

CURRICULUM VITAE



Name : **Dr. JYOTI ASHOK CHAVAN**
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Address for Correspondence : Department of Zoology,
Rajaram College, Kolhapur.
Date of Birth : 30th June 1986
Religion & Caste : Hindu-Maratha
Nationality : Indian
Marital Status : Married
E - Mail Address : jyotiachavan@gmail.com

Educational Qualification:

Sr. No.	Examination	Board/University	Marks (%)	Class	Year
1.	Ph.D.	Shivaji University	-----	-----	2013
2.	M.Sc.	Shivaji University	69.50%	First Class	2008
3.	B.Sc.	Shivaji University	67.40%	First Class	2006
4.	H.S.C.	Pune Board	57.33%	Second Class	2003
5.	S.S.C.	Pune Board	72.26%	First Class	2001

Present Position:

Working as Assistant Professor in Zoology at Rajaram College, Kolhapur from 06/06/2019.

Teaching Experience:

1. Worked as a Assistant Professor in Zoology at **Government Vidarbha Institute of Science and Humanities, 444 604** from 05/11/2015 to 30/05/2019
2. CHB Assistance Professor in Zoology at **Rayat Shikshan Sanstha's, Sadguru Gadage Maharaj College, Karad, Dist. Satara** from 04/07/2013 to 30/04/2015.
3. Worked as CHB Assistance Professor in Zoology at **Jaysingpur College, Jaysingpur** for six month (2013).

Title of the research work for the Ph. D:

“Studies on antifungal and antiviral properties of plant extracts in disease management of silkworm *Bombyx mori* L.”.

Date of award of Ph. D.: 02nd May, 2013

Ph. D. Guide: Dr. G. P. Bhawane
Professor,
Department of Zoology,
Shivaji University,
Kolhapur.

Research activities:

B.Sc. Project: -

As a part of curriculum, I have successfully completed the project entitled “**STUDY OF AVIFAUNA FROM VADGAON CITY AND ADJACENT AREA**” under the guidance of Maske, S. V.; Pawar, N. T.; and Jadhav, C. B. (2006).

M.Sc. Project:-

As a part of curriculum, I have successfully completed the project entitled “**STUDIES ON DIVERSITY OF STORED GRAIN PESTS FROM KOLHAPUR REGION**” under the guidance of Dr. G. P. Bhawane, Professor, Shivaji University, Kolhapur (2007-2008).

UGC project:-

Worked as project fellow on the UGC Major Research Project entitled “**UTILIZATION OF HERBALS IN THE DISEASE MANAGEMENT OF SILKWORM *BOMBYX MORI* L.**” under the supervision of Dr. G. P. Bhawane, Principal Investigator, Department of Zoology, Shivaji University, Kolhapur (2008-2011).

Awards:-

1. Second prize in oral presentation in UGC NEW Delhi Sponsored, National Seminar on “**Recent Advances In Life Sciences With Special Reference to Biotechnology**” organized by Department of Life Sciences and Department of Biotechnology. (3rd and 4th January, 2013).

Developmental Activities:

• Papers published	: 38
• Paper accepted	: 01
• Papers communicated	: 00
• Papers presented in National Conference	: 26
• Papers presented in International Conference	: 05
• Conference/Seminar attended	: 16
• Attended workshops/camps	: 12

Research Publications:

Papers published:

