

**Dr. Amol Shankarrao Thosar**  
**M.Sc.(Zoology) B.Ed. Ph. D.**  
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**M.Sc. Zoology (Parasitology)**

**JOB DISCRIPTION**

**Position:** Assistant professor

**Date of Appointment:** 28-02-2023

**Department:** Zoology and fishery science

**Post Graduation:** Zoology

**EDUCATIONAL QUALIFICATION**

Class	Year	Board/University	Percentage	Division
Ph.D.	2016	Dr.B.A.M.University Aurangabad	Awarded	By Thesis
M.Sc.(Zoology)	2009	Dr.B.A.M.University Aurangabad	64.67%.	I
B.Sc.	2005	Dr.B.A.M.University Aurangabad	66.07%	I
B.ed.	2007	Rashtrasant Tukadogi Maharaj Nagpur University	65.86%	I
H.S.C.	2002	Aurangabad	58.50 %.	II
S.S.C.	2000	Aurangabad	58.86 %.	II
MS-CIT	2005	Mumbai	83 %	I

**ACADEMIC ACHIEVEMENTS**

1. Awarded “**Dr. G.B. Shinde Gold Medal**”, instituted by Dr. B.V.Jadhav, Professor, Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
2. Awarded “**Syed Mehdi Ali Memorial Prize**”, instituted by Dr. G.B. Shinde, Ex. Registrar and Head, Department of Zoology, , Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
3. Awarded University fellowship (Two year- April-2014 to March-2016).
4. Awarded Best presentation in National Conference on, “ Modern Practices in Parasitological and Biological studies (NCMPPBS-2020)” organized by Yashwantrao Chavan Mahavidhyalaya, Tuljapur, Dist. Osmanabad from 11th March, 2020.

**RESEARCH TOPIC**

**Topic of Research:- “Studies on Diversity of Anoplocephalidean Cestodes from Sheep and Goats in Aurangabad district (M. S.) India”.**

**Research Guide:- Dr. S. N. Borde**

Professor  
Department of Zoology  
Dr. Babasaheb Ambedkar Marathwada University,  
Aurangabad.

- **Ph.D Notification: 7<sup>th</sup> November, 2016** (According to UGC (Minimum Standards and Procedure for the award of Ph.D. Degree Regulations 2009).

### TEACHING EXPERIENCE

1. One and a half year experience as a Contributory Lecturer in Zoology at Shree Muktanad Sr. College Gangapur. Since June 2009 – Dec.2010.
2. One year experience as a Contributory Lecturer in Zoology at Yeshwantrao Chavan College, Sillod. Since June 2013- March 2014.
3. Nine year experience as a contributory Lecturer in Zoology at Vivekanand College, Aurangabad. Since August 2014-27 Feb. 2023.

### BOOK PUBLICATION

1. Cestode Fauna- A Review (2022)- Kailas Publication, Aurangabad. ISBN-978-93-93623-16-4.
2. Cell Biology (2022)- Kailas Publication, Aurangabad. ISBN-978-93-93623-33-1
3. Animal Diversity-I (2022)- Kailas Publication, Aurangabad. ISBN-978-93-93623-35-5

