

## BIO-DATA

1. NAME : **MAJ. DR. RAJARAM SHANKARRAO DUBAL.**
2. ADDRESS : Asso. Prof. in Zoology.  
Post Graduate Department of Zoology.  
Yashwantrao Chavan Institute of Science,  
Satara, 415001. M.S.INDIA  
Phone- 9975759616; 9404223316.
3. RESIDENCE : A) 104, 'A' wing Vastuplaza  
Pirwadi, Satara-415001  
B) 'PARIJAT' Patan road, Umbraj  
Tal.- Karad Dist.-Satara 415109.
4. E-MAIL : [dr.rsDubal@gmail.com](mailto:dr.rsDubal@gmail.com)
5. DATE OF BIRTH : 2<sup>nd</sup> January 1966.
6. LANGUAGE KNOWN : English, Hindi, Marathi.
- 7. EDUCATIONAL QUALIFICATION : M.Sc, M. Phil, Ph.D.**

Degree	Year of Passing	University	Subjects	Class
B.Sc.	1985	Shivaji Uni.	Zoology	1 <sup>st</sup> Class
M.Sc.	1987	Shivaji Uni.	Zoology	1 <sup>st</sup> Class with Distinction
M.Phil.	1996	Shivaji Uni.	Zoology	'A' Grade
Ph.D.	2004	Shivaji Uni.	Zoology	-
Ms.CIT	2006	Mumbai	MKCL	'A' Grade

## 8. PROFESSIONAL :

### A} Associate N.C.C. Officer.

Sr.No.	Course	Rank	Mark	Remark
1	PRCN/SD/125 29/11/1999-28/2/2000	Lieutenant	71%	'A' Grade
2	R/SD/PT .-I/89 10/10/2005-08/11/2005	Captain	76%	'A' Grade
3	R/SD/PT .-II/110 08/10/2012-06/11/2012	Major	75%	'A' Grade

**B} Orientation / Refresher Courses :-**

Sr.No.	Course	Period	Place
1	Orientation	12/09/1991 to 09/10/1991	Pune University Pune
2	Refresher I	23/02/1993 to 22/03/1993	Shivaji University Kolhapur
3	Refresher II	04/10/1993 to 24/10/1993	Karnataka University Dharwad
4	Refresher III	15/02/1999 to 08/03/1999	Shivaji University Kolhapur
5	Orientation	11/09/2017 to 15/09/2017	Seritechnology -CSRTI Mysore

**9. TEACHING CAREER :**

1. 1987-1989 : Lecturer in Zoology, Dept. of Zoology  
Science & Commerce College Hadpsar Pune, 411027.
2. 1989-1996 : Lecturer in Zoology, Dept. of Zoology  
Dada Patil College, Karjat Dist. Ahmadnagar.414402
- 3.1996-2000 : Reader in Zoology, Dept. of Zoology  
S.G.M. College, Karad. Dist. Satara. 415123
4. 2000-2017 : Asso.Prof. in Zoology  
P.G.Dept. of Zoology Y.C. Institute of Science, Satara.

**10. BOOK PUBLISHED : Author and co-author :-12**

- 1) A Textbook of Zoology B.Sc. I, Paper I  
Sheth Publication Pvt. Ltd. Mumbai 2003.
- 2) A Textbook of Zoology B.Sc. I, Paper II  
Sheth Publication Pvt. Ltd. Mumbai 2003.
- 3) A Textbook of Zoology B.Sc. II, Paper III  
Sheth Publication Pvt. Ltd. Mumbai 2004.
- 4) A Textbook of Zoology B.Sc. II, Paper IV  
Sheth Publication Pvt. Ltd. Mumbai 2004.
- 5) A Handbook of Practical Zoology B.Sc. I  
Sheth Publication Pvt. Ltd. Mumbai 2004.
- 6) A Textbook of Ecology and Evolution  
Manjusha Publication, Naldurg 2005.
- 7) Gandulsheti for Farmers, Dept. of Zoology  
YCIS Satara I<sup>st</sup> Edition 2006.
- 8) Gandulsheti for Farmers, Dept. of Zoology  
YCIS Satara II<sup>nd</sup> Edition 2007.
- 9) Handbook of National Cadet Corps

Unmesh Prakashan I<sup>st</sup> Edition 2008.

10) Concept in Basic Sciences 2011  
ISBN - 978-81-906689-5.8.

11) Handbook of National Cadet Corps ,ISBN-5152  
Unmesh Prakashan II<sup>nd</sup> Edition 2012.

