



CURRICULUM VITAE

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PERSONAL DETAILS

Name	DR. SHATRUGHNA SUKDEO PATOLE
Date of Birth	1 st May 1963.
Nationality	Indian
Marital status	Married
Category	S. C.
Present Post	Professor, Department of Zoology.
Date of Appointment	27/07/1987.
Scale of Pay and Present Pay	AGP- 10,000 /-
Present Address	16, "Saraansh" SushilaNagar, Sakri, Dist. Dhulia 424304 (MS)
Mobile No.	+91-9421885464
E-Mail	sspatole63@gmail.com
Teaching Experience	34 years (U.G.)
Research Experience	27 years
Languages Known	Marathi, Hindi, and English.



Educational Qualification

Exam. Passed	Name of The University	Year of Passing	Class	Subject
B. Sc.	University of Pune, Pune	April 1985	Distinc	Zoology
M. Sc.	University of Pune, Pune	April 1987	First	Zoology
M.Phil.	North Maharashtra Univ., Jalgaon.	Oct 1995	A grade	Zoology
Ph.D.	North Maharashtra Univ., Jalgaon.	Aug 2007	--	Zoology
C. C. C. O	M.S.B.T.E., Mumbai	1999	First	computer

M. Phil/ Ph.D. Research Topic

- M. Phil: Dissertation title “**Studies on fish toxicants of plant origin**”.
- Ph. D. Thesis title “**Evaluation of indigenous plants for their biological activities with special reference to insecticides**”

Guide: Dr. R. T. Mahajan, HOD, Zoology Department, M. J. College, Jalgaon.

Orientation and Refresher courses attended

Sr. No.	Name of the A. S. College	Duration
1	Academic Staff College University of Pune.	06/09 to 03/10/1989
2	Academic Staff College University of Pune.	01-12 to 28-12-1994
3	Academic Staff College, Kashmir (Jammu).	05-04 to 25-04-1997
4	Banarus Hindu University, Varanasi (U. P.)	06-11 to 26-11-1997
5	Himachal Pradesh University, Shimla (H. P.)	02-04 to 21-04-2001



Research Project

Research Project Completed (6)

1. Minor Research Project entitled “**A Survey of Insect Crop Pests From Sakri Taluka, An Agricultural Study**”. University Grant Commission WRO Ganeshkhind, Pune, (Ref. No. F. 47-77/2003 (WRO) 19th February 2004). Grant sanctioned Rs 31000 /- (**Principal investigator**).
2. MRP entitled “**The taxonomical survey and food value of fresh water fishes from Sakri taluka**”. University Grant Commission WRO Ganeshkhind Pune, (Ref. No. F. 47-192/07 (WRO) July 18, 2008. Grant sanctioned Rs 65000/- (**Principal investigator**).
3. MRP entitled “**Ethanomedicinal Survey and Antimicrobial Study of Indigenous Plants from Charanmal Ghat of Sakri Tahsil (Dhule District)**”. (Ref. No. F. 47-339/ 07 (WRO) March 12, 2008. Grant sanctioned Rs 75,000 /- (**Work as Co-investigator**).
4. MRP entitled “**Utility of Weeds of Crop Field in Controlling Some of the Vegetable Crop Diseases in Sakri Tahsil (Dist- Dhule).**” (Ref. No. F. 47-1187/ 09). April 2013. Grant sanctioned Rs 1,00,000/- (**Work as Co-investigator**).
5. **Biodiversity, Nutritional importance and Haematological values of riverine fishes from Dhulia and Nandurbar Dist. of Maha**” . Ref: File No. 47-359/ 12 (WRO) dated 25 Feb 2013. Financial assistance granted Rs 120,000/-. (**Principal investigator**).
6. **VCRMS- Title “Studies on diversity of Beetles (Insecta: Coleoptera) from Sakri region Dist- Dhule (M.S.)”** Ref No. NMU/11A/ VCRMs/ Budget-2015-16/Science-14/65/2016. Dated 29/2/2016. Grant Rs. 70,000/- (**Principal investigator**).



Published Research Papers

1. **R. T. Mahajan and S. S. Patole:**Effect of plant extracts on oxygen consumption rate in fish: *Naemacheilus evezardi* (Day). *J. Fresh water Biol.* 15 (1-4): 109-113. 2003.
2. **S. S. Patole and R. T. Mahajan:** Effect of aqueous extract of the leaves of the *Cestrum nocturnum* (Linn) on Histomorphological changes in gill of Fish: *Naemacheilus evezardi* (Day). *J. Aqua. Biol.* 19 (2): 135-140. 2004.
3. **Patole, S. S. and R. T. Mahajan:** In *Vitro* haemolytic activity of some Ichthyotoxic indigenous plants. *J. Comp. Toxicol Physiol.* Vol. 1 (3&4): 216-224, 2004.
4. **S. S. Patole and R. T. Mahajan:** Phytotoxicity in fishes. *Advances in fish Research.* IV: 299-312. (ed.) J. S. Datta Munshi and H. R. Singh. *Narendra Publishing House*, New Delhi. 2006.
5. **S. S. Patole and R. T. Mahajan:** Histomorphological changes in stomach and liver of *Naemacheilus evezardi* (Day) on acute exposure of aqueous extract of leaves of *Cestrum nocturnum* (Linn). *Uttar Pradesh J. Zool.* 26 (1): 09-15. 2006.
6. **Patole, S. S. and Mahajan, R. T.:** Ichthyotoxic activity of some indigenous plants against fish *Lepidocephalichthys guntea* (Ham-Buch). *Indian J. Aqua. Biol.* 21(1): 168-172. 2006.
7. **Patole, S. S. and Mahajan, R. T. :** Stupefying activities of some Solanaceous plants in fish, *Lebistus reticulatus* (Peters). *J. Aqua. Biol.* Vol 22(1): 223-228. 2007.
8. **S. S. Patole and R. T. Mahajan:** Evaluation of some indigenous plants of Khandesh region as Mosquito larvicides.. *Him. J. Env. Zool.* Vol. 21 (2): 257-264. 2007.
9. **S. S. Patole, M. Z. Chopda and R. T. Mahajan:** Biocidal activities of a common weed, *Sphaeranthus indicus* Linn. *Uttar Pradesh J. Zool.* 28(1): 67-72. 2008.
10. **Patole, S. S. and Mahajan, R. T.:**Antibacterial activity of some indigenous plants against two bacterial species. *Research Link – 51* Vol- VII (4): 16-18. 2008.
11. **Patole, S. S. and Mahajan, R. T.:** Efficacy of some indigenous plant powders as post harvest protectants of greengram seed against pulse beetle, *callosobruchus chinensis* linn (coleoptera: bruchidae). *J. Eco-friendly Agric.* 3(2):138-141. 2008.



12. **Patole, S. S. Manisha Patil and Mahajan, R. T.** : Studies on metabolic changes during intoxication by phytotoxicants in fish: *Nemacheilus evezardi* Day. *Int. J. Pharmacol. Biol. Sci.* Vol 2(2): 63-68, 2008.
13. **S. S. Patole and R. T. Mahajan:** Acute Toxicity of Some Indigenous Plants against Pulse Beetle, *Callosobruchus Chinensis* Linn (Coleoptera: Bruchidae)” *Indian J. Environ & Ecoplan* Vol 15 (1-2): 265-268, 2008.
14. **S. S. Patole and R. T. Mahajan:** Repellent and Antifeedant Properties of *Cestrum nocturnum* against Red flour beetle: *Tribolium castaneum* (Herbst). *Nat. J. Life Sciences* Vol 5(1): 19-22, 2008.
15. **S. S. Patole and R. T. Mahajan:** Impact of Plant Powders as Greengram Seed Protectants: Nutritional Quality Assessment. *Indian J. Agric. Biochem.* 21 (1 & 2): 27- 30, 2008.
16. **Patole, S. S. and Mahajan, R. T.:** Ovicidal and Ovipositional repellency activity of extracts of Neem and Gorakhmundi against pulse beetle, *Callosobruchus chinensis* (Coleoptera: Bruchidae) Linn. *Research Link-* 62 (3): 10-13, 2009.
17. **S. S. Patole:** Ovipositional Responses of the Pulse Beetle, *Callosobruchus Chinensis* L. (Coleoptera: Bruchidae) to Solvent Extracts of Neem and Gorakhmundi. *J. Env. Bio-Sci.* Vol. 23(1): 63-67, 2009.
18. **Patole, S. S. and Mahajan, R. T.:** Comparative efficacy of Neem and Gorakhmundi extracts as adult emergence against pulse beetle, *Callosobruchus Chinensis* L. *Int. J. Pharmacol. Biol. Sci.* Vol 3(3): 49-54, 2009.
19. **Patole, S. S. and Manisha Patil:** A note on Ichthyofauna of Panzara River (Tah. Sakri) of Dhule district of Maharashtra. *J. Aqua. Biol.* 24 (2): 61-66, 2009.
20. **S. S. Patole and R. T. Mahajan:** Efficacy of some plant extracts against mosquito larvae. *Pesticide Research Journal* Vol 21(1): 13-15, 2009.
21. **S. S. Patole and R. T. Mahajan:** Preliminary antimicrobial screening of sixty indigenous plants from Khandesh Region, Maharashtra. *Uttar Pradesh J. Zool*, 30(3): 287-292, 2009.
22. **Patole, S. S. and Mahajan, R. T.:** Comparative Efficacy of Solvent Extracts of Neem and Mundi against Pulse Beetle, *Callosobruchus chinensis* Linn. *J. Adv. Sci. & Technol.* Vol 12 (1 & 2): 212-215, 2009.



23. **Patole, S. S. and Mahajan, R. T.** :Molluscicidal properties of *Cestrum* spp. against freshwater snail: *Lymnea accuminata* Linn. *Int. Res. J. Analy and Eval*, Vol 1(3&4): 58-61, 2009.
24. **Patole, S. S., More, B. C. and Mahajan, R. T.:** HPTLC Profile of Solvent extracts of Neem and Gorakhmundi. *Int. J. Pharmacol. Biol. Sci* Vol 4(2): 115-120, 2010.
25. **S. S. Patole and B. C. More:** Biodiversity of Fresh Water Fishes from Sakri-Tahsil (Dist- Dhulia) Of Maharashtra. *Research Link- 75*, Vol IX (4): 15-17, 2010.
26. **S. S. Patole:** Persistent toxicidal efficacy of Neem and Gorakhmundi against *Callosobruchus chinensis* Linn. *J. Eco-friendly Agric.*, Vol 4(2): 155-158, 2010.
27. **S. S. Patole:** Freshwater Ichthyofauna of Kan and Burai Rivers of Sakri Tahsil (District- Dhule) of Maharashtra. *Uttar Pradesh J Zool.* 30(2): 213-219, 2010.
28. **S. K. Patil and S. S. Patole:** Ethno-Medicinal Studies from Charanmal Ghat of Sakri Tahsil., Dhulia (M.S.). *Life Sci Bull* Vol 7(1): 17 – 20, 2010.
29. **Nandre, Y. M. , More, B. C. and Patole, S. S.:**Non-Biopharmacological Approach to Control Hypertension by Yoga. *Int. J. Res. analy and Eval.* Vol 1(8): 36-39, 2010.
30. **M. Z. Chopda, S. S. Patole and R. T. Mahajan:** Wound healing activity of *Sphaeranthus indicus* (Linn) in Albino rats. *Bioresources for Rural Livelihood.* (Edi): G. K. Kulkarni, B. N. Pandey and B. D. Joshi., Narendra Publishing House, New Delhi. 1: 239-244, 2010.
31. **More, B. C. Y. M. Nandre and S. S. Patole:**Studies on dietary influence on the population of Epigeic Species of Earthworm, *Eisenia Foetida*” *J. Env. Bio-Sci.* Vol 24(1): 35-37, 2010.
32. **S. S. Patole:** Efficacy of *Azadirachta* and *Sphaeranthus* in the management of Pulse beetle, *Callosobruchus chinensis* L. in greengram. *J. Eco-friendly Agric;* Vol. 6(1):41-44, 2011.
33. **S. S. Patole and B. C. More:** Studies on Recycling of Agricultural waste by Earthworm, *Eisenia foetida* for sustainable Development of environment. *J. Env. Bio-Sci.* Vol 25 (1): 139-142, 2011.
34. **S. S. Patole and B. C. More:** Efficacy of some medicinal plants against the pulse beetle, *Callosobruchus chinensis* L. (Coleoptera: Bruchidae). Infesting Bengal gram (*Cicer arietinum*) Seed. *Uttar Pradesh J. Zool.* 31(3): 275-279, 2011.



35. **M. U. Patil and S. S. Patole:** Studies on effect of insecticides on oxygen consumption of fresh water fish, *Lepidocephalichthys guntea* (Ham-Buch). *Ecology and Fisheries*, 4(2): 29-32, 2011.
36. **S. S. Patole, S. K. Patil and M. H. Shaikh:** Antimicrobial potential of some plant extracts of Charanmal ghat, Dist- Dhule (M. S.). *J. Adv. Sci & Technol.* 13(3): 69-72, 2010.
37. **More B. C. and Patole, S. S.:** Eco-friendly Vermicomposting and management of water hyacinth by using earthworms. *J. Res. & Dev.* 2(3): 7-11, 2012.
38. **Patil, M. U. and Patole, S. S.:**Effect of Malathion and Cypermethrin on biochemical constituents of freshwater fish, *Lepidocephalichthys guntea* (Ham-Buch). *Int. jour. Shodh, Samiksha aur Mulyankan.* Vol 4 (39):33-35, 2012.
39. **Patole, S. S.:**Studies on nutritional values of some freshwater fish of riverine system from Sakri tahsil of Dhulia District (M.S.). *Int. Jour. Reser. Analy. And evaluation.* Vol- 3(31): 52-53, 2012.
40. **S. S. Patole:** Studies on *in vitro* screening of some medicinal plant extracts for their antimicrobial activities. *Uttar Pradesh J. Zoo.* 32(2):237-241, 2012.
41. **S. S. Patole and Manisha Patil:** Studies on Physico-Chemical qualities of drinking water from Wadibhokar Village of Dhulia District (M. S.). *The Ecotech* 42(2): 169-172, 2012.
42. **More, B. C. and Patole, S. S.:** Bioaccumulation of heavy metals thorough earthworms from water hyacinth (*Eichornia crassifes* Solm) contaminated vermicompost. *J. Environ. Res. Develop.* 7(2A):1047-1050, 2012.
43. **S. S. Patole :**Screening of some indigenous plants for their insecticidal activity against stored grain pest *Callosobruchus chinensis* Linn. *J. Eco friendly Agric.* 8(1): 71-73, 2013.
44. **B. C. More and S. S. Patole:** Eco-friendly management of bio-wastes by using earthworm, *Eisenia foetida*. *Uttar Pradesh J. Zool.* 33(1): 51-56, 2013.
45. **Shaikh, M. H. and Patole, S. S.**
Antipathogenic potential of some common weeds against disease producing microbes. *The Biosphere* 5(1&2):35-39:2013.
46. **S. S. Patole and S. S. Bhoi**
Comparative studies on haematological responses in the fresh water fish, *Punctius chonchonius* exposed to two piscicidal plant extracts. *Biosci. Biotech. Res. Comm.* 6(1): 58-61, 2013.