1. S. R. Aland, **J. A. Chavan**, N. T. Pawar, V. J. Kumbhar and G. P. Bhawane (2009). Study on diversity of stored grain insect pests from Kolhapur, Maharashtra. *Journal of life science*.vol. **1**: 16-20.
2. G. P. Bhawane, **J. A. Chavan**, S. M. Gaikwad, S. R. Aland, V. J. Kumbhar and N. T. Pawar (2010). Efficacy of ethanolic plant extractives on biochemical moieties and cocoon character of *Beauveria bassiana* infected 5th instar larvae, *Bombyx mori* L. *Geobios*. **37**: 314-318.
3. Y. S. Muniv, **J. A. Chavan**, N. T. Pawar, S. R. Aland and G. P. Bhawane (2010). Characteristics of midgut amylase in *Bombyx mori* L.: A comparative analysis in multivoltine races, pure mysore and kolar gold. *Uttar Pradesh journal of zoology*. **30(3)**: 325-329.
4. **J. A. Chavan**, S. J. Patil and G. P. Bhawane (2011). Aqueous leaf extract of *Clerodendrum multiflorum* exhibit antifungal effect against white muscardine disease of silkworm *Bombyx mori* L. *Bionano frontier*. **4(2)**: 247-249.
5. **J. A. Chavan** and G. P. Bhawane. (2011). Secondary metabolites of antimicrobial plants. *Bioinfolet*. **8(3)**: 269-270.
6. **J. A. Chavan**, S. J. Patil and G. P. Bhawane (2011). Screening of aqueous plant extracts against *Beauverai bassiana* infection to Vth instar larvae of *Bombyx mori* L. *Journal of medicinal plant research*. **5 (16)**: 3936-3939.
7. S. M. Gaikwad, Y. S. Muniv, **J. A. Chavan** and G. P. Bhawane (2011). Population density and natural enemies of *Papilio polytes polytes* L. (Lepidoptera: Papilionidae). *Biological Forum*. **3(1)**: 41-43.
8. Y. S. Muniv, S. M. Gaikwad, **J. A. Chavan**, V. J. Kumbhar and G. P. Bhawane (2011). Characteristics of midgut amylase in *Bombyx mori* L. A comparative analysis in multivoltine races, Nistari and Kolar gold. *Bulletin of Indian Academic Sericulture*. **15(1)**: 15-19.
9. Pawar N. T., **Chavan, J. A.**, Bhawane G. P. and Kanase A. A. (2012). Characterization of Invertase in *Bombyx mori* L.: Comparative study in bivoltine races. *Bionano frontier*. **5(1)**: 137-139.
10. **Chavan. J. A.** and Bhawane, G. P. (2012). Effect of *Beauveria bassiana* inoculation and subsequent treatment of ethanolic plant extracts on larval weight of *Bombyx mori*

L. *Proceeding of UGC sponsored National conference on Biodiversity Monitoring and Research: Current practice and Future Needs.* 341-353.

11. Patil, S. J., Chavan, J. A., Pawar, N. T. and Bhawane, G. P. (2012). Antibacterial effect of aqueous extracts of *Syzygium cumini* and *Euphorbia geniculata* on Cocoon Characters of PMX CSR2 (KG) race of silkworm *Bombyx mori* L. *Proceeding of UGC sponsored National conference on Biodiversity Monitoring and Research: Current practice and Future Needs.* 354-358.
12. J. A. Chavan, Y. J. Koli, Y. S. Muniv, N. T. Pawar and G. P. Bhawane (2013). Effect on the cocoon characters of *Beauveria bassiana* infection and subsequent treatment of ethanolic plant extracts on fifth instar larvae of *Bombyx mori* L. *Trajectory* Vol. 21, No. 1, Jan-June 2013. 45-52.
13. J. A. Chavan, Y. B. Gaikwad and G. P. Bhawane (2013). Electrophoretic haemolymph protein profile in *Beauveria bassiana* inoculated and subsequent treatment of ethanolic plant extracts, dusting of plant powder in silkworm *Bombyx mori* L. *Asian Journal of Biological and life sciences.* Vol.3 (3) Dec.2013. 227-233.
14. R. N. Patil., J. S. Kadam., J. A. Chavan and A. J. Salunkhe (2013). Anthelmintic activity of ethanolic bud extract of *Syzygium aromaticum* against *Pherithima posthuma*. *Weekliscience. Org*
15. G. P. Bhawane, A. K. Chougale, S. J. Patil, Y. B. Gaikwad and J. A. Chavan (2013). Effects of ethanolic plant extracts on BmNPV inoculated silkworm *Bombyx mori* in relation with midgut antioxidant enzymes, acid phosphatase and non-specific esterase. *Sericologia* 53 (3 & 4): 182-192.
16. J. A. Chavan and G. P. Bhawane (2013). Impact of Plant Extracts on Biochemical Changes in *Bacillus Thuringiensis* infected Silkworm, *Bombyx mori* L. *International Journal of Current Research* 5 (7): 1709-1711.
17. J. A. Chavan., Y. J. Koli., Y. S. Muniv., N. T. Pawar and G. P. Bhawane (2013). Effect on the cocoon characters of *Beauveria bassiana* infection and subsequent treatment of ethanolic plant extracts on fifth instar larvae of *Bombyx mori* L. *Trajectory.* 21(1): 45-52.
18. R. N. Patil, J. A. Chavan, J. S. Kadam, P.C.Yadav and P.V. Thorat (2014). Studies on diversity of stored grain pests. *Review of research.* 3(8): 1-6.
19. Chavan, J. A., Koli, Y. J., Muniv, Y. S. and Bhawane G. P. (2014). Effect of antiviral plant extractives on fat bodies of Nuclear polyhedrosis virus inoculated silkworm of

Bombyx mori L. (PM). *Proceeding of "Recent trends in Life Sciences withReferences to Biotechnology and Applied Zoology"* 1: 1-4.