12) Article in “Salam Satara” General Knowledge. Book.2014

**11. LECTURES DELIVERED IN CONFERENCE, SYMPOSIA, FARMERS MEET ETC.**

Sr. No.	Date	Place	Topic	No. of Participants	Type of meet
1	2-3 April 2007	Satara	Resource Person- Two day orientation course for class XII syllabi	120	State
2.	16-17 Jan. 2008	Karjat	Resource person-seminar on Biofertilizers vermicompost	80	University
3.	Sericulture technology	Thailand	Resource person	50	International
4.	14 <sup>th</sup> Aug.2012	Walwa	Workshop on “ New syllabi of Zoology (B.Sc.III) (chair person)	75	University
5.	14 <sup>th</sup> Nov 2012	Indio Hatuey, Cuba	Sericulture and renewable energy in rural senario	30	International
6.	16 <sup>th</sup> Nov 2012	Finlay institute, Cuba	Scientific partnership on projects on mutual intrest	50	International
7.	15 <sup>th</sup> Nov 2012	CENSA	Development of Sericulture in India- <i>Morus alba</i> crop	50	International
8.	18 <sup>th</sup> Nov 2012	INCA, Mayabaque, Cuba	Rearing of I, II, III instar larva	75	International
9.	19 <sup>th</sup> Nov 2012	INCA, Mayabaque, Cuba	Vegetable production under protected environment	100	International
10.	20 <sup>th</sup> Nov 2012	INCA, Mayabaque, Cuba	Silkworm egg production	57	International
11.	13 <sup>th</sup> Nov 2012	INCA, Mayabaque, Cuba	Mulberry cultivation and silkworm rearing	58	International

12.	21 Feb 2013	DP Bhosale college Koregaon	Invited lecture		College
13.	28 Sept. 2013	Y.C. College of Science, Karad	Recent Trends in life Sciences with reference to Biotechnology and Applied Zoology	130	National
14.	09 Oct. 2013	At-post Tasgaon, Tal. Satara	Farmers Training Program	67	District
15.	17 Dec. 2013	Centre for Sericultur e and Biologica l Pest Manage ment Research (CSBR), RTM Nagpur Universit y, Nagpur	Sericulture Technology	80	University
16.	29 Jan 2014	Vijayasin ha Yadav Arts and Science College Peth Vadgaon	Science Exhibition	240	State
17.	15 Mar. 2014	L.B.S. College, Satara	One day workshop on Disaster management	250	University
18.	20 May 2014	Vaduj Tal Khatav	Regional farmers program	70	District
19.	30 May 2014	Riswad Tal. Karad	Silk Training Program	80	District

20.	13 Aug. 2014	Krantisinh Nana Patil College	Plenary session in the Revised syllabus at B.Sc. II workshop	90	University
21.	16 Aug. 2014	Mahatma Gandhi Madya. Vidyalaya, Umbraj	Govt. District Volleyball competition	150	District
22.	27 Sept. 2014	Smt. Rukmini Pandurang Kadam Kanya Vidyalaya Umbraj	Science exhibition	300	District
23.	03 Jan 2015	D.P. Bhosale College, Koregaon	Vermitechnology	120	University
24.	21 Aug 2015	Mudhoji College Phaltan	Workshop on Revised syllabus of B.Sc. III (Chairperson of Session)	60	University
25.	23 Aug 2015	D. K. Asc College Ichalkaranji	Workshop on Revised Syllabus of B.Sc.III (Resource person)	60	University
26.	18 & 19 Dec 2015	Veer Wajekar College Phunde Raigad	National Conference on Challenges in Life Sciences and Environmental Management (Chairperson)	79	National
27.	28 Dec 2015	Rayat Vidyan Parishad Satara	Lecture on Poster Presentation	72	State
28.	7 Jan 2017	YC College of	Awareness Regarding Vermicomposting	80	University

		Science, Karad			
29.	21 Jan 2017	District Sericulture Office, Wai	Sericulture	75	District
30.	6 <sup>th</sup> Feb 2017	D G College of Commerc e, Satara	Entry in Army Services	140	District
31.	23 <sup>rd</sup> Feb 2017	D. P. Bhosale College Koregaon	Sericulture	80	College
32.	1 <sup>st</sup> Feb 2018	LBS College	Disaster Management	85	College
33.	5 <sup>th</sup> Mar 2018	LBS College	Disaster Management	76	College

## 12. RESEARCH PAPERS PUBLISHED : 43

- 1) "Physiological Response and Occupational Stresses Among Powerloom Workers".  
Published in Proceeding of X<sup>th</sup> Annual Congress on Man and Environment by NESAI  
at NIO, Panji, Goa, 1 to 6, 1995.
- 2) "Studies on Environmental Conditions and Respiratory Stresses Among Powerloom  
Workers". Paper Published in Journal of Biosciences and Ocean, 247-268, 1995.
- 3) Wasteland – Development. Published in Paryavaran Vidnyan Patrika Vol.-28-2006.
- 4) Occupational stresses among power loom workers and their management. Published  
in vol. 16(1)12-20 2008. ISSN -0975-1165.
- 5) "Role of Vermiwash Improving the Quality of Mulberry in Sericulture". Published  
in Trajectory volume No.18 1-2010.
- 6) "Studies on environmental conditions in power loom industry at Ichalkaranji".  
Published in journal of science information. Vol .I (2) 2011 ISSN NO.2229-5836.
- 7) 'Prawn Farming'. Published in Vasundhara magazine 50-21 2011.