47. Patole, S. S., Bhoi, S. S. and Patil, M. U.

Phytochemical screening and antimicrobial studies of some indigenous plants. *Journal of Research and Development*. Vol 4(4): 48-54, 2014.

48. Patole, S. S. and Ahirrao, K. D.

Review on health status by clinical analysis of blood and urine of some rural peoples of Pimpalner region, Dist- Dhule (M.S.). *Journal of Research and Development*. Vol 4(6): 18-25, 2014.

49. S. S. Patole

Ichthyofunal diversity of Nandurbar district (Northwest Khandesh region) of Maharashtra (India). *Int. J. Fisheries and Aqua. studies*. 2(2):167-172, 2014.

50. More B. C. and Patole S. S.

Efforts for quality biofertilizers by using three tier systems. *J. Env. Res Dev*. 9(2): 287-292, 2014.

51. B. C. More and S. S. Patole

Composting of *Sesbania sesban* and *Crotolaria juneca* with microorganisms (PGPMS) and earthworm *Eudrilus eugeniae*. *Nat. J. Life Sci*. 11(2): 169-172, 2014.

52. S. S. Patole

Ichthyofaunal diversity of Tapi River flows through Dhule and Nandurbar districts of Northwest Khandesh (Maharashtra), India. *Proc. Zool. Soc. India*. 14(1): 43-50, 2015.

53. S. S. Patole

Higher education scenario in India (Hkkjrkrhy mPp f"kk{k.kkph fLFkrh). National Conference Proceeding (ISBN 978-93-85019-20-3). P. 272-276.

54. More, B. C. and Patole, S. S.

Acute toxicity effects of TiO₂ and Cd(OH)₂ nanoparticles (NPS) on earthworm species *Eudrillus eugeniae*. *J. Environ. Res. Develop*. 10(1): 73-78, 2015.

55. Bagul, P. K., More , B. C. and Patole, S. S.

Studies on acute toxicity of Cypermethrin and Oxyfluorfen on earthworm species, *Eisenia foetida* Savigny, 1826. *J. Res. Dev*. 5(6): November-December, 14-18, 2015.

56. Patole, S. S. and More, B. C.



Vermicomposting of animal wastes by using biocatalyst and earthworm species, *Eudrilus euginae* Kienberg, 1867. *J. Environ. Res. Dev.* 10(3): 463-468, March, 2016.

57. More, B. C. and Patole, S. S.

Biodegradation of silver coated paper dishes by using earthworm *Eudrilus euginae*. *J. Environ. Res. Dev.* 10(3): 523- 528, March, 2016.

58. Patole, S. S., Patil, M. U. and Bhoi, S. S.

Effect of Fenvalerate synthetic pyrethroid on a certain haematological parameters of freshwater fish *Channa marulius* (Ham-Bach). *Int. J. Life Scienti. Res.* 2(3): 269-272. May 2016.

59. Patil, M. U., Patel, S. R. and Patole, S. S.

Studies on morphometry and diversity of mollusca from Nakana lake, Dhule (MS) India. *Golden Res. Thoughts.* 5(7): 1-7. Jan 2016.

60. Patil, M. U., Patole, S. S., Bhoi, S. S. and Ahirrao, K. D.

Malacofaunal distribution, abundance and diversity of the Nakana Lake, Dhule (M.S.) India. *J. Res. in Biol.* 6(2): 1977-1983. May 2016.

61. Patil, M. U., S. S. Patole and K. D. Ahirrao

Comparative study of behavioral responses due to acute exposure of malathion and cypermethrin on freshwater fish, *Lepidocephalichthys guntea* (Hambuch). India. *Golden Res. Thoughts.* 4(10): 1-6. April- 2015.

62. S. S. Bhoi, M. U. Patil and S. S. Patole.

Impact of 3/4th sub lethal concentration of Cypermethrin on haematological parameters of fish, *Channa marulius* (Ham. Buch). *Uttarpradesh J. Zool.*, 36(2): 155-160. Sep. 2016.

63. More, B. C., Patil, D. S. and Patole, S. S.

Effects of Silver coated paper dishes on growth, reproduction, nutrient content and bioaccumulation of earthworm species, *Eudrilus eugeniae* Kinberg, 1867. *Int. J. Inno. Res. Sci. Eng. and Technol.* 5(8): 15393-15397. August- 2016.

64. Bagul, P. K., More, B. C. and Patole, S. S.

Sub lethal effects of Cypermethrin and Oxyfluorfen on stress enzyme activities of Earthworm species, *Eisenia foetida* Savigny, 1826. *Int. J. of Innov. Res. in Sci, Eng and Tech.* 5(12): 21178-21182. December, 2016.

65. Ahirrao, K. D. and Patole, S. S.



iversity of gastropods in the bori river dam, at Tamaswadi, Tal- Parole, Dist- Jalgaon (MS), India. *Golden Res. Thoughts.* 6(6):1-5. December 2016.

66. Deepali Sonawane and S. S. Patole

Studies on ichthyofaunal diversity of nakane, sulwade and dedorgaon dams of Dhule district (M.S.). *Golden Res. Thoughts.* 6(9):1-8, March-2017.

67. Deepali Sonawane and S. S. Patole

Quality assessment of drinking water supplied by Municipal Corporation in Dhule city, MS, India. *Int J. of Innov. Res. in Sci, Eng and Tech.* 6(6): 11601-11608. June -2017.

68. S. S. Patole

Nutritional quality assessment of some cereals and legumes grown from Sakri tahsil Dist- Dhule (M.S.), India. *Int. J. Sci. Info.* 2(4): 479-485, July-August-2017.

69. S. S. Patole

Review on the beetle world and human relationship. GIRA- *Global Journal for Research Analysis.* 6(10): 441-444, October 9; 2017.

70. Bagul, P. K., More, B. C., Patole, S. S.

Studies on sub lethal effect of Cypermethrin and Oxyflorfen on biochemical parameters of earthworm species, *Eisenia foetida* Savigny, 1826. *Int. J. Inno. Res. Sci, Eng. Techno.* 6(10): 20437-20440, Oct. 2017.

71. S. S. Patole.

Review on beetles (Coleopteran): An agricultural major crop pests of the world. *Int. J. Life. Sci. Scienti. Res.*, 3(6): 1424-1432, Nov. 2017.

72. S. S. Patole and S. S. Jadhav.

An overview of fishes of Dhule and Nandurbar districts, Maharashtra, India. *Rec. Zool. Surv. India.* 117(2): 113-117, Feb. 2017.

73. S. S. Patole

Age and sex specific body mass index of different age group students of Sakri, Dist- Dhulia (M.S.), India. *J. Res and Dev.* 8(3): 31-36, Jan. 2018.

74. Bhoi, S. S. and Patole, S. S.

Effects of sublethal concentrations of Fenvalerate on histopathological changes in the gill of fresh water fish species *Channa marulius* (Ham-Buch). *J. Res and Dev.* 8(3): 170-174, Jan. 2018.

75. Deepali Sonawane and S. S. Patole



Limnological survey on plankton diversity from nakana, dedorgaon and sulwade dams of Dhulia district (M.S.), India. *J. Res and Dev.* 8(3): 226-231, Jan. 2018.

76. Patole, S. S.

Survey on some human genetic traits of high school and college students from Sakri, dist- Dhulia (M.S.), India. *J. Res and Dev.* 8(6): 36-40, Feb. 2018.

77. Aparna S. Kalawate and S. S. Patole

First record of a trogid beetle (Coleoptera: Scarabaeoidae; Trogidae) from the western ghats, India. *J. of threatened taxa.* www.threatenedtaxa.org.

10(7): 11988-11991, June 2018.

78. Manisha U. Patil and S. S. Patole

A checklist of freshwater ichthyofauna of Nakana lake, District- Dhule (M.S.) India. *Paripex- Ind. J. of Res.* 7(7): 13-15, July-2018.

79. S. S. Patole

A check list of beetle diversity (Insecta: Coleoptera) from sakri region, Dist- Dhulia (M.S.) India. *J. Emer. Technol and Inno. Res. (JERIR).* 5(8): 1-6, August, 2018.

80. Nandre, Y. M., More, B. C. and Patole, S. S.

Study of synchronize effect of cow urine (Gomutra) and yoga therapy to reduce the hypertension in obese patients. *Int. Multidisci. E- Res. J.* 94:202-206, Jan. 2019.

81 Bhoi, S. S. and Patole, S. S.

Fresh water fish fauna of Panzara and Kan rivers of Sakri Tahsil, Maharashtra (India). *Int. J. Res. Analy. Rev. (IJRAR)* www.ijrar.org vol. 6: 1-6, Jan. 2019.

82. S. S. Patole

Preliminary studies on diversity and relative abundance of Coleopteran beetles of family Carabidae, Meloidae and Tenebrionidae, from Sakri tahsil, District - Dhulia (M.S.). *Int. J. Res. Analy. Rev. (IJRAR)* www.ijrar.org vol. 6: 235-241. Jan. 2019.

83. S. S. Patole

Preliminary investigation on spiders fauna (Arachnida: Araneae) from Sakri tahsil, District - Dhulia (M.S.), India. *Int. Multidisci. J. Ajanta-* ISSN 2277-5730. (www.sjifactor.com). Vol VIII (I): 144-152. Jan. 2019

84. Bagul, P. K., More, B. C. and Patole, S. S.



Studies of sublethal effects of Cypermethrin and Oxyfluorfen on reproductive parameters of earthworm species, *Eisenia foetida* Savigny, 1826. *Int. Multidisci. J. Ajanta*- ISSN 2277-5730. (www.sjifactor.com). Vol VIII (I): 105-109. Jan. 2019.

85. Bhoi, S. S. and Patole, S. S.

Biochemical alteration in freshwater fish, *Channa marulius* (Ham Buch) exposed to 1/4th sub lethal concentrations of Cypermethrin and fenvalerate. *Int. J. Recent Sci. Res.* 10 (10/B): 35236-35239, Oct. 2019 (Online at <http://www.recentscientific.com>)

86. S. S. Patole

Studies on diversity and relative abundance of dung beetles (Coleoptera : Scarabaeidae) from Sakri tahsil, Dist- Dhulia (M.S.). *Ind. J. App. Res.* 9(10): 57-60, Oct. 2019.

87. Bhoi, S. S. and Patole, S. S.

Biochemical changes of fresh water fish, *Channa marulius* (Ham Buch) exposed to 3/4th sub lethal concentration of Cypermethrin and Fenvalerate. *Int. J. Life Sci.* Special issue A 13, 14-18, Dec. 2019.

88. Nandre, Y. M. and Patole, S. S.

Effect of yoga practices with suryanamaskar on flexibility, BMI, Hb level in underweight anemic college students. *Int. J. Life Sci.* Special issue A 13, 143-149, Dec. 2019.

89. Sonawane Deepali and Patole S. S.

Assessment of physical parameters of Dedargaon Dam, Dist- Dhule, Maharashtra, India. *Int. J. Life Sci.* Special issue A 13, 276-282, Dec. 2019.

90. B. C. More, Y. M. Nandre, H. M. Shaikh and S. S. Patole

Effect of Biodegradable plastic paper on growth and reproduction of earthworm, *Eudrilus eugeniae*. *Bioinfolet.* 17 (1B): 112-113. Jan-Mar, 2020.

91. Y. M. Nandre, B. C. More and S. S. Patole

Effect of Yoga therapy on TSH and BMI. *Bioinfolet.* 17 (1B): 200-201. Jan-Mar, 2020.

92. S. S. Patole

A survey on drug abuse in rural population from Sakri tahsil, district- Dhulia (M.S.), India. *Int. J. Emer. Techno. Innov. Res. (JETIR).* 7(7): 1714-1720, July 2020.



93. Bhoi, S. S. and Patole S. S.

Impact of 1/4th sub lethal concentration of Cypermethrin and Fenvalerate on acid and alkaline phosphatase enzyme of fresh water fish, *Channa marulius* (Ham-Buch). *Int. J. Ana. Expt. Modal Analysis*. 12(9):145-152, September, 2020.

94. Dr. S. S. Patole

A review on classification of Indian condiments. *Edu Care. A mul. Int. peer Revi/Referred J.* Vol IX (1):160-165, Jan-Dec- 2020.

95. Dr. S. S. Patole

A Review on natural enemies of as biological control agents of agricultural importance. *J. of Res. And Dev.* Volume (10)13: 10-11. Special issue: New Trends in Research and innovation Technology): December- 2020

96. Manisha U. Patil and S. S. Patole

Seasonal variation, Diversity indices and correlation of phytoplanktons from Nakane lake, District Dhule (MS) India. *Int. J. for Inno. Res. In Multidis. Field.* Special issue of A two day international (Web) conference on “New vistas in Aquatic and terrestrial biology and environment during current pandemic” March 23 & 24, 2021. ATBE-2021. Page 35-41.

97. Nandre, Y. M. and Patole, S. S.

Studies on effect of Yoga practices on obesity and lipid profile of rural people. *Int. J. for Inno. Res. In Multidis. Field.* Special issue of A two day international (Web) conference on “New vistas in Aquatic and terrestrial biology and environment during current pandemic” March 23 & 24, 2021. ATBE-2021. Page 247-250.

98. Pawara, S. N., S. S. Patole and Aparna S. Kalawate.

Diversity of hawkmoths (Lepidoptera: Sphingidae) of Nandurbar, Maharashtra, India. *Insect Environment*. 24 (2): 256-271. (June, 2021).

99. Shital Pawara, S. S. Patole and Aparna Kalawate.

A preliminary checklist of moths from Nandurbar, Maharashtra, India. *Journal of Maharaja Sayajirao University of Baroda*. 55, 1 (1): 623-630. July, 2021.