### RESEARCH PAPERS PUBLICATION IN PEER REVISED NATIONAL/ INTERNATIONAL JOURNALS:-

1. Population Dynamics of *Uncibilocularis* Sp. (Southwell, 1925) in *Dasyatis walga* from Ratnagiri District (M.S.) India. Sandeep Anarse, **Amol Thosar**, Ravi Solunke and Sunita Borde. Role of Life Forms in Controlling Pollution, **2014**. P.No. 390-393. ISBN-978-93-83389-79-7. (Proceeding).
2. Reporting a New species of Caryophyllidean cestode from fresh water fish *Clarias batrachus* (Linneus, 1758) in Aurangabad district (M.S.) India. Sushil Jawale, Rahul Khawal, **Amol Thosar**, Sapna Lohat and Sunita Borde. Academic and Research Excellence in Animal Sciences. **2014**. P.No. 152-158. ISBN-978-93-81921-30-2. (Proceeding).
3. Some biochemical aspects of Anaplocephalidean Cestode Parasites in *Ovis bharal* (L.). **Amol Thosar**, Rahul Khawal, Sushil Jawale and Sunita Borde. *The Ecoscan*. Special issue, Vol. V:01-04:**2014**. ISBN-0974-0376. IF- 1.86
4. Morphological and molecular studies of *Moniezia* Sp. (Cestoda: Anoplocephalidea) a parasite of the domestic goat *Capra hircus* (L.) in Aurangabad district (M.S.), India. **Amol Thosar**, Ganesh Misal, Arun Gaware and Sunita Borde. Indian Journal of Applied Research. Vol.No. 5(8):10-14(**2015**). UGC Sr. No. 49333. IF-4.894
5. Morphological and molecular analysis of *Trichuris* species (Nematoda: Trichuridae) from *Capra hircus* (L.) in Aurangabad district (M.S.) India. Ganesh Misal, Sunita Borde, **Amol Thosar** and Sapna Lohat. International Journal of Scientific Research. Vol.No. 4(8): 36-39(**2015**). UGC Sr. No. 49217. IF-4.176.
6. Morphological and molecular characterization of *Senga*, Dollfus, 1934 (Cestoda: Ptychobothridae) from a fresh water fish in Aurangabad district (M.S.), India. Rahul Khawal, Sunita Borde Sushil Jawale and **Amol Thosar**. Paripex-Indian Journal of Research. Vol. No. 4(8): 74-78(**2015**). UGC Sr. No. 47432. IF-5.761.
7. Observation of Common External Parasites, Mites In Poultry And Flour Mill From Pune (M.S.) India. Vaishali Bansod, Sunita Borde, **Amol Thosar** And Swati Phadke *The Ecoscan*. Special issue-**2015**, PP.193-196. IF- 1.86
8. Redescription of *Lytocestus alli*, Jadhav, et.al., 1991 (Cestoda, Caryophyllaeidae) from catfish *Clarias batrachus* in Kham river district Aurangabad (M.S.), India. Rahul Khawal, Sunita Borde, **Amol Thosar** and Sushil Jawale. *The Ecoscan*. Vol. VII: 245-248. Special issue-**2015**. IF- 1.86
9. A taxonomic study of a new cestode *Cotugnia babai*, Sp. Nov. (Cestoda: Davaineidae) in *Columba livia* from Aurangabad district. Sambhaji Shinde, **Amol Thosar** and Rajesh Katyayani. *Scholars World*. Special issue-2016, pp. 11-17. ISSN(Print)-2319-5789 (Online)-2320-3145. IF-4.433.