20. Chavan, J. A., Koli, Y. J., Muniv Y. S. and Bhawane, G. P. (2014). Efficacy of *Beauveria bassiana* on some organs of silkworm *Bombyx mori* L. (Race-Pm): Histopathological observations. *Flora and Fauna*. **20(2)**: 135-138.
21. S. G. Parte, R. D. Patil, M. A. Patil, N. S. Patel and J. A. Chavan (2014). Utilization of herbals for the managements of cattle ticks *Int. J. Curr. Microbiol. App. Sci* **3(10)**: 228-232.
22. J. A. Chavan and G. P. Bhawane (2015). Effect of *Beauveria bassiana* infection and subsequent dusting of plant powder on cocoon and post cocoon character in CSR2 *B. mori* L. *Proceeding of National Conference on Recent trends in Life Sciences*. 121-126.
23. Y. B. Gaikwad., J. A. Chavan., G. P. Bhawane and N. K. Desai (2015). Effect of D-Galactose Induced Oxidative stress and Ethanolic extracts of *Bacopa monniera* and *Lactuca sativa* on Non-specific esterase in midgut of Silkeorm *Bombyx mori* L. *International Journal of Animal Biology* **1(5)**: 231-236.
24. J. A. Chavan., Y. B. Gaikwad and G. P. Bhawane (2015). Curative effect of Ethanolic plant extractives against *Beauveria bassiana* infection in silkworm *Bombyx mori* L.: Histopathological observations on midgut. *International Journal of Animal Biology* **1(5)**: 266-272.
25. J. A. Chavan., Y. B. Gaikwad and G. P. Bhawane (2015). Haemolymph protein profile in *Beauveria bassiana* inoculated and subsequent treatment of dusting of plant powder in silkworm *Bombyx mori* L.(CSR2). *Bionano frontier* **8(3)**: 2320-9593.
26. S. G. parte., A. S. kharat., A. D. Mohekar., J. A. Chavan., A. A. Jagtap., A. K. Mohite and R. N. Patil. (2015). Efficacy of plant extracts for management of *Climex lectularius* (Bed Bug). *International Journal of Pure Na Applied Bioscience*. **3 (2)**: 506-508.
27. N. T. Pawar., J. A. Chavan and G. P. Bhawane (2015). Comparative study on silk gland proteins in fifth instar larvae of silkworm *Bombyx mori* in bivoltine races. *Proceeding of National Conference on "Biodiversity, climate change and sustainable development"* 23-26.
28. J. A. Chavan., Y. B. Gaikwad and G. P. Bhawane (2015). Effect of *Beauveria bassiana* infection and subsequent dusting of plant powder on protein content of Haemolymph on 3rd and 5th day of fifth instar larvae of PM and CSR2 *B. mori* L.

Proceeding of National Conference on “Biodiversity, climate change and sustainable development” 27-32.

