
CURRICULUM VITAE

Dr. BALDE GOVIND HANMANTRAO
HEAD,
RESEARCH AND P.G.DEPARTMENT OF ZOOLOGY,
N.T.V.S.'S GAJMAL TULSHIRAM PATIL
ARTS, COMMERCE AND SCIENCE COLLEGE,
NANDURBAR – 425 412 (M. S.)
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PERMANENT ADDRESS:

41, Shrichhatra, Jai Gurudev Nagar,
Kamnath Mahadev Mandir Parisar,
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Personal Details :

- | | |
|-------------------|----------------------------|
| ➤ Name | Govind Hanmantrao Balde |
| ➤ Date of Birth | 1 st July 1984 |
| ➤ Sex | Male |
| ➤ Cast/Category | Maratha / Open. |
| ➤ Languages known | English, Hindi and Marathi |
| ➤ Marital Status | Married |
| ➤ Nationality | Indian |

Educational Qualification:

- **B.Sc.(Zoology,Botany,ComputerApplication)** From **Yeshwant Mahavidyalaya, Nanded.** Affiliated to **S.R.T.M.University, Nanded,** passed in **March 2004.**
- **M.Sc. in Zoology** From **Deptt. Of Zoology, Dr. B. A. M. University, Aurangabad,** passed in **March 2006.**
- **M.Phil. in Zoology** From (D.D.E.) **Vinayaka Missions University, Selam, Tamil Nadu,** passed in **Aug. 2009.**
- **Ph.D.in Zoology** Awarded by **S.R.T.M. University, Nanded.** In **Sept.,2010** on Research Topic entitled **“STUDIES ON BIOCHEMICAL ASPECTS OF NEMATODE PARASITES OF GALLUS GALLUS DOMESTICUS”**

Other Qualification :

- Optional Subjected as a Computer Application and completed one project name **“Electronic Departmental Store in Fox-Pro”** in year 2004 **Graduation level.**
- **N.C.C. (A Certificate with Grade ‘B’)**
- **Elementary Drawing Examination (Grade ‘C’)**

TEACHING EXPERINCE:

Previous Position:

Position: Lecturer in Zoology on contract basis.

From **03 Aug., 2008** to **07 March, 2009** in Deptt. Of Zoology,

Vichar Vikas Mandal's,

Mahatma Gandhi Mahavidyalaya,

AHEMADPUR-431515 Distt. LATUR (M.S.)

Previous Position:

Position:Lecturer in Zoology on clock hour basis.

From **12 July 2010** to **23 March 2010** in Deptt. Of Zoology,

Shri Guru Buddhiswami Mahavidyalaya,

PURNA (Jn)-431 511 Distt.PARBHANI (M.S.)

Current Position:

Position:Head, Research Guide in Zoology,Assistant Professor in Zoology.

From **08 July 2011** to till the date in Research and P.G. Deptt. Of Zoology,

NTVS's Gajmal Tulshiram Patil Arts, Commerce and Science College ,

NANDURBAR-425 412 , (M.S.)

WORKSHOP/ SYMPOSIA/SEMINAR/CONFERENCE ATTENDED / PAPER PRESENTED (ORAL/POSTER) : 35.

(International : 08, National : 22 , State: 02, University : 03)

- 16th, all India Congress of Zoology and National symposium on recent advances in with special emphasis on invertebrates. During Oct. 21st to 23rd 2005. Organized by at Deptt. Of Zoology, Dr. B.A.M. University, **Aurangabad.(M.S.)**