Research Papers: Oral / Poster Presented in National/ International Conferences

- 1 Effect of plant extracts on Oxygen consumption Rate in fish: *Naemacheilus evezardi* (Day). Abstract published in the proceeding of section of Plant Sciences. Abstract No. 101, p. 89. 90th Indian Science Congress, Bangalore. Jan. 3-7, 2003.
- 2 Studies on metabolic changes on intoxication by plant extracts in fish: *Naemacheilus evezardi* (Day). Abstract published in the proceeding of Animal, Veterinary and Fishery Sciences. Abstract No. 87, p 85. 91st Indian Science Congress, Punjab University, Chandigarh. Jan. 3-7, 2004.
- 3 Histomorphological changes in stomach and liver of *Naemacheilus evezardi* (Day). On acute exposure of aqueous extracts of leaves of *Cestrum nocturnum* (Linn). Abstract published in the proceeding of Animal, Veterinary and Fishery Sciences. Abstract No. 114, pp 76-77. 92nd Indian Science Congress, Nirma University, Ahmedabad. Jan. 3-7, 2005.
- 4 In *vitro* haemolytic activity of some Ichthyotoxic Indigenous plants. Abstract published in the proceeding of Animal, Veterinary and Fishery Sciences. Late Abstract No. 1, pp. 23-24. 92nd Indian Science Congress, Nirma University, Ahmedabad. Jan. 3-7, 2005.
- 5 Research paper presented on "In *vitro* haemolytic activity of some Ichthyotoxic indigenous plants" C. V. Raman Memorial Seminar (RMS-2005). Abstract-Life Sciences, PL-5, pp. 33. Organized by North Maharashtra University, Jalgaon. Feb. 28, 2005.
- 6 Prospectives of Eco-friendly botanicals as pesticides of tomorrow: An overview. Abstract published (Poster display) in the proceeding of National Conference on Recent Trends in Synthetic organic Chemistry (RTSOC-2005). Organized by School of Chemical Sciences, North Maharashtra University, Jalgaon. Abstract p. No. 40. Dec. 16-17, 2005.
- 7 Ichthyotoxic activity of some indigenous plants against fish: *Lepidocephalichthys guntea* (Ham-Buch). Abstract published in the proceeding of Animal, Veterinary and Fishery Sciences. Abstract No. 20, pp 14-15, 93rd Indian Science Congress, Acharya N. G. Ranga Agricultural University, Hyderabad. Jan. 3-7, 2006.
- 8 Studies on some biological activities of a common weed plant: *Sphaeranthus indicus* Linn. Abstract published in the proceeding of the 93rd Indian Science Congress,



- Hyderabad. Jan. 3-7, 2006. Part IV (Late Abstract No. 1, Pp 1-2). In section of Animal, Veterinary and Fishery Sciences.
- 9 Paper (Poster) presentation "Study of Antimicrobial activity of herbal plant extracts from Khandesh region". National Symposium on Interdisciplinary Science in Pharmacy at Smt. Sharad Chandrika S. Patil Pharmacy College, Chopda, Dist-Jalgaon. Feb. 24-25, 2006. Abstract no. PG. 10 p. 68.
 - 10 Research paper presented on "Biocidal activity of common weed: *Sphaeranthus indicus* Linn". C. V. Raman Memorial Seminar (RMS-2006). Abstract- Life Sciences, PL-5, p. 33. Organized by North Maharashtra University, Jalgaon. Feb. 28, 2006.
 - 11 Research paper entitled "Ichthyotoxic properties of some Solanaceous plants in Fish: *Lebistus reticulatus* (Peters)" poster presented at 94th Indian Science Congress, Chidambaram (Tamilnadu). Jan, 3-7, 2007. In the section Animal, Veterinary and Fishery Sciences. Abstract No. 294, pp. 235-236.
 - 12 Paper (Poster) presented entitled "Wound healing plants of Khandesh Region (M.S.) at 94th Indian Science Congress, Chidambaram (Tamilnadu). Jan, 3-7, 2007. In the Section Plant Sciences. Abstract No. 274, p. 186.
 - 13 Paper (Poster) presented entitled "Comparative bio-efficacy of *Azadirachta indica* A. Juss and *Sphaeranthus indicus* Linn as stored grain protectants of green gram (*Vigna radiata* Linn) against pulse beetle, *Callosobruchus chinensis* Linn. At 5th World Neem Conference at Coimbtore (Tamilnadu). In section of Pest control. Abstract No. 1, p. 91. 21-11 to 24-11-2007
 - 14 Research paper (Poster) entitled "Piscicidal activity of some indigenous plants against fish: *Lepidocephalichthys guntea* (Ham-Buch)." presented at 95th Indian Science Congress, Visakhapatnam (A. P.) Jan, 3-7, 2008. In the section of Environmental Sciences Abstract No. 46, p. 31.
 - 15 Research paper (poster) entitled "Studies on acute toxicity of some indigenous plants against *Callosobruchus chinensis* (Coleoptera: Bruchidae)". Presented at 95th Indian Science Congress, Visakhapatnam (A.P.) Jan, 3-7, 2008. In the section of Animal, Veterinary and Fishery Sciences. Abstract No. 46. p. 39.
 - 16 Research paper (Poster) entitled "In vitro Haemolytic activity of some indigenous plants in Human Red Blood Carpuscles" Presented at 95th Indian Science Congress, Visakhapatnam (A.P.) Jan, 3-7, 2008. In the section of Medical Sciences (Including Physiology). Abstract No. 80. p. 60.



- 17 Research paper (poster) entitled "Persistent toxicidal effect of Neem and Gorakhmundi against pulse beetle, *Callosobruchus chinensis* Linn". Presented at 96th Indian Science Congress, North Eastern Hill University, Shillong (Meghalaya). Jan, 3-7, 2009. In the section of Animal, Veterinary and Fishery Sciences. Abstract No. 285. p.213.
- 18 Research paper (Poster) entitled "Effects of some indigenous plants as larvicides against Mosquito larvae of *Anopheles* Spp." presented at 96th Indian Science Congress, North Eastern Hill University, Shillong (Meghalaya). Jan, 3-7, 2009. In the section of Environmental Sciences. Abstract No. 122, p. 82.
- 19 Research paper (Oral) entitled "Wound healing activity of *Curcuma longa* and *Hamiltonia suavolens* in Rat". Presented at 5th World Congress of Cellular and Molecular Biology, Indore (India). Nov. 2-6, 2009. Symposium No. 5. Herbal Drugs for cellular therapy. Abstract No. 25, p. 29-30.
- 20 Research paper (poster) entitled "A note on ichthyofauna of Panzara river (Tah. Sakri) of Dhule District of Maharashtra". Presented at 97th Indian Science Congress, Thiruvananthapuram (Kerala). Jan, 3-7, 2010. In the section of Animal, Veterinary and Fishery Sciences. Abstract No. BR-6, p 137-138.
- 21 Research paper (poster) entitled "Wound healing activity of *Sphaeranthus indicus* (Linn) in Albino rats". Presented at 97th Indian Science Congress, Thiruvananthapuram (Kerala). Jan, 3-7, 2010. In the section of Animal, Veterinary and Fishery Sciences. Abstract No. PH-20, p 301.
- 22 Research paper (poster) entitled "Efficacy of *Azadirachta* and *Sphaeranthus* plant extracts against pulse beetle, *Callosobruchus chinensis* L. in infesting Green gram". Presented at 97th Indian Science Congress, Thiruvananthapuram (Kerala). Jan, 3-7, 2010. In the section of Plant Sciences. Abstract No. 136.
- 23 Research paper (poster) entitled "Efficacy of *Azadirachta indica* and *Sphaeranthus indica* plant extracts against pulse beetle, *Callosobruchus chinensis* L. in infesting Green gram". Presented at National conference on advances in microbial biotechnology and interdisciplinary approaches. Held at M. J. College, Jalgaon. Jan 22-23, 2010. Abstract No. AMBI 2010 ID 12, p. 64.
- 24 Abstract entitled "Lac culture" published in proceeding of State level seminar on "Recent trends in Agro based industries for community development". Held at S. G. P. College, Sakri Dist- Dhule. Feb 8-9, 2010. pp. 28.



- 25 Research paper (Oral) entitled “Studies on recycling of agricultural waste by earthworm, *Eisenia foetida* for sustainable development of environment”. Presented at 3rd International Congress of Environmental Research (ICER- 10). Held at University of Mauritius, Reduit, Mauritius. September 16-18, 2010. Section: Life Sciences, Abstract No. 267.
- 26 Research paper (Oral) entitled “Efficacy of some medicinal plants against the pulse beetle, *Callosobruchus chinensis* L. (Coleoptera: Bruchidae) Infesting Bengal gram (*Cicer arietinum*) Seed”. Presented at National conference on Biotechnology for All (NCBFA-2010) Organized by School of life Sciences, North Maharashtra University, Jalgaon. December 29-30, 2010.
27. Research paper (Oral) entitled “Eco-Friendly Vermicomposting and Management of Water Hyacinth by using Earthworms”. Presented at 4th International Congress of Environmental Research (ICER- 11). Held at S. V. National Institute of Technology, Surat (Gujarat). December 15-17, 2011. Section: Life Sciences, Abstract No. 210.
28. Research paper (Oral) entitled “Bioaccumulation of Heavy Metals through Earthworms from Water Hyacinth Contaminated Vermicompost”. Presented at 4th International Congress of Environmental Research (ICER- 11). Held at S. V. National Institute of Technology, Surat (Gujarat). December 15-17, 2011. Section: Physical Sciences, Abstract No. 239.
29. Research paper (Oral) entitled “Impact of insecticides viz., Malathion and Cypermethrin on Oxygen consumption rate in fresh water fish, *Lepidocephalichthys guntea* (Ham-Buch)”. Presented at 4th International Congress of Environmental Research (ICER- 11). Held at S. V. National Institute of Technology, Surat (Gujarat). December 15-17, 2011. Section: Life Sciences, Abstract No. 899.
30. Research paper (poster) entitled “Induced effect of Malathion and Cypermethrin insecticides on biochemical constituents of freshwater fish, *Lepidocephalichthys guntea* (Ham-Buch)”. Presented at 99th Indian Science Congress, KIIT University Bhubaneswar (Odisha). Jan, 3-7, 2012. In the section of Animal, Veterinary and Fishery Sciences. Abstract No. F-P. 33. P. N. 190-191.
31. Research paper (poster) entitled “Review on health status by clinical analysis of blood and urine of some rural peoples of Pimpalner region, Dist- Dhule (M.S.)”. Presented at 99th Indian Science Congress, KIIT University Bhubaneswar (Odisha). Jan, 3-7, 2012. In the section of Medical Sciences. Abstract No. 17, P. N. 151.



32. Research paper (poster) entitled "Antimicrobial Potential of Some plant extracts of Charanmal Ghat, Dist- Dhule (M. S.)". Presented at 99th Indian Science Congress, KIIT University Bhubaneswar (Odisha). Jan, 3-7, 2012. In the section of Plant Sciences. P. N. 54.
33. Research paper (poster) entitled "Phytochemical studies and Antimicrobial screening of some indigenous plants. Presented during National conference on "Trends in chromatography and spectroscopic techniques" organized by R. C. Patel institute of Pharmaceutical education and research, Shirpur Dist- Dhule. October 6, 2012. Abstract No. AS – 10.
34. Research paper (Oral) entitled "Studies on physico-chemical qualities of drinking water from Wadibhokar Village of Dhulia district (M. S.)." Presented at 5th International Congress of Environmental Research (ICER- 12). Held at University Malaysia Terengganu (UMT), Kaula Terengganu, Malaysia. November 22-24, 2012. Section: Physical Sciences, Abstract No. PS- 155.
35. Research paper (Oral) entitled "Eco-friendly management of bio-wastes by using earthworm, *Eisenia foetida*." Presented at 5th International Congress of Environmental Research (ICER- 12). Held at University Malaysia Terengganu (UMT), Kaula Terengganu, Malaysia. November 22-24, 2012. Section: Physical Sciences, Abstract No. PS-109.
36. Research paper (Oral) entitled "Comparative studies on haematological responses in the freshwater fish, *Punctius chonchonius* (Ham-Buch) exposed to two piscicidal plant extract" Presented at UGC and DST sponsored National Conference on Biodiversity and environmental impact (NCBEI-2012), organized by Department of Zoology, ASC College Navapur, Dist- Nandurbar. December 22-23, 2012. Abstract No.,OP-3, Page. No. 31.
37. Comparative studies on haematological responses in the freshwater fish, *Punctius chonchonius* (Ham-Buch) exposed to two piscicidal plant extract. Presented during National conference on Biodiversity and environmental impact NCBEI-2012. Organized by Dept. of Zoology ASS and SPS's Arts, Commerce and Science college, Navapur dist- Nandurbar in collaboration with Indian Academy of Environmental Sciences, Haridwar . Dec 22-23, 2012.
38. Research paper (poster) entitled "Comparative studies on haematological responses in the freshwater fish, *Punctius chonchonius* (Ham-Buch) exposed to two piscicidal plant extract". Presented at 100th Indian Science Congress, Held at Calcutta



- University, Kolkata. Jan, 3-7, 2013. In the section of Animal veterinary and fishery sciences. Abstract No. ABF F-111, P. N. 220.
39. Research paper (poster) entitled “Anti-pathogenic potential of some common weeds against disease producing microbe”. Presented at 100th Indian Science Congress, Held at Calcutta University, Kolkata. Jan, 3-7, 2013. In the section of Plant Sciences. Abstract No. 100, P. N. 220.
40. Research paper (Oral) entitled “Phytochemical screening and antimicrobial studies of some indigenous plants: Presented at National conference on Animal biodiversity and recent trends in zoological research (ABRTZ-2013) P.S.G. V. P. Mandals, Shahada dist- Nandurbar. 6-7/12/2013.
41. Research paper (Oral) presented entitled “Quality biofertilizers by using microbial inoculation and vermicomposting technology” in National Conference on Recent Advances in Environmental Sciences. (NCRAES-2014) at Late Karmveer Dr. P. R. Ghogare Science College, Dhule. 19-20 Jan 2014.
42. Research paper (poster) entitled “**Studies on freshwater fish fauna of district Dhule in Northern Maharashtra, India**”. Presented at 102th Indian Science Congress, Held at University of Mumbai, Jan 3-7, 2015. In the section of Animal, Veterinary and fishery Sciences. Abstract No. FD-P-08, P. N. 239.
43. Research paper (poster) entitled “**Composting of *Sesbania sesban* and *Crotalaria juncea* with microorganisms (pgpms) and earthworm *Eudrilus eugeniae***”. Presented at 102th Indian Science Congress, Held at University of Mumbai. Jan 3-7, 2015. In the section of Environmental Sciences. Abstract No. P- 102 P. N. 160.
44. Oral Paper presented entitled “Higher education scenario in India (Hkkjkrhy mPp f’k{k.kkph fLFkrh).” UGC Sponsored National Conference on “The present Scenario of Indian Higher Education system: Strength, Weakness, Opportunities and Threats (SWOT-2015). Organized by S. S. P. Mandal’s Vasantaro Naik Arts, Science and Commerce College, Shahada, Dist- Nandurbar. Date, August 13 & 14, 2015.
45. Oral paper presented entitled “An overview of fishes of Dhule district, Maharashtra, India.” At 103rd Indian Science Congress organized by University of Mysore, Mysuru during January 3-7, 2016. In the section Animal, Veterinary and Fishery Science. Abstract No. ABF-O-22. P. N. 84.
46. Poster presented entitled “Effect of Fenvalerate a synthetic pyrethroid on a certain haematological parameters of freshwater fish *Channa marulius* (Ham-Buch)” At 103rd Indian Science Congress organized by University of Mysore, Mysuru during January



- 3-7, 2016. In the section Animal, Veterinary and Fishery Science. Abstract No. EBT-P-39. P. N. 213.
47. Oral paper presented entitled “Malacofaunal distribution, abundance and diversity of the Nakana lake, Dhule (MS) India.” At 103rd Indian Science Congress organized by University of Mysore, Mysuru during January 3-7, 2016. In the section Animal, Veterinary and Fishery Science. Abstract No. FD-O-25. P. N. 357.
48. Oral presentation on “**Vermicomposting of animal wastes by using biocatalyst and earthworm species, *Eudrilus euginae* Kienberg, 1867.**” 8th International Congress of Environmental Research (ICER-16). Held at FACH HOCHSCHULE LUBECK, University of Applied Sciences, Luebeck, Germany. July 27-28, 2016.
49. Oral presentation on “ **Biodegradation of silver coated paper dishes by using earthworm, *Eudrilus euginae***” 8th International Congress of Environmental Research (ICER-16). Held at FACH HOCHSCHULE LUBECK, University of Applied Sciences, Luebeck, Germany. July 27-2, 2016.
50. Attended (oral presentation) on Effect of Cypermethrin on liver histopathology of freshwater fish *Channa marulius* (Ham-Buch). International symposium on Understanding the molecules of life in the era of new biology and 28th all India congress of Zoology (AICZ) at Davangere University, Karnataka. October 20-22, 2016.
51. Attended (Poster presented) On **Review on the Beetle world and human Relationship**” In Avishkar- 2017 at V.W. S. College, Dhule. On 3/1/2017.
52. Quality biomass and biofertilizer production from fruits and soil of *Ficus religiosa* (Peepal tree) and *Ficus benghalensis* (Banyan tree) by using earthworm, *Eudrilus eugeniae*. International conference on innovations in biological and chemical science (ICIBCS 2017), at D. N. College, Faizpur Dist- Jalgaon. December 21-22, 2017.
53. Checklist of birds in and around the parola, district jalgaon (MS) India. International conference on innovations in biological and chemical science (ICIBCS 2017), at D. N. College, Faizpur Dist- Jalgaon. December 21-22, 2017.
54. Age and Sex specific body mass index of different age group students of Sakri, Dist- Dhulia (M.S.), India. In National conference on “Recent trends in Agriculture and Rural development in India” (RTARDI) organized by Uttamrao Patil Arts and Science College, Dahiwel, Tal- Sakri Dist- Dhule. On 20/01/2018.