29. **J. A. Chavan^{1*}** and G. P. Bhawane² (2016). Effect of BmNPV Infection and subsequent Oral Treatment Of Ethanolic Plant Extracts On Cocoon and Post Cocoon Characters In PM and CSR2 *B. mori* L. *Biolife*, 4(3):475-481. ISSN (online): 2320-4257
30. **J. A. Chavan** and G. P. Bhawane (2016). Use of ethanolic plant extractives for management of muscardine infection in silkworm *Bombyx mori* L. *The Ecoscan An International Quarterly Journal Of Environmental Sciences*. Vol. IX: 945-951. ISSN: 0974 – 0376.
31. **J. A. Chavan**, A. K. Chougale and G. P. Bhawane (2017). Toxicity of Dimethoate and Chlorpyrifos on haemocyte count in male *Platynotus belli* Fairmaire (Coleoptera: Tenebrionidae) *Journal of Entomology and Zoology Studies* 2017; 5(1): 126-133. E-ISSN: 2320-7078, P-ISSN: 2349-6800.
32. Y. A. Gadhikar, U. S. Deshmukh, Rita Bhandari and **Jyoti A. Chavan** (2017). Record of Hemipteran insect *Eurybrachys tomentosa* (Fabricius) first time from Vidarbha region, India. *International Journal of Fauna and Biological Studies* 2017; 4(1): 108-109. ISSN 2347-2677.
33. J. A. Chavan (2018) Histopathological studies of *Beauveria bassiana* infection and subsequent treatment of Ethanolic plant extracts on fatbody tissue of silkworm *Bombyx mori* L. in PM race. *Electronic interdisciplinary international Research journal* pp. 156-163 ISSN : 2277-8721
34. **J. A. Chavan** and **U. S. Deshmukh** (2019). Efficacy of *Beauveria bassiana* inoculation and subsequent dusting of plant powder on cocoon and post cocoon characters of PM and CSR2 race of silkworm *Bombyx mori* L. *Ajanta* ISSN:2277-5730 8(1)96-102. (Impact factor: 5.5).
35. **J. A. Chavan** and **A. S. Desai** (2019). Diversity and Species Richness of Grasshoppers (Orthoptera) in Government Vidarbha Institute of Science and Humanities Campus, Amravati *International E- research journal* pp. 12-19 ISSN : 2348-7143
36. **J. A. Chavan** and **A. S. Desai** (2019). Diversity of Dipteran Flies in Government Vidarbha Institute of Science and Humanities Campus, Amravati. *Biosc. Biotech. Res. Comm. Special Issue Vol 12 No (4) Aug 2019* 53-57.

37. **J. A. Chavan, L. P. Bhopale and A. K. Chougale (2020).** Effect of *Beauveria bassiana* infection and subsequent dusting of plant powder on larval weight in PM and CSR2*B. mori* L. *Vivek Research e-journal* Vol. 4 (1), pp. 42-48. ISSN: 2581-8848
38. **J. A. Chavan, L. P. Bhopale and S. S. Taware (2021).** The Effect Of Bmnpv Infection And Subsequent Oral Treatment Of Ethanolic Plant Extracts On Sds-Page Protein Profile Of Silkworm Pm B. Mori L. 42(24): 1030-1041, *Uttar Pradesh Journal Of Zoology* ISSN: 0256-971X

Paper Presented in International Conference:

1. **J. A. Chavan, S. J. Patil and G. P. Bhawane (2010).** Aqueous leaf extract of *Clerodendrum multiflorum* exhibit antifungal effect against white muscardine disease of silkworm *Bombyx mori* L. in “**XXXIII conference of Indian botanical society and international symposium on the new horizons of botany**” organized by Department of botany, Shivaji University, Kolhapur- 416 004 (10-12th November, 2010).
2. G. P. Bhawane, D. L. Bharmal, S. J. Patil, Y. B. Gaikwad and **J. A. Chavan (2012).** Effects of ethanolic plant extracts on BmNPV inoculated silkworm *Bombyx mori* in relation with midgut antioxidant enzymes, acid phosphatase and non-specific esterase. “**International conference on Entomology**” organized by Department of Zoology and Environmental Sciences Punjabi University, Patiala.
3. **J. A. Chavan** and G. P. Bhawane (2013). Use of some plant extractives against NPV infection of *B. mori* L. In “**International Conference on Biosciences with Special Reference to Environmental Issues and 33rd Annual Session of the Academy of Environmental Biology**” Organized by Department of Zoology, Shivaji University, Kolhapur, on 19th -21st December 2013.
4. **J. A. Chavan** and G. P. Bhawane (2015). Haemolymph protein profile in *Beauveria bassiana* inoculated and subsequent treatment of dusting of plant powder in silkworm *Bombyx mori* L. (CSR2). In “**International Conference on Contemporary Research In chemical and Life Science**” Organized by Sadguru Gadage Maharaj College, Karad. On 22nd and 23rd April, 2015.

5. **J. A. Chavan (2020)**. Diversity Of Order Odonata from some selected areas of Amravati Region. In International **E- Conference on Sustainable Development: A Biological and Socioeconomical perspective**. Organized by Government Vidarbha Institute of Science and Humanities, Amravati (MS) India. 26 and 27th June, 2020.