- Young Scientist Workshop on Parasitic and Microbial Taxa Biodiversity and Aquaculture implication, 23rd to 28th Sept. 2006. Parasitology Laboratory, Deptt. Of Zoology, University of Allahabad.(U.P.) and presented paper on ‘**Importance of Basic Taxonomy**’.
- 17th, All India Congress of Zoology and National symposium on existence with friendly fauna in India. During 15th to 17th Oct. 2006. Organized by at Deptt. Of Zoology, Vidya Pratishtan, **Baramati, Dist. Pune (M.S.)**.
- 94th, Indian Science Congress Association held on 3rd to 7th Jan. 2007. At Annamali University, Annamalai Nagar, **Chindambaram, TamilNadu**.
- National Workshop on recent trends in Biotechnology 28th to 29th March 2007. Organized by U.G.C. and Deptt. Of Zoology, **Satara, (M.S.)** and presented paper on “**Studies on cestode parasites of *Gallus gallus domesticus* from Marathwada Region, (M.S.), India.**”
- National Conference on contribution of biological research to human kind during 14th and 15th Dec. 2007. Organized by at Deptt. Of Zoology, JES college, **Jalna. (M.S.)** and presented paper on “**Prevalence of nematode parasites in domestic fowls from Nanded district(M.S.)India.**”
- International conference on Recent Trends in Biodiversity and Biotechnology Nov. 15th to 17th, 2007, organized by at Deptt. Of Zoology, Dr. B.A.M. University, **Aurangabad** and present a poster on “**Impact of fresh water predatory fish *Wallago attu* with reference to dissolved oxygen as inhabitant decreasing productivity of Indian major carps in Godavari river at Nanded city Maharashtra.**”
- 19th National Congress of parasitology and International symposium on parasitic diseases of Animals and man during 26th to 28th Oct. 2007, organized by at Deptt. Of Zoology, Andhra University, **Visakhapatnam (A.P.)** and presented a paper on “**Survey of nematode parasites from edible birds in relation to ecological factors from Nanded region (M.S.)**.”
- National conference on “Animal biodiversity and sustainable development” during January 11th to 12th, 2008, organized by at Deptt. Of Zoology, Shri Krishna Mahavidyalaya, **Gunjoti, Dist. Osmanabad** and presented a paper on “**Studies on morphology and seasonal**

variation of *Ascaridia galli* (Schrank, 1788) from *Gallus gallus domesticus* from Nanded region (M.S.).”

- National Seminar on Modern Concepts in Animal biodiversity and biotechnology on 21st to 22nd Aug. 2008 sponsored by UGC and organized by at Deptt. Of Zoology, Milind College of Science, **Aurangabad (M.S.)**.
- National Seminar on Recent Trends In Aquaculture during 7th March, 2008 organized by at Deptt. Of Zoology, Osmania University, **Hyderabad.(A.P.)**.
- 20th National Congress of Parasitology during Nov. 3rd to 5th, 2008, “Food-borne Zoonoses of Parasitic origin: molecular taxonomy and epidemiology” organized by at Deptt. Of Zoology, North-Eastern Hill University, **Shillong, (Meghalaya)**, and presented a paper on **“Total glycogen content from *Ascaridia galli* (Schrank; 1788), Freeborn, 1923.”**
- State level seminar on “Water crisis in Maharashtra: Polution, conservation and Disaster Management for Flood and Drought” organized by: at Deptt. Of Zoology, A.C.and S. College, **Kille Dharur, Dist.Beed, (M.S.) -431124**. During 20th and 21st Nov. 2008.
- State level conference on “Recent Trends in Biotechnology, Biodiversity and Environmental Aspects” organized by at, Deptt. Of Zoology, New A.C. and S.College, **Parner, Dist. Ahmednagar-414302**, During 19th and 20th December, 2008.
- International conference on advances in Biosciences: from Darwin to Dolly and Beyond... Organized by at Research and P.G. Deptt. Of Zoology, Yeshwant Mahavidyalaya, **Nanded (M.S.)** During 12th – 14th February, 2009 and Presented a paper entitled **“total protein and Nucleic Acids Quantification of *Ascaridia galli* (Schrank, 1788), Freeborn, 1923 from Nanded District (M.S.)**.
- National conference on Challenges and Opportunities In Information Technology and Bioinformatics, Organized by At Deptt. Of C.S. and Biotechnology, Swami Vivekand Mahavidyalaya, **Udgir, Dist- Latur (M.S.)** During 27th -28th , February, 2009.
- National conference on Recent Trends in Biodiversity and Bio-Science. Organized by at Deptt. Of Zoology Shri Madhavrao Patil Mahavidyalaya, **Murum, Tq. Omerga, Dist. Osmanabad (M.S.)- 413605**. During 14th -15th March, 2009.