- 8) "Role of sericulture in rural livelihood for farmers of Maharashtra India". Published in proceeding of 5<sup>th</sup> BACSA international conference SERIPRODEV , Bucharest Romania- 141-150, 2008.
- 9) "Pathophysiological changes in lungs of rat exposed to Foundry environment". Published in Bioscan vol. no.1 (6) No 4 2011 ISSN NO.0973-7049.
- 10) "Assessment of work place environment & thermal stress foundry workers". Published in Trajectory Vol.19 no.1-51-54, 2011.
- 11) "Status of sericulture in Maharashtra A study". Published in proceeding of 22<sup>nd</sup> Congress of International Sericulture Commission at Chiangmai Thailand 14-18 Dec.2011.
- 12) "Effects of some insecticides on haemocytes of Japanese Beetle *Popillio japonica* (coeleoptera, Scarabaedae)". Online International interdisciplinary research journal (Bi-monthly) Vol.No.3 issue II March April 2013. ISSN NO.2249-9598
- 13) "The assessment of pollution in the river Venna in satara Dist. Maharashtra". Accepted for publication in E journal International Journal Of Global research in Science and Technology 2013.
- 14) "Studies on physical fitness of college students with reference to NCC training and sports". Accepted for publication in E journal International Journal Of Global research in Science and Technology 2013.
- 15) "Studies on life history of parasitoid *E. bombysis* on *Bombyx mori. L* with reference to Maharashtra ,India" A Accepted for publication in Cuban sericulture journal 2013.
- 16) "Study of effects of bark extract in alcohol of *Terminalia arjuna* on angiogenesis by Chorio Allontoic Membrane assay (CAM) in chick embryo" published in International journal on Biological Sciences 2013.
- 17) "Studies on larval gut lipolytic activity in *Hlicoverpa armigera* (H.)" Pawar, A.S., Gejage, R. M. and Dubal. R.S. published in Journal of Cell and Tissue Research, 2013. **13 (2)**: 3697-3699, ISSN- 0973-1128.
- 18) " Lipolytic activity in larval haemolymph of *Hlicoverpa armigera* (H.)" Pawar, A.S., Gejage, R. M. and Dubal. R.S. published in Uttar Pradesh Journal Zoology, 2013, **33(1)**: 69-74.
- 19) "Studies on larval fat body lipase activity in *Helicoverpa armigera* (Hubner)." Pawar, A.S., Gejage, R. M. and Dubal. R.S., published by Journal of Association of Zoologists, India, **6(1)**: 67-70.

- 20) “Lipolytic activity during metamorphosis of *Helicoverpa armigera* (Hubner)”  
Pawar, A.S., Gejage, R. M. and Dubal. R.S. published by Vivek Research Journal.  
**3(1)**: 15-18 June 2013 ISSN- 2249-295X.
- 21) “Lipolytic activity in fat body and haemolymph during larval development of *Helicoverpa armigera* (Hubner)” Pawar, A.S., Gejage, R. M. and Dubal. R.S.,  
published by *Trajectory*, **21 (1)**: 30-37.
- 22) “Variations in physico-chemical parameters of Krishna river at Wai city” published  
by International conference on IEPES *Trajectory organized by Yashwantrao Chavan  
Institute of Science Satara.*
- 23) “Changes in Lipolytic Activity during Larval Development of *Helicoverpa armigera*  
(Hubner)” published by International conference on IEPES *Trajectory organized by  
Yashwantrao Chavan Institute of Science Satara.*
- 24) “Alterations in Liver Function Test of Rat Exposed to Foundry Environment”  
published by International conference on IEPES *Trajectory organized by  
Yashwantrao Chavan Institute of Science Satara.*
- 25) “Behavioral changes in rat on exposure inside weaving environment” published by  
International conference on IEPES *Trajectory organized by Yashwantrao Chavan  
Institute of Science Satara.*
- 26) “ Broncho alveolar lavage ( BAL) study in rat on exposure to weaving  
environment” published by International conference on IEPES *Trajectory organized  
by Yashwantrao Chavan Institute of Science Satara.*
- 27) “Biodiversity of Anopheline Mosquitoes from Satara District, Maharashtra (India)”  
published by International conference on IEPES *Trajectory organized by  
Yashwantrao Chavan Institute of Science Satara.*
- 28) “Studies on physical fitness of flour mill workers in Satara city.” Published in  
National conference on Environmental biotechnology *Trajectory organized by LBS  
college Satara.*
- 29) “Seasonal variations in Physico-chemical parameters of Krishna river at Bhuinj,  
in district Satara Maharashtra” Published in International Conference on  
Contemporary research in chemical and life sciences *Trajectory organized by SGM  
college Karad.*
- 30) “Evaluation of water quality of Krishna river with reference to Physico-chemical  
parameters at Mahuli, in Satara district, Maharashtra, India” Published in



International Conference on Contemporary research in chemical and life sciences  
Trajectory organized by SGM college Karad.