55. Research paper (Poster) entitled "Review on beetle world and human relationship" presented in Section-I, Agriculture and Forestry Sciences, during 106th Indian Science Congress held at Lovely Professional University, Jalandhar, Panjab. Jan., 3-7, 2019.
56. Research paper (Poster) entitled "Fresh water fish fauna of Panzara and Kan rivers of Sakri Tahsil, Maharashtra (India)." presented in Section-II, Animal and Fishery Sciences, during 106th Indian Science Congress held at Lovely Professional University, Jalandhar, Panjab. Jan., 3-7, 2019.
57. Research Paper (oral) entitled "Preliminary studies on diversity and relative abundance of Coleopteran beetles of family Carabidae, Meloidae and Tenebrionidae, from Sakri tahsil, District - Dhulia (M.S.). " Presented in "National Conference on Recent trends in life Sciences" (RTILS-2019. At S. S. V. P. S. ASC College, Shindkheda, Dist- Dhule. On dated 18/01/2019.
58. Preliminary investigation on spiders fauna (Arachnidae:Araneae). Presented during national conference on global warming and human development (NCGWHD-2019) organized by Smt. N.N.C. Arts, Comm and Science College, Kusumba, Tal. Dist. Dhule on dated 30/01/2019.
59. Poster presented on "Studies of sublethal effect of Cypermethrin and Oxyfluorfen on the reproductive parameters of earthworm. At national conference on global warming and human development (NCGWHD-2019) organized by Smt. N.N.C. Arts, Comm and Science College, Kusumba, Tal. Dist. Dhule on dated 30/01/2019.
60. Presented paper entitled Diversity and abundance of Scarabacudae beetles from Sakri taluka, Dhule (MS). In National conference on Challenges in life sciences and agrobased industries for rural development organized by Department of Zoology and Botany, ASC College, Bodvad Dist. Jalgaon. On December 21, 2019.
61. Presented a poster on Effect of yoga therapy on TSH and BMI. In national conference on "Recent trends in biosciences and environmental Science (RTBES 2020)". Organized by Department of Botany and Zoology, M. J. College, Jalgaon (M.S.) on January 16-17, 2020.

Book published

1. A reference book entitled PHYTOTOXICANTS published by MJP Publishers, Chennai. (2010).
2. Text book for F. Y. B. Sc. Zoology (Semester - I). Paper- I: Animal Diversity of Non- chordates and Paper- II: Pest Management. (2010).
3. A Text book of ZOOLOGY (Zoo :121- Diversity of Chordates) for F. Y. B. Sc. (Semester – II, Paper- I) (2010).



4. A Text book of ZOOLOGY (Zoo:122- Apiculture) for F. Y. B. Sc. (Semester – II, Paper- II). (2011).
5. A Text book of Zoology (Zoo 211: Functional Anatomy of Non-chordates). S. Y. B.Sc. Semester- I, Paper-I (2011).
6. A Text book of Zoology (Zoo 212: Applied Cytogenetics). S. Y. B.Sc. Semester- I, Paper-II. (2011).
7. A Text book of Zoology (Zoo 221: Functional Anatomy of Chordates). S. Y. B.Sc. Semester- II, Paper-I.(2011).
8. A Text book of Zoology (Zoo 222: Medical Zoology). S. Y. B.Sc. Semester- II, Paper-II. (2011).
9. A Text book of Zoology (Zoo 111: Non-chordates -I). F. Y. B.Sc. Semester- I, Paper-I. (2012).
10. A Text book of Zoology (Zoo 112: Parasitology). F. Y. B.Sc. Semester- I, Paper-II. (2012).
11. Zoology Practical Handbook. F. Y. B. Sc. Zoo 103. (2012).
12. Published A Text book of ZOOLOGY (Zoo: 121- Chordates-I) for F. Y. B. Sc. (Semester –II, Paper- I). (2012).
13. Published A Text book of ZOOLOGY (Zoo: 122- Ecology) for F. Y. B. Sc. (Sem– II, Paper- II). (2012).
14. Text book of Zoology (Zoo 231: Non-chordates -II). S. Y. B.Sc. Semester- I, Paper-I.(2013)
15. A Text book of Zoology (Zoo 232: Mammalian Histology). S. Y. B.Sc. Semester- I, Paper-II. (2013)
16. Zoology Practical Handbook. S. Y. B. Sc. Zoo 203. (2013).
17. A Text book of Zoology (Zoo 241: Chordates -II). S. Y. B.Sc. Semester- II, Paper-I.(2014)
18. A Text book of Zoology (Zoo 242: Mammalian Physiology). S. Y. B.Sc. Semester- II, Paper-I.(2014).
19. A Text book - Non-Chordates-I (ZOO 111), For F. Y. B.Sc. Sem-I, P-I. Academic Book Publications, Jalgaon. July 2015.



20. A Text book- (ZOO 112) For F. Y. B.Sc. Sem-I, P-II. Academic Book Publications, Jalgaon. July 2015.
21. A Text book of Practical Zoology (ZOO 103) For F. Y. B.Sc. Sem-I &II. Academic Book Publications, Jalgaon. July 2015.
22. Zoology- ZOO 112: Cell Biology (For F. Y. B. Sc. Sem-I, P-II). Vrinda Publication, Jalgaon. June 2015.
23. Zoology Practical Handbook: ZOO 103 (For F. Y. B. Sc. Sem-I & II). Vrinda Publciation, Jalgaon. June 2015.
24. Text Book on Chordates-I for F. Y. B.Sc. Sem-II, P-I. (ZOO 121). Academic Book Publications, Jalgaon (M.S.), Jan 2016.
25. Text Book of Applied Zoology-I for F. Y. B.Sc. Sem-II, P-II. (ZOO 122). Academic Book Publications, Jalgaon (M.S.), Jan 2016.
26. Text Book on Chordates-I for F. Y. B.Sc. Sem-II, P-I. (ZOO 121). Vrinda Publications, Jalgaon (M.S.), Jan 2016.
27. Text Book on Applied Zoology-I for F. Y. B.Sc. Sem-II, P-II. (ZOO 122). Vrinda Publications, Jalgaon (M.S.), Jan 2016.
28. Zoology- ZOO-231: Non-chordates-II (For S. Y. B. Sc. Sem-I, P-I). Vrinda Publication, Jalgaon. July 2016.
29. Zoology- ZOO-232: Medical Zoology (For S. Y. B. Sc. Sem-I, P-II). Vrinda Publication, Jalgaon. July 2016.
30. Zoology Practical. ZOO 233, 243. (For S. Y. B. Sc. Sem-I&II, P-III). Vrinda Publication, Jalgaon. July 2016.
31. Zoology- ZOO-231: Non-chordates-II (For S. Y. B. Sc. Sem-I, P-I). Academic Book Publications, Jalgaon. June 2016.
32. Zoology- ZOO-232: Medical Zoology (For S. Y. B. Sc. Sem-I, P-II). Academic Book Publications, Jalgaon. June 2016.
33. Practical Zoology. ZOO 233, 243. (For S. Y. B. Sc. Sem-I&II, P-III). Academic Book Publications, Jalgaon. June 2016.
34. Zoology- ZOO-241: Chordates-II (For S. Y. B. Sc. Sem-II, P-I). Academic Book Publications, Jalgaon. Nov. 2016.



35. Zoology- ZOO-242: Applied Zoology- II (For S. Y. B. Sc. Sem-II, P-II).
Academic Book Publications, Jalgaon, Nov. 2016.
36. Zoology- ZOO-352: Cell and molecular Biology (For T. Y. B. Sc. Sem-I, P-II).
Prashant Publications, Jalgaon. August, 2017.
37. Zoology- ZOO-356 (C): Public health and hygiene (For T. Y. B. Sc. Sem-I, P-
VI). Prashant Publications, Jalgaon. August, 2017.
38. Zoology- ZOO-361: Chordates-III (For T. Y. B. Sc. Sem-II, P-I). Prashant
Publications, Jalgaon. Jan 2018.
39. Zoology- ZOO-366 (C): Applied Zoology-III (For T. Y. B. Sc. Sem-II, P-VI).
Prashant Publications, Jalgaon. Jan. 2018.
- 40 ZOO-101: Animal Diversity-I (For F. Y. B. Sc.) Sem-I, P-I. Academic publications,
Jalgaon. August, 2018.
- 41 ZOO-102: Animal Diversity-II (For F. Y. B. Sc.) Sem-I, P-II. Academic publications,
Jalgaon. August, 2018.
- 42 ZOO-103: Practical Zoology (For F. Y. B. Sc.) Sem-I, P-III. Academic publications,
Jalgaon. August, 2018.
- 43 ZOO- 201: Comparative anatomy of Vertebrates. (For F. Y. B. Sc.) Sem-II, P-I.
Academic publications, Jalgaon. December, 2018.
44. ZOO- 202: Developmental Biology of Vertebrates. (For F. Y. B. Sc.) Sem-II, P-II.
Academic publications, Jalgaon. December, 2018.
45. ZOO- 301: Physiology. (For S. Y. B. Sc.) Sem-I. P-I. Academic publications, Jalgaon.
July. 2019.
46. ZOO- 302: Biochemistry. (For S. Y. B. Sc.) Sem-I. P-II. Academic publications,
Jalgaon. July. 2019.
47. ZOO- 304: Apiculture (Skill Enhancement Coures, SEC-I). (For S. Y. B. Sc.) Sem-I.
Academic publications, Jalgaon. July. 2019.
48. ZOO- 401: Genetics. S. Y. B. Sc. Sem-II, P-I. Academic publications, Jalgaon. Nov-
2019.
49. ZOO- 402: Evolutionary Biology. S. Y. B. Sc. Sem-II, P-II. Academic publications,
Jalgaon. Nov. - 2019.
50. ZOO- 404. Medical Diagnostics. S. Y. B. Sc. Sem-II, P-III. Skill Enhancement
Course. Nov. 2019.



51. ZOO-502. Cell and Molecular Biology. T. Y. B. Sc. Sem-V (CBCS Pattern). Prashant Publication, Jalgaon. Oct. 2020.
52. ZOO 506(B). Aquarium Fish Keeping. T. Y. B. Sc. Sem-V (CBCS Pattern). Prashant Publication, Jalgaon. Oct. 2020.
53. Biodiversity of Riverine fishes from Dhulia and Nandurbar districts of Maharashtra State, India. Prashant publications, December- 2020.
54. Tumachya – Aamachya Kavita (Sangrahit). Prashant publications, December- 2020.
55. ZOO 601: Study of Leech and Calotes. T. Y. B .Sc. Sem-VI. P-I (CBCS Pattern). Prashant publications, March -2021.
56. ZOO 603: Applied Zoology. T. Y. B .Sc. Sem-VI. P-III (CBCS Pattern). Prashant publications, March -2021.
57. ZOO 604: Microtechnique. T. Y. B .Sc. Sem-VI. P-IV (CBCS Pattern). Prashant publications, March -2021.

Research papers presented in National & International Conferences

- 26 Effect of plant extracts on Oxygen consumption Rate in fish: *Naemacheilus evezardi* (Day). Abstract published in the proceeding of section of Plant Sciences. Abstract No. 101, p. 89. 90th Indian Science Congress, Bangalore. Jan. 3-7, 2003.
- 27 Studies on metabolic changes on intoxication by plant extracts in fish: *Naemacheilus evezardi* (Day). Abstract published in the proceeding of Animal, Veterinary and Fishery Sciences. Abstract No. 87, p 85. 91st Indian Science Congress, Punjab University, Chandigarh. Jan. 3-7, 2004.
- 28 Histomorphological changes in stomach and liver of *Naemacheilus evezardi* (Day). On acute exposure of aqueous extracts of leaves of *Cestrum nocturnum* (Linn). Abstract published in the proceeding of Animal, Veterinary and Fishery Sciences. Abstract No. 114, pp 76-77. 92nd Indian Science Congress, Nirma University, Ahmedabad. Jan. 3-7, 2005.
- 29 *In vitro* haemolytic activity of some Ichthyotoxic Indigenous plants. Abstract published in the proceeding of Animal, Veterinary and Fishery Sciences. Late



- Abstract No. 1, pp. 23-24. 92nd Indian Science Congress, Nirma University, Ahmedabad. Jan. 3-7, 2005.
- 30 Research paper presented on “In *vitro* haemolytic activity of some Ichthyotoxic indigenous plants” C. V. Raman Memorial Seminar (RMS-2005). Abstract- Life Sciences, PL-5, pp. 33. Organized by North Maharashtra University, Jalgaon. Feb. 28, 2005.
- 31 Prospectives of Eco-friendly botanicals as pesticides of tomorrow: An overview. Abstract published (Poster display) in the proceeding of National Conference on Recent Trends in Synthetic organic Chemistry (RTSOC-2005). Organized by School of Chemical Sciences, North Maharashtra University, Jalgaon. Abstract p. No. 40. Dec. 16-17, 2005.
- 32 Ichthyotoxic activity of some indigenous plants against fish: *Lepidocephalichthys guntea* (Ham-Buch). Abstract published in the proceeding of Animal, Veterinary and Fishery Sciences. Abstract No. 20, pp 14-15, 93rd Indian Science Congress, Acharya N. G. Ranga Agricultural University, Hyderabad. Jan. 3-7, 2006.
- 33 Studies on some biological activities of a common weed plant: *Sphaeranthus indicus* Linn. Abstract published in the proceeding of the 93rd Indian Science Congress, Hyderabad. Jan. 3-7, 2006. Part IV (Late Abstract No. 1, Pp 1-2). In section of Animal, Veterinary and Fishery Sciences.
- 34 Paper (Poster) presentation “Study of Antimicrobial activity of herbal plant extracts from Khandesh region”. National Symposium on Interdisciplinary Science in Pharmacy at Smt. Sharad Chandrika S. Patil Pharmacy College, Chopda, Dist-Jalgaon. Feb. 24-25, 2006. Abstract no. PG. 10 p. 68.
- 35 Research paper presented on “Biocidal activity of common weed: *Sphaeranthus indicus* Linn”. C. V. Raman Memorial Seminar (RMS-2006). Abstract- Life Sciences, PL-5, p. 33. Organized by North Maharashtra University, Jalgaon. Feb. 28, 2006.
- 36 Research paper entitled “Ichthyotoxic properties of some Solanaceous plants in Fish: *Lebistus reticulatus* (Peters)” poster presented at 94th Indian Science