- National Level Seminar on Biodiversity: Emerging Challenges and Opportunities. Organized by at Deptt. Of Zoology, Majalgaon A.S. and C. College, **Majalgaon- 431131. Dist. Beed (M.S.)**. During 29th – 30th August, 2009.
- National conference on Biodiversity and physiology of Aquatic Resources in sustainable Development for Rural Livelihood, organized by at Deptt. Of Zoology (Autonomous), Dr. B.A.M. University, **Aurangabad-431 004 (M.S.)**, During 24th – 25th, October-2009.
- 3rd Student Research convention “ANVESHAN-2010” organized by at N.E.S. Science College, Nanded and Jointly sponsored by Association of Indian Universities, New Delhi and S.R.T.M. University, **Nanded** During 23rd – 24th Novemebr-2009. And presented a research poster on “**Carbohydrate metabolism in *Ascaridia galli* parasitizing with fowl from Nanded region (M.S.)**”
- National conference on Present scenario of Environmental pollution and its Effect on Living organisms, organized by at Deptt. Of Zoology, Govt. College of Arts and Science, **Aurangabad-431004 (M.S.)**, During 9th to 11th, December, 2009.
- International conference on “Emerging Trends in Computer Science, Communication and Information Technology”.Orgnized by Deptt. Of Computer Science, Yeshwant Mahavidyalaya, **Nanded-431 602(M.S.)** India During Jan.09-11,2010.
- National seminar on recent trends in research on faunastic biodiversity and life processes for sustainable livelihood, Organized by Deptt .Of Zoology, L.B.S.College, Partur, **Distt.Jalna** During 7th and 8th sept.2012.
- National conference on biodiversity and environmental impact,Organized by Deptt.Of Zoology, A.,C.,S. College,Navapur,**Distt.Nandurbar**, During 22nd and 23rd dec. 2012.
- National conference on ecostudies/green studies : perspectives from literature,life science and earth sciences,Organized by Deptt.Of Zoology, Deogiri College, **Aurangabad**,During 2nd and 3rd feb, 2013.
- University level one day seminar on ‘Research Methodology and application’ organized by college of pharmacy, **Shahada**, Distt .Nandurbar on 21st Sept 2013.

- UGC and S.R.T.M.University, National level conference on Animal Sciences: Rising to the Challenges, Organized by Deptt. Of Zoology, Shri Guru Buddhswami Mahavidyalaya,**Purna (Jn), Dist.Parbhani** on 22nd – 23rd , Dec-2015
- 26 All India Congress of Zoology and International Symposium on Innovation in Animal Sciences for food Security, Health Security And Livelihood- 2015 Organized by B.B.A.University, **Lucknow (U.P.)** on 29th -31st , Oct-2015 and presented research paper entitled **Application of computational intelligence for prediction on *Schistoma mansoni* 22.6 KDA tegument protein.**
- National Seminar on Waste Management and its control measures: present and future strategies organized by Deptt. Of Botany, R.B.S.College, **Agra (U.P.)** on 27th -28th Feb 2016 and presented paper on Effect of waste material a review from Nandurbar.
- 104 The Indian Science Congress Association held at S.V.University, **Tirupati (A.P.)** on 3-7, Jan- 2017 and presented paper entitled **Effect of seasonal variation of helmith parasite from Nandurbar,(M.S.),India**
- National conference on advances in fisheries, Biological and Allied Research (AFBAR-2019) Organized by Deptt. Of fishery Science, Toshniwal Arts,Commerce and Science College, Sengaon Tq. **Sengaon Dist: Hingoli** on 5th March 2019 and presented paper on **Study on glucose and latic acid production in sheep nematodes from Nandurbar,(M.S.), India.**
- National conference, ISCA Amravati Chapter Sponsored, Organized by Deptt. Of Botany and Deptt. Of Zoology, Arts , Commerce and Science College, **Bodwad Dist: Jalgaon** on 21st Dec 2019 and presented paper on **Assessment of physical parameters of Amravati Dam,Malpur,Dist.Dhule,(M.S.),India**
- National Seminar on Recent trends in life sciences, organized by Poona College of Arts, Science and Commerce, **Pune** on 4th-5th Jan – 2019 and presented paper on **Prevalence of nematode parasite of Gallus domesticus from tribal district Nandurbar,(M.S.),India**
- One day national level workshop on SWAYAM organized by S.J.M.S.M'S Arts and Commerce college, **Khapar, Tq.Akkalkuwa, Dist: Nandurbar** on 1st Feb 2020.

