

Dr. Nanda Bhupal Jagtap

(Associate Professor)

Dapoli Urban Bank Senior Science College, Dapoli,

Dist. - Ratnagiri

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Contact Number: 7774949708/9021734623

Qualifications:

M.Sc. in Animal Physiology (Shivaji University, Kolhapur)

M. Phil in Zoology (Shivaji University, Kolhapur)

B.Ed. (Shivaji University, Kolhapur)

Ph.D. in Zoology (University of Mumbai)

Teaching Experience:

Teaching entire Zoology at undergraduate
and post graduate level.

UG teaching – **21 years**

PG teaching – **15 years**

Role in University administration, Co-Curricular and Extra Curricular Activities:

- Worked as member of syllabus drafting committee of F.Y B.Sc Zoology (NEP) Semester I- II (Implemented from 2024-2025)
- Invited as subject expert for the selection of Assistant professor in various colleges.
- Resource person for M.Sc. Part I and II Chemistry at S. H. Kelkar College of Arts, Science and Commerce, Deogad, Dr. Babasaheb Ambedkar College, Mahad, KES Anandibai Pradhan Science College, Nagothane, SRM College, Kudal and Gogate Jogalekar College Ratnagiri.
- Working as examiner for the T. Y. B. Sc and M. Sc. I and II theory and Practical Examinations at University level.

Role in college administration, Co-Curricular and Extra Curricular Activities:

Assistant Professor, Department of

Zoology (From June 2009 to 2023)

Associate Professor (From Jan 2024)

IQAC Criteria Co-Coordinator and Coordinator (2009 to till date)

Convener/Chairman:

Member of LMC 2014 to 2018 and 2022 onwards, **Youth festival** (2010), **NAAC criterion V** (2008-2012), **Research Forum** (from 2013-16), **Sports committee** (2014-16), **Coordinator of Student support progression** (2019 onwards), **Coordinator of Unfaremeans and Discipline** committee (2011 onwards) **Coordinator of Nature Club** (2015 onwards) **Coordinator for student staff welfare** (2016 to 2020) **Coordinator for Anti ragging committee** (2014 2022) , **Vidyarthi munch**(2013to2020) , **student redressal cell** (2014 to 2022), **Coordinator and Editor International Conference on “Frontiers in Biological Sciences (INCFBS-2023), Editor and member of National** (Online) **Conference on Recent Trends in Life science, Energy and Environment 2021** , **International Seminar on Emerging Trends**

in Chemical Science National conference (2022), Unfair Means Committee (2015-24), BC cell coordinator(2009 to 2014), Youth festival (1997-1999, 2000-2012),

Member:

Internal Quality Assurance Cell (IQAC) (2009-2024), **Unfair Means Committee** (2009-2024), **Local management Committee (LMC)** (2012-16), **NAAC criterion I (2011-2019)**, **Sports committee** (2009 onwards), **women development cell** (2011 onwards) **Ladies hostel committee** (2016 onwards), **Research Extension committee** (2016 to 2020), **Science Association** (2013-14), **Alumni Committee** (2012 from 2014), **BC cell** (2012-13) ,**Student and Staff welfare** (2016-19) **NSS member** (2009-2011), **Employment cell** (2012-14),

(Duties assigned by the college / university or attending the examination paper evaluation)

F.Y. and S.Y. B.Sc Paper setter (Theory and Practical), (Regular, Additional and ATKT)

Paper Assessment (Theory) F.Y. and S.Y. B.Sc (Regular, Additional and ATKT)

Invigilator College and University Examination Practical Examiner F.Y. and S.Y. B.Sc (Regular, Additional and ATKT)

Practical Examiner T.Y.B.Sc.(Internal Examiner) Expert Assistant

University Practical Examination of T.Y.B.Sc

Paper Assessment (Theory) M.Sc. part I and II (Regular, Additional and ATKT)

Topics of Interest:

Zoology, Fishery Biology, Marine Zoology, Reproductive Physiology, Human Physiology, Animal Classification, Developmental Biology, Behavioral Study, Histology, Histomorphology, Hydrobiology