Paper Presented in National Conference/ Symposium/ Seminar:

1. **Chavan, J. A.**; Bandgar, P. H.; Desai, A. S.; Ahiwale D. A.; Bhingardev, D. B.; and Bhawane, G. P.(2008). Diversity of insect pests with special reference to stored grain from Kolhapur region. In State Level Conference on **“Recent Trends In Biotechnology, Biodiversity and Environmental Aspects”** organized by New Arts, Commerce and Science College, Parner, Dist. Ahmednagar – 414 302 (19- 20th December 2008).
2. Aland, S. R.; **Chavan, J. A.**; Pawar, N. T. and Bhawane G. P. (2010). Scarabid beetle (Coleoptera: Scarabidae) fauna from Amba Reserved Forest, Maharashtra. In National Conference on **“Biodiversity Conservation in India: Status and Approaches”** organized by Gopalkrishna Gokhale College, Kolhapur and Indian Woman scientists’ Association, Kolhapur Branch (8-10th January 2010).
3. **J. A. Chavan**, Y. S. Muniv, S. M. Gaikwad, M. Goswami and G. P. Bhawane (2010). Protein, lipid and carbohydrate profile in the midgut of silkworm, *Bombyx mori* L. Infected with *Beauveria bassiana* (bals.) Vuill in National Conference on **“Life Sciences with Special Reference to Environmental Biotechnology and Biodiversity”** organized by Vivekanand College, Kolhapur- 416 003 (2-3rd February 2010).
6. **J. A. Chavan**, S. M. Gaikwad, S. R. Aland, V. J. Kumbhar, N. T. Pawar and G. P. Bhawane (2010). Efficacy of ethanolic plant extractives on biochemical moieties and cocoon character of *Beauveria bassiana* infected 5th instar larvae, *Bombyx mori*. in State Level Conference on **“Recent Trends in Physico Chemical Sciences, Biotechnology and Biodiversity”** organized by Padmashree Dr. D. Y. Patil Arts, Commerce and Science College, Pimpri, Pune- 18 (12-13th February 2010).
7. **J. A. Chavan**, S. J. Patil and G. P. Bhawane (2010). Screening of aqueous plant extracts against *Beauveria bassiana* infection to Vth instar larvae of *Bombyx mori* L. in National conference on **“Global warming and conservation strategies”** organized by

Department of zoology, Lal Bahadur Shastri College, Satara-415 002 (21-22^{ed} December, 2010).

8. V. J. Kumbhar, Y. S. Muniv, **J. A. Chavan**, N. T. Pawar and G. P. Bhawane (2011). Rearing performance of temperate tasar silkworm *Antheraea proylei* J. in different seasons in **UGC- SAP Sponsored National Symposium on “Recent Trends In Life Sciences”** organized by Department of Biochemistry, Shivaji University, Kolhapur-416.
9. G. P. Bhawane, Y. B. Gaikwad, **J. A. Chavan** and S. J. Patil (2011). Effects of ethanolic plant extracts on BmNPV inoculated silkworm *Bombyx mori* in relation with midgut antioxidant enzymes, acid phosphatase and non-specific esterase at National conference on **“Recent trends in life sciences with special reference to animal physiology, biotechnology and biodiversity”** organized by Sadguru Gadage Maharaj College, Karad - 415 124, Dist. Satara (19th -20th October. 2011).
10. **J. A. Chavan.**, Y. S. Muniv., S. R. Wagh., A. K. Chougule and G. P. Bhawane (2012). Histopathology of *Beauveria bassiana* inoculated and plant extracts treated larvae of *Bombyx mori* L. in National conference on **“ New Frontiers in Animal Science”** organized by Department of P. G. studies and research in Applied Zoology, Kuvempu University, Jhana Sahyadri, Shankaraghatta- 577 451, Shivamogga, Karnataka.
11. **Chavan. J. A.** and Bhawane, G. P. (2012). Effect of *Beauveria bassiana* inoculation and subsequent treatment of ethanolic plant extracts on larval weight of *Bombyx mori* L. In **UGC sponsored National conference on Biodiversity Monitoring and Research: Current practice and Future Needs.** Organized by Department of Zoology, Fergusson College, Pune- 411 004, Maharashtra (7th and 8th December, 2012).
12. Patil, S. J., **Chavan, J. A., Pawar, N. T.** and Bhawane, G. P. (2012). Antibacterial effect of aqueous extracts of *Syzigium cumini* and *Euphorbia geniculata* on Cocoon Characters of PMX CSR2 (KG) race of silkworm *Bombyx mori* L. In **UGC sponsored National conference on Biodiversity Monitoring and Research: Current practice and Future Needs.** Organized by Department of Zoology, Fergusson College, Pune- 411 004, Maharashtra (7th and 8th December, 2012).
13. **J. A. Chavan**, Y. J. Koli, Y. S. Muniv, N. T. Pawar and G. P. Bhawane (2012). Effect on the cocoon characters of *Beauveria bassiana* infected and subsequent treatment of ethanolic plant extracts on fifth instar larvae of *Bombyx mori* L. In UGC sponsored National Conference on **“Recent Trends In Applied Zoology”** Organized by

Department of Zoology and Fisheries, Y. C. Institute of Science, Satara 415 001, Maharashtra, India. (28th and 29th December, 2012).