- 31) “Study Of Noise Pollution During Ganesh Festival In Satara City” Published in Research Innovator International Multidisciplinary Research Journal Vol III Issue I: January 2016 special Issue on Challenges in Life Sciences & Environmental Management.
- 32) “Effect Of Extract Of *Morus Alba* On Development Of Chick Embryo Upto 96 Hrs.” Published in Research Innovator International Multidisciplinary Research Journal Vol III Issue I: January 2016 special Issue on Challenges in Life Sciences & Environmental Management.
- 33) “Studies On Biodiversity Of Ants In and Around Borgaon; Satara Tehsil” Published in Trajectory Vol. 31 no.1-51-54, 2016.
- 34) “Giant African Snail, *Achatina fulica* Bowdich a destructive pest of V1 mulberry (*Morus alba* L.) by – A new report and control strategies from Kolhapur, Maharashtra , India” Published in Biolife Current Issue Volume :4(1), 2016.
- 35) “Studies of noise levels during Ganesh festival in and around Satara City” published in International Journal of Researches in Biosciences, Agriculture & Technology, Special issue (1), Vol-V, April 2017.
- 36) “The performance of Indian Silk Industry” Published in Trajectory Vol. 32 no.1-51-54, 2017.
- 37) “Effect of leaf extract of *Morus alba* on angiogenesis by Chorio Allontoic Membrane Assay CAM in chick” published in online international interdisciplinary research journal, Special January issue pp-21-27. ISSN 2249-9598.
- 38) “Evaluation of physico-chemical parameters of river Krishna and river venna, in District Satara, Maharashtra, India.” Published in International Journal of Researches in Biosciences, Agriculture and Technology, Issue (VI), Vol. I, Jan 2018:45-48, e-ISSN 2347-517X.
- 39) “Effect of Chloropyrifos on Kidney of Rat” accepted for publication in research journal.
- 40) “Haematological changes in rat after chloropyryfos intoxication” accepted for publication in research journal.
- 41) “Occupation health hazards and risks among the workers in the sericulture industry” accepted for publication in research journal.

- 42) “Surveillance of potential pest of Bombyx mori, Exorista Bombycis Linn. With reference to Kolhapur District of Maharashtra.” accepted for publication in research journal.
- 43) “Effect of Chloropyrifos on liver of Rat” accepted for publication in research journal.

### **13. RESEARCH PROJECT : 06**

- 1) Population Biology of fresh water mussel in Koyana River of Karad. Print 1985. 3<sup>rd</sup> Price. Winner in Shivaji University, Kolhapur magazine competition.
- 2) Studies on Bone marrow morphology under Uranyl nitrate Intoxication. Print 1987.
- 3) Hydro biological studies of some local water bodies from Satara under COSIP 2004. Rs. 8442/-
- 4) Studies on Physical fitness of college student with reference to N.C.C. Training U.G.C. Rs.55000/- June 2008 to June 2010.
- 5) Biodiversity of Arachnid in Satara Tehsil. U.G.C. Rs. 48000/- Completed June 2008-2014.
- 6) Sericulture Project funded by Cuban Government from 12-21 Nov. 2012.

### **14. AWARDS :**

- 1) Kartvyaduksh Nagrik Purskar - 2010  
Vasundhara Paryavaran and Research Sanstha, Umbraj.
- 2) Leading Scientist of the world - 2012  
International Biographical center Cambridge, England.
- 3) International Excellence Award – 2012.  
Silk Society of India.
- 4) Bharat Jyoti Award- 2012 , Nomination.  
India International Friendship Society, New Delhi
- 5) Best Citizen Of India -2012  
International Publishing House, New Delhi
- 6) NCC 7 year service Medal  
Awarded by D.G. NCC , New Delhi
- 7) Young Scientist Award-2014

International Consortium of Contemporary Biologists, Ranchi Jharkhand.

8) Best Teacher Award-2014-15

Yashwantrao Chavan Institute of Science, Satara.

9) Promotion as 'Major' Rank, from 15<sup>th</sup> Aug. 2015 National Cadet's Corps

10) Best N.C.C. Officer felicitated by Group Head Quarters 2015.

11) Life Worker – Rayat Shikshan Sanstha's Satara.

12) Member of coordination committee of NCC (Military Science) Shivaji University, Kolhapur 2017-2018.

13) Member of Board of Studies in Zoology Shivaji University, Kolhapur 2017-2022.

