

Personal Report 2018-19
Dr. Atigre Rajaram Hindurao

1. AWARDS and FELICITATIONS: -

- I. Honoured with “Best Teacher Award” by Lions International’s, ‘Lions Club of Kolhapur’ on 22nd October 2016
- II. Felicitated by Vadgaon Municipal Corporation for obtaining Ph. D. Degree in Zoology on Friday, 26- 01- 2018

2. RESEARCH PUBLICATION: -

- I. Bakare R. V., **R. H. Atigre** and S. R. Patil (2012), “Biodiversity of free living fresh water Protozoans in lentic and lotic ecosystems around Wai, Dist. Satara, MS, India.” International journal ‘World Genius’ Volume-1, Issue-2, Pp 31-35, ISSN NO. 2277-8381
- II. **Atigre R. H.** and S. R. Patil (2012), “Hydrography of Bhoose MI water tank, Bhoose, Dist. Sangli, MS, India.” ‘Thematics Journal of Zoology’, Volume-1, Issue-3, Pp 15-17, ISSN NO. 2277-2960.
- III. **Atigre R. H.**, S. R. Patil and C. B. Mane (2012), “Seasonal Variations in Some Physical Parameters of Bhoose MI Water Tank, Bhoose, Dist. Sangli, M.S, India” ‘Journal of Science Information’ Volume-3, Issue-1, Pp 64-67, ISSN NO. 2229-5836.
- IV. Patil Sarjerao R., **R. H. Atigre** and S. V. Patil (2012), “First record of Mugger crocodile *Crocodylus palustris* (Lesson, 1831) from river Kadavi at Sarud, Tal Shahuwadi, Dist. Kolhapur, MS, India.” ‘International Proceedings of CBEES’s Agriculture and Animal Science’, organized by Chemical, Biological and Environmental Engineering Society, Hong Kong at Bangkok, Thailand, Volume-47 Pp 100-104, ISSN NO. 2010-4618.

- V. Mane C. B. and **R. H. Atigre** (2012), "Role of Ionic Liquids in Green Chemistry" 'Counter-View' Volume-1, Issue-4, Pp 72-76, ISSN NO. 2277-775X.
- VI. **Atigre R. H.** and S. R. Patil (2013), "Occurance of Crocodile *Crocodylus palustris* (Lesson, 1831) in river Warana at Kodoli, Tal, Panhala, Dist. Kolhapur, MS, India." 'Proceedings of National seminar on Biodiversity and Biotechnology' organized by Arts, Science and Commerce College, Ramanandnagar (Burli), Pp 64-71
- VII. **Atigre Rajaram H.** and Sarjerao R. Patil (2013), "Counting of probable Basking Sites of Crocodile *Crocodylus palustris* (Lesson, 1831) from Warana basin, Western Maharashtra, India" Proceedings of National conference on 'Environment and Biodiversity: Challenges, Conservation and Preservation' organized by Dr. Patangrao Kadam Mahavidyalaya, Sangli Pp 92-106, ISBN 978-81-925021-1-3.
- VIII. **Atigre R. H.,** R. R. Atigre and N. N. Bargale (2014), "Women Empowerment Challenges and Strategies" Proceeding of National Conference on 'Changing Phases in Women Empowerment' organized by Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon Pp 108-110, ISBN 978-93-82028-26-0.
- IX. **Atigre Rajaram H.,** Sarjerao R. Patil and Mohan G. Babare (2015) "Counting of Probable Basking Sites of Mugger Crocodile *Crocodylus Palustris* (Lesson, 1831) From Warana Basin, Western Maharashtra, India" 'Reptile Rap', Vol. 17 Pp 27-29 ISSN 2230-7079.
- X. **Atigre R. H.,** S. R. Patil and M. G. Babare (2015), "Crocodile-Animal Conflict and Threats to crocodile population From Warana Basin, Western Maharashtra, India" 'Research Express', Vol. 2, Issue 7, Pp 30-41 ISSN 2395-3756
- XI. **Atigre R. H.,** S. R. Patil and M. G. Babare (2015), "Counting of crocodile *Crocodylus palustris* (Lesson, 1831) by two methods-Daylight Ground Counts and Night Counts from Warana basin, Western Maharashtra,