10. On a new species of cestode parasite from marine water fish *Rhynchobatus djeddensis* in Ratnagiri district (M.S.) India. Sandeep Anarase, **Amol Thosar**, Sunita Borde, S.D. Ovhal and B.S. Khaire. Scholars World. Special issue-2016, pp. 36-40. ISSN(Print)-2319-5789 (Online)-2320-3145. IF-4.433.
11. Histopathological Study of *Mastacembelus Armatus* Infected With Cestode Parasite From Osmanabad District (M.S.) India. Asha Bidkar, **Amol Thosar**, Sunita Borde and Rahul Khawal. Decan Current Science. Vol. 16 No. 1: 147 – 150 (2017). ISSN No.- 0975-3044.
12. Rediscription of a species *Avitellina centripunctata*, Rivotto (1874) from *Capra hircus*, from Jalna district (M.S.) India. Arun Gaware, Sunita Borde and **Amol Thosar**. Indian Journal of Applied Research. Vol.No. 7(9):551-553(2017). UGC Sr. No. 49333. IF-4.894.
13. Diversity of Cestode parasites in Vertebrates from Marathwada region (M.S.) India. Sunita Borde, **Amol Thosar**, Sapna Lohat, Rahul Khawal and Sushil Jawale. International Journal of the Social Research Foundation. IIC-DESW 2017 Special Issue: Vol. No. II.: 276-283.
14. Morphological Analysis on Cestode Parasite from Large Grey Babbler in Bidar District, Karnataka, India. Sambhaji Shinde, **Amol Thosar** and R. K. Nimbalkar. International Journal for Research in Applied Science & Engineering Technology (IJRASET). ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887. Volume 5 Issue IX. September 2017. pp. : 1235-1239 UGC Sr. No. 44382.
15. On A New Species Of Cestode Parasite From Large Grey Babbler In Aurangabad District (M.S.) India. Sambhaji Shinde, **Amol Thosar** and R. K. Nimbalkar. Indian Journal of Applied Research. Vol.No. 7(10):596-598 (2017). UGC Sr. No. 49333. IF-4.894
16. Evaluation of Ptychobothridean cestodes using random amplified polymorphic DNA (RAPD) markers from fresh water fishes in godavari basin M. S., India. Sunita Borde, Asawari Fartade, **Amol Thosar** and Rahul Khawal. Flora and fauna (An international research journal of Biological sciences). Vol.23 No.2:461-467. ISSN-2456-9364(online), 0971-6920(print) (Dec.2017). NAAS Rating-4.55. UGC Sr. No. 17337.
17. A taxonomic study of a new cestode *Moniezia* (B) shilae, sp. Nov. (Cestoda: Anoplocephalidae) in *Capra hircus* (L.) from Aurangabad district. **Amol Thosar**, Asha Bidkar and Sunita Borde. Review of Research (Special issue). Volume-9, Issue-6. ISSN: 2249-839X. Impact Factor : 5.7631(UIF).
18. Biochemical study of the freshwater fish *Clarias batrachus* (L.) infected with cestode parasite, *Lytocetus* sp. from Aurangabad district (M.S.) India. Rahul Khawal, **Amol Thosar** and Sunita Borde. Global Journal for Research Analysis. Volume – 9 (12): 75-76. December - 2020 • Print ISSN No. 2277 – 8160.
19. A New Species of *Phyllodistomum* (Trematoda: Gorgoderidae, Looss, 1899) from freshwater fish *Wallago attu* in Akola district (M.S.) India. Ravi Khade, **Amol Thosar** and Sachin Tayade. Paripex-Indian Journal of Research. Vol. 10 (8),: 149-151. August-2021.
20. Molecular and Morphological Identification of Two Cestode Species Parasitizing Sheep and Goats in Aurangabad District (M.S.) India. Dr. Sunita Borde, Ashwini Bhosale and **Dr. Amol Thosar**. Nat. Volatiles & Essent. Oils, 2021; 8(4): 3225-3340.
21. Molecular and Morphological Identification of Cestodes Parasites from Goat in Aurangabad District (M.S.) India. Dr. Sunita Borde, Ashwini Bhosale and **Dr. Amol Thosar**. Jundishapur Journal of Microbiology. Vol. 15, No.1. 2022 January. Pp 758-768.
22. Biochemical estimation of the cestode parasite, *Moniezia* sp. from *Capra hircus* (L.) In Marathwada region (M.S.) India. Jivan Ingle, **Dr. Amol Thosar** and Dr. Venkat S. Hamde. Global Journal for Research Analysis. Volume – 11 (2): 30-31. Feb. 2022, Print ISSN No. 2277 – 8160.