### 15. CONFERENCE / WORKSHOP / SYMPOSIA / ATTENDED / ORGANISED

Sr. No.	Name of conference	Place	Period	Type of Conference
1.	Seminar in zoology	Satara	25-26 June 1992	University
2.	Workshop on Ergonomics	Bombay	19-21 Dec. 1994	State
3.	X Annual congress	Goa	8-10 Mar. 1995	National
4.	Recent Advances in Biosciences	Rohtak	3-5 Nov. 1995	National
5.	XVIII Annual conference on ISCAP	Tirupati	28-30 Nov. 1996	National
6.	II congress of FIPS	Tirupati	15-17 Sept. 1997	National
7.	XII <sup>th</sup> Annual congress of NESAs	Delhi	29-31 Dec. 1997	National
8.	Bi-Annual conference	Lonand	8 <sup>th</sup> Mar. 1998	University
9.	XIII <sup>rd</sup> NESAs Symposium	Gulbarga	12-14 Dec. 1998	National
10.	National Symposium on NSPPE	Mangalore	14-16 Dec. 2000	National
11.	National seminar on Microbial Technology in Industry & Agriculture	Satara	16 <sup>th</sup> Mar. 2002	National

12.	SUZTA Association S.G.M.	Karad	24 <sup>th</sup> Feb. 2002	University
13.	National conference on Environment Ergonomics & Epistemology	Dhule	4-5 Oct. 2002	National
14.	Discussion on UGC Curriculum at LBS	Satara	15 <sup>th</sup> Dec.2002	University
15.	II Annual conference – New Aspects of Zoology	Satara	15 <sup>th</sup> Dec.2002	University
16.	Training workshop for college Teachers.	Kolhapur	29-30 Aug.2003	University
17.	Workshop on “A movement to recharge minds of people” satara	Satara	26 Aug.2003	District.
18.	One day seminar on Energy Resource & Environment	Khatav	28 <sup>th</sup> Sept. 2003	University
19.	Workshop on “How to face the Peer Team”	Kolhapur	16 <sup>th</sup> Nov.2003	State
20.	Anti Addition Awareness workshop (organized)	Satara	17 <sup>th</sup> Dec.2003	District
21.	Discussion on UGC Model curriculum (organized)	Satara	13 <sup>th</sup> Feb. 2004	University
22.	Training workshop for college Teachers (organized)	Satara	7-8 Aug. 2004	University
23.	Seminar on Environment Hazards & Disasters	Aundh	7 <sup>th</sup> Feb. 2006	University
24.	NSS – RDC selection Training (organized)	Satara	6-12 Nov. 2006	State
25.	Krushvi Vikas Pradarshan	Karad	24-28 Nov.2006	State
26.	Vigyan Manch Shibir	Satara	8 Nov.2006	State
27.	National Symposium in Zoology (organized)	Satara	10-11 Feb.2007	National
28.	Resource person – Two day orientation course for class XII syllabi	Satara	2-3 April 2007	State
29.	Resource person seminar on Biofertilizers vermicompost	Karjat	16-17 Jan.2008	University
30.	Land Resources Management & Livelihood security	Nagpur	10-12 Sept.2008	National
31.	Trends in Applied Zoology, environment & Biotechnology	Patan	5-6 Jan 2009	State
32.	Role of IQAC for reaccreditation (organized)	Satara	10-11 Feb.2009	State
33.	Workshop on organic farming & Agri allied business	Satara	23-24 June 2009	National
34.	World AIDS day Mini Marathon	Satara	1 Dec.2009	State

35.	Resource Person for Army Training Programme	Satara	1-12 Dec. 2009	State
36.	Workshop on Environment science problem	Satara	1-2 Sept.2010	National
37.	Workshop on organic food & organic farming	Kolhapur	6 <sup>th</sup> Oct.2010	University
38.	Annual training Camp	Pandharpani	25 Nov. 2010 to 4 Dec. 2010	National
39.	National Science day function	Satara	28 <sup>th</sup> Feb. 2011	College
40.	Workshop on recent advance in Applied zoology	Kolhapur	17 <sup>th</sup> Sep. 2011	University
41.	Resent Trends in Life Sciences	Karad	19-20 Oct. 2011	National
42.	XXII <sup>nd</sup> International sericulture commission	Chiangmai, Thailand.	14-18 Dec.2011	International
43.	Chul Thai Silk Ltd.	Petchabun, Thailand	20 Dec.2011	International
44.	International conference on “Better life better world Through Yoga & Allied sports sciences” with NAPESS (paper presented)	Chennai	16-18 Feb. 2012	International
45.	State level workshop on “Statistics in Educational Research”	Satara	27-28 Feb. 2012	State
46.	Workshop on “UGC new API score system	Satara	11 <sup>th</sup> Mar.2012	University
47.	Workshop on “NET/SET Exam. Guidance (organizer)	Satara	12 <sup>th</sup> Mar. 2012	State
48.	Workshop on “Biological Control of insect pests”	Kolhapur	22 <sup>nd</sup> Mar.2012	National
49.	Workshop on “ New syllabi of Zoology (B.Sc.III)	Satara	8 <sup>th</sup> Aug. 2012	University
50.	Workshop on “ New syllabi of Zoology (B.Sc.III)	Karad	11 <sup>th</sup> Aug.2012	University
51.	Workshop on “ New syllabi of Zoology (B.Sc.III) (chair person)	Walwa	14 <sup>th</sup> Aug.2012	University
52.	Seminar on “Need of Physical fitness & wellness in the Era of Rat Race”. (paper presented)	Pune	24 <sup>th</sup> Aug.2012	State
53.	Annual training Camp	Mahagaon	12 Oct. 2012 to 21 Oct. 2012	National