India”, ‘Journal of Science Information’ Vol. 6, Issue 1, Pp 1-12, ISSN 2229-5836

- XII. **Atigre R. H.**, Atigre R. R. (2015), “Human Rights of Persons with Disabilities: Historical overview” Proceedings of ‘National Conference on Human Rights Education and Indian Scenario’ organized by Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon Pp 166-174 ISBN 978-81-927211-9-1
- XIII. **Atigre R. H.**, S. R. Patil and M. G. Babare (2018), “Crocodile of Warana basin, Maharashtra, India: Threats to population and strategies for protection and conservation” ‘IRFA’s Research Journey’ Multidisciplinary International E-Research Journal, Special Vol. XLV, Pp 20-24 ISSN 2348-7143
- XIV. **Atigre, R. H.**, S. R. Patil, and M. G. Babare (2018)- “Occurrence of nest of crocodile *Crocodylus palustris* in Kadavi River at Sarud, Tal-Shahuwadi, Dist-Kolhapur, MS, India” Electronic International Interdisciplinary Research Journal, Vol. VII, Issue XII, Pp – 393-397, ISSN 2277-8721
- XV. Sonali Pawar, S. V. Maske and **R. H. Atigre** (2018)- “Diversity of Butterflies from Peth Vadgaon and Adjacent area of Kolhapur district” Electronic International Interdisciplinary Research Journal, Vol. VII, Issue XII, Pp – 378-381, ISSN 2277-8721
- XVI. **Atigre, R. H.**, (2018) - "Crocodiles of river Krishna: impact on agriculture, economy, and the sociology of human population in Sangli, Maharashtra, India" Journal of Threatened Taxa, Vol. 10. No. 11, Pp - 12571-12576, ISSN 0974-7907 (Online) | ISSN 0974-7893 (Print)
- a) Citations - 03
 - b) H-index - 01
 - c) i 10 index - Nil

3. ABSTRACTS PUBLISHED

- I. Atigre R. H. and S. R. Patil “*Crocodylus palustris* in the river Kadavi at Sarud, tal- Shahuwadi, Dist-Kolhapur, M. S. India- Nesting biology” **“Trends**

in Applied Zoology, Environment and Biotechnology' held on 5 & 6 Jan. 2009 at Balasaheb Desai College, Patan.

- II. Atigre R. H. and S. R. Patil "*Crocodilus palustris* in the river Kadavi at Sarud, tal- Shahuwadi, Dist-Kolhapur, M. S. India- Nesting biology" '**Advances in Biosciences; From Darwin to Dolly and Beyond**' held on 12 to 14 February 2009 at Yashwant Mahavidyalaya, Nanded.
- III. Atigre R. H. and S. R. Patil "Occurance of Crocodile *Crocodylus palustris* (Lesson, 1831) in river Warana at Kodoli, Tal, Panhala, Dist. Kolhapur, MS, India." '**National seminar on Biodiversity and Biotechnology**' organized by Arts, Science and Commerce College, Ramanandnagar (Burli), on 8-02-2013.
- IV. Atigre R. H. and S. R. Patil "'Studies on the Nesting Biology of Crocodile *Crocodilus Palustris* in River Warana at Khochi, Tal-Hatkanangale, Dist-Kolhapur, M.S., India." '**International Conference on Biosciences with special reference to Environmental Issues**' organized by Dept. of Zoology, Shivaji University, Kolhapur during 19 to 21 December 2013.
- V. Atigre R. H., S. R. Patil and M. G. Babare, "Counting Of Probable Basking Sites Of Crocodile *Crocodylus Palustris* (Lesson, 1831) From Warana Basin, Western Maharashtra, India" '**National Conference on Recent Trends in Life Sciences**' organized by Dept. of Botany and Zoology, Jaysingpur College, Jaysingpur on 7th February 2015.