Participation in the Orientation

programmes/RefreshersCourses/workshops/seminars/Conferences/symposiums:

- **Special summer school** ASC University of Mumbai MUMBAI 29th April – 18th May 2013
- **General orientation programme** ASC, Savitribai Phule University of Pune PUNE 1st August – 28th August 2014
- **Refresher Course** Devi Ahilyadevi University, Indore 05 Sept to 25 Sept.2018 UGC Academic staff college,
- **Refresher Course** Ramanujan College, University of Delhi University of Delhi 17th may 2021 to 31st May 2021.
- **Faculty Development programmes** Indira Gandhi University Meerpur Rewari 15th June to 22nd June 2020. Moocs and Moodle basic learning management system by Indira Gandhi University Meerpur Rewari
- **Faculty Development programme** Mumbai 4th May 2020 to 10th may 2020 IQAC in association with Patlex Business solution Mumba
- **Faculty Development programme** Mumbai 20th may to 26th may 2020 Pillai Hoc college of Arts science and commerce college Rasayani.
- **Short term course** Selu Maharashtra 15th May to 20th May 2020 IQAC of Nutan mahavidyalaya Selu

Research Interests: Minor/Major Research Project Ongoing/completed:

- Minor Research Projects funded by Mumbai University competed in 2013.(20,000/)
- Minor Research Projects funded by Mumbai University competed in 2016.(25,000/)
- Minor Research Projects funded by Mumbai University competed in 20118-19. (25,000/)
- Minor Research Projects funded by Mumbai University competed in 20120-21(35,000/)
- Guided 12 research projects of student for Avishkar Research convention.
- **Nine** research projects were selected at district level and selected for presentation at Mumbai University from 2019 till 2023.
- One project was selected by women development cell of Maharashtra government for presentation.
- Total **8** research projects were completed by MSc students under my Guidance from 2019.

PAPER PRESENTATION IN NATIONAL CONFERENCE

1. **Severe acute respiratory syndrome coronavirus 2(SARS-cov-2) Covid-19 crises: Health awareness** E-poster presentation. Ali Allana College of Pharmacy Akkalkuwa, Dist.: Nandurbar.
2. **Development in pesticides for Control and Prevention of African Giant Snails *Achatina fulica* in Jalgaon, Dapoli, Dist. Ratnagiri (M.S.)**'COVID Pandemic: Impact on Sustainability of Agriculture, Livestock and Biodiversity' Paper presentation Shri Vijaysinha Yadav College, Pethvadgaon (CPISALB-2022)
3. **Covid-19 crisis health awareness** organized by 6th July 2020 National level e-poster competition Paper presentation Ali Allana College of Pharmacy Akkalkuwa National Conference
4. **A Study on Butterfly Diversity in Nadgaon Village and Gulmohar Park in Khed Tehsil, of Ratnagiri District (M.S) India.** 'COVID Pandemic: Impact on Sustainability of Agriculture, Livestock and Biodiversity' Paper presentation Shri Vijaysinha Yadav College, Pethvadgaon (CPISALB-2022) National
5. **A study of effect of green tea on oral bacteria** Recent Trends in Life Science Energy and Environment Paper presentation Dapoli Urban Bank Senior Science College, Dapoli National
6. **Study of fish processing and preservation methods used along Dapoli coast of Ratnagiri district, Maharashtra (India).** Recent Trends in Life Science Energy and Environment Paper presentation Dapoli Urban Bank Senior Science College, Dapoli National
7. **Follicular placenta and embryonic development in guppy (*Poecilia reticulata*).** Recent Trends in Life Science Energy and Environment Paper presentation Dapoli Urban Bank Senior Science College, Dapoli National
8. **A Review on Toxicity Caused By Diapers in Khed Tehsil.** International Conference on "Frontiers in Biological Sciences (INCFBS- 23) Paper presentation Department of Zoology, Dapoli Education Society's, Dapoli Urban Bank Senior Science Dapoli College, Dapoli, Dist. Ratnagiri,

PAPER PRESENTATION IN INTERNATIONAL CONFERENCE

1. **Study of oil degrading bacteria isolated from Anjarle Creek, Tehsil Dapoli Dist-Ratnagiri (MS)** One day international conference on Recent Trends in Plant

science Dept.Of Botany SPK College Sawantwadi.