- Congress, Chidambaram (Tamilnadu). Jan, 3-7, 2007. In the section Animal, Veterinary and Fishery Sciences. Abstract No. 294, pp. 235-236.
- 37 Paper (Poster) presented entitled “Wound healing plants of Khandesh Region (M.S.) at 94th Indian Science Congress, Chidambaram (Tamilnadu). Jan, 3-7, 2007. In the Section Plant Sciences. Abstract No. 274, p. 186.
- 38 Paper (Poster) presented entitled “Comparative bio-efficacy of *Azadirachta indica* A. Juss and *Sphaeranthus indicus* Linn as stored grain protectants of green gram (*Vigna radiata* Linn) against pulse beetle, *Callosobruchus chinensis* Linn. At 5th World Neem Conference at Coimbtore (Tamilnadu). In section of Pest control. Abstract No. 1, p. 91. 21-11 to 24-11-2007.
- 39 Research paper (Poster) entitled “Piscicidal activity of some indigenous plants against fish: *Lepidocephalichthys guntea* (Ham-Buch).” presented at 95th Indian Science Congress, Visakhapatnam (A. P.) Jan, 3-7, 2008. In the section of Environmental Sciences Abstract No. 46, p. 31.
- 40 Research paper (poster) entitled “Studies on acute toxicity of some indigenous plants against *Callosobruchus chinensis* (Coleoptera: Bruchidae)”. Presented at 95th Indian Science Congress, Visakhapatnam (A.P.) Jan, 3-7, 2008. In the section of Animal, Veterinary and Fishery Sciences. Abstract No. 46. p. 39.
- 41 Research paper (Poster) entitled “ *In vitro* Haemolytic activity of some indigenous plants in Human Red Blood Carpuscles” Presented at 95th Indian Science Congress, Visakhapatnam (A.P.) Jan, 3-7, 2008. In the section of Medical Sciences (Including Physiology). Abstract No. 80. p. 60.
- 42 Research paper (poster) entitled “Persistent toxicidal effect of Neem and Gorakhmundi against pulse beetle, *Callosobruchus chinensis* Linn”. Presented at 96th Indian Science Congress, North Eastern Hill University, Shillong (Meghalaya). Jan, 3-7, 2009. In the section of Animal, Veterinary and Fishery Sciences. Abstract No. 285. p.213.
- 43 Research paper (Poster) entitled “Effects of some indigenous plants as larvicides against Mosquito larvae of *Anopheles* Spp.” presented at 96th Indian Science Congress, North Eastern Hill University, Shillong (Meghalaya). Jan,



- 3-7, 2009. In the section of Environmental Sciences. Abstract No. 122, p. 82.
- 44 Research paper (Oral) entitled “Wound healing activity of *Curcuma longa* and *Hamiltonia suavolens* in Rat”. Presented at 5th World Congress of Cellular and Molecular Biology, Indore (India). Nov. 2-6, 2009. Symposium No. 5. Herbal Drugs for cellular therapy. Abstract No. 25, p. 29-30.
- 45 Research paper (poster) entitled “A note on ichthyofauna of Panzara river (Tah. Sakri) of Dhule District of Maharashtra”. Presented at 97th Indian Science Congress, Thiruvananthapuram (Kerala). Jan, 3-7, 2010. In the section of Animal, Veterinary and Fishery Sciences. Abstract No. BR-6, p 137-138.
- 46 Research paper (poster) entitled “Wound healing activity of *Sphaeranthus indicus* (Linn) in Albino rats”. Presented at 97th Indian Science Congress, Thiruvananthapuram (Kerala). Jan, 3-7, 2010. In the section of Animal, Veterinary and Fishery Sciences. Abstract No. PH-20, p 301.
- 47 Research paper (poster) entitled “Efficacy of *Azadirachta* and *Sphaeranthus* plant extracts against pulse beetle, *Callosobruchus chinensis* L. in infesting Green gram”. Presented at 97th Indian Science Congress, Thiruvananthapuram (Kerala). Jan, 3-7, 2010. In the section of Plant Sciences. Abstract No. 136.
- 48 Research paper (poster) entitled “Efficacy of *Azadirachta indica* and *Sphaeranthus indica* plant extracts against pulse beetle, *Callosobruchus chinensis* L. in infesting Green gram”. Presented at National conference on advances in microbial biotechnology and interdisciplinary approaches. Held at M. J. College, Jalgaon. Jan 22-23, 2010. Abstract No. AMBI 2010 ID 12, p. 64.
- 49 Abstract entitled “Lac culture” published in proceeding of State level seminar on “Recent trends in Agro based industries for community development”. Held at S. G. P. College, Sakri Dist- Dhule. Feb 8-9, 2010. pp. 28.
- 50 Research paper (Oral) entitled “Studies on recycling of agricultural waste by earthworm, *Eisenia foetida* for sustainable development of environment”. Presented at 3rd International Congress of Environmental Research (ICER- 10). Held at University of Mauritius, Reduit, Mauritius. September 16-18, 2010. Section: Life Sciences, Abstract No. 267.



- 26 Research paper (Oral) entitled “Efficacy of some medicinal plants against the pulse beetle, *Callosobruchus chinensis* L. (Coleoptera: Bruchidae) Infesting Bengal gram (*Cicer arietinum*) Seed”. Presented at National conference on Biotechnology for All (NCBFA-2010) Organized by School of life Sciences, North Maharashtra University, Jalgaon. December 29-30, 2010.
27. Research paper (Oral) entitled “Eco-Friendly Vermicomposting and Management of Water Hyacinth by using Earthworms”. Presented at 4th International Congress of Environmental Research (ICER- 11). Held at S. V. National Institute of Technology, Surat (Gujarat). December 15-17, 2011. Section: Life Sciences, Abstract No. 210.
28. Research paper (Oral) entitled “Bioaccumulation of Heavy Metals through Earthworms from Water Hyacinth Contaminated Vermicompost”. Presented at 4th International Congress of Environmental Research (ICER- 11). Held at S. V. National Institute of Technology, Surat (Gujarat). December 15-17, 2011. Section: Physical Sciences, Abstract No. 239.
29. Research paper (Oral) entitled “Impact of insecticides viz., Malathion and Cypermethrin on Oxygen consumption rate in fresh water fish, *Lepidocephalichthys guntea* (Ham-Buch)”. Presented at 4th International Congress of Environmental Research (ICER- 11). Held at S. V. National Institute of Technology, Surat (Gujarat). December 15-17, 2011. Section: Life Sciences, Abstract No. 899.
35. Research paper (poster) entitled “Induced effect of Malathion and Cypermethrin insecticides on biochemical constituents of freshwater fish, *Lepidocephalichthys guntea* (Ham-Buch)”. Presented at 99th Indian Science Congress, KIIT University Bhubaneswar (Odisha). Jan, 3-7, 2012. In the section of Animal, Veterinary and Fishery Sciences. Abstract No. F-P. 33. P. N. 190-191.
36. Research paper (poster) entitled “Review on health status by clinical analysis of blood and urine of some rural peoples of Pimpalner region, Dist- Dhule (M.S.)”. Presented at 99th Indian Science Congress, KIIT University



- Bhubaneswar (Odisha). Jan, 3-7, 2012. In the section of Medical Sciences. Abstract No. 17, P. N. 151.
37. Research paper (poster) entitled "Antimicrobial Potential of Some plant extracts of Charanmal Ghat, Dist- Dhule (M. S.)". Presented at 99th Indian Science Congress, KIIT University Bhubaneswar (Odisha). Jan, 3-7, 2012. In the section of Plant Sciences. P. N. 54.
38. Research paper (poster) entitled "Phytochemical studies and Antimicrobial screening of some indigenous plants. Presented during National conference on "Trends in chromatography and spectroscopic techniques" organized by R. C. Patel institute of Pharmaceutical education and research, Shirpur Dist- Dhule. October 6, 2012. Abstract No. AS – 10.
39. Research paper (Oral) entitled "Studies on physico-chemical qualities of drinking water from Wadibhokar Village of Dhulia district (M. S.)." Presented at 5th International Congress of Environmental Research (ICER- 12). Held at University Malaysia Terengganu (UMT), Kaula Terengganu, Malaysia. November 22-24, 2012. Section: Physical Sciences, Abstract No. PS- 155.
35. Research paper (Oral) entitled "Eco-friendly management of bio-wastes by using earthworm, *Eisenia foetida*." Presented at 5th International Congress of Environmental Research (ICER- 12). Held at University Malaysia Terengganu (UMT), Kaula Terengganu, Malaysia. November 22-24, 2012. Section: Physical Sciences, Abstract No. PS-109.
36. Research paper (Oral) entitled "Comparative studies on haematological responses in the freshwater fish, *Punctius chonchonius* (Ham-Buch) exposed to two piscicidal plant extract" Presented at UGC and DST sponsored National Conference on Biodiversity and environmental impact (NCBEI-2012), organized by Department of Zoology, ASC College Navapur, Dist- Nandurbar. December 22-23, 2012. Abstract No., OP-3, Page. No. 31.
37. Research paper (poster) entitled "Comparative studies on haematological responses in the freshwater fish, *Punctius chonchonius* (Ham-Buch) exposed to two piscicidal plant extract". Presented at 100th Indian Science Congress, Held



- at Calcutta University, Kolkata. Jan, 3-7, 2013. In the section of Animal veterinary and fishery sciences. Abstract No. ABF F-111, P. N. 220.
38. Research paper (poster) entitled “Anti-pathogenic potential of some common weeds against disease producing microbe”. Presented at 100th Indian Science Congress, Held at Calcutta University, Kolkata. Jan, 3-7, 2013. In the section of Plant Sciences. Abstract No. 100, P. N. 220.
39. Research paper (Oral) entitled “ Phytochemical screening and antimicrobial studies of some indigenous plants:”. Presented at National conference on Animal biodiversity and recent trends in zoological research (ABRTZ-2013) P.S.G. V. P. Mandals, Shahada dist- Nandurbar. 6-7/12/2013.
40. Research paper (Oral) presented entitled “Quality biofertilizers by using microbial inoculation and vermicomposting technology” in National Conference on Recent Advances in Environmental Sciences. (NCRAES-2014) at Late Karmveer Dr. P. R. Ghogare Science College, Dhule. 19-20 Jan 2014.
41. Research paper (poster) entitled “**Studies on freshwater fish fauna of district Dhule in Northern Maharashtra, India**”. Presented at 102th Indian Science Congress, Held at University of Mumbai, Jan 3-7, 2015. In the section of Animal, Veterinary and fishery Sciences. Abstract No. FD-P-08, P. N. 239.
42. Research paper (poster) entitled “**Composting of *Sesbania sesban* and *Crotalaria juncea* with microorganisms (pgpms) and earthworm *Eudrilus eugeniae***”. Presented at 102th Indian Science Congress, Held at University of Mumbai. Jan 3-7, 2015. In the section of Environmental Sciences. Abstract No. P- 102 P. N. 160.
43. Oral Paper presented entitled “Higher education scenario in India (Hkkjkrhy mPp f”k{k.kkph fLFkrh).” UGC Sponsored National Conference on “The present Scenario of Indian Higher Education system: Strength, Weakness, Opportunities and Threats (SWOT-2015). Organized by S. S. P. Mandal’s Vasantaro Naik Arts, Science and Commerce College, Shahada, Dist- Nandurbar. Date, August 13 & 14, 2015.
44. Oral paper presented entitled “An overview of fishes of Dhule district, Maharashtra, India.” At 103rd Indian Science Congress organized by University



- of Mysore, Mysuru during January 3-7, 2016. In the section Animal, Veterinary and Fishery Science. Abstract No. ABF-O-22. P. N. 84.
45. Poster presented entitled “Effect of Fenvalerate a synthetic pyrethroid on a certain haematological parameters of freshwater fish *Channa marulius* (Ham-Buch)” At 103rd Indian Science Congress organized by University of Mysore, Mysuru during January 3-7, 2016. In the section Animal, Veterinary and Fishery Science. Abstract No. EBT-P-39. P. N. 213.
46. Oral paper presented entitled “Malacofaunal distribution, abundance and diversity of the Nakana lake, Dhule (MS) India.” At 103rd Indian Science Congress organized by University of Mysore, Mysuru during January 3-7, 2016. In the section Animal, Veterinary and Fishery Science. Abstract No. FD-O-25. P. N. 357.
47. Oral presentation on “**Vermicomposting of animal wastes by using biocatalyst and earthworm species, *Eudrilus euginae* Kienberg, 1867.**” 8th International Congress of Environmental Research (ICER-16). Held at FACH HOCHSCHULE LUBECK, University of Applied Sciences, Luebeck, Germany. July 27-28, 2016.
48. Oral presentation on “**Biodegradation of silver coated paper dishes by using earthworm, *Eudrilus euginae***” 8th International Congress of Environmental Research (ICER-16). Held at FACH HOCHSCHULE LUBECK, University of Applied Sciences, Luebeck, Germany. July 27-2, 2016.
49. Attended (oral presentation) on Effect of Cypermethrin on liver histopathology of freshwater fish *Channa marulius* (Ham-Buch). International symposium on Understanding the molecules of life in the era of new biology and 28th all India congress of Zoology (AICZ) at Davangere University, Karnataka. October 20-22, 2016.
50. Attended (Poster presented) On **Review on the Beetle world and human Relationship**” In Avishkar- 2017 at V.W. S. College, Dhule. On 3/1/2017.
51. Quality biomass and biofertilizer production from fruits and soil of *Ficus religiosa* (Peepal tree) and *Ficus benghalensis* (Banyan tree) by using earthworm, *Eudrilus eugeniae*. International conference on innovations in



biological and chemical science (ICIBCS 2017), at D. N. College, Faizpur Dist- Jalgaon. December 21-22, 2017.

52. Checklist of birds in and around the parola, district jalgaon (MS) India.

International conference on innovations in biological and chemical science (ICIBCS 2017), at D. N. College, Faizpur Dist- Jalgaon. December 21-22, 2017.

53. Age and Sex specific body mass index of different age group students of Sakri ,Dist- Dhulia (M.S.), India. In National conference on “Recent trends in Agriculture and Rural development in India” (RTARDI) organized by Uttamrao Patil Arts and Science College, Dahiwel, Tal- Sakri Dist- Dhule. On 20/01/2018.