4. BOOKS PUBLISHED: -

- I. Text Book of Zoology, B. Sc. I, Sem II, Paper III, Nirali Publication, Pune, Co-Author
- II. Text Book of Zoology, B. Sc. I, Sem II, Paper IV, Nirali Publication, Pune, Co-Author

5. ARTICALS PUBLISHED

- I. **Atigre R. H.** (2011), "Courtship behaviour in Birds", 'Concepts in Basic Sciences' Proceedings of Inspire Internship Programme, organized by Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon Pp101-104
- II. **Atigre R. H.** and S. R. Patil (2014), "Vermitechnology: Changing Scenario of Composting Waste", 'Recent Advances in Zoology Research' Vol. 1, Published by Wizcraft Publications & Distribution Pvt. Ltd., Solapur, Pp 82-83, ISBN 978-93-83183-61-6

6. BOOKS EDITED AND REVIEWED

- I. **Editor** - 'Concepts in Basic Sciences' published by Shri Vijaysinha Yadav Arts and Science College Peth vadgaon, Dist-Kolhapur. / Mr. Shivajirao Patil, Bhadole, Kolhapur, ISBN 978-81-906689-5-8.
- II. **Editor and Reviewer** - 'Changing Phases in Women Empowerment' a proceeding of UGC sponsored national conference-published by Mr. Anil Mhamane, Nirmiti Sanwad Publication Pvt. Ltd., Kolhapur, with ISBN 978-93-82028-26-0.

7. SEMINARS / CONFERENCES / WORKSHOPS ATTENDED & PAPERS PRESENTED

- I. Atigre R. H. and S. R. Patil "*Crocodylus palustris* in the river Kadavi at Sarud, tal- Shahuwadi, Dist-Kolhapur, M. S. India- Nesting biology" '**Trends in Applied Zoology, Environment and Biotechnology**' held on 5 & 6 Jan. 2009 at Balasaheb Desai College, Patan.
- II. Atigre R. H. and S. R. Patil "*Crocodylus palustris* in the river Kadavi at Sarud, tal- Shahuwadi, Dist-Kolhapur, M. S. India- Nesting biology" '**Advances in Biosciences; From Darwin to Dolly and Beyond**' held on 12 to 14 February 2009 at Yashwant Mahavidyalaya, Nanded.
- III. Atigre R. H. S. V. Patil and S. R. Patil "First record of Mugger Crocodile *Crocodylus palustris* (Lesson, 1831) from river Kadavi at Sarud, tal- Shahuwadi, Dist-Kolhapur, M. S. India", '**National seminar on Impact of**

- Wetlands on Fisheries and Agricultural Productivity'**, organized by Padmabhushan Vasantdada Patil College Tasgaon on 17 and 18-12-2009.
- IV. S. R. Patil, Atigre R. H. and S. V. Patil, "First record of Mugger Crocodile *Crocodylus palustris* (Lesson, 1831) from river Kadavi at Sarud, tal-Shahuwadi, Dist-Kolhapur, M. S. India", '**Agriculture and Animal Sciences (CAAS 2012)**' held on 24 to 25 November 2012 at Bangkok, Thailand.
- V. Atigre R. H. and S. R. Patil "Occurance of Crocodile *Crocodylus palustris* (Lesson, 1831) in river Warana at Kodoli, Tal, Panhala, Dist. Kolhapur, MS, India." '**National seminar on Biodiversity and Biotechnology**' organized by Arts, Science and Commerce College, Ramanandnagar (Burli), on 8-02-2013.
- VI. Atigre R. H. and S. R. Patil "Studies on the Nesting Biology of Crocodile *Crocodylus Palustris* in River Warana at Khochi, Tal-Hatkanangale, Dist-Kolhapur, M.S., India." '**International Conference on Biosciences with special reference to Environmental Issues**' organized by Dept. of Zoology, Shivaji University, Kolhapur during 19 to 21 December 2013.
- VII. Atigre R. H., S. R. Patil and M. G. Babare, "Crocodile-Animal conflict and threats to Crocodile population from Warana basin, Western Maharashtra, India" '**National Workshop on Taxonomy and Conservation of Herpetofauna**' organized by Dept. of Zoology, Balasaheb Desai college, Patan and Indian Herpetological Society, Pune during 27 to 30 September 2014.
- VIII. Atigre R. H., S. R. Patil and M. G. Babare, "Counting Of Probable Basking Sites Of Crocodile *Crocodylus Palustris* (Lesson, 1831) From Warana Basin, Western Maharashtra, India" '**National Conference on Recent Trends in Life Sciences**' organized by Dept. of Botany and Zoology, Jaysingpur College, Jaysingpur on 7th February 2015.