14. G. P. Bhawane and **J. A. Chavan (2013)**. Effect of BmNPV infection and subsequent treatment of ethanolic plant extracts on protein content of midgut, silk gland, fat body and haemolymph on fifth instar larvae of *Bombyx mori* L. In UGC NEW Delhi Sponsored, National Seminar on **“Recent Advances In Life Sciences With Special Reference to Biotechnology”** organized by Department of Life Sciences, Smt. Kasturba Walchand College, Sangli, MS, India. (3rd and 4th January, 2013).
15. **J. A. Chavan**, Y. S. Muniv, S. R. Wagh, A. K. Chougale and G. P. Bhawane (2013). Curative effect of some ethanolic plant extractives against *Beauveria bassiana* in silkworm, *Bombyx mori* L. – Histopathological observations in midgut. In UGC Sponsored National Seminar on **“Recent trends in Life Science”** organized by Department of Botany and Zoology, Rajarshi Chatrapati Shahu College, Kolhapur, MS, India (28th and 29th January 2013).
16. S. J. Patil, **J. A. Chavan**, Y. S. Muniv and G. P. Bhawane (2013). Effect of antibacterial agents of aqueous extracts of four plants on post cocoon characters of CSR2 silkworm race of *Bombyx mori* L. In UGC-SAP and DST-PURSE Sponsored National Conference on **“Challenges and opportunities in life Sciences” (COLS 2013)** organized by Department of Biochemistry, Microbiology and Biotechnology, Shivaji University, Kolhapur. (February, 8th and 9th, 2013).
17. Muniv, Y. S. **Chavan, J. A.** Pawar, N. T. and Bhawane G. P. (2013). Haemocyte count in silkworm *Bombyx mori* L: a comparative study in different multivoltine races. In UGC-SAP and DST-PURSE Sponsored National Conference on **“Challenges and opportunities in life Sciences” (COLS 2013)** organized by Department of Biochemistry, Microbiology and Biotechnology, Shivaji University, Kolhapur. (February, 8th and 9th, 2013).
18. Kumbhar, V. J. Mamlayya, A. B. Pawar, N. T. Muniv, Y. S. **Chavan, J. A.** and Bhawane, G. P. (2013). Studies on the biology of Oak tasar, *Antheraea proylei* J. (Lepidoptera: Saturniidae) on *Terminalia catapa* L. In UGC-SAP and DST-PURSE Sponsored National Conference on **“Challenges and opportunities in life Sciences” (COLS 2013)** organized by Department of Biochemistry, Microbiology and Biotechnology, Shivaji University, Kolhapur. (February, 8th and 9th, 2013).
19. **Chavan, J. A.** Muniv, Y. S. Gaikwad, Y. B. and Bhawane, G. P. (2013). To study the effect of *Beauveria bassiana* infection and subsequent treatment of ethanolic extracts

