi Learn Edutech Institute, Vijayapura, Karnataka

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**INDUCTION/REFRESHER COURSE ATTENDED:**

Sl.	Year	Course	Subject	Place
1	22 March- 17 April 1993	3 months Orientation	-	Rani Durgawati University, Jabalpur. (M.P.)
2	19Aug. - 07 Sept. 1996	1 month Refresher	Bioscience	Rani Durgawati University, Jabalpur. (M.P.)
3	10 - 30 Dec. 1999	1 month Refresher	Zoology	Punjab University, Chandigarh. (HP)
4	30 Oct. - 19 Nov. 2000	1 month Refresher	Zoology	Pt. Hari Shankar Gaur University, Sagar. (M.P.)
5	23 Dec. 2004 - 12 Jan. 2005	1 month Refresher	Biotechnology and Computer Science	Pt. Ravishankar Shukla University, Raipur. (C.G.)

**ACHIEVEMENTS IN NCC:**

**ANO ARMY COMPANY: Major Kiran Lata Damle**

**COURSES ATTENDED.**

Sl.	Year	Duration	Course	Place
1	17 June -14 Sept. 1997	Three months	Pre-commission Course	OTA Gwalior (M.P.)
2	14 Aug. 15 Sept. 2005	One month	Refresher Cum Promotion	OTA Gwalior (M.P.)
3	2 -3 July 2012	One month	Refresher Cum Promotion	OTA Gwalior (M.P.)

**PARTICIPATED IN:-**

**SPECIAL CAMPS: (TREKKING, MH, BLC, NCC National Games)**

SL.	DURATION	CAMP	PLACE
1	19 Oct. - 01 Nov. 2005	All India Sikkim TREKKING (GIRLS)	Sikkim, (W.B.)
2	18 to 29 June 2005	Military Hospital Attachment Camp (MH)	Jabalpur (M.P.)
3	8 to 19 May 2004	Basic leadership camp (BLC)	Tiruchi, Chennai (T.N.)
4	15 to 28 Oct. 2016	NCC National Games	New Delhi

**NATIONAL INTEGRATION CAMP: (NIC)**

SL.	DURATION	CAMP	PLACE
1	February 1998	NIC	Puri, (Orissa).
2	Nov. 2001	NIC	Chittaurgarh, (Rajasthan).
3	17 - 28 Nov. 2002	NIC	Jammu. (J & K)
4	12 - 24 Nov. 2007	NIC	Bhilai. (C.G.)

5	13 - 24 Nov. 2010	NIC	Bhilai. (C.G.)
6	28 May - 08 June 2011	Spl. Nat. Integration Camp (SNIP)	Pungalwa, Nagaland. (Kohima.)
7	01 Dec. - 12 Dec. 2011	NIC	Bhilai.). (C.G.)
8	01 Dec. - 12 Dec. 2012	NIC	Durg. (C.G.)
9	16 - 2 Nov. 2014	NIC	Raipur. (C.G.)

**CATC / TSC/ RDC/ VSC**

SL.	DURATION	CAMP	PLACE
1	August 1997	CATC	Mana, Raipur(C.G.)
2	Jan. 1998	CATC	Mana, Raipur (C.G.)
3	Sept. 1999	CATC	Mana, Raipur(C.G.)
4	Feb. 2001	CATC	Jagdapur, (C.G.)
5	02 - 13 Aug 2002	CATC	Sadani Darbar, Mana, Raipur. (C.G.)
6	27 Sept-08 Oct. 2003.	CATC/ RDC/ASC	Sadani Darbar, Mana,Raipur.(C.G.)).
7	04 - 15 Oct. 2004.	CATC-111/RDC.1/ASC.1	Sadani Darbar, Mana, Raipur. (C.G.)
8	20 - 31 Dec. 2005	CATC	Bhilai. (C.G.)
9	16 - 27 Nov. 2006	CATC/DCAT-3	Bhilai. (C.G.)
10	25 Sept-5 Oct. 2007	CATC/ RDC.1/VSC.1	Sadani Darbar, Mana, Raipur. (C.G.)
11	05 - 12 Feb. 2008	CATC & C-Cert. Exam.	Bhilai. (C.G.)
12	01 - 10 July 2008.	CATC	Bhilai. (C.G.)
13	June 2009	CATC/TSC	Kanker. (C.G.)
14	15 - 24 June 2010	CATC/TSC.	Kanker. (C.G.)
15	13 - 22 Sept. 2010.	CATC/ (TSC)	Rajnandgaon. (C.G.)
16	20 - 29 May 2013	CATC/TSC/RDC.	Bhilai.
17	11 - 20 July 2014	CATC/TSC / RDC.	Bhilai.
18	12 - 21 June 2015	CATC	Durg (C.G.)
19	19-28 July 2016	CATC/TSC	I.G.A.Univ. Labhandi, Raipur (C.G.)
20	09-16 Jan. 2017	Yatayat Sadak Suraksha Saptah	Traffic Office Rajnandgaon. (C.G.)
21	20-29 Aug. 2017	CATC	Manas Bhavan, Stadium, Durg (C.G.)
22	01-10 July 2018	CATC/TSC	Kamdhenu University, Anjora Durg (C.G.)
23	04-10 Feb. 2019	Yatayat Sadak Suraksha Saptah	Traffic Office Rajnandgaon. (C.G.)
24	09-18 June 2019	CATC/TSC	Kendriya Vidyalaya, Rajnandgaon. (C.G.)
25	16-27 July 2019	ALC-II	Dhimishree, AGRA
26	15-21 Nov. 2022	CATC - 9	Adarsh college, Somni, Dist. Rajnandgaon. (C.G.)
27	22-28 Nov. 2022	CATC - 10	Govt. Adarsh college, Somni, Dist. Rajnandgaon. (C.G.)



### **Social Activities in NCC:**

- International yoga day celebration
- Independence Day, republic Day & NCC Day Celebration – District Level.
- Traffic week celebration
- Blood donation camps
- Donated blood 3 times
- Tree plantation
- Swachchhata pakhwada
- Flag Day: Collection of Donations from Govt. Offices, Shops, Houses, School, Colleges & citizens.
- Fit India participation
- Be Vocal For Local Program.
- Surgical strike day celebration.
- Birthday celebrations of amendment personalities.
- Celebrations of Various Days – World rater day, Voter day, Hand was day, AIDS Day, constitutional day, UNITY Day, etc