- 31st National Congress of Parasitology on global technological advancements in the diagnosis and sustainable control of parasitic diseases organized by The Indian Society for Parasitology in collaboration with TANUVAS, at **Madras Veterinary College, Chennai (T.N.)** On 10th to 12th Nov 2022 and presented research paper entitled **Characterisation and molecular docking of Cathapsin B Cysteine proteinase a noval drug target for parasitic nematode *Trichenella spiralis***, which got selected and awarded by certificate in oral session

SYLLABUS FRAMING WORKSHOP ATTENDED: (03)

- Workshop on syllabus framing of T.Y.B.Sc. Zoology, Organized by Dept. of Zoology, J.E.T'S Z.B.Patil College, Dhule and B.O.S. Zoology, N.M. University, Jalgaon on 23 Feb, 2017.
- One day M.Sc I and II Practical Workshop of Zoology on the behalf of B.O.S., Zoology, K.B.C.N.M. University held at Poojya Sane Guruji Vidya Prasarak Mandels Arts Science and Commerce College, Shahada on 29th Nov 2018.
- T.Y.B.Sc. Zoology (C.B.C.S. Pattern) Syllabus Framing Workshop Organized By Dept. of Zoology, S.S.V.P.S. Science College, Dhule on 10th Feb. 2020

PAPER PUBLISHED IN JOURNALS: (36)

INTERNATIONAL, (35), NATIONAL, (01)

- ***S.B. Waghmare, G.H. Balde, S.S. Nanware and B.V. Jadhav (2008)*** : Nucleic Acids in the Cestode *Cotugnia* (Diamare, 1893) in *Gallus gallus domesticus*.
National Journal of Life Sciences, 5(3), 73-75. (ISSN: 092-995x).
- ***Govind H. Balde and S.S. Nanware, (2009)***: Survey of nematode parasites from edible birds in relation to ecological factors from Nanded region (M.S.).
Aqua. Vol. 10, No. 1, pp 69-72. (ISSN: 0972-2262)
- ***Govind H. Balde and S.S. Nanware (2009)***: Total glycogen content from *Ascaridia galli*.

Aqua. Vol. 10, No. 1, pp. 135-137. (ISSN: 0972-2262)

- **Govind H. Balde and S.S. Nanware, (2009):**Total protein, Nucleic Acids quantification of *Ascaridia galli*-A most Hazardous Non-Native poultry Nematode.

J. Natcon. Vol. 21, No.1, pp 59-62. (ISSN: 0970-5945).

- **Govind H. Balde, R.M. Dhondge and S.S. Nanware (2009)** : Glucose Metabolism and Lactic acid production in sheep Nematodes from Nanded (M.S.)

J.Natcon Vol.21 (1), 189-192. (ISSN: 0970-5945).

- **Govind H. Balde, S.B. Waghmare and S.S. Nanware (2009)**: Effect of *Bacopa Monnira* (Linn) Leaves extract on LDH of ovariectomised mice (*Mus musculus*).

J.Natcon Vol.21 (2) 307-311. (ISSN: 0970-5945).

- **Govind Balde, Sunita Shinde and Sanjay Nanware, (2009)**:Assay of activity levels of lipase in *Ascaridia galli*.