23. Antibacterial activity of wheatgrass (*Triticum aestivum* (L.)) extract against different human pathogen. Dinesh Kasbe, Jivan Ingle, **Dr. Amol Thosar** and Hashmi S. J. Paripex-Indian Journal of Research. Vol. 11 (3),: 39-41. March-2022.
24. Study of biochemical components of cestode parasites from *Capra hircus* (L) in Solapur district (M.S), India. Asha Bhogil, Sunita Borde and **Amol Thosar**. Uttar Pradesh Journal of Zoology. 43(14):74-77, 2022. ISSN: 0256-971X.
25. Morphological and molecular phylogeny of Anoplocephalidean cestode parasite from *Capra hircus* (L.) in Solapur district (M.S.) India. Asha Bhogil, **Amol Thosar** and Sunita Borde. Journal of Pharmaceutical Negative Results. 13(6): 2577-2586. 2022, ISSN: Print -0976-9234, Online - 2229-7723.
26. Bacteriological analysis of vegetables sold in local market of Aurangabad. Rajesh Katyayani, Jivan Ingle and **Amol Thosar**. International Journal of Current Science. 12(4):398-400. ISSN-2250-1770.

#### **PARTICIPATION IN WORKSHOP / CONFERENCE / SEMINAR / SYMPOSIUM**

1. Attended the National Conference on, "Biodiversity and Physiology Of Aquatic Resources in Sustainable Development For Rural Livelihood" organized by at Department of Zoology Dr. B. A. M. University Aurangabad from October 24-25, 2009.
2. Attended the one day workshop on "Methodologies Of Teaching Zoology "organized by Department of zoology, Deogiri College, Aurangabad, at 20<sup>th</sup> Dec. 2009.
3. Attended the 20<sup>th</sup> All India Congress of Zoology, "National Seminar On Bioresources And Its Management For Food , Livelihood And Environmental Security ,National Helminthological Congress" Organized by 20<sup>th</sup> All India Congress of Zoology Central Institute of Fisheries Education Mumbai, at 29-31 Dec. 2009.
4. Attended the UGC Sponsored National conference on, "Biodiversity And Conservation Of Nature And Natural Resources(Ncbcnr-2010)" Organized by Department of Zoology D.B.F. Dayanand College of arts and science, Solapur at 29<sup>th</sup>-30<sup>th</sup> January 2010.
5. Attended the National Seminar on, "Emerging Trends In Biodiversity And Environment" Organized by Govt. of Maharashtra Department of Higher and Technical Education Institute of Science, Caves Road, Aurangabad at 26<sup>th</sup> Feb-2010.
6. Attended the one day Orientation cum Workshop on "Recent Research Techniques in Zoology" organized by Department of Zoology, Deogiri College, Aurangabad, at 5<sup>th</sup> Sept 2010.
7. Participated in the 98<sup>th</sup> Indian Science Congress held at SRM University, Chennai, from January 3 to 7, 2011.
8. Participated in the 99<sup>th</sup> Indian Science Congress held at KIIT University, Bhubaneswar, from January 3 to 7, 2012.
9. Attended the National Seminar on, "Recent Trends In Research On Faunistic Biodiversity And Life Processes For Sustainable Livelihood" Organized Department of Zoology, Lal Bahadur Shastri Sr. college, Partur in collaboration With Zoological Society of India, Bodh Gaya, from 7<sup>th</sup> and 8<sup>th</sup> Sept. 2012.
10. Attended the UGC Sponsored National conference on, "Ecostudies / Green Studies: Perspective from Literature, Life Science and Earth Science" Organized by Department of Zoology, Deogiri College, Aurangabad, from 2<sup>th</sup> and 3<sup>rd</sup> Feb. 2013.
11. Presented paper in National Seminar on "Innovation in Science and Technology for Inclusive Development" organized by ISCA, Aurangabad Chapter in association with Indian Society of Life Science, Kanpur and Dept. of Zoology, Dr. B.A.M. University, Aurangabad, From 25<sup>th</sup> and 26<sup>th</sup> March 2014.
12. Attended the Workshop on Statical Analysis organized by Vivekanad Arts, Sardar Dalipsingh commerce and Science college, Aurangabad at 11<sup>th</sup> Sep. 2014.