54.	XVIII International Congress for Agricultural Sciences	Mayabeque, Cuba	6 -9 Nov.2012	International
55.	Recent trends in Applied Zoology(organizer)	Satara	28-29 Dec.2012	National
56.	Annual training Camp	Mahagaon	02 Jan. 2013 to 11 Jan. 2013	National
57.	Recent advances in Life Sciences with special reference to Bio-technology	Sangli	3-4 Jan.2013	National
58.	Karmveer Jeevan mahapradarshan	Satara	12-15 Jan.2013	State
59.	Recent trends in Life Sciences	Kolhapur	28-29 Jan.2013	National
60.	Science Conference, Rayat Vidnyan Parishad	Satara	2-4 March 2013	State
61.	Green Approaches in Applied Sciences	Karjat	14 -15 March 2013	National
62.	Energy Efficient Campus and Exchange of research on Energy and Environment	Satara	30 May 2013	International
63.	Training workshop for college teacher B.Sc. II	S.G.M. Karad	7 Aug. 2013	University
64.	National Conference recent trends in life sciences, Biotechnology and Applied Zoology	Y.C Karad	27-28 <sup>th</sup> Sep. 2013	National
65.	Farmer training programme on sericulture	Tasgaon	9 Oct.2013	State
66.	Workshop on DARC, RIRD	D.G. Satara	10 Oct. 2013	State
67.	Training Workshop for B.Sc. II	LBS Satara	15 Oct 2013	University
68.	National seminar “Applied research in biotic sciences”	S.P.M. Satara	23-24 Oct. 2013	National
69.	National conference “ Recent trends in Biology”	Dahiwadi	13-14 Dec. 2013	National
70.	CSBR RTMNW Nagpur sericulture technology	Nagpur	17 Dec 2013	State

71.	International conference” Innovation in Energy, polymer and Env. Sciences	YCIS Satara	10-12 Jan 2014	International
72.	“Quiz Competition”	YCIS Satara	18-20 Jan 2014	State
73.	Celebration of R-C Legacy in Science	Peth Vadgaon	24 Jan 2014	State
74.	Workshop on Disaster management	LBS satara	15 mar 2014	University
75.	Workshop on revised Syllabus B.SC.II	Walva	13 Aug 2014	University
76.	National conference on recent trends in physical education and sport	Satara	22-23 Aug 2014	National
77.	Workshop on Concept of Research in Bioinformatics	Satara	26-28 Sept 2014	District
78.	National Conference on recent trends in Physics	Satara	10-11 Oct 2014	National
79.	23 <sup>rd</sup> ISC International Conference on Sericulture and Silk industry	Banglore	24-27 Nov 2014	International
80.	Annual training Camp	Pandharpa ni	01 Dec. 2014 to 10 Dec.2014	National
81.	6 <sup>th</sup> International Conference on Bioscience research for Nutritional security, Environmental conservation and human health in rural India.	Ranchi	22-24 Dec. 2014	International
82.	National conference on Environmental biotechnology	Satara	29-30 Dec. 2014	National
83.	Workshop on professional skills for faculty	Satara	25 Feb. 2015	District
84.	International Conference on Contemporary research in chemical and life sciences	Karad	22-23 April 2015	International

85.	Workshop on Revised syllabus of B.Sc. III (Chairperson of session )	Mudhoji College Phaltan	21 Aug 2015	University
86.	Golden Jubilee Marathon	YCIS Satara	8 Aug 2015	
87.	Workshop on Revised Syllabus of B.Sc.III (Resource person)	D. K. Asc College Ichalkaran ji	23 Aug 2015	University
88.	One day workshop on Applied Zoology (Coordinator)	YCIS Satara	4 Oct 2015	University
89.	Workshop on Revised Syllabus of B. Sc.III	L.B.S. College Satara	5 Oct 2015	University
90.	National Conference on Recent Advances and Applications of Taxonomy in life Sciences ( <b>Coordinator</b> )	Y.C.I.S. Satara	6 & 7 Oct 2015	National
91.	Three day Workshop on Bioinformatics for Life Sciences	Y.C.I.S. Satara	16 <sup>th</sup> -18 <sup>th</sup> Oct 2015	University
92.	National Conference on Challenges in Life Sciences and Environmental Management (Chairperson)	Veer Wajekar College Phunde Raigad	18 & 19 Dec 2015	National
93.	Quiz Competition	YCIS Satara	9 <sup>th</sup> -11 <sup>th</sup> Jan 2016	State
94.	One day Workshop on Research Methodology	YCIS Satara	6 <sup>th</sup> Feb 2016	College
95.	National Seminar on “Biodiversity: an Outlook and Challenges”	D.P. Bhosale College, Koregaon	13 <sup>th</sup> Feb 2016	National
96.	International Summit on “Technology and Innovations for Industry” (ISTII 2016)	YCIS Satara	8 <sup>th</sup> -9 <sup>th</sup> March 2016	International
97.	One day workshop on “UBUNTU- LINUX”	YCIS Satara	22 <sup>nd</sup> June 2016	College