Workshop/ Seminars / Conferences attended

Sr. No.	Theme	Place	Duration	Level
01	Workshop for T. Y. B. Sc. Syllabus framing	Jaihind College, Dhule	23-12 to 24-12-1993	University
02	Workshop on mutual learning in zoology practical	MGTS Mandals ASC College, Chopda Dist- Jalgaon	01-11 to 02-11-1995	University
03	Seminar on Genetics/ Pollution	Pratap College, Amalner (Jalgaon)	18-12-1996	University
04	Seminar on Ornithology / Entomology	C. E. Society ASC College, Chalisgaon (Jalgaon)	06-10-1996	University
05	Seminar on Environmental Science	PSGVP Mandals Shahada College, Shahada (Nandurbar)	23-02-1997	University
06	Workshop on Drugs	Jammu Memorial Hospital, Jammu	06-04 to 07-04-1997	National
07	Seminar on Gene therapy and Biochemistry	Rashtriya ASC College, Chalisgaon (Jalgaon)	19-10-1997	University
08	Seminar on Molecular biology / Genetic engineering	ASC College, Navapur Dist- Nandurbar	11-01-1998	University



09	Workshop for T. Y. B. Sc. Syllabus framing	M. J. College, Jalgaon	12-12 to 13-12-1998	University
10	Workshop on Fishery	P. O. Nahata College, Bhusawal (Jalgaon)	19-02-1999	University
11	Workshop for F. Y. B. Sc. Syllabus framing	S. V. S. ASC College, Dondaicha (Dhule)	27-02-2002	University
12	Workshop for S. Y. B. Sc. Syllabus framing	PSGVP Mandals Shahada College, Shahada (Nandurbar)	12-3-2003	University
13	Seminar on Recent Development in the field of life Science	UGC-COSIP at D. N. College, Faizpur Dist – Jalgaon.	12-8-2003	State
14	Workshop for T. Y. B. Sc. Syllabus framing	Pratap College, Amalner (Jalgaon)	5-12 to 6-12-2003	University
15	91st Indian Science Congress	Panjab University, Chandigarh, Panjab	3-1 to 7-1-2004	National
16	Workshop on water quality analysis	Rashtriya ASC College, Chalisgaon (Jalgaon)	4-9 to 6-9-2004	National
17	92nd Indian Science Congress	Nirma University, Ahmednagar (Gujrat)	3-1 to 7-1-2005	National
18	Seminar on C. V. Raman memorial seminar-2005	North Maharashtra University, Jalgaon	28-2-2005	University
19	Seminar on Intellectual Property Rights (NSIPR-2005)	North Maharashtra University, Jalgaon	27-9 to 28-9-2005	National
20	Conference on Recent Trends in Synthetic Organic Chemistry (RTSOC- 2005)	North Maharashtra University, Jalgaon	16-12 to 17-12-2005	National
21	93rd Indian Science Congress	Achrya Dr. N. G. Ranga Agricultural Uni., Hyderabad	3-1 to 7-1-2006	National
22	UGC-SAP-DRS Seminar on Integrated Pest Management	North Maharashtra University, Jalgaon	2-2 to 3-2-2006	State
23	Seminar on C. V. Raman memorial seminar –2006	North Maharashtra University,	28-2-2006	University



		Jalgaon		
24	Seminar on Challenges and Difficulties in Standardization of Herbal products	PSGVP Mandals Pharmacy College, Shahada (Nandurbar)	22-7-2006	National
25	Conference on Recent Trends in Phytomedicins and Neutraceuticals	R. C. Patel Pharnacy College, Shirpur (Dhule)	5-11 to 6-11-2006	National
26	94th Indian Science Congress	Annamalai University, Chidambaram (Tamilnadu)	3-1 to 7-1-2007	National
27	95th World Neem Conference	Neem Fondation, Coimbtore (Tamilnadu)	21-11 to 24-11-2007	International
28	95th Indian Science Congress	Andhra University Visakhapattanum (Andhra-pradesh)	3-1 to 7-1-2008	National
29	Workshop on Life Skills (Personality development)	North Maharashtra University, Jalgaon	29-7 to 1-8-2008	University
30	Workshop for S. Y. B. Sc. Practical	M. J. College, Jalgaon	Aug 22, 2008	University
31	Workshop for T. Y. B. Sc. Syllabus framing	S. S. V. P. S. Dr. Ghogare College, Dhule	Dec 9-10, 2008	University
32	96th Indian Science Congress	North- Eastern Hill University, Shillong (Meghalaya)	Jan 3-7, 2009	National
33	Workshop on Gender and Life Skills training	North Maharashtra University, Jalgaon	Feb 14-15, 2009	University
34	One day workshop on "New trends in higher education"	S. G. Patil College, Sakri.	March 1, 2009	University
35	5th World Congress of Cellular and Molecular Biology	School of Biotechno-logy, Devi Ahilya Vishwavidyalaya, Indore, India and World Society of Cellular and Molecular Biology, France.	Nov 2-6, 2009	International
36	National conference on Advances in microbial	Department of Microbiology and	Jan 22-23, 2010	National



	biotechnology and interdisciplinary approaches	Biotechnology, M. J. College, Jalgaon		
37	Regional seminar on Awareness motivation, of beekeeping in Maharashtra	Arya Gramoudyog Santhan (U.P.) and sponsored by National Bee Board, Govt. Of India	Feb 19-20, 2010	State level
38	Advances in Science and Technology of Nanomaterials (AISATON- 2010)	Department of Physics, S. G. Patil College, Sakri.	March 8 – 9, 2010	State level.
39	3rd International Congress on Environmental Research (ICER-10)	University of Mauritius, Reduit, Mauritius.	September 16-18, 2010.	International
40	National conference on Biotechnology for all (NCBFA 2010)	School of life sciences NMU- Jalgaon	December 29-30, 2010	National
41	International conference on Biodiversity and Environmental Crisis: Past, Present and Future (ICBEC- 2011)	Dept. of Botany, Geography and Chemistry, S. S. V. P. Santha's Late Dr. P. R. Ghogare Science College, Dhule (M.S.)	February 11 – 13, 2011	International
42	One day workshop on Study and Counseling Skill	Adult and Continuing edu. Department, NMU- Jalgaon	October 1-2, 2011.	University
43	4th International Congress on Environmental Research (ICER-11)	S. V. National Institute of Techmology, Surat (Gujarat), India.	December 15-17, 2011.	International
44	99th Indian Science Congress	KIIT University, Bhubneswar (Odisha)	January 3to 7, 2012.	National
45	Workshop for F. Y. B. Sc. Syllabus framing	Arts, Science and P. O. Nahata commerce College, Bhusawal.	Feb 10, 2012	University
46	One day workshop on "Lok Shiksha se Jan Jangaran ki Aur"	Pratap college, Amalner Dist- Jalgaon	17-02-2012	University
47	Workshop for M. Sc.II Sem -IV. Zoology, Practical	M. J. College, Jalgaon	4-10-2012	University



48	National conference on Trends in Chromatography and spectroscopic techniques	R. C. Patel, Pharmacy college, Shirpur Dist-Dhule.	6-10-2012	National
49	5th International Congress on Environmental Research (ICER-12)	University Malaysia Terengganu (UMT), Kuala Terengganu, Malaysia.	November 22-24, 2012.	International
50	National conference on Biodiversity and Environmental Impact (NCBEI-12)	ASC College, Navapur Dist-Nandurbar	December 22-23, 2012	National
51	100th Indian Science Congress	Calcutta University, Kolkata (W. B.)	Jan 3-7, 2013.	International
52	S. Y. B. Sc. Syllabus framing workshop.	S. S. M. M. ASC College, Pachora.	12-01-2013	University
53	Workshop on S. Y. B. Sc. Practicals.	Dept. of Zoology, D. N. College, Faizpur.	16/07/2013.	University
54	T. Y. B. Sc. Syllabus framing workshop.	Bendale Mahila College, Jalgaon	20/09 to 21/09/2013	University
55	National conference on Animal biodiversity and recent trends in zoological research (ABRTZ- 2013)	P.S.G. V. P. Mandals Shahada Dist- Nandurbar	6/12 to 7/12/2013	National
56	National Conference on Recent Trends in Environmental Sciences (NCRAES-2014)	SSVPS Late Dr. P. R. Ghogare Science College, Dhule	19/1 to 20/1/2014	National
57	Workshop on T. Y. B. Sc. Practicals	SSVPS Late Dr. P. R. Ghogare Science College, Dhule	22/08/2014	University
58	National Seminar on Individual achievements and national development.	Global society for health and educational growth, New Delhi.	22/09/2014.	National
59	F. Y. B. Sc. Syllabus framing workshop.	Nutan Maratha College, Jalgaon.	10/12/2014	University
60	102th Indian Science Congress	University of Mumbai	Jan 3-7, 2015.	International
61	F. Y. B. Sc. Practical workshop.	N. Y. N. College, Chalisgaon	July 24, 2015	University
62	National conference on	S. S. P. Mandal's	August 13	National



	The Present Scenario of Indian higher education system (SWOT-2015).	V. N. College Shahada Dist-Nandurbar	&14, 2015	
63	103th Indian Science Congress	University of Mysore, Mysuru	Jan 3-7, 2016.	International
64	S. Y. B. Sc. Practical workshop.	M. M. College, Pachora	June, 27, 2016	University
65	8th International Congress on Environmental Research (ICER- 16)	FACH HOCHSCHULE LUBECK, University of Applied Sciences, Luebeck, Germany	July 27-28, 2016.	International
66	28th all India congress of Zoology (AICZ) Interna. symposium	Davangere University, Karnataka.	October 20-22, 2016.	International
67	National Conference on Biodiversity and Environmental impact (NCBEI 2016)	Smt. N.N. Chaudhari ASC College, Kusumba Dist-Dhule.	Dec 24, 2016	National
68	Workshop on Global warming	S.G. Patil ASC College, Sakri	Dec 29, 2016.	University
69	Avishkar- 2016	V. W. S. College, Dhule	Jan 3, 2017	University
70.	T. Y. B. Sc. Syllabus framing workshop.	Jaihind College, Dhule	23/2/2017	University
71	One day Sensitization workshop on 'I for Inclusion'	NMU, Jalgaon	30/03/2017	University.
72	T. Y. B. Sc. Practicals workshop	A. M. Patil College, Pimpalner	07/07/2017	University
73	National conference on Human rights: Issues and challenges.	S. G. Patil ASC College, Sakri.	15/9/2017	National
74	ICIBCS 2017	D. N. College, Faizpur Dist-Jalgaon.	December 21-22, 2017.	International
75	State level seminar on Advances in environmental sciences.	ASC College, Nampur Dist-Nasik	January 19, 2018	State
76	National conference on Recent trends in agriculture and rural development in India (RTARDI)	Uttamrao Patil Arts and Science College, Dahiwel Dist- Dhule	January 20, 2018	National
77	State level Conference (SCRBSSL-2018)	Nutan Maratha College, Jalgaon	January 30, 2018	State



78	National Conference (NCBOTI-18)	A. M. Patil College, Pimpalner	February 2, 2018	National
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Faculty Development Programme (FDP) Attended

Sr. No.	Title of online FDP	Organized by	Duration	Total Days
01	Comprehensive Study of NAAC Criteria in RAF.	Rubrics Softcon Private Limited, Pune.	04/05/2020 to 08/05/2020	5
02	Life With Covid-19: Roadmap for self -Reliant Bharat"	Dept. of Political Science and Pt. Deen Dayal Upadhyay Shodh Peeth. Chaudhar Charan Singh University, Meerut, UP.	25/5/2020 to 08/6/2020	15
03	Social Entrepreneurship	K. P. B. Hinduja College of Commerce, Mumbai, Dept of Bachelor of Management Studies (BMS) in association with Edfly Learn	28/05/2020	1
04	Research Methodology: Tools and Techniques	Inspira Research Association (IRA) & LBSPG College, Jaipur.	29/5/2020 to 31/5/2020	3
05	Biological Sciences	PG and Research Department of Botany,. Nallamuthu Gounder Mahalingam College, Pollachi (Tamilnadu), India	25/5/2020 to 31/5/2020	7
06	E-Learning tools for MOOC and Creation of own MOOC Courses.	Beldar Samaj Vikas Samiti's (BSVS) Educational Learning Centre, Nagpur.	11/6/2020 to 16/6/2020	6
07	FDP- ICT best practices in institute	MasterSoft ERP Solutions Pvt. LTd. Nagpur	04/8/2020	1
08	FDP	Online webinar on "Faculty Development Programme –ICT best practices in institute. MasterSoft, Nagpur	24/09/2020 1	1



Workshops/ Seminars organized (Work as Convener/ Coordinator).

1. State level One day workshop on **“Science and Technology for Community Development”**. Date 23 December 2007.
2. One day workshop on **T. Y. B. Sc. (Zoology) Practical mutual learning**. Date 23 December, 2009.
3. State level seminar on **“Recent trends in Agro based industries for Community Development”**. Feb 8-9, 2011.
4. One day workshop on **“Lifelong Learning Cell”** Date: 8-10-2011.
5. One day workshop on **F. Y. B. Sc. (Zoology) Practical mutual learning**. Date 21 July, 2012.
6. One day state level seminar on **“ A role of goatary and poultry for rural development”** on dated 8/10/2015.
7. One day **“Workshop on Syllabus Framing at S. Y. B. Sc. Zoology”** on dated January 23, 2016.
8. One day **“Workshop on Syllabus Framing at F. Y. B. Sc. Zoology”** on dated April 21, 2018.
9. One day International webinar on **“Biosystematics and Animal Biodiversity”** on dated October 4, 2021.

Extension Activities (at College level)

Year 2007-2008.

- Science Association- Chairman
- Time-table Committee- Chairman
- One- Day Workshop on Science and Technology for Community Development, Convener (23-12-2007).

Year 2008-2009.

- Science Association- Chairman
- Medical Check-up camp- Chairman
- N. S. S. – Assistant programme officer
- N. S. S. Advisory Committee – Member



- Life skills, Personality development and AIDS awareness - Counselor

Year 2009-2010.

- Science Association- Secretary
- Medical Check-up camp- Chairman
- N. S. S. – Assistant programme officer
- Life skills, Personality development and AIDS awareness - Counselor

Year 2010-2011.

- Science Association- Secretary
- Medical Check-up camp- Chairman
- Life skills, Personality development and AIDS awareness - Counselor
- Life-learning cell – Co-ordinator.

Year 2011 - 2012.

- Medical Check-up camp- Chairman
- Coordinator- Life-learning cell.
- I. Q. A. C.- Member

Year 2012 - 2013

- Medical Check-up camp- Chairman
- Coordinator- Life-learning cell.
- I. Q. A. C.- Member
- Research committee- Member

Year 2013 – 2014

- Medical Check-up camp- Chairman
- Coordinator- Life-learning cell.
- I. Q. A. C.- Member
- Research committee- Member

Year 2014 – 2015



- Medical Check-up camp- Coordinator
- Coordinator- Life-learning cell.
- I. Q. A. C.- Member
- Research committee- Member

Year 2015 – 2016

- Medical Check-up camp- Coordinator
- Chankya mandal – member
- I. Q. A. C.- Member
- Research committee- Secretary

Year 2016 – 2017

- Medical Check-up camp- Coordinator
- Chankya mandal – member
- I. Q. A. C.- Member
- Research committee- Secretary
- Parent – teacher association- member

Year 2017 - 2018

- Medical Check-up camp- Coordinator
- Staff academy- Chairman
- Chankya mandal – member
- I. Q. A. C.- Member
- Research committee- Secretary
- Parent – teacher association- secretary
- College development committee- member
- Academic committee- member
- Environmental studies- member
- Anti-ragging –member
- Student welfare committee-member
- Internal complaints – member



- Alumni association- member.

Year 2018 - 2019

a) College level

- Medical Check-up camp- Coordinator
- Staff academy- Chairman
- Chankya mandal – member
- I. Q. A. C.- Member
- Research committee- Secretary
- Parent – teacher association- secretary
- College development committee- member
- Academic committee- member
- Environmental studies- member
- Anti-ragging –member
- Student welfare committee-member
- Internal complaints – member
- Alumni association- member.

b) University level.