13. Presented paper in National Symposium on, "Academic and Research Excellence in Animal Sciences AREAS 2014" organized by Post graduate Department of Zoology, S. N. Arts, D.J.M. Commerce and B.N.S. Science college Sangamner Dist- Ahmednagar, from 26<sup>th</sup> and 27<sup>th</sup> Sep. 2014.
14. Presented paper in National seminar on, "Harmony With nature in context of Environmental issue and challenges of the 21<sup>st</sup> century" organized by department of Environmental sciences, faculty of earth sciences, Mohan Lal Sukhadia University, Udaipur (Raj.) in association with National Environmentalalist Association, Ranchi (Jharkhand), India From 28-30 Nov. 2014.
15. Presented paper in Pre-ISCA 2014 conference on Science and technology for Human development organized by ISCA- Aurangabad chapter Dr B. A. M. University, Aurangabad-431004.
16. Presented paper in 102<sup>th</sup> Indian Science Congress held at Mumbai University, Mumbai, from January 3 to 7, 2015.
17. Presented paper in National seminar on, "Harmony with Nature in context of Bioresources and Environmental Health" organized by Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad from 23-25 November 2015.
18. Presented paper in 103<sup>th</sup> Indian Science Congress held at Mysore University, Mysore, from January 3 to 7, 2016.
19. Attended and participated in the " Two days interactive workshop of students, farmers and scientists on Sericulture Technologies" organized by Department of Zoology, Dr. B.A.M.U. Aurangabad and Department of Zoology, Dr. Rafiq Zakiria college for women, Aurangabad in collaboration with District sericulture office, Government of Maharashtra, Aurangabad during 29-30 January 2016 on the farm of Mr. T. A. Bhople At. Dongargaon Tq-Phulambri Dist. Aurangabad.
20. Attended and Participated National Science day celebration organised by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad during February 27-28, 2016.
21. Presented paper in International Conference on Functional Eco-friendly Smart Emerging Materials (FESEM-2016) organized by Baburaoji Gholap College, Sangvi, Pune from 10-12<sup>th</sup> March 2016.
22. Attended Rashtriya Uchchatar Shishka Abhiyan, Maharashtra (RUSA) in Collaboration with Rajiv Gandhi National Institute of Intellectual Property Management (RGNIPM), Nagpur Dr. Ambedkar Marathwada University, Aurangabad organized One day workshop on , " Intellectual Property Rights (IPR)" (Theme: Indian patenting and filling Procedure) on Monday, 22<sup>nd</sup> August, 2016.
23. Presented paper in National seminar on, "Harmony with Nature in context of Resources Conservation and Climate change" organized by Department of Zoology, Botany, Biotechnology and Geology, Vinoba Bhave University, Hazaribagh (Jharkhand) in collaboration with NEO, India from 22-24 October 2016.
24. Presented paper in State level Seminar On "Recent Trends in Biodiversity and Wildlife Management (RTBWM-2016)" organised by Department of Zoology K.A.A.N.M. Sonawane Art's, Commerce and Science college, Satana on 16<sup>th</sup> and 17<sup>th</sup> December, 2016.
25. Attended "Training Programme on Awareness of Scopus and Indian Citation Index" organised by Knowledge Resource Centre (University Library), held at Dr. Babasaheb Ambedkar Marathwada University Aurangabad, Maharashtra on 22<sup>nd</sup> December 2016.
26. Presented paper in 104<sup>th</sup> Indian Science Congress held at S. V. University, Tirupati, from January 3 to 7, 2017.
27. Presented paper in National Symposium on, "Emerging Perspective in Parasitology Research(EPPR:2017)" organized by Department of Zoology, Yeshwantrao Chavan College of Arts, Commerce and Science, Sillod Dist. Aurangabad during 20<sup>th</sup> and 21<sup>st</sup> January 2017.