98.	One day workshop on “Construction of an aquarium”	YCIS Satara	15 <sup>th</sup> Sept 2016	College
99.	Three days hands on workshop on “Bioinformatics for life sciences”	YCIS Satara	30 <sup>th</sup> Sept – 2 <sup>nd</sup> Oct 2016	College
100.	World Wild –Life Week Celebrations	YCIS Satara	6 <sup>th</sup> Oct 2016	College
101.	XX NCRESO Conference	Cuba	23 <sup>rd</sup> -25 <sup>th</sup> Nov 2016	International
102.	6 <sup>th</sup> International Science Congress	Hutatma Rajguru Mahavidy alaya Pune	8 <sup>th</sup> -9 <sup>th</sup> Dec 2016	International
103.	Annual Training Camp CATC- 325	Mahagaon	10 <sup>th</sup> – 19 <sup>th</sup> Jan 2017	National
104.	One Day Workshop on “Applied Zoology”	YCIS Satara	7 <sup>th</sup> Jan 2017	University
105.	Eight day workshop on “Sericulture Technology”	District Sericultur e Office	14 <sup>th</sup> -21 <sup>st</sup> Jan 2017	District
106.	National Seminar on “Environmental problem and biodiversity”	LBS Satara	24 <sup>th</sup> -25 <sup>th</sup> Jan 2017	National
107.	One day seminar on “Waste Management” (WM-2017)	YCIS Satara		College
108.	Workshop on “College Autonomy”	YCIS Satara	10 <sup>th</sup> -11 <sup>th</sup> Feb 2017	College
109.	One day international workshop on “Abroad Research Opportunities for Students”	YCIS Satara	8 <sup>th</sup> March 2017	International
110.	Two Days Workshop on “Molecular Biology”	YCIS Satara	16 <sup>th</sup> -17 <sup>th</sup> Mar 2017	College
111.	Two days hands on workshop on “Bioinformatics for Life Sciences”	YCIS Satara	18 <sup>th</sup> -19 <sup>th</sup> Aug 2017	College
112.	Hands on workshop on Cocoon Handicraft	YCIS Satara	22 <sup>nd</sup> Nov. 2017	College

113.	Annual training Camp	Pandharpani	28 Nov. 2017 to 08 Dec. 2017	National
114.	One day workshop on Construction of fish aquarium and cocoon handicrafts	YCIS Satara	5 <sup>th</sup> Dec. 2017	College
115.	One day workshop on Applied Zoology	YCIS Satara	9 <sup>th</sup> Jan. 2018	College
116.	One day workshop on Financial Literacy	LBS College Satara	21 <sup>st</sup> Jan 2018	University
117.	One day workshop on Innovative Research and Patenting Methodology	YCIS Satara	10 <sup>th</sup> Feb 2018	College
118.	Workshop on Disaster management	LBS College	5 <sup>th</sup> Mar 2018	University
119.	International Conference on Recent Advances in Renewable Energy and Hygiene Devices (RAREHD-2018)	YCIS Satara	5 <sup>th</sup> – 6 <sup>th</sup> Mar 2018	International
120.	International Conference on Advanced Research in Life Sciences( Paper reading, Chair Person)	SGM College Karad	27 <sup>th</sup> – 28 <sup>th</sup> Mar 2018	International

## 16. PATENTS FILLED: -- 02

- 1) Livestock Manure Filtration Tank and Method of Operation Thereof.
- 2) A Process For Enhancing the Germination of Horse-gram Seeds and the Production of Agricultural Crops.