1. Attended and work as Subject expert for Promotion (under CAS) of Dr. D. P. Jaiswal, Navapur College. on dated 24/8/2018.
2. Work as Ext. Practical examiner for F. Y .B. Sc. At SGP College from 17/10 to 23/10/2018.
3. Work as Int. Practical examiner for T. Y. B. Sc. At SGP College from 25/10 to 27/10/2018.
4. Worked as Chairman for Flying squad from dated 19/11 to 1/12/2018.
5. Work as Int. Practical examiner for S. Y. B. Sc. At SGP College from 14/12 to 18/12/2018.
6. Work as Ext. Practical examiner for F. Y .B. Sc. At SGP College from 1/3/2019 to 8/3/2019.
7. Work on LIC Member to visit P. S. G. D. M. Shahada college. 9/3/2019.
8. Work as Int. Practical examiner for S. Y. B. Sc. At SGP College from 13/3/2019 to 16/3/2019.
9. Work as Int. Practical examiner for T. Y. B. Sc. At SGP College from 18/3/2019 to 20/3/2019.
10. Worked as Senior supervisor at Adarsh College, Nijampur from 26/3 to 5/4/2019.
11. Attended CAP at Z. B. Patil College, Dhule. From 9/5 to 29/5/2019.
12. Attended and work as Subject expert for Promotion (CAS) of Dr. Mrs. S. B. Bansode, Navapur College. on dated 23/6/2019.

c) Special note

- Under CAS facility, College Authority promoted me as **Professor in Zoology** from 29/12/2018.
- Conducted departmental educational study tour for S. Y. B. Sc. Student at Konkan region, from Jan 18-23,2019.



- Delivered a talk on Global warming and its consequences- Awareness. During workshop of Student development at ASC College, Nagaon Dist Dhule on 1/2/2019.

Year 2019-2020

a) College level

1. College Development Committee- Member
2. IQAC- Member
3. Medical check up committee – Chairman
4. Exam result and analysis committee – Chairman
5. Staff academy – Chairman
6. Environmental studies – member
7. Research Committee – Secretary
8. Institutional Innovative cell - chairman

b) University level.

- i. Work as Backward Class Nominee for recruitment of assistant professor at G. T. Patil College, Nandurbar. Dated 2/8 to 3/8/2019.
- ii. Work as subject expert for assistant professor recruitment at Nanasaheb N. N. Chavan College, Chalisagaon. Dated 13/8/2019.
- iii. Work as paper setter for T. Y. B. Sc. Sem-I. Dated 21/8/2019.
- iv. Work as subject expert for assistant professor recruitment at J.A.T. ASC College, Malegaon. Dated 25/8/2019.
- v. Work as subject expert for assistant professor recruitment at M. J. College, Jalgaon Dated 28/8/2019.
- vi. Work as subject expert for assistant professor recruitment at Late Annasaheb R. D. Deore Arts and Science College, Mhasdi. Dated 03/09/2019.
- vii. Work as Ext. Practical examiner for F. Y .B. Sc. At SGP College from 3/10/2019 to 7/10/2019.
- viii. Works as chairman for Ph.D. Viva-voce of Mrs. Mayura S. Patil at KBC NMU jalgaon on October 9, 2019.
- ix. Work as Int. Practical examiner for T. Y .B. Sc. At SGP College from 14/10/2019 to 16/10/2019.
- x. Work as Ext. Practical examiner for T. Y .B. Sc. At A.M. Patil College, Pimpalner from 17/10/2019 to 19/10/2019.
- xi. Works as Internal referee for Ph.D. Viva-voce of Mrs. S. S. Bhoi at KBC NMU jalgaon on November 26, 2019.
- xii. Attended CAP programme at Z. B. Patil College, Dhule. From 1/1 to 3/1/2020.
- xiii. Work as paper setter for T. Y. B. Sc. Sem-II. Dated 22/01/2020.
- xiv. Work as Internal practical examiner for S. Y. B. Sc. Sem-II. From 1/3 to 5/3/2020.
- xv. Work as Internal practical examiner for T. Y. B. Sc. Sem-II. From 12/3 to 14/3/2020.

c) Special note.

1. Mrs. Deepali B. Sonawane- Awarded Ph.D. degree under my supervision from JJT University, Jhunjhunu, Rajasthan. 18/8/2019.
2. Work as resource person in “Bal Vigyan Mela for Tribal children” jointly organized by KBCNMU, jalgaon under cillage based Area Development



- Programme (CADP) and Vigyan Prasar, New Delhi at S.G. Patil ASC College, Sakri. Dated 26/9/2019.
3. Mr. S. S. Bhoi Awarded Ph.D. degree under my supervision from KBC NMU, Jalgaon. 26/11/2019.
 4. Work as Repporteur in the technical session in ISCA sponsored national conference at Bodvad College,. December 21, 2019.
 5. Work as Dhule district Avishkar-2019 Coordinator. Even held on December 30, 2019. At SGP College, Sakri.

Year 2020-2021

a) College level

1. College Development Committee- Member
2. IQAC- Member
3. Medical check up committee – Chairman
4. Exam result and analysis committee – Chairman
5. Staff academy – Chairman
6. Environmental studies – member
7. Research Committee – Secretary
8. Institutional Innovative cell - chairman

1. Delivered a talk on “Diabetes” at SGP College Teacher Academy inauguration function . September 10, 2020.
2. Delivered a talk on “Chhatrapati Shivaji- Ek Jagavegala Raja” at SGP College for Shiv Jayanti on 19/2/2021.

b) University level.

1. Visit at PSGVM at Shahada on LIC dated 25/8/2020.
2. Appointed as BC Nominee for CAS programme at G.T. Patil College, Nandurbar dated 4/9/2020.
3. Work as paper setter for T. Y. B. Sc. Sem- I and II (Old) and Sem-I (New, CBCS Pattern). Dated 11/11/2020.
4. Visit to ASC College, Pimpalner as a member of Zoology Laboratory recognition committee dated 30/11/2020
5. Appointed as BC Nominee for CAS programme at ASC College, Navapur Dist.- Nandurbar on dated 4/12/2020.
6. Visit to G. T. Patil College, Nandurbar as a member of Zoology Laboratory recognition committee on dated 12/12//2020
7. Appointed as BC Nominee for CAS programme at S. S. V. P. S. Bhausheeb N. S. Patil Arts and M. F. M. A. Commerce, Dhule on dated 15/12/2020.
8. Appointed as Subject expert for CAS programme at B. P. Arts, S. M. A. Science and Advocate K. K. C. Commerce College, Chalisgaon Dist.- Jalgaon on dated 23/12/2020.
9. Appointed as BC Nominee for CAS programme at PDGVM, College, Shahada dated 15/01/2021.
10. Appointed as BC Nominee for CAS programme at P. O. Nahata College, Bhusawal dated 19/01/2021.



11. Appointed as Subject expert for CAS programme at Dr. P. R. Ghogare S. S. V. P. S. Science College, Dhule on dated 04/2/2021.
12. Appointed as Subject expert for CAS programme at Jjamata Education society's ASC College, Nandurbar on dated 23/3/2021 (Dr. Shinde).
13. Appointed as BC Nominee for CAS programme at ASC Mahila Mahavidyalaya, Nandurbar, Dist- Nandurbar on dated 23/3/2021 (Dr. Panpatil).
14. Appointed as Subject expert (VC Nominee) for CAS programme at Z. B. Patil ASC College, Dhule (Candidate Dr. Lahu Pawar, SGPC Sakri) on dated 21/6/2021.

c) Special note

1. Delivered a talk on “Cancer and HIV awareness” for NCC Camp at SGPC, Sakri on 24/2/2021
2. Work as chairman for Pre-submission presentation viva voce of Mr. Dhananjay Shivajirao Patil (Zoology) on dated 12/3/2021.

Year 2021-2022

a) College level

1. College Development Committee- Member
2. IQAC- Member
3. Medical check up committee – Chairman
4. Exam result and analysis committee – Chairman
5. Staff academy – Chairman
6. Environmental studies – member
7. Research Committee – Secretary
8. Institutional Innovative cell - chairman

b) University level.

1. Appointed as B C Nominee for CAS programme at S. S. V. P. S. Dr. P. R. Ghogare Science College, Dhule dated 13/7/2021 (For Dr. Mrs. Sandhya S. Patil Madam, Dept. Botany).
2. Appointed as Subject V. C. Nominated expert for CAS programme at K. C. E. Sanchlit B. ed. College, Jalgaon dated 22/7/2021 (Dr. R. D. Patil, Navapur).
3. Appointed as Subject Pro V. C. Nominated expert for CAS programme at K. C. E. Sanchlit B. ed. College, Jalgaon dated 22/7/2021 (Dr. Anil Patil, Raver).
4. Appointed as B C Nominee for CAS programme at S. S. V. P. S. Dr. P. R. Ghogare Science College, Dhule dated 29/7/2021 (For Dr. Chetan Patil (Chemistry) and Dr. Pravin Mahale (Zoology)).

c) Special note

1. Arranged Mrs. Manisha U. Patil Online Pre-Ph. D. Presentation (Viva) on 26/8/2021.
2. Organized International webinar on “Biosystematics and Animal Biodiversity” on October 4, 2021. (Worked as Convener).



Delivered Public Lectures

1. Introduction to pests and their hazards - NSS winter camp (SGPC) Vardhane, Tal Sakri. Nov. 1992
2. Human endocrine glands- NSS winter camp (SGPC) Nagpur, Tal Sakri. Nov. 1993
3. Wild Life of India- Science Club (SGPC) Sakri. 3 Oct, 1995
4. Water Pollution and Quality of drinking water- Science Club (SGPC) Sakri. 1996
5. Indian Forest: Present and Past- Science Club (SGPC) Sakri. 1997
6. Energy Crises and Alternative sources of Energy- Science Club (SGPC) Sakri. 1998
7. 50 years of DNA Discovery- ADMS College, Mhasdi Tal Sakri. Feb. 2003
8. 50 years of DNA Discovery- New English School Sakri. Feb. 2003
9. 50 years of DNA Discovery- SGP College, Sakri. Feb. 2003
10. Honey bees: The Social Insect- NSS winter camp (SGPC) Nagai Tal Sakri Nov, 2004
11. AIDS and Youth- NSS winter camp (Dahiwel College) at Surpan, Tal. Sakri. Nov, 2005
12. Insect Communication- Science Club (SGPC) Sakri. 2005
13. Several Lectures and Slide Show on “ Vayat Yetana” at various High School of Sakri Taluka- 2005, 2006, 2007.
14. AIDS awareness – Under Neharu Yuva Kendra & UNDP (Thapta) Dhule at Mahatama Jyotiba Phule High School at Ghodade Tal Sakri. 10-3-2007
15. Water Pollution, Hame Jine Do and Mitha Jahar etc. C. D. and Lecture at S. G. Patil College, Sakri. (Science club, 4-10-2007).
16. Neem-Ek- Kalpavruksha: one day Workshop on “Science and Technology for Community Development” held at S. G. Patil College, Sakri, 23-12-07.
17. Talk on AIDS Awareness before marriage and Counseling at Saint Tukaram Social institute, Sakri. 8-3-2008.
18. Environmental Awareness- Solid Waste Management: High School Teacher Camp at N. T. Ashram, Sakri. 2-5-2008.
19. Communication skill- “Body language” one day N. S. S. camp, S. G. Patil College, Sakri. 4-9-2008.



20. AIDS awareness, Slide show and lecture at Sakri taluka All Sevabhavi Santha's C. T. C. colleges, Camp at Nijampur Tal- Sakri. 12-12-2008.
21. Delivered two lectures namely, Tan tanav and Dheya nishchiti at H. R. Patel Mahila College, Shirpur organized Yuvati Sabha for N. N. S. girls of Dhulia district in collaboration of N. M. U. Jalgaon. 27-12-2008.
22. Working as a coordinator for life skills and AIDS awareness counselor at college level.
23. Delivered speech on "Gender- Natural and Social" at S. G. P. College, Graduate student. On 25-2-2009.
24. Chief guest for Annual prize distribution ceremony at Shantivan- Adhyapak Vidyalaya, Shewali, Tal- Sakri, Dist- Dhule. 13 March, 2010.
25. Chief guest for closing ceremony function of NSS Winter camp of Uttamrao Patil Arts and Science College, Dahiwel (Tal- Sakri) at Kaldar, 15, Dec 2010.
26. Deliver a speech on " Sane Guruji and Aajachi Yuva Pidhi" on occasion of 111th birth anniversary of late Sane guruji, at Arts and Science College, Mhasdi Tal Sakri Dist- Dhule. 24 Dec, 2010.
27. Deliver several speeches (with power point presentation) on snakes, types, Poisonous and non poisonous etc. during "**Sarpvidyana Saptah**" under *Anis*, at various schools and colleges of Sakri tahsil. From 28 July to 4 August 2011.
28. Chief Guest for inauguration functions of "Vidyan Chhand Mandal" at New English School, at Dighave Tal- Sakri (16-9-2011).
29. Speech on Higher Education Scenario in India. Teacher academy, S. G. Patil College, Sakri. Dated 29-12-2011.
30. Speech on dheya nishchiti and nirnay samata B. ed college, Sakri. 23- 01- 2013.
31. Deliver a speech and power point presentation on "Tan- Tanav Niyantran" at Jijamata Kanya Vidyalaya, Sakri for one day Gat- Sammelon of high school teachers. 30-01-2013.
32. Deliver a speech and power point presentation on " Vayat Yetana" for std VIII to X Girls" at Jijamata Kanya Vidyalaya, Sakri 01-02-2013.
33. Deliver a speech and power point presentation on Aquatic and mammalian physiology and adaption for M. Sc. Zoology student, M. J. College, Jalgaon. On 19/9/2014.