2. **Preganancy,childbirth, postnatal care and COVID-19** One day international conference on Covid Health Paper presentation Ali Allana College of Pharmacy Akkalkuwa,Dist:Nandurbar International Conference.
3. **Vermicomposting an ecoloving approach for recycling of sanitary waste into valuable biofertilizer**One day international conference on Recent Trends in Plant sciencePaper presentation Arts,Commerec and Science college Navapur Dist-Nandurbar (MS)
4. **A study on butterfly diversity in Dapoli district of Ratnagiri (M.S) India** International Conference on “Frontiers in Biological Sciences (INCFBS-2023) Paper presentation Department of Zoology, Dapoli Education Society’s, Dapoli Urban Bank Senior Science college Dapoli

Publications:

1. **Working women: problem and solutions** B.Adhar’ International Peer-Reviewed Indexed Research Journal Issue NO, 329 (CCCXXIX) H ISSN –(SJIF) 2278-9308 **Impact factor 7.675**
2. **Histomorphological Studies on Ovary of Guppy (Poecilia Reticulata) and Development of Follicular Placenta** International Journal of Scientific Research in Science, Engineering and Technology ISSN 2394 – 4099 Print ISSN: 2395-1990 **Impact factor 7.136**
3. **Development in pesticides for Control and Prevention of African Giant Snails Achatina fulica in Jalgaon, Dapoli, Dist. Ratnagiri (M.S.)** International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)ISSN Online: 2581-9429 **Impact factor 6.252**
4. **A Study on Butterfly Diversity in Nadgaon Village and Gulmohar Park in Khed Tehsil, of Ratnagiri District (M.S) India.** International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) ISSN Online: 2581-9429 **Impact factor 6.252**
5. **Biodiversity of Fishes in Jog River in Dapoli District Ratnagiri in Maharashtra.** Published in International Research Online ISSN: 2581-4877 Journal homepage <http://ijalsr.org> International Journal of Advancement in Life Sciences Peer-Reviewed Indexed Research Journal Issue NO, 291 (CCXCI) EISSN: 2581-4877 Journal homepage <http://ijalsr.org> **Impact factor 8.154**
6. **A study on butterfly diversity in Dapoli district of Ratnagiri (M.S) India** Recent trend in life science Energy and Environment ISBN 978-953847-1-6 **Impact factor 5**
7. **Biodiversity of Shore crab at Anjarle creek Tehsil-Dapoli Dist. Ratnagiri (Maharashtra)** Published in International Journal of Research and Analytical Reviews. Research and Analytical Reviews. International Journal of Research and Analytical Reviews. Research and Analytical Reviews. www.ijrar.org (E ISSN 2348-1269, P- ISSN 2349-5138) **Impact factor 7.17**

Seminars/workshops/Conferences participation:

Conference/Seminar Papers Presented: International: 14, National: 78, State/University: 35

Conference/Seminar Attended: International: 48, National: 78, State/University: 82

Professional and Public Activities:

- Working as **vice-president** in International NGO **Women Support Women** At Chiplun.
- Member of NGO **Vanyjiv Sanvardhan Sanstha Latur**
- Worked as a author for Book titled as **Chordate Classification** by University of Mumbai 2019-20 ISBN: 978-93-5321-933-8
- Working as a core member of **syllabus framing committee for FY BSc Zoology of Mumbai University**
- Worked as **Resource person** for the webinar organized by **central library** of Dapoli Urban Bank Senior Science College Dapoli on occasion of Reading Day (Vachan Prerana Din) on 19th June 2021.
- Worked as a **resource person** for the one day workshop organized by Student and staff welfare committee and IQAC of our college on “**New pedagogies in teaching learning process**” on 12th February 2022.
- Worked as **convener** for National (Online) Conference on Recent Trends in Life science, Energy and Environment (NCRLEE 2021) 24th and 25th September, 2021 **organized** by Dapoli Urban Bank Senior Science College Dapoli
- Participated in webinar organized by Sahyadri Sankalp society and Athalye Sapre Mahavidyalaya Devrukh on 24th April 2022.
- Participated in international Webinar on Data security and cyber laws organized by Indian Institute of social reform and research West Bengal IISRR on 4th December 2021
- Participated in one day international seminar on Climate change on November 26 2021 by Dayanand College of Arts Latur.
- Successfully completed National level faculty development program with the topic Data analysis by using statistical tools SPSS on 8 December 2021 organised by IQAC and Research committee of Thakur ShyamNarayan Degree College, Mumbai
- Actively participated in one day national webinar on wildlife conservation 2021 organised by Department of Zoology R.B Narayanrao Borawake college Shrirampur on 8th October 2021.
- Organized National level webinar on Snakes around Us on 13th August 2021 by Advocate Buddhkumar Kamble with Vanyajiv Sanvardhan Sanstha Maharashtra and nature Club of DUBSS College
- Worked as a **convener and** organised National Webinar on Electron Microscopy on 10th August 2021 resource person Dr Pradeep Sarawade (professor) in physics department Mumbai University Mumbai Organised by Department of Zoology and IQAC of Dapoli Urban Bank senior Science College Dapoli
- Participated in National Webinar on Electron Microscopy on 10th August 2021 organised by Department of Zoology and IQAC of Dapoli Urban Bank senior Science College Dapoli
- Participated in state level quiz competition organised by Nisarga Mitra Jalgaon on 2nd to 8th October 2021
- Participated in webinar on Amazing World of spiders organised by Sahyadri Sankalp society and Athalye- Sapre- Pitre College, Devrukh Maharashtra on 12th December 2021
- Participated in webinar on cultivation of bamboo along with endemic plants organised by Sahyadri Sankalp society and Athalye- Sapre- Pitre College, Devrukh Maharashtra on 19th September 2021
- Participated in webinar on Spirulina as gift of nature and Spirulina farming organised by

Sahyadri Sankalp society and Athalye- Sapre- Pitre College, Devrukh Maharashtra on 24th April 2022

- Participated in all India quiz competition organised by Government of India on PM Garib Kalyan Anna Yojana
- Participated and presented two research papers in National Conference on covid pandemic impact on sustainability of agriculture livestock and biodiversity on 25th and 26th March 2022 organised by department of Zoology Shri Vijay Singh Yadav College PethVadgaon Kolhapur
- Selected as a member of syllabus framing committee of Mumbai University of FY BSc Zoology
- Participated in National level online quiz competition on occasion of world oceans day organised by department of Zoology Vijay Singh Yadav College PethVadgaon Kolhapur on 8 June 2021
- Guided student for Avishkar research convention of university of Mumbai Project name “Effect of Green tea on oral Bacteria”
- Worked as convener for science exhibition and inauguration function organised by Department of zoology of Dapoli Urban Bank Senior Science College Dapoli of Zoo-Me-Amhi on occasion of National Science Day on 28th February 2022
- On this occasion students from F.Y.B.Sc, S.Y.BSc T.Y.B.Sc Participated to display different models, different experiments and exhibit them during the exhibition. Total 30 models and experiments displayed. This exhibition was open for all the schools and colleges in Dapoli.
- Worked as a Judge for quiz competition organized by sport department of Dapoli Urban Bank Senior Science College Dapoli
- Two articles were published in Eureka e – info letter run by Science Association of our college.
- One article published in Rayat Saarathi newspaper from Kolhapur district on the subject **Saap ani mithya article.**
- Organized Roti Day by Nature club on the occasion of International Roti day 21st February 2022
- Worked as a convener for certificate and price distribution committee 2021- 2022
- Worked as a judge for selection of Student of the Year and reader of the Year 2021-2022
- Organized **video making** competition on gosht ahe Prithvi molachi on occasion of International Earth Day on 22nd April 2022
- Participated in online covid-19 awareness program organized by Internal Quality Assurance Cell of Shankar Rao Patil Mahavidyalaya Lohara Maharashtra