## 17. RESEARCH GUIDANCE

Sr. No	Number Enrolled	Thesis Submitted	Degree awarded
Ph. D. or equivalent	6	-	1 ( Mrs. Pawar Aishvarya Sachin)

## 18. MEMBER OF UNIVERSITY BODY / COMMITTEE

- 1) Member of Department Research committee, Zoology, Shivaji University, Kolhapur.
- 2) Recognized guide for Ph. D in Zoology, Shivaji University Kolhapur.
- 3) Recognized supervisor for Ph. D in Zoology, RTMNU, Nagpur.
- 4) Member of Ad- Voc Board of sericulture R.T.M. Nagpur University, Nagpur (2011-2016)
- 5) Member of Ad-Voc Board in National Cadet Corp, Shivaji University, Kolhapur (2011-2016)
- 6) Member of Lead college Activity L.B.S. College, Satara.
- 7) Member of Ethical CPCSEA committee, Dept. of Zoology, Shivaji University, Kolhapur.
- 8) Member of L.I.C. Shivaji University Kolhapur.
- 9) Member of selection committee for college Teachers, Shivaji University, Kolhapur.
- 10) Director of Central Assessment Program, Shivaji University, Kolhapur.
- 11) Zonal officer of Maharashtra Talent Search, Examination.
- 12) Member of Board of Examiners, M.Sc. Examination, Shivaji University, Kolhapur.
- 13) Member of Board of Examiners, B.Sc Examination Shivaji University, Kolhapur.
- 14) Member of Sub Committee Board of Studies in Zoology Shivaji University, Kolhapur
- 15) Member of coordination committee of NCC (Military Science) Shivaji University, Kolhapur 2017-2018.
- 16) Member of Board of Studies in Zoology Shivaji University, Kolhapur 2017-2022.
- 17) Member of Faculty of Science and Technology Shivaji University, Kolhapur 2017-2022.

## 19. MEMBER OF PROFESSIONAL BODY

- 1) Life Member of “SUTA”, Kolhapur.
- 2) Life Member of “ National Environment Sciences Academy Delhi
- 3) Life Member of “ Silk Society of India”
- 4) Life Member of “ National Association of Physical Education & Sports, India”.
- 5) Founder member of “Umbraj Vikas Pratishtan”, Umbraj.
- 6) Member of “ WWF” India.
- 7) Member of “ EDITORIAL BOARD” Paryavaran Vidnyan Patrika, Naldurg.
- 8) Founder of “KRISHNA COMPUTERISED PATHOLOGY LABORATORY”, Umbraj.
- 9) Member of “ZOO PASTA” Shivaji University, Kolhapur.
- 10) Life member of T.B.F SUTA, Kolhapur.

## 20. CADETS JOINED THROUGH N.C.C. FOR AWARDS

- |  |    |
|--|----|
| 1. Republic Day camp Delhi.  | 02 |
| 2. Thal Sainik Camp.   | 04 |
| 3. <b>Chh. Shivaji Maharaj Paritoshik</b> awarded<br>By Shivaji university, Kolhapur.      | 02 |
| 4. <b>Prime Minister scholarship</b> awarded by<br>Govt. of Maharashtra Rs.3000/- each.    | 04 |
| 5. <b>Sahara scholarship</b> awarded by Sahara<br>Group India Rs. 14000/- each.            | 04 |
| 6. <b>Sahara scholarship</b> awarded by Sahara<br>Group India Rs. 30,000/- each.           | 01 |
| 7. Lt/Gen S.P.P Thorat Memorial Prize and<br>Cash Rs. 600/- by Shivaji University ,Kohapur | 01 |

## **21. CADETS JOINED IN INDIAN ARMY**

1. Commissioned through Indian Military Academy, Dehradun.	14
2. Commissioned through officer Training Academy, Chennai.	06
3. Commissioned through National Defense Academy, Pune.	03
4. Joined as Non Commissioned officer in MLI, ASC, AMC, Air force, Navy, technical & Non Technical branches of Army	111

## **22. N.C.C. CAMPS ATTENDED**

1. Annual Training camp.	12
2. National Integration camp.	04
3. Pre-RDC camp.	02
4. Army Attachment camp.	01
5. National Trekking camp.-Shivaji Trail Trek	01

## **23. COLLEGE ADMINISTRATION:**

1. Working as “ Associate N.C.C. officer” as a captain
2. Chairman of “Discipline Committee”
3. Chairman of “ Disaster Management Committee”
4. Chairman of Vermicompost Unit & short term course for college students.
5. Member of “ Ladies sexual Harashment prevention committee”
6. Member of “ Gymkhana committee”
7. Member of “Students council”
8. Member of “ Parent – Teacher committee”.
9. Member of “ Lead college Activity”.
10. Member of “Anti-Ragging committee.”
11. Member of Pre-service recruitment training for Police/Military/Paramilitary training center Y.C.I.S. Satara.

**24. SOCIAL SERVICE ACTIVITIES CONDUCTED:**

1. Organizer of Blood donation camp
2. Organizer of Tree plantation program
3. Organizer anti-AIDS campaign rally.
4. Organizer of Anti-addiction rally
5. Organizer of NO DRINK NO DRIVE rally
6. Organizer of Pulse Polio mass immunization program
7. Organizer of Bicycle Rally for awareness among the citizens for **Cleanliness drive**.
8. organizer for Road rally for Traffic control week.
9. Organizer for International Yoga Day activity.
10. Organizer Satara Hill Cyclothon.

**Maj. Dr. R.S. DUBAL.**