The Asia Jour. Of Ani. Sci., Vol. 4 (1), pp 49-50 . (ISSN: 0973-4791).

- **Govind Balde, Sunita Shinde and Sanjay Nanware, (2009)**:Quantitative estimation of cholesterol in *Ascaridia galli* parasitizing in fowl.

The Asia. Jour. Of Ani, Sci., Vol. 4 (1), pp 77-78 . (ISSN: 0973-4791).

- **Govind Balde, Arvind Harkal, Swati Kothole, Sunita Shinde and Sanjay Nanware, (2009)**:Studies on physical parameters of reservoir Purna district, Parbhani, M.S.The Asia. Jour. Of Ani, Sci., Vol. 4 (1), pp 105-108. (ISSN: 0973-4791).

- **S.S. Nanware, G.H. Balde and M.S. Kadam (2010)**: Collagen the Sex-based metabolic differentiation of Nematode Parasite.

The Ecotech Vol.2 (1) pp. 31-32. (ISSN: 0975-3877).

- **S.S. Nanware, G.H. Balde, M.S. Kadam and N.V. Sunnap (2010)**:Acid phosphatase activity in *Ascaridia galli*.

The Ecotech Vol. 2 (1) pp. 33-34. (ISSN: 0974-9063).

- **S.S. Nanware, G.H. Balde, M.S. Kadam and N.V. Sunnap (2010):** Assay of activity levels of LDH & SDH in both male and Female *Ascarida galli*, (Schrank, 1788), Freeborn, 1923, Parasitizing *Gallus gallus domesticus*.

The Biosphere Vol. 2 (1) pp. 10-12. (ISSN: 0975-3877).

- **S.S. Nanware, G.H. Balde, M.S. Kadam and N.V. Sunnap (2010):** Studies on free amino acids of *Ascaridia galli*, a poultry nematode parasite.

The Asia. Jour. Of Ani, Sci., Vol. 5 (1), pp 122-123. (ISSN: 0973-4791).

- **Sanjay Shamrao Nanware and Govind Hanmantrao Balde(2010):**Storage of free amino acids in *Ascaridiagalli*, a domestic fowl nematode parasite.

The BioscanJour.Vol.5(4) : pp 651-652. (ISSN: 0973-7049)

- **S. S.Nanware G. H. Balde , M.S.Kadam and N.V.Sunnap (2010):**Metabolic differentiation of substrates acetylcholine.

J.Natcon Vol.22 (2) 315-317. (ISSN: 0970-5945).

- **S.P.Chavan, M.S.Kadam, S.S.Nanware and G.H.Balde,(2010):** Differential blood cell count and haemoglobin analysis in two fresh water teleosts *Catla catla* and *Wallago attu*.

The Ecotech Vol. 2 (2) pp. 142-143. (ISSN: 0974-9063).

- **Bokhare V.G., M.S.Kadam, S.S.Nanware and G.H.Balde,(2010):** Toxicity evaluation of super phosphate on the fresh water crab *Barytelphusa guerini*.

The Ecotech Vol. 2 (2) pp.147-149. (ISSN: 0974-9063).

- **Sanjay S. Nanware and Govind H. Balde(2011):**Determination of glutamate dehydrogenase in *Ascaridia galli*, parasitizing *Gallus gallus domesticus*. Recent Research in Science and Technology, Vol.3(3): pp 09-10.(ISSN: 2076-5061).

- **Govind Hanmantrao Balde and Sanjay Shamrao Nanware (2011):**Quantitative aspect of phosphorylase (ab and a) in *Ascaridia galli* collected from the avian host *Gallus gallus domesticus*.

Recent Research in Science and Technology, Vol. 3(3):pp 11-13.(ISSN: 2076-5061).

- **Govind H. Balde and R. D. Barde (2011):** Status of cholesterol and lipase in *Ascaridia galli* nematode parasite parasitizing Domestic Fowl Host.

Recent Research in Science and Technology, Vol. 3(8):pp 44-46.(ISSN: 2076-5061).