34. Deliver a speech on '**Biodiversity and its conservation**' as a resource person for refresher course in '**Environmental Science**' organized at Z. B. Patil ASC College Dhule on dated 12/11/2014.
35. Delivered speech with help of PPT on **rack[kq fueqZyu o O;lueqDrh** at NSS winter camp of S. G. Patil college Sakri at Shantivan adhyapak vidyalaya at Shevali, tal –Sakri, Dist- Dhule. On dated 19/12/2014.
36. Display slide show with help of CD's on Environmental pollution issues for "Chhatrapati Ganesh Mitra mandal, Sakri. On dated 22/9/2015.
37. Delivered a talk on " Vyasana Mukti" organized by Nalanda Bal Vikas and Women Vikas Mandal and Suzlon Foudation, Maharashtra State in Suzlon workers training programme at Chhavel-Korde, Tal- Sakri. On dated 11-12-2015.
38. Delivered a talk on AIDS awareness at NSS winter camp at Shewali. 23/12/2015.
39. Presented a paper on "Higher education and Indian Universities" in teachers academy, SGP College, Sakri. On dated January 13, 2016.
40. Delivered a invited talk on " Biodiversity and its Conservation" during National conference on "Biodiversity and environmental impact (NCBEI 2016) organized by smt. N. N. Chaudhari ASC College, Kusumba, Tal And Dist- Dhule. On Dec. 24, 2016.
41. Talk on career guidance regarding Chances in career after 10th and 12th at R. D. M. P. High school and Jr. College, Dondaicha Tal- Shindkheda Dist- Dhule. Organized by Shri Jaykumar Rawal Institute of Technology, Dondaicha and Maharashtra State Technical board, Mumbai. On dated Dec. 26, 2016.
42. Attended and delivered a talk on "tkxfrd rkiekuok<% ifj.kke o mik;" One day Workshop on Global warming organized by S. G. Patil ASC College, Sakri. Dist- Dhule. On Dec. 29,2016.
43. Delivered a talk on Tobacco and its effects on health at NSS winter camp at Shewali. 30/12/2016.
44. Deliver a talk on "AIDS Awareness" organized by Red Ribbon club, ICTC Centre, Government hospital, Sakri. On dated 30/6/2017.
45. Delivered a talk on Tobacco and its effects on health at NSS winter camp at Shewali. 29/12/2017.
46. Delivered speech with help of "slide show" on **Mulagi Vayat Yetana** during one day workshop on Vyatimatv vikas organized by S. G. Patil College, Sakri. Dated 1/2/2018



47. Delivered a talk on Global warming and its consequences- Awareness. During workshop of Student development at ASC College, Nagaon Dist Dhule on 1/2/2019.
48. Delivered a talk on “Diabetes” at SGP College Teacher Academy inauguration function . September 10, 2020.
49. Delivered a talk on “Chhatrapati Shivaji- Ek Jagavegala Raja” at SGP College for Shiv Jayanti on 19/2/2021.
50. Delivered a talk on “ Cancer and HIV awareness” for NCC Camp at SGPC, Sakri on 24/2/2021

Workshops/ Seminars organized (Work as Coordinator)

1. State level One day workshop on “**Science and Technology for Community Development**”. Date 23 December 2007.
2. One day workshop on **T. Y. B. Sc. (Zoology) Practical mutual learning**. Date 23 December, 2009.
3. State level seminar on “**Recent trends in Agro based industries for Community Development**”. Feb 8-9, 2011.
4. One day workshop on “Lifelong Learning Cell” Date: 8-10-2011.
5. One day workshop on **F. Y. B. Sc. (Zoology) Practical mutual learning**. Date 21 July, 2012.
6. One day state level seminar on “ **A role of goatary and poultry for rural development**” on dated 8/10/2015.
7. One day “**Workshop on Syllabus Framing at S. Y. B. Sc. Zoology**” on dated January 23, 2016.
8. One day “**Workshop on Syllabus Framing at F. Y. B. Sc. Zoology**” on dated April 21, 2018.



Fellow/ Life Member

A) Fellow Member

- ❖ Fellow Society for Applied Biotechnology, Dharwad University.
- ❖ Fellow member, Zoological Society of India, Gaya (Bihar).

B) Life member

- ❖ Indian Science Congress Association (ISCA), Kolkata. No. 10122.
- ❖ Indian Association of Aquatic Biologist (IAAB), Hyderabad. No. 371.
- ❖ Indian Journal of Agricultural Biochemist, Kanpur.
- ❖ The Biosphere, Chapra, Bihar.
- ❖ Member- Advisory board member- in International Journal of science Info (IJSI)

Special Highlighted Social Activities

- Recognition as a post graduate teacher (M. Phil, Ph. D. Research guide in Zoology) Ref. No. NMU/ 11/ PGR/ Zoo/ 2833/ 2009 dated 19th Nov, 2009.
- Approved Ph. D. guide in Zoology, Shri Jagdishprasad Jhabarmal Tibrewala University, Vidyanagari, Jhunjhunu- Road, Chudela, Dist- Jhunjhunu- 333 001 Rajasthan, India. (Reg. No. JJT/ 2K9/ SC/ 936. Dated 11/ 09/ 2012).
- Member – Marathi Vidyan Parishad, Sakri.
- Co-Secretary Andha-Shradha Nirmulan Samiti Sakri Taluka
- Member “Ex-institute- Biologist” Institutional Animal Ethics Committee- M. J. College Jalgaon.
- Counselor- Saint Tukaram Samajik Sanstha, Sakri. Dist – Dhule.

Active Participation

- Certificate on for active participation on National Science Day, 2003, Marathi Vidyan Parishad, Sakri
- Certificate on for Blood donation, Shri Navjeevan blood bank, Dhule 29-8-2002
- Certificate on for Blood donation, blood bank, Dhule 29-8-2008



- Certificate on for Blood donation, blood bank, Dr. Babasaheb Ambedkar Chowk, Sakri. Saint Rohidas Jayanti. 9-2-2009.
- Certificate on for Blood donation, Bhausahab hire govt. medical college, Dhule, 29-8-2009.
- Certificate on for Blood donation, Bhausahab Hire Govt. Medical College, Dhule, 29-8-2011.
- Certificate on for Blood donation, Bhausahab Hire Govt. Medical College, Dhule, 29-8-2012.

Awards and Honors

1. **“Gunvant Puraskar- 2008.”** Awarded by Caste tribe Shishak Sanghtana, Maharashtra State, Dhule- Shakha. On dated July-2009, at Garud Library, Dhule.
2. **“Samaj Bhushan Puraskar”**. Awarded by Samaj Samata Sangh, Mumbai. On dated 29 September, 2012 at Garud Library Dhule.
3. **“Bharat Shiksha Ratan Award”**. Awarded by Global Society for Health and Educational Growth, Delhi. On dated 22 September, 2014 at Deputy Speaker Hall, Constitution Club of India, Vithal Bhai Patel House, Rafi Marg, Patel Chowk, New Delhi.
4. **Gold medal awarded** for fellow member by Zoological Society of India, at Davangere University, Davangere, Karnataka. On dated 20/10/2016.

Appointments as paper setter/Practical – Int./Ext. examiner/ Ph. D. Viva/ CAP/ Syllabus framing/ Squad /LIC/ Subject expert on CAS etc. during last 5 years

2016-17

1. Attended T. Y. B. Sc. Syllabus framing workshop at Jaihind College, Dhule. 23/2/2017.
2. Work as expert member of Pre-Ph.D. viva for Mr. Pawara at NMU- Jalgaon on dated 17/2/2017.
3. Work as Chairman, Paper setter for S. Y. B. Sc. Sem-I. 24/08/2016.
4. Confidential Work at KBC NMU, dated 24/8/2016
5. Work as member- paper setter for T. Y. B. Sc. Sem-I. 26/08/2016
6. Work as subject expert on the selection committee for appointment of assistant professor at P. O. Nahata College, Bhusawal. 8/9/2016.
7. Work as senior supervisor at B. M. Patil Arts and Science College, Behed tal Sakri. Date 3-11 to 12-11-2016.



8. Attended CAP at NMU Jalgaon from 12/12/2016 to 22/12/2016
9. Work as Chairman, Paper setter for S. Y. B. Sc. Sem-I & II. 23/01/2017.
10. Work as member- paper setter for T. Y. B. Sc. Sem-II. 27/01/2017.
11. Work as Internal practical examiner for S. Y. B. Sc. Sem-II. Date 11/3 to 12/3/2017.
12. Work as Internal practical examiner for T. Y. B. Sc. Sem-II. Date 20/3 to 22/3/2017.
13. Work as External practical examiner for T. Y. B. Sc. Sem-II. Date 23/3 to 25/3/2017 at A. M. Patil College, Pimpalner.
14. Confidential work at NMU dated 18/3/2017
15. Confidential work at NMU dated 28/6/2017
16. Work as Internal Senior supervisor at S. G. P. College, Sakri from 17/4/2017 to 5/5/2017. Total- 19 days
17. Attended CAP at Z. B. Patil College, Dhule from 7/5/2017 to 19/5/2017 and 23,5/2017. Total - 14 days.

2017-18

1. Attended One day Workshop on T. Y. B. Sc. Practicals at Karm. A. M. Patil Arts, Commerce and Kai. Annasaheb N. K. Patel Science Senior College, Pimpalner, Tal- Sakri. Dist- Dhule. On dated 7/7/2017.
2. Work as member- paper setter for T. Y. B. Sc. Sem-I. August 11, 2017.
3. Work as Chairman, Paper setter for S. Y. B. Sc. Sem-I & II. August 18, 2017
4. Work as senior supervisor at Vimalbai Uttamrao College, Sakri Date 26-10 to 02-11-2017.
5. Work as external practical examiner for F. Y. B. Sc. Sem-I. Date 30/11 to 5/12/2017.
6. Work as Internal practical examiner for S. Y. B. Sc. Sem-I. Date 8/12 to 11/12/2017.
7. Work as Internal practical examiner for T. Y. B. Sc. Sem-I. Date 16/12 to 18/12/2017
8. Attended S. Y./ T. Y. B.Sc. CAP at Jaihind College , Dhule. From 12/12 / 2017 to 1/1/2018.
9. Work as Chairman, Paper setter for F. Y. B. Sc. II. January 30, 2018
10. Work as member- paper setter for T. Y. B. Sc. Sem-II. February 6, 2018.
11. Work as Internal practical examiner for S. Y. and T. Y. B. Sc. Feb 2018
12. Work as internal practical examiner for S. Y. B .Sc. 26/2/2018 to 3/3/2018
13. Work as external practical examiner for F. Y. B .Sc. 05/03/2018 to 10/3/2018
14. Work as Internal practical examiner for T. Y. B. Sc. Sem-II. 12/03/2018 to 14/3/2018
15. Work as External practical examiner for T. Y. B. Sc. Sem-II. At Krm. A. M. Patil college, Pimpalner. 26/03/2018 to 28/3/2018
16. Confidential work at NMU dated 03/04/2018
17. Work as coordinator for F. Y. B. Sc. Syllabus framing workshop organized on dated April 21, 2018.
18. Work as senior supervisor at Vimalbai Uttamrao College, Sakri Date 22-04 to 05-05-2018.
19. Attended S. Y./ T. Y. B.Sc. CAP at Jaihind College , Dhule. From 10/05 / 2018 to 19/05/2018.
20. Confidential work at NMU dated 11/06/2018



2018-19

1. Attended F. Y. B. Sc. Zoology (Theory and practical) workshop on August 3, 2018. Organized by M. M. Arts, Science and Commerce College, Pachora Dist- Jalgaon.
2. Attended and work as Subject expert for Promotion (under CAS) of Dr. D. P. Jaiswal, Navapur College. on dated 24/8/2018.
3. Work as Ext. Practical examiner for F. Y .B. Sc. At SGP College from 17/10 to 23/10/2018.
4. Work as Int. Practical examiner for T. Y. B. Sc. At SGP College from 25/10 to 27/10/2018.
5. Work as Int. Practical examiner for S. Y. B. Sc. At SGP College from 14/12 to 18/12/2018.
6. Worked as Chairman for Flying squad from dated 19/11 to 1/12/2018.
7. Attended F. Y. B. Sc. CAP programme at SGP, Sakri (CAP Appointment). 4/12/2018.
8. Work as Ext. Practical examiner for F. Y .B. Sc. At SGP College from 1/3/2019 to 8/3/2019.
9. Work on LIC Member to visit P. S. G. D. M. Shahada college. 9/3/2019.
10. Work as Int. Practical examiner for S. Y. B. Sc. At SGP College from 13/3/2019 to 16/3/2019.
11. Work as Int. Practical examiner for T. Y. B. Sc. At SGP College from 18/3/2019 to 20/3/2019.
12. Worked as Senior supervisor at Adarsh College, Nijampur from 26/3 to 5/4/2019.
13. Attended CAP at Z. B. Patil College, Dhule. From 9/5 to 29/5/2019.
14. Attended and work as Subject expert for Promotion (CAS) of Dr. Mrs. S. B. Bansode, Navapur College. On dated 23/6/2019.

2019-20

1. Attended Pre-Submission presentation (Ph. D.) of Shenphadu Sadashiv Bhoi (As a guide) at KBC NMU dated 5/7/2018.
2. Work as Backward Class Nominee for recruitment of assistant professor at G. T. Patil College, Nandurbar. Dated 2/8 to 3/8/2019.
3. Work as subject expert for assistant professor recruitment at Nanasaheb N. N. Chavan College, Chalisagaon. Dated 13/8/2019.
4. Work as paper setter for T. Y. B. Sc. Sem-I. Dated 21/8/2019.
5. Work as subject expert for assistant professor recruitment at J.A.T. ASC College, Malegaon. Dated 25/8/2019.
6. Work as subject expert for assistant professor recruitment at M. J. College, Jalgaon Dated 28/8/2019.
7. Work as subject expert for assistant professor recruitment at Late Annasaheb R. D. Deore Arts and Science College, Mhasdi. Dated 03/09/2019.
8. Work as Ext. Practical examiner for F. Y .B. Sc. At SGP College from 3/10/2019 to 7/10/2019.
9. Works as chairman for Ph.D. Viva-voce of Mrs. Mayura S. Patil at KBC NMU jalgaon on October 9, 2019.
10. Work as Int. Practical examiner for T. Y .B. Sc. At SGP College from 14/10/2019 to 16/10/2019.
11. Work as Ext. Practical examiner for T. Y .B. Sc. At A.M. Patil College, Pimpalner from 17/10/2019 to 19/10/2019.
12. Works as Internal referee for Ph.D. Viva-voce of Mrs. S. S. Bhoi at KBC NMU jalgaon on November 26, 2019.



13. Attended CAP programme at Z. B. Patil College, Dhule. From 1/1 to 3/1/2020.
14. Work as paper setter for T. Y. B. Sc. Sem-II. Dated 22/01/2020.
15. Confidential work at NMU dated 11/06/2018

2020-21

15. Visit at PSGVM at Shahada on LIC dated 25/8/2020.
16. Appointed as BC Nominee for CAS programme at G.T. Patil College, Nandurbar dated 4/9/2020.
17. Visit to ASC College, Pimpalner as a member of Zoology Laboratory recognition committee dated 30/11/2020
18. Appointed as BC Nominee for CAS programme at ASC College, Navapur Dist.- Nandurbar on dated 4/12/2020.
19. Visit to G. T. Patil College, Nandurbar as a member of Zoology Laboratory recognition committee on dated 12/12//2020
20. Appointed as BC Nominee for CAS programme at S. S. V. P. S. Bhusaheb N. S. Patil Arts and M. F. M. A. Commerce, Dhule on dated 17/12/2020.
21. Appointed as Subject expert for CAS programme at B. P. Arts, S. M. A. Science and Advocate K. K. C. Commerce College, Chalisgaon Dist.- Jalgaon on dated 23/12/2020.
22. Appointed as BC Nominee for CAS programme at PDGVM, College, Shahada dated 15/01/2021.
23. Appointed as BC Nominee for CAS programme at P. O. Nahata College, Bhusawal dated 19/01/2021.
24. Appointed as Subject expert for CAS programme at Dr. P. R. Ghogare S. S. V. P. S. Science College, Dhule on dated 04/2/2021.
25. Appointed as Subject expert for CAS programme at M. f. M. A. S.S. V. P. s. College, Dhule on dated 15/2/2021.
26. Attended Pre-Submission presentation (Ph.D.) of Mr, Dhananjay Shivajirao Patil (As a Chairman) KBC NMU, Jalgaon on 12/03/2021
27. Appointed as Subject expert for CAS programme at Jijamata Education society's ASC College, Nandurbar on dated 23/3/2021(Dr. Shinde).
28. Appointed as BC Nominee for CAS programme at ASC Mahila Mahavidyalaya, Nandurbar, Dist- Nandurbar on dated 23/3/2021(Dr. Panpatil).
29. Appointed as Subject expert (VC Nominee) for CAS programme at Z. B. Patil ASC College, Dhule (Candidate Dr. Lahu Pawar, SGPC Sakri) on dated 21/6/2021.

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