- IX. Atigre R. H., S. R. Patil and M. G. Babare, "Crocodile-Animal conflict and threats to Crocodile population from Warana basin, Western Maharashtra, India" '**International Conference on Emerging Trends in Basic and Applied Sciences**' organized by Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti on 10th March 2015.
- X. Atigre R. H., S. R. Patil and M. G. Babare, "Counting Of Probable Basking Sites Of Crocodile *Crocodylus Palustris* (Lesson, 1831) From Warana Basin, Western Maharashtra, India" '**National Conference on Biodiversity, Climate Change and Sustainable Development**' organized by Krantisinha Nana Patil College, Walwe on 29th and 30th August 2015.
- XI. Atigre R. H., S. R. Patil and M. G. Babare, "Crocodiles of Warana basin, Maharashtra, India: Threats to population and strategies for protection and conservation" '**Resource Management and Sustainable Development in India**' organized by Shri Vijaysinha Yadav arts and Science College, Peth vadgaon on 18th and 19th December 2015
- XII. Atigre R. H. and R. R. Atigre, "Human Rights of Persons with Disabilities: Historical overview" '**Human Rights Education and Indian Scenario**', organized by Shri Vijaysinha Yadav Arts and Science College Peth Vadgaon on 26th to 27th February 2016.
- XIII. Atigre R. H. "Estimation of population size of Crocodile *Crocodylus palustris* (Lesson, 1831) from two incomplete survey methods-Daylight Ground Counts and Night Counts" '**24th Working meeting of IUCN SSC's Crocodile Specialist Group**' organized at Kruger National Park, Skukuza, South Africa on 22nd to 26th May 2016.
- XIV. Atigre R. H., S. R. Patil and M. G. Babare, "Crocodile-Animal conflict and threats to Crocodile population from Warana basin, Western Maharashtra, India", '**National Conference on Emerging Trends and Classics in Life Sciences**' organized by Yashwantrao Chavan Warana Mahavidyalaya, Warananagar, Dist Kolhapur on 28th January 2017

- XV. Atigre R. H., S. R. Patil and M. G. Babare, "Occurrence of Nest of Crocodile *Crocodylus palustris* in River Kadavi at Sarud, Tal-Shahuwadi, Dist-Kolhapur, MS, India", '**International Conference on Advanced Research in Life Sciences**' organized by Sadguru Gadge Maharaj College, Karad Dist Satara on 27th and 28th March 2018
- XVI. Atigre R. H., S. R. Patil and M. G. Babare, "Counting Of Probable Basking Sites Of Crocodile *Crocodylus Palustris* (Lesson, 1831) From Warana Basin, Western Maharashtra, India" National Conference on '**Innovative Approaches in Pure and Applied Sciences**' organized by Bhogawati Mahavidyalaya, Kurukali, Dist Kolhapur on 7th February 2019

8. SEMINAR/CONFERENCES/WORKSHOPS ORGANIZED

- I. Five days **INSPIRE-Internship Programme 2011** funded by Dept. of Science and Technology, New Delhi and organized by Shri Vijaysinha Yadav Arts and Science College Peth Vadgaon on 26th to 30th Dec. 2011, **Organizing Committee Member**
- II. **Twentieth annual conference on 'Applicable mathematics and students carnival'** organized by Shri Vijaysinha Yadav arts and Science College, Peth vadgaon on 8th and 9th February 2013, **Organizing Committee Member**
- III. Five days **Celebration of Ramanujan-Chandrasekhar Legacy in Science 2014**, programme funded by Department of Science and Technology, New Delhi and organized by Shri Vijaysinha Yadav Arts and Science College Peth Vadgaon during 27th to 31st January 2014, **Organizing Secretary**
- IV. One day state level training programme on "**Human Rights: Importance, Need and Challenges**" sponsored by National human right commission, New Delhi and organized by Shri Vijaysinha Yadav Arts and Science College Peth Vadgaon on 7th February 2014, **Organizing Committee Member**

- V. One day workshop on **'Revised syllabus of B. Sc. II Mathematics, Sem III, Paper V and VI'** organized by Shri Vijaysinha Yadav arts and Science College, Peth vadgaon on 5th August 2014, **Organizing Committee Member**
- VI. Two days **National Conference on Changing Phases in Women Empowerment** organized by Shri Vijaysinha Yadav Arts and Science College Peth Vadgaon on 13th and 14th October 2014, **Organizing Committee Member**
- VII. One day workshop on **'Revised syllabus of B. Sc. III Mathematics, Sem V, Paper IX, X, XI and XII'** organized by Shri Vijaysinha Yadav arts and Science College, Peth vadgaon on 20th August 2015, **Organizing Committee Member**
- VIII. National conference on **'Resource Management and Sustainable Development in India'** organized by Shri Vijaysinha Yadav arts and Science College, Peth vadgaon on 18th and 19th December 2015, **Organizing Committee Member**
- IX. Two days National Conference on **'Human Rights Education and Indian Scenario'**, organized by Shri Vijaysinha Yadav Arts and Science College Peth Vadgaon on 26th to 27th February 2016, **Treasurer**
- X. One day workshop on **'Revised syllabus at B. Sc. I (CBCS) Mathematics, Sem I, Paper I, and II'** organized by Shri Vijaysinha Yadav arts and Science College, Peth vadgaon on 11th August 2018, **Organizing Committee Member**
- XI. Shivaji University District Level **Avishkar Research Project Competition 2018-19**, organized by Shri Vijaysinha Yadav arts and Science College, Peth vadgaon on 27th December 2018, **Coordinator, Category VI-Pharmacy and Medicine**
- XII. One day state level **Teachers Training Workshop on Climate Change and Sustainable Development Goals for safer planet and a sustainable future**, organized by Department of Zoology, Shri

Vijaysinha Yadav arts and Science College, Peth Vadgaon on 12th January 2019, **Convenor**

9. RESEARCH PROJECTS COMPLETED

- **Title** - “Studies on occurrence, basking and nesting of crocodile *Crocodylus palustris* (Lesson 1831) from river Krishna – Junekhed to Sangli (Krishna-Warana confluence) segment”
- **Funding Agency:** - UGC, WRO, Pune,
- **Sanctioned Amount:** - Rs. 2.45 Lakh
- **Duration:** - 2 Years (May 2015 to April 2017).

10. LECTURE DELIVERED

- I. Topic - “Career Opportunities after B. Sc.” at Deshbhakt Anandrao, Balwantrao Naik Arts and Science, College, Chikhali, Event - ‘One Day workshop on Career Opportunities after B. Sc.’ on 16 August 2010.
- II. Topic - “Research Opportunities in Life Sciences” at Deshbhakt Anandrao, Balwantrao Naik Arts and Science, College, Chikhali, Event - ‘One Day workshop on Research Opportunities in Life Sciences.’ on 03 December 2010
- III. Topic - “Environmental Conservation” at Arunodaya Housing Society, Rajendranagar, Kolhapur, Event - ‘Environment awareness camp’ organized by Lions club, Kolhapur on 23 October 2012.
- IV. Topic - “Methods of study for Board examinations of Xth and XIIth Standards” at Jantara High school and A. N. Nandrekar Jr. College, Jaysingpur on 11 December 2012.
- V. Topic - “Save Water-Save Life” at Arunodaya Housing Society, Rajendranagar, Kolhapur, Event - ‘Natural Resources Conservation programme’ organized by Lions club, Kolhapur on 10 February 2013.
- VI. Topic - “Green House Effect and Environment” Event - ‘Nature training camp’ jointly organized by Vasundhara ECRO, Warananagar and DABN arts and science college, Chikhali, Tal Shirala, Dist Sangli at Amba, Tal Shahuwadi, Dist Kolhapur on 16 February 2013.

- VII. Topic - "Modern Research in Diversity of Animals" Event - One day workshop on 'Recent Trends in Zoology' at DABN arts and science college, Chikhali, Tal Shirala, Dist Sangli on 07 March 2015.
- VIII. Topic - "Modern Research in Diversity of Animals" Event - Wild life week celebration' at Bhogawati Mahavidyalaya, Kurukali, Dist. Kolhapur on 07 October 2016.
- IX. Topic - "Study of Biology for Board examinations of XIIth Standard" at Raosaheb Anna Kitturkar Jr. College, Gadhinglaj, Dist. Kolhapur on 30 January 2017.
- X. Topic - "Uses and disuses of Social media- Whatsapp, Facebook" at N. S. S. Residential camp, Minache of Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon on 06 January 2018.
- XI. Topic - "Application of Sericulture for Rural Youth" Event - Certificate course in Sericulture' at DABN arts and science college, Chikhali, Tal Shirala, Dist Sangli on 16 March 2018
- XII. Topic - "Career Opportunities in Life Sciences" at Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur on 04 August 2018
- XIII. Topic - "Intellectual games" at N. S. S. Residential camp, Minache of Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon on 21 January 2019.

11. CO-CURRICULAR, EXTENSION ACTIVITIES

- I. Three days **Entrepreneurship Awareness Camp 2010-11** organized by Shri Vijaysinha Yadav Arts and Science College Peth Vadgaon and sponsored by Entrepreneurship Development Institute of India (EDII), Ahemadabad on 02nd to 04th Sept. 2010, **Organizing Committee Member**
- II. Three days **Entrepreneurship Awareness Camp 2011-12** organized by Shri Vijaysinha Yadav Arts and Science College Peth Vadgaon and

- sponsored by Entrepreneurship Development Institute of India (EDII),
Ahmedabad on 10th to 12th Jan. 2012, **Treasurer**
- III. Three days **Entrepreneurship Awareness Camp 2012-13** organized
by Shri Vijaysinha Yadav Arts and Science College Peth Vadgaon and
sponsored by Entrepreneurship Development Institute of India (EDII),
Ahmedabad on 13th to 15th Dec. 2012, **Treasurer**
- IV. Three days **Entrepreneurship Awareness Camp 2013-14** organized
by Shri Vijaysinha Yadav Arts and Science College Peth Vadgaon and
sponsored by Entrepreneurship Development Institute of India (EDII),
Ahmedabad on 24th to 26th October 2013, **Organizing Committee
Member**
- V. Three days **Entrepreneurship Awareness Camp 2014-15**, organized
by Shri Vijaysinha Yadav Arts and Science College Peth Vadgaon and
sponsored by Entrepreneurship Development Institute of India (EDII),
Ahmedabad on 13th to 15th January 2015, **Organizing Committee
Member**
- VI. Three days **Entrepreneurship Awareness Camp 2015-16** organized
by Shri Vijaysinha Yadav Arts and Science College Peth Vadgaon and
sponsored by Entrepreneurship Development Institute of India (EDII),
Ahmedabad on 31st December 2015 to 02nd January 2016, **Organizing
Committee Member**

12. SOCIAL ACTIVITIES: -

- I. Conducted 'Blood Group Detection Camp' in N. S. S. Camp at Khochi on
25 December 2012, in collaboration with Lions Clubs International's,
Lions Club of Kolhapur (Club No. 26430).
- II. Conducted 'Ganesh Festival – Waste collection' at Ganesh Tank, Peth
Vadgaon, Tal- Hatkanangale, Dist. Kolhapur on 04 September 2014,
organized by N. S. S. Department and Vijay Nature Club of Shri
Vijaysinha Yadav arts and science college Peth Vadgaon in

collaboration with Lions Clubs International's, Lions Club of Kolhapur (Club No. 26430).

- III. Participated in arrangement of 'State level sports competition for blinds' organized by the Lions Clubs International's (District 323 D 1) in association with National Association for Blinds (NAB), District branch Kolhapur during 11 to 13 January 2017 at Police Ground, Kasaba Bawada, Kolhapur.