- **Govind H. Balde and R. D. Barde (2011):**Investigation of phosphatases in *Ascaridia galli*, a Bird Nematode parasite. Recent Research in Science and Technology, Vol. 3(8):pp 47-49.(ISSN: 2076-5061).

- **R.S. Deshmukh, R.R. Rakh, S.M. Dalvi, A.M. Khole, G.H. Balde and S.S. Bodke (2011):** Genus *Lecanidion* from India, Recent Research in Science and Technology, Vol. 3(8):pp 34-36. (ISSN: 2076-5061).
- **Shaikh Afsar, Govind Balde and D.P. Jaiswal (2012):** NA+ K+ATPase post exposure recovery from Lead intoxicated freshwater fish *Anabus testudineus*. Jour. Of Exp. Science, Vol.3(8):pp 01-03. (ISSN:2218-1768).
- **Govind Hanmantrao Balde and J.C. Patil (2018):** Effect of seasonal variation on population dynamics of nematode parasite of domestic fowl from Nandurbar (M.S.), India. Jour. of Res. and Dev., Vol – 08, Special Issue -08. pp 165-166 (ISSN:2230-9578)
- **V.N. Rathod and Govind H. Balde (2019):** On the occurrence of *Baolbitis preslina* (FEE) ching. in Hiranyakeshi Hills, Amboli, Shyadri Hills Western Ghats, Maharashtra State, India, Review of Research, Vol 1, Issue 2, pp77-78 (ISSN:2249-894X)
- **Govind H. Balde, V.N. Rathod, V.D. Shinde and B.B. Mangale (2019):** Study on glucose and lactic acid production in sheep nematodes from Nandurbar, (M.S.), India, Review of Research, Vol 1, Issue 2, pp 88-91 (ISSN:2249-894X)
- **Govind Hanmantrao Balde (2019):** Studies on Morphologic Evaluation of *Ascaridia galli* from Nandurbar (M.S) India, Int. Jour. Life Sci., Special Issue A13, pp251-257 (ISSN:2320-964X)
- **Patil Jitendra C., Badgujar S.R, Jaiswal Deepchand P., Balde Govind H (2019) :** Assessment of Physical Parameters of Amravati Dam, Malpur Dist- Dhule (M.S) India, Int. Jour. Life Sci., Special Issue A13, pp71-77 (ISSN:2320-964X)
- **Jitendra Patil, Sandip Badgujar and Govind Balde (2021):** Studies On Antibacterial Activity of Different Extracts of *Azadirachta indica* and *Annona squamosa*. Int. Jour. For Inno. Res. In Mult. Field, Special Issue, 23, pp251-257 (ISSN:2455-0620)
- **Govind Balde, Jitendra Patil, Sandip Badgujar (2023):** Critical discussion on the impact of industry 5.0 on humans and ecology in stabilizing biodiversity, Int. Res. Jour. of Mod. in Eng. Tech and Sci., Vol 5(2), pp 53-65 (ISSN: 2582-5208)

- **Govind Balde, Prem Kumar Gautam, Sudhir Kumar Srivastava(2023):** An overview of chromatography, including its Fundamentals, classification, and practical uses, Int.Res. Jour.of Mod.in Eng.Tech and Sci.,Vol 5 (3),pp 644-649 (**ISSN: 2582-5208**)
- **Govind Balde, Sudhir Kumar Srivastava, Vikas Shinde(2023):** Global warming and its impact on the fisheries industry,Ind.Jour.of Appl.Res.,Vol 13 (4), pp 56-58 (**ISSN:2249-555X**)
- **Govind Hanmantrao Balde (2023):** A noval cell density prediction design using optimal deep learning with salp swarm algorithm. Pro.of the 7th Int.Conf.on Trend. In Ele.and Info.IEEE Xplore part no.CFP23J32-ART pp 921-926 (**ISBN:979-8-3503-9728-4**)
- **Govind Hanmantrao Balde (2023):** A noval method for categorizing brain tumors using the hybrid ALO-ELM model. Pro.of the 7th Int.Conf.on Trend. In Ele.and Info.IEEE Xplore part no.CFP23J32-ART pp 1467-1472 (**ISBN:979-8-3503-9728-4**)