- on cocoon characters fifth instar larvae of *Bombyx mori* L. In UGC-SAP and DST-PURSE Sponsored National Conference on “**Challenges and opportunities in life Sciences**” (COLS 2013) organized by Department of Biochemistry, Microbiology and Biotechnology, Shivaji University, Kolhapur. (February, 8th and 9th, 2013).
20. Muniv, Y. S., **Chavan, J. A.**, Pawar, N. T. and G. P. Bhawane (2013). Comparative study on the characteristics of midgut lipase in different multivoltine races of silkworm, *Bombyx mori* L. In UGC Sponsored “ **Two Days National Seminar on Recent trends in Cell Biology, Biotechnology and Bioinformatics**” organized by Department of Zoology, Balwant college, Vita (M. S.) held on 6th and 7th September 2013.
 21. **Chavan, J. A.**, Koli, Y. J., Muniv, Y. S. and G. P. Bhawane (2013). Effect of antiviral plant extractives on fat bodies of nuclear polyhedrosis virus inoculated silkworm of *Bombyx mori* L. In National conference on “**Recent trends in life sciences with reference to Biotechnology and Applied Zoology**” Sponsored by UGC and Organized by Department of Zoology, Yashwantrao Chavan College of Science, Karad on 27th and 28th September 2013.
 22. R. N. Patil., J. S. Kadam., **J. A. Chavan** and A. J. Salunkhe (2013). Anthelmintic activity of ethanolic bud extract of *Syzygium aromaticum* against *Pherithima posthuma*. In National conference on “ **Recent trends in life sciences with reference to Biotechnology and Applied Zoology**” Sponsored by UGC and Organized by Department of Zoology, Yashwantrao Chavan College of Science, Karad on 27th and 28th September 2013.
 23. **J. A. Chavan** and G. P. Bhawane (2013). Studies on effect of *Beauveria bassiana* on some vital organs of *Bombyx mori* L. (Lepidoptera: Bombycidae.) In National conference on “**Recent Trends in Biology : Nanoscience (NCRTBN- 2013)**” Sponsored by UGC, New Delhi and Organized by Department of Zoology, Dahiwadi College Dahiwadi, on 13th and 14th December 2013.
 24. **J. A. Chavan** and G. P. Bhawane (2015). Effect of *Beauveria bassiana* infection and subsequent dusting of plant powder on cocoon and post cocoon character in CSR2 *B. mori* L. In “**National Conference on Recent trends in Life Sciences**” Organized by Department of Botany nad Zoology, Jaysingpur College, Jaysingpur on 6th and 7th February, 2015.
 25. **J. A. Chavan**, Y. B. Gaikwad and G. P. Bhawane (2015). Effect of *Beauveria bassiana* infection and subsequent dusting of plant powder on protein content of haemolymph on 3rd and 5th day of fifth instar larvae of PM and CSR2 *B. mori* L. In UGC Sponsored

“National Conference on Biodiversity, Climatic change and sustainable development” Organized by Department of Zoology, Krantisinh Nana Patil College, Walwe, on 29th and 30th August 2015.

26. **J. A. Chavan and G. P. Bhawane (2023).** Haemocyte Count In *Beauveria Bassiana* Infection And Subsequent Oral Treatment Of Ethanolic Plant Extract On 3rd Day of Fifth Instar Larvae Of Pm And Csr2 *B. Mori* L. in One day National E- Conference on “ Environmental Crisis and Conservation stratigy” Organized by Department of Zoology, Veer Wajekar Arts, Science and Commerce College, Mahalan Vibhag, Phunde, held on Friday 3rd March, 2023.

Conferences / Seminars / Symposia Attended:

1. **State Level Conference on “Recent Trends in Biotechnology and Environmental Aspects”** organized by Faculty of Science New Arts, Commerce and Science College, Parner, Ahmednagar- 414 302 (19th -20th December, 2008).
2. National Conference on **“Biodiversity Conservation in India: Status and Approaches ”** organized by Gopalkrishna Gokhale College, Kolhapur and Indian Woman scientists’ Association, Kolhapur Branch (8-10th January, 2010).
3. National Conference on **“Life Sciences with Special Reference to Environmental Biotechnology and Biodiversity”** organized by Vivekanand College, Kolhapur- 416 003 (2-3rd February, 2010).
4. State Level Conference on **“Recent Trends in Physico Chemical Sciences, Biotechnology and Biodiversity”** organized by Padmashree Dr. D. Y. Patil Arts, Commerce and Science College, Pimpri, Pune- 18 (12-13th February, 2010).
5. National workshop on **“Environmental Science and Problems”** organized by Lal Bahadur Shastri College, Satara, Maharashtra. (1-2nd September, 2010).
6. **“XXXIII conference of Indian botanical society and international symposium on the new horizons of botany”** organized by Department of Botany, Shivaji University, Kolhapur- 416 004 (10-12th November, 2010).
7. National conference on **“Global warming and conservation strategies”** organized by Department of zoology, Lal Bahadur Shastri College, Satara-415 002 (21-22nd December, 2010).