28. Presented paper in International Conference on, “Environment and Ecology (ICEE 2017)” organized by Department of Botany, St. Xavier’s college Ranchi during 27<sup>th</sup>- 29<sup>th</sup> March 2017.
29. Attending one day training programme titled. “Technical Advances in research of life sciences Flowcytometry” organized by Institute of Applied Biological Research and Development, Pune on 4<sup>th</sup> August 2018.
30. Presented paper in 106<sup>th</sup> Indian Science Congress held at Lovely Professional University, Phagwara, Jalandhar from January 3 to 7, 2019.
31. Presented paper in National conference on, “Innovative Research in Science and Technology” organized by R. B. Attal Arts, Science and Commerce college, Georai Tq. Georai Dist. Beed on 16<sup>th</sup> February 2019.
32. Presented paper in 107<sup>th</sup> Indian Science Congress held at University of Agricultural Sciences, Bangalore from January 3 to 7, 2020.
33. Presented paper in National Conference on, “ Modern Practices in Parasitological and Biological studies (NCMPPBS-2020)” organized by Yashwantrao Chavan Mahavidhyalaya, Tuljapur, Dist. Osmanabad from 11<sup>th</sup> March, 2020.
34. Presented paper in 108<sup>th</sup> Indian Science Congress held at R.T.M. Nagpur University, Nagpur from January 3 to 7, 2022.
35. Presented paper in National Conference on “Animal Physiology, Ecology and Symposium in Advances in Parasitology” organized by Department of Zoology, Dr. B. A. M. University, Aurangabad from 27 to 28 January, 2023.

#### **FACULTY DEVELOPMENT PROGRAM**

1. FDP on “How to publish research paper in top tier international journal” organized by IMS Ghaziabad from May 26 – may 30, 2020.
2. One week FDP on, “Modern teaching, Evaluation and Research methods” Under UGC scheme Stride component-I organized by Vinayakrao Patil Mahavidhyalaya, Vaijapur, Dist. Aurangabad from June 2 – June7, 2020.
3. One week FDP on, “Open Source Tools for Research” organized by teaching training centre Ramanujan College, University of Delhi sponsored by Ministry of HRD Pandit Madan Mohan Malaviya National mission on teachers and teaching from June 08 - June 14, 2020.
4. One week FDP on, “Empowerment through digital technology and E- Learning Methodologies” organized by the Department of Electrical and electronics Engineering, Noida Institute of Engineering and Technology, Greater Noida from 7-12<sup>th</sup> July 2020.

#### **EXTRA RESEARCH ACTIVITY**

1. **Associate editors** of “**Review of Research**” Journal. ISSN: 2249-839X. Impact Factor: 5.7631(UIF).
2. Worked as an **Understudy/IT Co-ordinator** for the university exam conducted in the academic year 2020-21 at Vivekanand Arts, Sardar Dalipsingh commerce and Science, College, Aurangabad.
3. National webinar on, “**Biological Research, Techniques and Opportunities**” organized by Department of Zoology, Vivekanand College, Aurangabad on Dated 30<sup>th</sup> August 2021 work as a **Convener**.
4. Worked as an IGNOU Academic Counselor.
5. Worked as an External examiner in university examination.
6. Life member of Indian Science Congress Association.

**GUEST LECTURERS DELIVERED**

<b>Sr. No.</b>	<b>Place</b>	<b>Topic</b>	<b>Date</b>
<b>1</b>	Tarai Arts and Science College, Paithan	Parasitic adaptation in fishes	26 <sup>th</sup> Feb. 2018
<b>2</b>	Rastriya Arts, Commerce and Science College, Hatnur Tq. Kannad	Central dogma and protein synthesis	15 <sup>th</sup> Dec. 2018
<b>3</b>	Tarai Arts and Science College, Paithan	Diversity of cestode parasites in fresh water fishes	07 <sup>th</sup> Feb. 2019
<b>4</b>	Shri Sant Savata Mali College, Phulambri	Mendel's Law of inheritance	22 <sup>nd</sup> Feb. 2023