Book published: (10)

1} Biological contamination of reservoir Purna District Parbhani

(A case study on safe drinking water)

(**ISBN:978-3-659-14146-1**)

Published by Lap Lambert Academic Publishing, Germany

2} **S.Y.B.Sc.**Text Book of Genetics,

(**ISBN 978-93-89944-18-1**),

National, Nirali Publication,Pune

3} **S.Y.B.Sc** Text Book of Evolutionary Biology,

(**ISBN 978-93-89944-14-3**),

National, Nirali Publication,Pune

4} **S.Y.B.Sc** Practical Book of Zoology,

(**ISBN 978-93-89944-14-3**),

National, Nirali Publication,Pune

5} **F.Y.B.Sc** Text Book of Grasshopper: The Non Chordate,

(**ISBN 978-93-5451798-3**), **National,**

Nirali Publication,Pune

6} **F.Y.B.Sc** Text Book of Invertebrate Zoology,

(ISBN 978-93-5451799-0),

National, Nirali Publication,Pune

7} **F.Y.B.Sc** Practical Book of Zoology ,

(ISBN 978-93-5451797-6),

National, Nirali Publication,Pune

8} Reference Book on Basics of Immunology,

(ISBN 978-93-5757-012-1)

National, Scientific International Publishing House

GOT AWARD FROM PUBLISHING HOUSE AS BEST BOOK AUTHOR

9} **F.Y.B.Sc** Text book of Vertebrate Zoology-General Characters of Chordates,

(978-81-19115-31-0),

National, Nirali Publication,Pune

10} **F.Y.B.Sc** Text Book of Vertebrate Zoology- Study of Frog,

(978-81-19115-30-3),

National, Nirali Publication,Pune

Book Chapter Contribution: 02 , Two

Environmental Problems Causes and Solutions, (ISBN: 978-16-39043-58-3),

Notion Press, India

Orientation / Refresher/ Research Methodology Course/ Workshop/ Syllabus Up-gradation Workshop/ Training Teaching-Learning-Evaluation, Technology Programs'/ Faculty Development Programs of at least one week (5 days) duration, or taken one MOOCs course (with e-certification) or development of e-contents in four-quadrants / MOOC's course

Sr. No	Name of the Course	Place	Duration	Sponsoring Agency
1	Orientation General	Lucknow (UP)	11/11/2013 to 09/12/2013 (4 Weeks)	UGC ASC University of Lucknow, UP
2	Refresher Course In Env. Studies	Chandigarh, Panjab	27/06/2015 to 17/07/2015 (2 Weeks)	UGC HRDC Panjab University, Chandigarh

3	Refresher Course In Environmental Science & Disaster Management	Ranchi, Jharkhand	12/09/2019 to 25/09/2019 (2 Weeks)	UGC Ranchi University, Ranchi, Jharkhand
4	Faculty Development Programme on Maneging online Classes & Co creating MOOCs	Ramanujan College, University of Delhi	20/04/2020 to 06/05/2020 (2 Weeks)	HRDC and PMMMNMTT,
5	FDP on I C T Tools For Effective Teaching –Learning (Zoology)	UGC-HRDC S.P.P.University,Pune	15/03/2021to 19/03/2021 (05 days) 30 contact hours	PMMMNMTT UGC-HRDC,S.P.P.University,Pune
6	Short Term Course Coastal Biodiversity	Rusa Sponsored Online Short Term Course	15/04/2021 to 21/04/2021 07 Days	UGC-HRDC, University of Mumbai
7	2 nd Online Short –Term Course On Soft Skill Development	2 nd Online Short – Term Course On Soft Skill Development	10/05/2021 to 16/05/2021 07 Days	UGC-HRDC, Gujarat University

C.A.S. Appointments held:

Sr. No	Designation	Name of Employer	Date of		Reason of leaving, if any	Service on grantable or non-grantable basis
			Joining	leaving		
1	Assistant Professor	NTVS's Gajmal Tulshiram Patil Arts, Commerce and Science College,NANDURBAR-425 412	8/07/2011	--	--	Grantable basis
2	Assistant Professor	NTVS's Gajmal Tulshiram Patil Arts, Commerce and Science College,NANDURBAR-425 412	18/07/2015	--	--	Grantable basis AGP(7000)
3	Assistant Professor	NTVS's Gajmal Tulshiram Patil Arts, Commerce and Science College,NANDURBAR-425 412	18/07/2020	--	--	Grantable basis AGP(8000)

3	Associate Professor	NTVS's Gajmal Tulshiram Patil Arts, Commerce and Science College, NANDURBAR-425 412	Due on 18/07/2023	--	--	Grantable basis Level 13 A AGP (9000) (131400-217100)
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Financial Assistance for Research Project Received

Sr.No	Title of project	Ref letter No.	Sanctioned Amount	Name of Principal Investigator
01	Biosystematic and biochemical evaluation of helminth fauna in sheep and goat from tribble district Nandurbar, (M.S.), India	KBCNM U/11A/V CRMS/Budget-2022-23/138/2023	01 lakh 30 thousand	Dr.G.H.Balde

Member on University and Academic Body

Sr.No.	Description	Worked As	Agency
01	Worked in Central Assessment Programme in college	Deputy Director (5 Years)	NTVS's Gajmal Tulshiram Patil Arts, Commerce and Science College, NANDURBAR - 425 412
02	Board of Studies in Zoology	Elected Member (Nov.2022-Aug.2027)	K.B.C.N.M.University, Jalgaon
03	Board of Examination in Zoology (Post Graduate)	Member	K.B.C.N.M.University, Jalgaon
03	Research Lab. Recognition Committee	Member 05/04/2023	K.B.C.N.M.University, Jalgaon
04	College Affiliation Committee	Member 24/04/2023	K.B.C.N.M.University, Jalgaon
05	Indian Science Congress Association	Life Member	Indian Science Congress Association, Kolkata
06	International Society of Zoological Sciences	Member (2017- 2019)	International Society of Zoological Sciences, China

07	College NAAC	Steering member for college NAAC	NTVS's Gajmal Tulshiram Patil Arts, Commerce and Science College, NANDURBAR - 425 412
08	Department of Higher and Tech. Edu. Govt. of Maharashtra and M.I.T.S.C. Jointly run Career Katta	Coordinator For year 20-21 and 21-22	NTVS's Gajmal Tulshiram Patil Arts, Commerce and Science College, NANDURBAR - 425 412

Current Status Ph.D. Enroll Students Information

Sr. No.	Name of registered Students	Name Of University Under which student is registered	Registration Number with Date of registration	Date of registration
1	Sandip Ravindra Badgujar	KBCNMUniversity, Jalgoan	KBCNMU/11/Ph.D./Zoo/1282/2022	14/10/2022
2	Kiran Kishorji Borse	KBCNMUniversity, Jalgoan	KBCNMU/11/Ph.D./Zoo/1279/2022	14/10/2022
3	Manda Bharat Gavali	KBCNMUniversity, Jalgoan	KBCNMU/11/Ph.D./Zoo/1278/2022	14/10/2022

Indian Patent File/Published: 06

- 1) Early Melanoma Skin Cancer Detection and Staging using AI and Machine Learning, **Published**
- 2) Implementation of Artificial Neural Network Techniques For Detection and Classification of Melanoma Skin Cancer Using Hybrid Texture Features, **Published**
- 3) IOT Based User-Friendly Lung Exerciser, **File**
- 4) AI Based Approach To Predict The Factors Responsible For Food Chain Through Uncertainty Modeling, **Published**
- 5) Design of Blood Sample Collection Vials With Display Unit, **File**
- 6) AI –Based approach to study the age associated alterations of brain mitochondria energetic. **Published**

United Kingdom Patent File/ Published: 01

- 1) IOT based Air Pollution Monitoring Device, **File**