8. UGC- SAP Sponsored National Symposium on “ **Recent Trends In Life Sciences**” organized by Department of Biochemistry, Shivaji University, Kolhapur-416 004.(4-5th March, 2011).
9. National conference on “**Recent trends in life sciences with special reference to animal physiology, biotechnology and biodiversity**” organized by Sadguru Gadage Maharaj College, Karad - 415 124, Dist. Satara (19th -20th October. 2011).
10. DST-PURSE sponsored National seminar on “**Preparation of skilful research papers at national and international scenario**” organized by Department of Zoology, Shivaji University, Kolhapur- 416 004. (6th February, 2012).
11. “**International conference on Entomology**” organized by Department of Zoology and Environmental Sciences Punjabi University, Patiala. (17th -19th February, 2012).
12. National conference on “**New Frontiers in Animal Science**” organized by Department of P. G. studies and research in Applied Zoology, Kuvempu University, Jhana Sahyadri, Shankaraghatta- 577 451, Shivamogga, Karnataka. (9th- 10th April, 2012).
13. National Seminar on “**Apiculture**” Organized by Department of Zoology, Shivaji University, Kolhapur (28th September, 2012).
14. UGC-SAP and DST-PURSE Sponsored National Conference on “**Challenges and opportunities in life Sciences**” (**COLS 2013**) organized by Department of Biochemistry, Microbiology and Biotechnology, Shivaji University, Kolhapur. (February, 8th and 9th, 2013).
15. UGC Sponsored “**Two Days National Seminar on Recent trends in Cell Biology, Biotechnology and Bioinformatics**” organized by Department of Zoology, Balwant college, Vita (M. S.) held on 6th and 7th September 2013.
16. National conference on “**Recent trends in life sciences with reference to Biotechnology and Applied Zoology**” Sponsored by UGC and Organized by Department of Zoology, Yashwantrao Chavan College of Science, Karad on 27th and 28th September 2013.

Workshops:

1. One day career guidance workshop for B. Sc part III students lead college program organized by Yashwantrao Chavan Warana Mahavidyalaya, Warananagar (18th February, 2006).

2. Workshop on “**Techniques in Plant and Animal Tissue Culture**” organized by BioEra Medical Systems & KIT’s College of Engineering, Kolhapur (20- 29th July, 2008).
3. National Level Workshop on “**Techniques in Biotechnology**” organized by Shri Pancham Khemraj Mahavidyalaya, Sawantwadi, Dist. Sindhudurg (20-21st February, 2008).
4. Workshop on “**Recent advances in applied Zoology**” organized by Department of Zoology, Shivaji University, Kolhapur. (17th September, 2011).
5. National Workshop on “**Biological Control of Insect Pests**” organized by Department of Zoology, Shivaji University, Kolhapur- 416 004. (22nd March, 2012).
6. One Day workshop on “**Research Writings ethics, plagiarism and publishability**” Organized by IQAC Shivaji University, Kolhapur and The New College, Kolhapur under Lead College Scheme (28th March 2012).
7. One day workshop on “**Research Writings ethics, plagiarism and publishability**” Organized by Kamala College, Kolhapur and Shivaji University Kolhapur under Lead College Scheme (24th January, 2013).
8. One day “**Training Workshop**” for college teachers in Zoology at B. Sc I- Revised syllabi sponsored by Shivaji University, Kolhapur and organized by P. G. Department of Zoology, S. G. M. College, Karad on 7th August, 2013.
9. One day “**Training Workshop**” for college teachers in Zoology at B. Sc II- Revised syllabi sponsored by Shivaji University, Kolhapur and organized by P. G. Department of Zoology, S. G. M. College, Karad on 31st July, 2015.
10. One day Workshop on “**Recent Advances in Biotechnology**” organized by Department of Biotechnology Engineering, KIT’s College of Kolhapur on 10th October 2014.
11. One Day workshop on “**Education in Universal Human Values**” Organized by Sadguru Gadage Maharaj College, Karad, In collaboration with the HAAHA’I Academy, Panchgani, and Dept of Adult and Continuing Education and Extension work, Shivaji University, Kolhapur on 26th February, 2015.
12. One Day Workshop on “**Choice Based Credit System**” under lead College Scheme (Gopal Krishna Gokhale College Kolhapur) Organized by the Department Of Geography and Zoology on 3rd October, 2015.

Computer Knowledge:

Certificate course in Computer Operating System of three months June 2001.
MSCIT Completed.

Extracurricular activities:

1. Government of Maharashtra Drawing Examination

I] Elementary Grade Drawing Examination

II] Intermediate Grade Drawing Examination

2. National Service Scheme

Completed two years of N. S. S. activities from the academic years 2004-2005 to 2005-2006 and attended 10 days residential camp at Mouje Tasgaon from 02/12/2004 to 11/12/2004.

Place: Kolhapur.

(Dr. Chavan Jyoti Ashok)

Date: