



Rayat Shikshan Sanstha's
Yashavantrao Chavan Institute of Science, Satara (Autonomous)
Lead College of Karmaveer Bhaurao Patil University, Satara

Faculty Profile

❖ **General information**

Name : Prin. Dr. B.T. Jadhav M.Sc. M. Phil. Ph.D. Electronics
Official Address : Y C I S, Satara (Autonomous).
Residential Address : "Shri-Nath", plot no-2,
Smriti colony, Shahunagar, Godoli, Satara.
Phone : 02162-234392, 233392, 9421215973
Email Address : btj21875@gmail.com
Designation : **Principal**
Department : Electronics
Educational Qualification : **M.Sc. M. Phil. Ph.D. Electronics**
Date of Appointment : 24 Aug 1993
Teaching Experience : 24 Aug 1993 to 15May 2013
22 years
Research Experience : 30 years
Research Area : Electronics, Fuzzy Logic Controller, Web based Models Developments,
Distributed SystemDesign, and Service Oriented Architecture



❖ **Educational Qualification Details** : M.Sc. M. Phil. Ph.D. Electronics

❖ **Academic and Administrative Responsibilities**

Sr. No.	Orgnization	Duration	Designation	Role	Total Experience
1	Yashavantrao Chavan Institute of Science, Satara(Autonomous Institute)	7 Aug 2020 – Till date	Principal	Administration , Research, Teaching.	11 Years
2	Dahiwadi College, Dahiwadi	14 July 2017 To 6 Aug 2020	Principal	Administration Research, Teaching.	
3	Chh. Shahu,Kolhapur.	7 July 2017 to 13 July 2017	Principal	Administration Research, Teaching.	

4	D G College of Commerce,Satara,	16 May 2013 -31 May 2014	Principal	Administration Research, Teaching.	
5	Rayat Institute of Research and Development, Satara	16 May 2013 – 6 July 2017	Deputy Director	Administration Research, Teaching.	
6	Yashvantrao Chavan Institute of Science, Satara	24 Aug 1993 to 15May 2013	Assistant Professor	Teaching, Evaluation College committee	20 Years

❖ **Awards/Honors/Recognitions/Scholarship etc.:**

Sr. No.	Name of the award/honor/recognition	Awarding Organization	Date and year
1	Best Principal Award.	Dreem foundation,Satara	2023
2	Best Principal Award.	N R Mane - Best Principal Award	2017
3	Best Teacher Award for Excellence in Research Activities and EducationalContribution	Rayat Shikshan Sanstha, Satara	2013-14. (Amount Rs. 51000/-)
4	Best Teacher Award.	Yashvantrao Chavan Institute of Science, Satara,	29 / 01 / 2013
5	Excellence in Research Award	Shivaji University Kolhapur	2003
6	Junoni Bhooshan Award	Raje Shivaji Public Library, Government FundedLibrary, Junoni, Solapur.	2007
7	Maharashtra Vivekvahini Appreciation Award	Run by Dr. Vasantrya Govarikar	28 / 02 / 2007.

❖ **Membership to Professional Organizations/Associations:**

Sr. No.	Membership type (Annual/Life/any other)	Organization/Association	Date and year
1	Director	Rayat Institute of Research and Development, Affiliated to ShivajiUniversity, Kolhapur.	16 May 2013 To 6 July 2017
2	Chairman	Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara	

3	Director , Competitive Examination Guidance Centre.	Y.C. I.S. Satara.	From-4/1/2005till Date
4	Coordinator , NET/SET Guidance Centre.	Y.C. I.S. Satara.	from 1/6/2011 till Date
5	Coordinator , Career Guidance Centre.	Y.C. I.S. Satara.	from 1/6/2012 till Date
6	Coordinator , UPSC Guidance center.	Y.C. I.S. Satara.	from 1/6/2012 till Date
7	Member , Various Projects Run by Karmaveer Vidyaprabodhini.	Rayat ShikshanSanstha	
8	Member of Advisory Committee and Co-ordinator –UGC Sponsored Counseling Centerfor Entry in Service Scheme for SC/ST Students.	YCIS, Satara.	1-4-2005 to 31-3-2010
9	Co-ordinator - UGC Sponsored Counseling Center for Entry in Service Scheme for SC/ST Students,	YCIS, Satara.	1-4-2008 to till today
10	Member of Organizing Committee for Seminar/ Workshop/ Symposium/ State Level,	University Level	
11	Participated Syllabus framing of Short Term Courses	Programming in C, Programmingin C and C++, Embedded C, Basic Networking, Web Designing	
12	Non Governmental Organizations Examination Work Done	Worked as a DivisionalConductor of MTS Examination for Konkan Region- Four Turns (Chiplun Division)	April2008, April 2009, April 2010 , April 2011, and for Satara region April 2012
13	Invited Member of Karyakarani Council Karmaveer Vidyaprabodhini	Rayat ShikshanSanstha, Satara from 2006 and Actively Participated in Various Activities of Sanstha	

❖ **Worked as Editor/Reviewer to Journals/Books/Proceedings etc.**

Sr. No.	Name of the Teacher	Month and Year of Publication	Title of the Book Published	Title of the Chapter published	Name of the Publisher	ISBN of the Book/Conference Proceeding
1	B. T. Jadhav, S. K. Shinde,	10/03/2022	Futuristics trends & innovations in computer science	Editor	Aavishkar Publications	ISBN 978-964704-3-2
2	B. T. Jadhav S. H. Mujawar A. P. Torane G. S. Nhivekar S. D. Jituri	10/03/2022	RECENT TRENDS IN MATERIALS FOR ADVANCED TECHNOLOGIES	Editor	Aavishkar Publications	ISBN: 978-81-96470-7-0

❖ **Research Projects (Ongoing/Completed)**

Sr. No.	Title of Project	Duration	Amount Sanctioned (in Lakhs)	Agency	Status (Ongoing/Completed)
Major Research Project					
Minor Research Project					
1	“Fuzzy Process Control For Sugar Industry”	1/4/2002-31/3/2004	50,000/-	funded by UGC	Completed
2	“ Designing and Development of Web based distributed system”	1/8/2007-31/7/2009	1,00,000/-	funded by UGC	Completed
3	“Implementation of AI during Transportation of Nursery Seedlings”	2022-23 to 2023-24	50000/-	YCIS Satara	Ongoing
4	Survey of use of advanced technology in agriculture sectors in Satara district	2022-23 to 2024-25	50000/-	Dept. of Data Science , Data Center– YCIS Satara	Ongoing
5	Survey to study impact of drought in Satara district	2022-23 to 2024-	50000/-	Dept of Data	Ongoing

with respect to climatic changes	25		Science, Data Center – YCIS Satara	
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❖ **Research Guidance:**

- Number of students (M.Phil) 1) Completed: 02 2) Registered: Nil
- Number of students (Ph.D.) 1) Completed: 12 2) Registered: 06
- Research areas
 - a. Fuzzy Logic Controller
 - b. Web based Models
 - c. Distributed System Design
 - d. Service Oriented Architecture

❖ **Details of Research Publications**

A) Patent

Sr. No.	Title	Patent No.	Indian/US/ Any other	Granting date
1	A System for Assessing Symptomatic Risk Diagnosing and Classification of Diabetes	2021102973	Australians	28-01-2021
2	Model for Fuzzy based personal Identification	202021042572	Indian	30-10-2020
3	A Filament Monitoring System For A 3d Printing Machine	202021054345	Indian	17-6-2022
4	An Audio Alert Security Device	202021054347	Indian	17-6-2022
5	An IOT of things Based Garbage Recycling System and lits Implementation Method There of	2021102776	Australians	02-03-2022
6	A method of preparation of lanthanum strontium tungsten oxide composite electrode for supercapacitor application”	202221046044	Indian	09-09-2022
7	A method of organic red amaranth stems derived	202221046042	Indian	30-09-2022

	activated carbon electrode for supercapacitor application.			
8	A method of preparation of lanthanum strontium manganite doped ammonium zinc phosphate based electrode for supercapacitor application	202221069654	Indian	27-01-2023
9	Metal oxide composite comprising Lanthanum Strontium Tungsten Nanoparticles by solution combustion synthesis method for NO ₂ gas sensing application	202221070834	Indian	27-01-2023
10	Titration instrument to determine analyte concentration	389732-001	Indian	6-7-2023
11	Piston burette for liquid delivery	389950-001	Indian	10-7-2023

B) Books/Book Chapters

Sr. No.	Name of the Teacher	Month and Year of Publication	Title of the Book Published	Title of the Chapter published	Name of the Publisher	ISBN of the Book/Conference Proceeding
1	Sharmila S. More,, Bhawna Narain,, B.T. Jadhav	Sep-20	Advances in Biomedical Engineering and Technology. Lecture Notes in Bioengineering.	Advanced Encryption Standard Algorithm in Multimodal Biometric Image	Springer, Singapore. Publisher: Springer Nature Publication: Springer eBook	Print ISBN:978-981-15-6328-7 Online ISBN978-981-15-6329-4
2	More, S.S., Jadhav, B.T., Narain, B.	Sep-22	Emerging Technologies in Data Mining and Information Security	Privacy Conserving Using Fuzzy Approach and Blowfish Algorithm for Malicious Personal Identification	Springer, Singapore	Print ISBN 978-981-19-4675-2 Online ISBN 978-981-19-4676-9
3	More, S. S., Narain, B., & Jadhav, B. T.	Jan-22	ICT Analysis and Applications	Personal Identification Using Fuzzy Approach and RSA Algorithm.	Springer Nature Singapore	Print ISBN 978-981-19-4675-2 Online ISBN 978-981-19-4676-9 Online ISBN 978-981-16-5655-2

5	Jaykumar Bhosale, Sheetal Zalte & Bharat Jadhav	Jan 2023	Communications in Computer and Information Science book series (CCIS, volume 1738)	Comparison of Routing Protocols with Performance Parameters in MANET Using NS3	Springer, Cham	"Online ISBN978-3-031-23724-9 Print ISBN 978-3-031-23723-2"
6	S. K. Shinde, S. R. Pol, G. S. Nhivekar, B. T. Jadhav, P. B. Buchade, M. L. Dongare, A. D. Shaligram	10 / 03 / 2022	Recent Trends in Materials for Advanced Technologies	Microfluidics Lab-On-Chip From Design, Fabrication to Applications	Aavishkar Publications	ISBN 978-964704-3-2
7	S. V. Nikam, P. S. Pawar, S. H. Mujawar, Dr. B. T. Jadhav	2022	Recent Trends in Materials for Advanced Technologies	Review On Nanostructures For Purification of Toxic Gase	Aavishkar Publications	ISBN 978-964704-3-2

D) Research papers:

Sr. No.	Name of the Research Paper
1	“Analysis of Physicochemical Changes During the Ripening of Cavendish Banana and Velchi Banana”, S. M. CHIWATE , B. T. JADHAV and S.V. NIKAM Current Agriculture Research Journal ISSN: 2347-4688, Vol. 11, No.(1) 2023, pg. 236-243.
2	“Role of Parallel Data Processing in Big Data”, S.B.Khandagale, Dr Gitanjali Sinha, Dr B T Jadhav , IJIRT 158840, March 2023, Vol-9, Issue-10, ISSN:2349-6002, Page: 926-929.
3	“Big Data Generated in IOT”, R P Waghmare, Dr Gitanjali Sinha, Dr B T Jadhav , IJIRT 158677, March 2023, Vol-9, Issue-10, ISSN:2349-6002, Page: 533-536.
4	“Parameters of Banana at various stages that affects supply chain and value chain” , S.M. Chiwate,B.T. Jadhav,S.V.Nikam, BEPLS Spl. Issue [1] Jan 2023,Page 542-544.
5	“Modern Technologies in Winemaking Process”, Pratiksha Kambale, B.T. Jadhav BEPLS ISSN- 2277-1808, Spl Issue [1] Jan 2023,Page 429-434.

6	“Fuzzy inference system to calculate SO ₂ requirement in red wine”, Pratiksha Kambale, B.T. Jadhav , BEPLS Spl Issue [1] Jan 2023,Page 411-418 .
7	“Synthesis of Zinc Oxide Nanoparticals for Antibacterial Application” , S.V.Nikam , B.T. Jadhav, BEPLS Spl Issue [1] Jan 2023,Page 561-563.
8	“Comparison of Routing Protocol with Performance Parameters in MANET using NS3”, Jaykumar Bhosale and B T Jadhav, Advancement in Interdisciplinary Research Springer Nature Switzerland, AG-2022, Page 1-7 , 2022 page 1-7.
9	“An Assessment of Machine Learning Approach to Detect Diabetic Retinopathy”, Kavita Mali, B T Jadhav, Published at Recent Trends in Science and Technology- Life Science, , ISBN- 978-81-948061-9-6, Page 5.1 to 5.4.Dec 2022.
10	“Role of Expert System in Winemaking Process”, Published at Recent Trends in Science and Technology- Comp. Sci, , ISBN- 978-81-948061-9-6, Page 2.47 to 2.57. Dec 2022.
11	“Effective Method of Bike Starting Using Keypad for Security against Bike Thefts” Kavita Gadekar , Shailesh Jangam , Shrihari Gubbala , Sunil Barkade , Bharat Jadhav International Journal for Research in Applied Science &Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538, Volume 10 Issue XI Nov 2022. Pages 716-718.
12	“Ball Pen Ink Level Indicator”, Kavita Gadekar, Shrihari Gubbala,Sunil Barkade, Bharat Jadhav, International Journal of Innovative Science and Research Technology, Volume 7, Issue 4, April – 2022 Pages 818-820.
13	“Review paper on Improved DSR Protocol for MANET”, Jaykumar Bhosale , B T Jadhav, Published by Recent Trends in Science and Technology- Comp Science , ISBN No- 978-81-948061-9-6. 2022, Page 2.87 to 2.91.
14	“Performance Study of Dynamic Source Routing Protocol with respect to Mobility of Ad hoc network”, Published at International Journal of Computer Science and Engg, ISSN- 2347-2693, Vol.-10, Issue -10, Oct 2022, Page 9 to 14
15	“Versatile Three-in-One Single Beam Visible Colorimeter for Undergraduate Chemistry Laboratories”, Ganesh S. Nhivekar, Sourabh R. Jagdale, Santosh B. Kamble, Bharat T. Jadhav, Rajanish K. Kamat, and Tukaram D. Dongale., Published XXXX by American Chemical Society and Division of Chemical Education, Inc., Cite This: https://doi.org/10.1021/acs.jchemed.2c00372 . Oct 2022
16	“Fuzzy Expert System for Severity Measurement of COVID-19 Suspect” B.T. Jadhav, G.S. Nhivekar, International Journal of Research and Review (ijrrjournal.com) , DOI: https://doi.org/10.52403/ijrr.20211219 , Vol.8; Issue: 12; December 2021, E-ISSN: 2349-9788; P-ISSN: 2454-2237

17	“QUALITY PARAMETERS OF WINE: A REVIEW”, Pratiksha Kamble, Dr.B.T.Jadhav, International Journal of Engineering Applied Sciences and Technology, Published Online December 2021 in IJEAST, 2021, Vol. 6, Issue 8, ISSN No. 2455-2143, Pages 177-182.
18	“REVIEW PAPER ON EXPERT SYSTEM FOR DEPRESSION, ANXIETY”, Nirmala Shinge, Dr.B.T.Jadhav, International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume:03/Issue:11/November-2021 Impact Factor- 6.752.
19	“Review Paper on Expert System for Depression , Anxiety”; B.T. Jadhav and etl., International research Journal of Modernization in engineering Technology and Science; e-ISSN: 2582-5208, Vol-03/ Issue-11, Nov 2021, Impact Factor: 6.752, Page 345 to 347
20	“ Web Based Fuzzy Expert System for Symptomatic Risk Assessment of Diabetes Mellitus” ; B. T. Jadhav and etl.; International Journal of Computer Applications ; ISSN: 0975-8887; vol: 182-No -3 July 2018, Page 5 to 12.
21	“Comparative Study of Biometric Devices”; B.T. Jadhav and etl.; International Journal of Innovative Research in Computer and Communication Engineering; ISSN(Online):2320-9801,ISSN(Print): 2320-9798;Vol:5, Issue 2, Feb 2017, Page 2301 to 2305.
22	“ Web Based Fuzzy Expert System for Diabetes Diagnosis”; B.T. Jadhav and etl.; JCSE:International Journal of Computer Sciences and Engineering , ISSN: 2347-2693, Vol-7, Issue-2, feb 2019., Page 995 to 1000.
23	“ Fuzzy Logic in Relation to use Potassium in Grape Vineyard”, B.T. Jadhav; Journal of BIONANO FRONTIER, ISSN: 0974-0678, Online: 2320-9593, Vol-10, Issue-2, July-Dec 2017, Page 211,219.
24	“Review on the effect of preparative parameters of spray pyrolysis technique on optical and electrical properties of Zinc Oxide and thin film”; B.T. Jadhav and etl., 2021, International Journal of Advance Research, Ideas and Innovations in Technology ; Vol -07, Issue-4, V714-1682 , Page 1238 to 1244.ISSN:2454-132X Impact factor: 6.078.
25	“Online Approach for Diabetes Diagnosis and Classification with Expert System Modules using Fuzzy Logic”; B.T. Jadhav and Etl.; IEEE, Pune Section International Conference (Punecon) MIT Word Peace University , Pune, India, Dec 18-20, 2019; ISBN : 978-1-7281-1924-3/19/ 2019 IEEE.Page 1 to 6.
26	“An Alarm System for Effective and Gentle Brushing Method to Avoid the Mouth Problems”; B.T. Jadhav and etl.; International Journal of Innovative Research in Technology, Vol : 08, Issue :05, ISSN: 2349-6002.
27	“Data Encryption Standard Algorithm in Multimodal Biometric Image”; B. T. Jadhav and etl., 2018, JCSE International Journal of Computer Sciences and Engineering, Vol.-6, Issue – 8, Aug. 2018 E-ISSN: 2347-2693, PP. 869-874.

28	“ Comprehensive Study on Web Based Expert Systems For Disease Diagnosis and Treatment”; B.T. Jadhav and etl., 2017,International Journal of Computer Engineering and Applications, Volume XI, Issue X, October 17, ISSN 2321-3469, PP. 1-9.
29	“Web-based Fuzzy Expert System for Diabetes Diagnosis”; B. T. Jadhav and etl., 2019, JCSE International Journal of Computer Sciences and Engineering, Vol. – 7, Issue – 2, Feb. 2019, E-ISSN: 2347 – 2693, PP. 995 – 1000.
30	“Advanced Encryption Standard Algorithm in Multimodal Biometric Image”; B. T. Jadhav and etl.;
31	“Role of Modified Gabor Filter Algorithm in Multimodal Biometric Images”; B. T. Jadhav and etl., 2019, Proceedings of the 13th INDIA com; INDIA com – 2019; IEEE Conference ID: 46181 2019 6th International Conference on “ Computing for Sustainable global Development”, 13th - 15th March, 2019 BharatiVidyapeeth’s Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA), ISSN 0973 – 7529, ISBN 978-93-80544-32-8.
32	“ Comparative Study of Unimodal and Multimodal Biometric system”; B. T. Jadhav and etl., 2017, International Conference (ITESM – 2017) On Innovative Trends in Engineering Science and Management 10-11 November 2017.
33	“ Fuzzy Logic Based Contactless Risk Dedication and Prevention System to prevent COVID – 19 Suspect at Entrance”; B. T. Jadhav and etl.,International Journal of Advanced Engineering Research and Science (IJAERS), ISSN: 2349 – 6495 (P) / 2456 – 1908 (O), Vol.- 8, ISSUE – 1, Jan – Feb. 2021, PP. 91 -93.
34	“Applicative Aspects of Piezoelectric Sensors for Power Generation”; B. T. Jadhav and etl., 2020, JECET: September 2020 – November 2020; Sec. C; Vol. 9 No. 4, 663 – 667, E-ISSN: 2278 - 179X, PP. 663 – 667.
35	“ Performance Analysis of Manet Mobile Ad hoc Network: DSR and AODV”; 2020, IJRAR September 2020, Volume 7, ISSUE 3, E-ISSN 2348 – 1269, P –ISSN 2349 – 5138, PP. 226 – 232.
36	“ Fuzzy Approach to Maintaining Desired Routing Load in Ad hoc Network for AODV Protocol”; B. T. Jadhav and etl.
37	“A Review Paper on Expert System for Diagnosis of Psychological Disease”; 2020, B. T. Jadhav and etl., International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 04, Issue: 08, August 2020, ISSN : 2582 – 3930, PP. 1 – 6.
38	“Analysis of Manet Mobile AD HOC Network: DSR and AODV”; B. T. Jadhav and etl., 2019, VOLUME – VIII, AJANTA - ISSUE – I, January – March – 2019, ISSN 2277 – 5730, Impact Factor – 5.5, PP. 72 – 77.

39	“COM Port Based Distributed System”, B. T. Jadhav and etl., Journal of Computer Science and System biology, vol 6 (1), ISSN 0974 – 7230, pp. 22-24.
40	“Energy Required to Soil for Grape Production with Micro Nutrient Zinc Sulphate”, B. T. Jadhav and etl., International Referred Journal of Engineering and Science (IRJES), ISSN: 2319-183X, Volume 6, Issue 3, March 2017, pp. 44-49.
41	“Fuzzy Logic in Relation to Use Magnesium in Grape Vineyards”, B. T. Jadhav and V.B. More, A Journal of Science and Technology (Bionano Frontier), Vol.9, issue-3, ISSN: 0974-0678, Impact Factor 4.856 ,2016.
42	“Calibration of Combustion and Toxic Gas Sensor for Industrial Applications”, B. T. Jadhav and G. B. Girage, International Journal of Innovative and Engineering Research in Engineering, ISSN: 2394-3343, Impact factor: 3.47 , vol.III, Issue 11, 2016.
43	“Analysis of AODV Protocol against Pause Time Using NS2.34”, B. T. Jadhav, Samiksha Nikam, International Journal of Wireless and Microwave Technology, ISSN: 2250-3501, Impact Factor: 0.765 , Vol.6, No 6, Nov. 2016, pp.63-71.
44	“Fuzzy Toolbox for Security of MANET”, B T Jadhav, A. S. Mulla, ISSN(Online): 2320-9801, ISSN (Print): 2320-9798 International Journal of Innovative Research in Computer and Communication Engineering, Vol. 4, Issue 9, September 2016, pp 15838-15844. Impact Factor: 6.577 .
45	“Routing Load Analysis of AODV Protocol with Respect to Mobility of the Network using Ns2.34”,B T Jadhav, Samiksha Nikam, International Journal of Computer Networks and Wireless Communications (IJCNWC), ISSN: 2250-3501, Impact Factor: 0.765 ,Vol.6, No 4, July 2016, pp.1-5.
46	“Portable Wireless Liquid Petroleum Gas leakage Detection System for Home and Industrial Automation”, G. B. Girage and B.T. Jadhav, International Journal of Electronics, Electrical and Computational System, Impact factor 2.52 , Vol. 5, Issue 5, May 2016, ISSN 2348-117X.
47	“Performance Analysis of Ad-hoc Network Considering Energy and Packet Delivery Ratio with Speed- A Fuzzy Approach”, A. S. Mulla and B.T. Jadhav, International Journal of Computer Applications, Vol. 142, no. 6, May 2016, ISSN: 0975- 8887, pp.14-17.
48	“An overview of Technologies Used in Biometric System”, S. S. More and B.T. Jadhav, International Journal of Innovative Research in Computer and Communication Engineering, Impact Factor: 5.618 ISSN:2320-9801 and Print: 2320-97-98, Vol.4, Issue 2, Febuary 2016, pp. 2399-2405.

49	“Development of Fuzzy Inference System for Nitrogen Requirement in Grape Vineyard”, Vilas B. More, B. T. Jadhav, Int. Journal of Engineering Research and Applications ISSN: 2248-9622, Vol. 6, Issue 2, (Part - 3) February 2016, pp.18-25.
50	“Fuzzy based Approach for Determination of Speed in Ad-Hoc Network using Packet Drop”, A. S. Mulla and B. T. Jadhav, International Journal of Computer Applications (0975 – 8887), Volume 136 – No.2, February 2016, pp.1-4.
51	“Delay Analysis of DSDV Protocol using NS 2.34”, Samiksha Nikam and B. T. Jadhav, International journal of Computer Applications, ISSN: 0975: 8887, VOI 134, No.2, January 2016, pp.13-16.
52	“Overview of Biometric System”, Sharmila More and B. T. Jadhav, Proceeding National Conference on –Reflection: Emerging Drift, ISBN: 978-93-85665-02-8, 27 December 2015, pp. 56-64.
53	“Fuzzy System for Diagnosis and Treatment of Kidney Diseases” S. R. Mulik , B. T. Jadhav, International Journal of Scientific Engineering and Research (IJSER), Volume 3 Issue 12, December 2015 www.ijser.in ISSN (Online): 2347-3878, Impact Factor : 3.05
54	“Effect of Fuzzification Technique on Accuracy of Fuzzy Algorithm” S. R. Mulik , B.T. Jadhav, International Journal of Innovative Research in Computer and Communication Engineering, An ISO 3297: 2007 Certified Organization, Vol. 3, Issue 6, June 2015 (Copyright to IJIRCCE DOI: 10.15680/ijircce.2015.0306189 5799) ISSN(Online): 2320-9801, ISSN (Print): 2320-9798, pp.5799-5805.
55	“Fuzzy System for Treatment of Kidney Stone”, S. R. Mulik and B. T. Jadhav, International Journal of Emerging Technology and Innovative Research, ISSN: 2349-5162, Vol. 2, Issue 5, May 2015, pp. 1591-1595, Impact Factor: 1.92.
56	“Network Security Parameter Analysis using Simulation Approach”, A. S. Mulla and B. T. Jadhav, Global Journal for Research Analysis, ISSN No 2277-8160, Volume 4, Issue 4, April 2015, pp. 33-34, Impact factor: 3.1218.
57	13) “Fuzzy Approach for Throughput Selection in Mobile Ad hoc Network”, Samiksha Nikam and B. T. Jadhav, International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), ISSN: (2320-9801 and 2320-9798), Vol. 3 , Issue 4, April 2015, pp. 2791-2798. Impact Factor: 5.618.
58	“Developing Asynchronous Web Services and their Invocation”, G. M. Tere, R.R. Mudholkar and B. T. Jadhav , International Journal of Research in Advent Technology (IJRAT), E-ISSN: 2321-9637, Vol.3, No. 03, March 2015. <i>Impact Factor: 1.473</i>

59	“Integrated Web Applications with SOAP”, Tere, G. M., Mudholkar, R. R. and Jadhav, B. T. (2014), Journal of Basic and Applied Engineering Research (JBAER) , Vol 1, Number 6, October 2014, Print ISSN: 2350-0077, ISSN: 2350-0255, pp 46-50
60	“E-Waste, Information System and Green Computing”, P.P Patil and B. T. Jadhav, Proceeding s of National Conference on Modern Approach for Green Electronics and Computing,(MAGEC- 2014),(ISBN-978-81-928732-2-0), Sept. 2014, pp.212-214.
61	“Fuzzy logic Algorithms for Extracting Biometric Data”, Sharmila More and B. T. Jadhav, Proceeding s of National Conference on Modern Approach for Green Electronics and Computing,(MAGEC- 2014),(ISBN-978-81-928732-2-0), Sept. 2014, pp.200-204.
62	“Fuzzy Approach for Wine Making Process”, B. T. Jadhav, J. R. Yadav, Proceeding s of National Conference on Modern Approach for Green Electronics and Computing,(MAGEC- 2014),(ISBN-978-81-928732-2-0), Sept. 2014, pp.38-46.
63	“Fuzzy Algorithm for Treatment of Renal Tubular Acidosis”, S. R. Mulik and B. T. Jadhav, Proceeding s of National Conference on Modern Approach for Green Electronics and Computing,(MAGEC- 2014),(ISBN-978-81-928732-2-0), Sept. 2014, pp.55-59.
64	“Crisp Algorithm for Treatment of Renal Tubular Acidosis”, S. R. Mulik and B. T. Jadhav, Proceeding s of National Conference on Modern Approach for Green Electronics and Computing,(MAGEC- 2014),(ISBN-978-81-928732-2-0), Sept. 2014, pp.107-110.
65	“Developing e-learning Labs in Clouds”, Girish Tere and B. T. Jadhav, Proceeding s of National Conference on Modern Approach for Green Electronics and Computing, (MAGEC- 2014), (ISBN-978-81-928732-2-0), Sept. 2014, pp.174-179.
66	“Throughput Analysis of Ad-hoc Network for Destination Sequenced Distance Vector Protocol (DSDV) using NS2.34”, Samiksha Nikam and B. T. Jadhav, Proceedings of National Conference on Modern Approach for Green Electronics and Computing,(MAGEC- 2014),(ISBN-978-81-928732-2-0), Sept. 2014, pp.80-85.
67	“Need of Database Forensic Investigation Technique in Tender Processing Applications”, Yogeshkumar Gaikwad and Dr. B. T. Jadhav, Proceeding s of National Conference on Modern Approach for Green Electronics and Computing,(MAGEC- 2014),(ISBN-978-81-928732-2-0), Sept. 2014, pp.180-182.

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181	“Fuzzy Support For Boiler Water Softening”, B. T. Jadhav , etl. and S.R.Sawant, Proceeding of National Seminar on Electro & Magneto Ceramics, Devices and Systems-(NSEMCDS-02), Shankarrao Mohite Patil Mahavidhyalaya Akluj, Solapur, Proceeding 2004,pp.72-74.

E) Paper Presentation in Conference /Seminar/ Symposia:

Sr. No.	Name of the Paper Presented Conference /Seminar/ Symposia
1	Paper Presented in 3 rd International Conference on Emerging Technologies in Data Mining and Information Security , organized by Dept of Comp. Application and Science , Institute of Engg. And Management, date 23 to 25 Feb 2022.
2	Presented Paper on “Micro-fluidics based Bio Sensor – Application for precision agriculture”, Two Day International Conference on Advances in Chemical Science , S.M. Joshi College , Hadapsar Pune , 18-19 December 2018.
3	Presented Paper on “Fuzzy Approach on Solar Panel Adjustment System during Day time” , International Conference on Chemistry, Environment and Energy, YC Inst of Science, Satara, 16-18 Feb 2019.
4	Presented Paper on “ Sunlight Tracking System Fuzzy Controller based System”, International Conference on Recent Advances in Renewable Energy and Hygiene Devices , YC Inst of Science, Satara, 5-6 March 2018.

5	Presented Paper on “Online approach for Diabetes Diagnosis for Classification with Expert System Modules using Fuzzy Logic”; B.T. Jadhav, 2 nd International Conference on “ Innovating technology for Humanity”, MIT Word Pease University and IEEE , 18-20 Dec 2019.
6	Presented Paper on “Fuzzy Approach for Spray Pyrolysis Technique” . – International Conference on Emerging Trends and Challenges in Electronics and Computing”(ETECH-2021);Yashavantrao Chavan Institute of Science, Satara(Autonomous) , 4-6 March 2021(International)
7	Presented Paper on “ Personal Identification Using Fuzzy Approach and RSA Algorithm”, 6 th International Conference on ICT for Sustainable Development , GOA, India, 5-6 August 2021.
8	Presented a paper on, “Farmer Facility Center Development- An Innovative Skill”, International Conference on Life Skill for Achieving Sustainable Development Goals 2030, Indian Association of life Skills Education and Pune Universities S M Joshi College Hadapsar, Pune, 3-5 Feb. 2017. (International)
9	Presented a paper on, “Soil Treatment for Grape Production”, BCUD, Pune university Sponsored National Conference on Awareness on Conservation of Energy Resources and Management: An Interdisciplinary Approach, S M Joshi College Hadapsar, Pune, 17-18 Jan 2017.(National)
10	Presented a paper on, “Fuzzy Approach to Design DSDV Protocol in Ad-hoc mobile Network”, UGC-CPE Sponsored National Conference on Innovative Trends in Electronics and Allied Technology (ITEAT-2017), Y. C. Institute of Science, Satara, 23 Feb 2017. (National)
11	Presented a paper on, “Impact of Jelly Fish Attack in MANET”, UGC-CPE Sponsored National Conference on Innovative Trends in Electronics and Allied Technology (ITEAT-2017), Y. C. Institute of Science, Satara, 23 Feb 2017. (National)
12	Presented a paper on, “PIR Motion Detector using Ardiuno”, State level Seminar on Emerging Trends in Computing Technology (ETCT- Tech ++ 2017), Y. C. Institute of Science, Satara, 17 Feb 2017. (State)
13	Presented a paper on, “Heart Beat Monitoring System”, State level Seminar on Emerging Trends in Computing Technology (ETCT- Tech ++ 2017), Y. C. Institute of Science, Satara, 17 Feb 2017. (State)
14	Presented a paper on, “Fuzzy Logic in Relation to use Potassium in Grape Vineyards”, UGC Sponsored National conference on Frontier Areas in Chemical Sciences (FACS-2017), Y C Institute of Science, Satara, 27-28 Jan 2017. (National)
15	Presented a paper on, “Brain Attack treatment suggestion and its diagnosis using soft computing and Asp.NET”, National Conference on Recent trends in Information Technology, Sadguru Gadage Maharaj College, Karad, 29 Jan 2017. (National)

16	Presented a paper on, “Fuzzy logic in relation to use Magnesium in Grape Vineyards”, 5 th National conference on Recent Trends in Computer Science and Applications and Computational Mathematics, Indira college of Commerce and Science, Pune, 22-23 Dec. 2016. (National)
17	Presented a paper on “Portable Wireless Liquid Petroleum Gas leakage Detection System for Home and Industrial Automation”, International Conference on Innovative Research in Engineering Science and Management, Gwalior Institute of Information Technology on 8 th May 2016. (International)
18	Presented a paper on “Development of Fuzzy Inference System for Phosphorous Requirement in Grape Vineyard”, International Conference on Functional Eco-Friendly Smart Emerging Materials, 11-12 March 2016, B. G. Gholap College Sangvi, Pune. (I)
19	Presented a paper on “Energy and Packet Delivery Ratio-for ad-hoc Network a Fuzzy Analysis”, Two Days International Conference on Challenges and opportunities Before 21 st Century India in the fields of Social Sciences, Science and Management and Technology, Rajarshi Chhatrapati Shahu College, Kolhapur, 6-7 Feb 2016.(I)
20	“Development of Fuzzy Inference System for Potassium Requirement in Grape Vineyard”, National Conference on Interdisciplinary Approach in Scientific Research (IASER 2016)- Sponsored by BCUD S. P. Pune University, Pune, at S. M. Joshi College, Hadapsar, Pune, 11-12 Jan 2016.(N)
21	Presented a paper on, “Overview of Biometric System”, National conference on “Reflection: Emerging Drift”, 27 Jan 2016, Jayawant Institute, Karad, organized by Association of Management Institutes. (N)
22	Presented a paper on, “ Development of Portable Air Quality Detector based on Ultra Low Power MSP 430”, National Conference on Emerging Trends in Electronics and Computer Science(ETECS-2015), UGC-SAP, DST-PURSE, IEEE India SSCS and CASS Chapter Jointly Organized by Department of Electronics and Computer Science, Shivaji University, Kolhapur, Feb 13-14, 2015. (N)
23	Presented a paper on, “Review of Expert System based Diabetes Treatment”, UGC Sponsored National Conference on Advances in Wireless Sensors Networks and its Applications, Shankarrao Mohite Mahavidyalaya Akluj, Solapur, 12-13 Dec 2014. (N)
24	Presented a paper on, “Fuzzy logic Approach for Heat Treatment of Milk in Dairy Technology”, UGC Sponsored National Conference on Modern Approach for Green Electronics and Computing, Y. C. institute of Science, Satara, 29-30 September 2014. (N)

25	Paper Presented on, “ Study of Performance measurement of Bluetooth and Required Data Analysis Using Statistical Methods”, in National Conference on “Computer Science, Information Technology and Management”, Organized by Sinhgad Institute of Computer Sciences, Pandharpur, Dist. Solapur, 6-7 March 2014.(N)
26	Paper Presented on, “Need to Design and Develop a Fuzzy Algorithm for Diabetes Diagnosis”, in National Conference on “Computer Science, Information Technology and Management”, Organized by Sinhgad Institute of Computer Sciences, Pandharpur, Dist. Solapur, 6-7 March 2014.(N)
27	Paper Presented on, “Upgraded Validation Model for Database Forensic Investigation Using Secondary Logs”, in National Conference on “Computer Science, Information Technology and Management”, Organized by Sinhgad Institute of Computer Sciences, Pandharpur, Dist. Solapur, 6-7 March 2014. (N)
28	Paper Presented on, “Need to Design Framework for Service Oriented Architecture Using Fuzzy” in National Conference on “Computer Science, Information Technology and Management”, Organized by Sinhgad Institute of Computer Sciences, Pandharpur, Dist. Solapur, 6-7 March 2014. (N)
29	Presented a paper on, “Fuzzy Solar Tracker to Increase the Energy Efficiency of Solar Panel”, International Conference on “Innovations in Energy, Polymer and Environmental Sciences”, organized by Yashwantrao Chavan institute of Science, Satara and Shivaji University, Kolhapur, 11-12 January 2014. (I)
30	Presented a paper on, “Ad-hoc Network MAC Layer Protocols Performance Study”, at “National Conference on Recent Advances in Computer Science and Electronics”, Organized by Dept. Of Computer Science and Electronics, Vidnyan Mahavidyalaya, Sangola, Jan. 3-4, 2014. (N)
31	Presented a paper on, “ WCF REST Services using jQuery AJAX”, at “International Conference on Advanced Information Communication Technology in Engineering”, Organized by Dept. of Computer Engineering and Information Technology, Technical Institute of Textile And Sciences, Bhiwani, Harayana, AICTE, CSI Student Branch, Nov.22-23, 2013.(I)
32	Paper Presented, Title- “ Modern Science”, in One Day State Level Workshop on “Science and Technology for Sustainable Development, Modern Science and Science for Society”, Organized by Rayat Vidnyan Parishad , Rayat Shikshan Sanstha, Satara, 7 Aug. 2013, at D. G. College of Commerce, Satara.(N)
33	Paper presented “Science for Energy”, in One Day State Level Workshop on “Science for Society”, Organized by Rayat Vidnyan Parishad , Rayat Shikshan Sanstha, Satara, 7 Sept. 2013, at D. G. College of Commerce, Satara. (N)

34	Paper Presented on “Energy Efficient Campus- A case Study Campus of Y.C. I. S. Satara”, in One Day International Conference on “ Energy Efficient Campus and Exchange of Research on Energy and Environment-2013” , Organized by Princeton University, New Jercy, USA; TERRE Policy Centre, Pune, India; Rayat Vidnyan Parishad , Rayat Shikshan Sanstha, Satara and Y. C. Institute of Science, Satara, 30 May 2013, at- Y.C. Institute of Science, Satara.(N)
35	Paper Presented, Title- “ Electronics Circuits and Patent”, in One Day State Level Seminar on “Patent Process”, Organized by Rayat Vidnyan Parishad , Rayat Shikshan Sanstha, Satara and Y. C. Institute of Science, Satara, 20 April 2013, at- Y.C. Institute of Science, Satara. (N)
36	“Role of ICT in Constructivism” in National Level Science Conference on “Let’s Understand and Use Constructivist Approach”, Organized by Homi Bhaba Center for Science Education, Tata Institute of Fundamental Research (TIFR), Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at Y. C. Institute of Science, Satara, 2-4 March2013.(N)
37	“Importance of Specifications in Designing Protocols”, National Conference on Computer, Communication and Information Technology, 15-16 March, 2013, Sinhgad Institute of Computer Sciences, Korti, Pandharpur, India.(N)
38	“NS-2 –APPROACH FOR PROTOCOL DESIGN”, UGC Sponsored State Level Seminar on Recent Development in Embed Technology, K. B. Patil Mahavidyalaya, Pandharpur, 21-22 Dec. 2012.(N)
39	“ Comparative Performance Analysis of Fuzzy and Crisp Algorithm, Case Study- Treatment of UTI in Women ”,A National Conference on Emerging Technologies for sustainable Development (NECT-2012), Department of Technology, Shivaji University Kolhapur, Dec. 27-28, 2012.(N)
40	“ Modeling of Hydraulic Turbine and Governor for Dynamic Studies of Hydropower Plant ”,International Conference in Recent Trends in Information Technology and Computer Science (ICRTITCS - 2012), International Conference, Thakur College, Kandivali, Mumbai, 17-18 Dec. 2012. (I)
41	“ Various Network Security Wheels and its Monitoring ”,International Conference on Recent Trends in Information Technology and Computer Science, Thakur College of Science and Commerce, Mumbai, 17-18 Dec. 2012. (I)
42	“ Fuzzy Approach for Formal Protocol Design Methodology ”,International Conference on Recent Trends in Information Technology and Computer Science, Thakur College of Science and Commerce, Mumbai, 17-18 Dec. 2012. (I)
43	“ Diagnosis ok kidney Diseases and Application of Fuzzy Logic ” National Seminar on “Future Trends of Information and Communication Technologies (ICT-2012)”, Sinhgad Institute of Management, Pune, 15-17 March 2012. (N)

44	“Vagueness in Network Security Parameters” National Seminar on “Future Trends of Information and Communication Technologies (ICT-2012)”, Sinhgad Institute of Management, Pune, 15-17 March 2012. (N)
45	“Performance Measure of Result Tool in Local Area Network” , National Seminar on “Future Trends of Information and Communication Technologies (ICT-2012)”, Sinhgad Institute of Management, Pune, 15-17 March 2012. (N)
46	“Performance of Result Tool in Wired Local Area Network” , National Conference on “Adaptable Learning and Innovation for Visionary Execution” , Karmaveer Bhaurao Patil Institute of Management Studies and Research, Satara, 4-5 may 2012. (N)
47	“Designing Application Framework Using WSDL” , International Conference and Workshop on “Emerging Trends in Information Technology” , ICWET 2012, 24-25 Feb 2012, Thakur College of Engineering and Technology, Mumbai. (I)
48	“Fuzzy Logic Based Dehydration Treatment for Golden Raisin Production” , National Conference on, “Computer, Communication and Information Technology” , Sinhgad Institute of Computer Sciences, Pandharpur, Dist. Solapur, 18-19 Feb 2012. (N)
49	“Design and Development of Fuzzy Inference System for Cold Water Treatment of Golden Raisin” , National Conference on “ Algorithms and Intelligent Systems(NCAIS 2012)” , Organized by Computer Society of India, Shivaji University, Kolhapur and Rajarambapu Institute of Technology Rajaramnagar, Sakharale, Sangli, 3-4 Feb. 2012. (N)
50	“Fuzzy Algorithm for Caustic Soda Treatment in Golden Raisin Production” , Two Day National Seminar On “Problems and Prospects in Agriculture Development In India” , Under UGC, New Delhi, Rajarshi Chhatrapati Shahu College Kolhapur and Arts Commerce and Science College, Hupari, Kolhapur, 14-15 Dec. 2011. (N)
51	“Fuzzy System Design for Golden Raisin Production” , UGC National Seminar on Advances in VLSI Design and Technology (NSAVDT-2011), Shankarrao Mohite Mahavidyalaya, Akluj, Dist-Solapur, 19-20 Dec. 2012. (N)
52	“Parser for Efficiently Processing of XML Document” , International Conference on “Advanced Computing and Communication Technology” , R. G. Education Society, Rohtak, Contributed for paper, 20-22 Jan. 2011.(I)
53	“Need of Digital Media in Teaching Process” , Seven Days Workshop on “Science Communication Through Digital Media” , Organized by National Council For Science & Technology Communication, The Department of Science & Technology, Govt. of India, New Delhi and Vidyadeep Foundation, Satara, 23

	– 29 August 2009. (N)
54	“Data Communication Networks: A Case Study-PHC to DHO” , National Seminar on “Current trends in Information Technology” , B. N. Sarda Science College, Sangamner, Ahamednagar, 9-11 Feb. 2008. (N)
55	“Design of Computer Based Networks for Geographically Distributed Centers: A Case Study- Communication Between Primary Health Centers” , National Seminar of “Recent Advances in Sensors and Instrumentation” , (PE-6), Shankarrao Mohite Mahavidyalaya, Akluj, Solapur, 15-16 Oct. 2007.(N)
56	“Fuzzy Thinking for Hydroelectric Design Layouts” , B.T. Jadhav and etl. National Seminar of “Recent Advances in Sensors and Instrumentation” , (PE-7),Shankarrao Mohite Mahavidyalaya, Akluj, Solapur, 15-16 Oct. 2007. (N)
57	“Need of Simulations for Client Server Web Based Systems” , National Seminar of “Recent Advances in Sensors and Instrumentation” , (PG-3), Shankarrao Mohite Mahavidyalaya, Akluj, Solapur, 15-16 Oct. 2007. (N)
58	“Fuzzy Logic System to Fiberizer Setting For Priperatory Index in Cane Sugar Industry” , National Seminar of “Recent Advances in Sensors and Instrumentation” ,(PI-12),Shankarrao Mohite Mahavidyalaya, Akluj, Solapur, 15-16 Oct. 2007. (N)
59	“Fuzzy Logic for Boiler operation in cane sugar industry” ,National Symposium on Recent Advances in Renewable Energy Technology , RARE-T-2002 , Organized by Department of Physics, Shivaji University Kolhapur and Pune University, Pune, School of Energy Studies, Kolhapur, 13-15 August 2002.(N)
60	“Fuzzy Logic for Mill Setting” ,Campaign on University Research and Training- Court 2003 , Shivaji University, Kolhapur, 26-27 June 2003. (N)
61	“Fuzzy Logic pH control in Sugar Industry” ,Campaign on University Research and Training- Court 2002 , Shivaji University, Kolhapur, 10-11March 2002. (N)
62	“Fuzzy support for Boiler Water Softening” ,National Seminar on Electro and Magneto ceramics Devices and Systems, Sensors and Devices, 2002 , Shankarrao Mohite Mahavidyalaya, Akluj, Solapur, 21-22 Oct. 2002. (N)

F) Citation Index

	Google Scholar	Scopus	Web of Science
Citations	572	-	-
h-index	10	-	-
i10-index	11	-	-
Publication	215		

❖ **Participation in Orientation/Refresher/FDP/Short Term/Training Programs:**

Sr. No.	Participation in Orientation/Refresher/FDP/Short Term/Training Programs
I	Worked as a member of advisory committee- UGC Sponsored Counseling Center for Entry in Service Scheme for SC/ST Students, YCIS, Satara, 1-4-2005 to 31-3-2010
II	Member of Organizing Committee for Seminar/ Workshop/ Symposium/ State Level, University Level Quiz-21.
III	Participated in the Syllabus framing University Workshop - 08.
IV	Participated Syllabus framing of Short Term Courses- Programming in C, Programming in C and C++, Embedded C, Basic Networking, Web Designing.
IV	Non Governmental Organizations Examination Work Done- Worked as a Divisional Conductor of MTS Examination for Konkan Region-Four Turns (Chiplun Division)-April2008, April 2009, April 2010, April 2011, and for Satara region April 2012, 2013.
VI	Working for Rayat Shikshan Sanstha, Satara- Worked as a Member of Working Council (Karyakarani) of Karmaveer Vidyaprabodhini,Rayat Shikshan Sanstha, Satara from 2006 and Actively Participated in Various Activities of Rayat Shikshan Sanstha.
VII	Member of Organizing Committee for Seminar/ Workshop/ Symposium/ State Level, University Level Quiz-21.

VIII**Articles Written in News Paper/Magazines - 07,**

- 1) Digital Media for Science Communication, 16/9/2008, Daily Pudhari, Bahar Suppliment, Section on Education.
- 2)Need to how to search Innovative and Digital Media for Communications: Proceedings, Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, ISSN: 0975: 1165, March 2012,pp. 55-59.
- 3)Future Research, Research carried out in colleges and role of Professor and Teacher in research, Proceedings, Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, ISSN: 0975: 1165, March 2012,pp. 39-46.
- 4)Changes in the Educational Methodologies of Philippines: Advantages to India: Rayat Vidnyan Patrica, Rayat Shikhan Sanstha, Satara, 28 Feb 2014, Volume 2, pp. 11-14.
- 5) Accuracy in Scientific methods:Rayat Vidnyan Patrica, Rayat Shikhan Sanstha, Satara, 28 Feb 2014, Volume 2, pp. 13-24.
- 6) Educational Methods and Research: New Concepts: Rayat Vidnyan Patrica, Rayat Shikhan Sanstha, Satara, 22 Sept 2014, Volume 3, pp. 22-23.
- 7)Inquiry Based Learning: Rayat Vidnyan Patrica, Rayat Shikhan Sanstha, Satara, 28 Feb 2015, Volume 4.
- 8) 22 September 2015, Article in Rayat Vidnyan Patrika
- 9) 28 Feb 2016, Article in Rayat Vidnyan Patrika
- 10) 22 September 2016, Article in Rayat Vidnyan Patrika
- 11) 28 Feb 2017, Article in Rayat Vidnyan Patrika
- 12) 22 September 2017 , Article in Rayat Vidnyan Patrika
- 13) 28 Feb 2018, Article in Rayat Vidnyan Patrika
- 14) 22 September 2018, Article in Rayat Vidnyan Patrika
- 15) 28 Feb 2019, Article in Rayat Vidnyan Patrika
- 16) 22 September 2019, Article in Rayat Vidnyan Patrika

	<p>17) 28 Feb 2020, Article in Rayat Vidnyan Patrika</p> <p>18) 22 September 2020, Article in Rayat Vidnyan Patrika</p> <p>19) 28 Feb 2021, Article in Rayat Vidnyan Patrika</p> <p>20) 22 September 2021, Article in Rayat Vidnyan Patrika</p> <p>21) 28 Feb 2022, Article in Rayat Vidnyan Patrika</p> <p>22) 22 September 2022, Article in Rayat Vidnyan Patrika</p> <p>23) 28 Feb 2023, Article in Rayat Vidnyan Patrika</p> <p>24) 4 Oct 2023, Article in Rayat Vidnyan Patrika</p> <p>25) Science Communication through Digital Media, Daily Pudhari, Sunday, 16 Sept 2008, Carrier Section.</p>
IX	<p>Articles read for T.V. and Radio-Interview-</p> <ol style="list-style-type: none"> 1. Interview given regarding Career Guidance and New innovations for Career Guidance and Techniques for Competitive Examination, PUNE F.M. Community Vahini- 90.4 MHz. 2. Various Interviews are taken on different topics- Vice Chancellor KBP University , Registrar KBP University, Dr. Anil Patil, Chairman Rayat Shikshan Sanstha, Satara, etc.
X	<p>Worked as a Referee for M. Phil. and Ph. D thesis evaluation work-</p> <p>Working as a Referee for M.Phil. and Ph.D. degree, for Shivaji University, Kolhapur, Pune University Pune , North Maharashtra University Jalgaon, MATS university Raipur(C.G.) , YCMOU, Nasik, etc.</p>
XI	<p>Worked as a Referee for Research Journal - Worked as a Referee for IJCA USA.</p>
XII	<p>Work done for Non Government Organization- Various Workshops and Functions, Guests for Function.</p>
XIII	<p>Work done for Government Organization - Various Workshops and Functions, Examination work, Expert, Guest.</p>

<p>XIV</p>	<p>University Research Committee (KBP University, Satara)</p> <p>a) Department of Electronics, DRC Chairman 2023-24 to 2025-26</p> <p>b) Department of Computer Science, DRC Chairman 2023-24 to 2025-26</p> <p>c) Department of Electronic, ARC Chairman 2023-24 to 2025-26</p> <p>d) Department of Computer Science, ARC Chairman 2023-24 to 2025-26</p> <p>University Research Committee (Shivaji University, Kolhapur)</p> <p>a) Worked as a Member of DRC Committee, Department of Electronics, Shivaji University Kolhapur.</p> <p>b) Worked as a Member of DRC Committee, Department of Computer Science, Shivaji University Kolhapur.</p>
<p>XV</p>	<p>KBP University, Satara working committees</p> <p>A) Chairman - CAS (Career Advance Scheme)</p> <p>B) Chairman- BoS - Computer Science and technology</p> <p>C) Ph.D. research guide for Electronics and Computer Science</p> <p>D) P.G. Recognized teacher for Electronics and Computer Science</p> <p>E) Academic Council Member</p> <p>F) Board of Governance Member</p> <p>G) Chairman – Changes in Staff Committee</p> <p>H) Chairman - Academic Council</p>
<p>XVI</p>	<p>Rayat Shikshan Sanstha</p> <p>A) Life Member Rayat Shikshan Sanstha form 2018</p> <p>B) Worked as a managing Council member 2020-21 to 2023 (09may 2020 to 08May 2023)</p> <p>C) Worked as a Executive Council member 2020-21 to 2023 (09may 2020 to 08May 2023)</p>

❖ **Resource person in Conference/Seminar/Workshop/Any other programs:**

Sr. No.	Worked as a Resource Person in Various Conferences/Workshops/ Seminars/ Activities
1	Worked as a resource person in One Day Faculty Training Program on Skill Development Program , Organized by Dept. of Diploma and Skill Development , YCIS Satara, 9 feb 2022.
2	Worked as a Resource Person in One Day National Webinar on “ Importance of ISO”, Dahiwadi College Dahiwadi, Satara, 15/5/2020.
3	Worked as a resource person in Educational Conference Organized by Rayat Shikshan Sanstha at D G College of Commerce Satara 6 th May to 8 th may 2023 Topic title: Next Generation Courses
4	Worked as a resource person in Educational Conference Organized by Rayat Shikshan Sanstha at YCIS , Satara Topic title: Cluster School and Colleges
5	Worked as a Resource person in a State Level Workshop on “ Intellectual Property Rights” , P.G. Department of Chemistry , Dahiwadi College, Dahiwadi, 31 Dec 2019.
6	Worked as a Resource person in Two Days International Conference on Advances in Chemical Science, S.M. Joshi College Hadapsar , Pune, Dahiwadi College Dahiwadi; 18-19 Dec 2018.
7	Worked as a Resource person in Two Days National Workshop on E- Content Development , Arts, Science and Commerce College, Ramanandnagar, Sangali; 9-10 Jan 2019.
8	Worked as a Resource person in One Day Workshop on “A Qualitative Research Approach” , Organized by IQAC and QIP , YCIS Satara, 22 May 2021., UGC Paramarsh Scheme, Topic: Initial Stages of research
9	Worked as a Resource person in One Day Workshop on “ Strengthening Extension Activities and Training”, Organized by IQAC and QIP , YCIS Satara, 07 May 2021., UGC Paramarsh Scheme, Topic: New Age Extension Activities
10	Worked as a Resource person in FDP Program on Induction of New Entrants “ Organized by S. M. Joshi College Hadapsar, Pune, 7 October 2021. Topic: New Age Teacher.
11	Worked as a Resource person in NAAC PEER TEAM, Balwant College, Vita, Sangli, 28/ 2/2017.
12	Worked as a Resource person in two days workshop on Project Development, 4-5 Aug 2016, Y C institute of Science, Satara.
13	Worked as a Resource person in two days hands on workshop on Android Apps Development, 19-20 Sept 2016, Y C institute of Science, Satara.
14	Worked as a Resource person in two days hands on workshop on PCB Design and Etching at Y C institute of Science, Satara, 13-14 July 2016.

15	Worked as a Resource person in two days hands on workshop on Open Source OS and Linux –UBUNTU, Y C institute of Science, Satara, 5-6 July 2016.
16	Worked as a Resource person in Rayat Vidnyan Parishad, Organized by Rayat Shikshan Sanstha, Satara and Homi Bhabha Centre for Science Education, TIFR, Mumbai, 23-25 Jan 2016. Topic: Inquiry Based Learning and Innovations.
17	Worked as a Resource person in “One Day Workshop on Research Methodology” organized by Research Advisory committee, Yashwantrao Chavan Institute of Science, Satara, 18 Jan 2016. Topic: Innovative Research and Basic Methodology.
18	Worked as a Resource person in SUSTA’sstudents workshop organized by Department of Statistics, Shivaji University, Kolhapur, 10 Jan 2016, at S G M College, Karad, Satara. Topic: Software Development skills and positions in different Government services through compt. exam of Mathematical and Computational Sciences.
19	Worked as a Resource Person in “Workshop on Advanced Embedded System Design”, Organized by Y.C. Institute of Science, Satara, 28 July – 31 July 2015.
20	Worked as a Resource Person in “One Day Workshop on Revised Syllabus of Competitive Examinations”, 6 Oct 2015, organized by Karmaveer Vidyaprabodhini, Rayat Shikshan Sanstha, Satara and Yashwantrao Chavan Institute of Science, Satara at Y.C. Institute of Science, Satara.
21	Worked as a Resource Person in “Establishment of Competitive Examination Guidance Centre”, 30 July 2015, organized by Rayat Shikshan Sanstha, Satara, at D .G. College, Satara.
22	Worked as a Resource Person “ Workshop on New teaching trends in Science and Technology and Teacher Training ”, 24 Feb 2015, Topic: Inquiry Based Learning.
23	Worked as a Resource Person in “Workshop on Inquiry Based Learning for Science Teachers and Lesson Presentation”, organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha Satara, Northern Region, A. Nagar, 20 Jan. 2015.
24	Worked as a Resource Person in “Workshop on Inquiry Based Learning for Science Teachers”, organized by Rajarshi Chh. Shahu College, Kolhapur and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, 17 Jan 2015.
25	Worked as a Resource Person in “Workshop on Constructivism for Science Teachers”, organized by Rajarshi Chh. Shahu College, Kolhapur and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, 17 Jan 2015.
26	Worked as a resource person and member of Selection Committee for Projects in a workshop on “Project Based and Inquiry Based learning”, Organized by Rayat Vidnyan Parishad, Raigad Region, Mahatma Phule College, Pannel, Raigad, 2/2/2015.

27	Worked as a resource person in Workshop on “Inquiry Based Learning” Organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara; Homi Bhabha Center for Science Education, TIFR, Mumbai and S. M. Joshi College, Hadapsar, Pune, On 06 Jan. 2015.
28	Worked as a resource person in Workshop on “Activity Based Learning” at Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai, Organized by Rayat Vidnyan Parishad, Raigad Region, Kamothe, Panvel, On 22 Dec. 2014.
29	Worked as a resource person in Workshop on “Inquiry Based Learning” Organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara; Homi Bhabha Center for Science Education, TIFR, Mumbai and S. M. Joshi College, Hadapsar, Pune, On 19 Dec. 2014.
30	Worked as a resource person in workshop on “Inquiry Based Learning”, Organized by Rayat Vidnyan Parishad, Southern Region, Sangli and Rajashri Chh. Shahu College, Kolhapur, 17 Dec. 2014.
31	Worked as a resource person in Workshop on “Inquiry Based Learning” and “Project Based Learning” Organized by Rayat Shikshan Sanstha, Northern Region, Ahmadnagar, On 13 Dec. 2014.
32	Worked as a resource person in Workshop on “Project Based Learning” Organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara; Shri. Chh. Shivaji Jr. College and A.S. C. College Panvel, Dist. Raigad On 12 Dec. 2014.
33	Worked as a resource person in Workshop on “Inquiry Based Learning” Organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Central Region, Satara, On 29 Nov. 2014.
34	Worked as a resource person in Workshop on “Project Based Learning” Organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara; Homi Bhabha Center for Science Education, TIFR, Mumbai and Pimpari College, Pimpari, Pune, On 27 Nov. 2014.
35	Worked as a resource person in Workshop on “Project Based Learning” Organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, and Karmaveer Bhaurao Patil College, Pandharpur, Dist. Solapur, On 26 Nov. 2014.
36	Worked as a resource person in Workshop on “Activity Based Learning” Organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, and Dahiwadi College Dahiwadi, Dist Satara, On 13 Nov. 2014.
37	Worked as a resource person in “ Workshop on Project Based Learning”, Organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, Southern Region Sangli and Karmaveer Bhaurao Patil Mahavidyalaya Nerle, 11 November 2014.
38	Worked as a resource person in Workshop on “Ideas for the Development of Scientific Instruments” Organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, Western Region, Pune and Homi Bhabha Centre for Science Education, Mumbai, 7 October 2014.

39	Worked as a resource person in Workshop on“ Designing Scientific Equipments”, Organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, Central Region Satara, 26 September 2014.
40	Worked as a resource person in Workshop on“ Topic Selection for Research Paper and Poster Presentation”, Organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, Southern Region Sangli and Rajarshi Chhatrapati Shahu College, Kolhapur, 18 September 2014.
41	Worked as a resource person in “ Workshop on Science Topic Selection for Research”, Organized by Homi Bhabha Centre for Science Education, Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at Sadhana Vidhyalaya, Hadapsar, Pune, 15 September 2014.
42	Worked as a resource person in the Workshop on “Preparation for Banking Service Examination- IBPS” organized by S. M. Joshi College, Hadapsar , Pune, on 13/8/2014.
43	Worked as a resource person in “Two Days Educational Conference on UGC Schemes, NAAC Third Cycle, Autonomous College, Research and Development”, Organized by Karmaveer Vidya Prabhodhani , Rayat Shikshan Sanstha, Satara, 7-8 May 2014 at D G College of Commerce, Satara.
44	Worked as a resource person on, “Innovative Ideas for Poster Presentation and Research paper Writing” at Divisional Level Workshop for Science Teacher on “Innovative Ideas for Poster Presentation and Research Paper Writing”, organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, 18 Jan. 2014.
45	Worked as a resource person on, “Activity based Learning Programme” at “One Day State Level Workshop for Science Teachers on Activity Based Learning Programme”, Organized by Homi Bhabha Center for Science Education, Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at Sadhana Vidyalaya, Hadapsar, Pune, on 11 Jan. 2014.
46	Worked as a resource person on “ Foreign Study Tour and Experiences”, Organized by Savitribai Phule Mahila Mahavidyalaya, Satara, Under lead College Activity, Shivaji University, Kolhapur, 22 Feb.2014.
47	Worked as a resource person on “ Workshop for Administrative Staff”, Organized by Rayat Shikshan Sanstha, Satara, 29 Jan.- 1 Feb. 2014.
48	Worked as a resource person on “One Day Workshop on Development of Writing Skills”, Organized by Rayat Vidnyan Patrika, Rayat Shikshan Sanstha, Satara and Dhananjayrao Gadgil College of Commerce, Satara, Feb. 7, 2014.
49	Worked as a resource person for one day workshop on Activity Based Learning (WABL-2014), Organized by United Nations Educational, Scientific and Cultural Organization , Honkong Division; Vidyadeep Foundation, Satara and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, 25 th January 2014.
50	Worked as a resource person in “Science Exhibition Skills and Prospects”, Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur, 27/11/2013.

51	Worked as a resource person at “One day State Level Workshop on “Research Project and Poster Presentation for Science Teachers”, Organized by Rajarshi Chhatrapati Shahu College, Kolhapur and Rayat Vidnyan Parishad (Southern Region), Rayat Shikshan Sanstha, Satara , 10 September 2013.
52	Worked as a resource person at “ One day State Level Workshop on “Ideas for the Development of Scientific Toys for Science Teachers”, Organized by Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College, Manchar, Pune; Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara , and Homi Bhabha Center for Science Education, Mumbai, Govt. of India, 15 October 2013.
53	Worked as a resource person at “ One day State Level Workshop on “Topics Selection for Research papers and Poster Presentation”, Organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara , and Homi Bhabha Center for Science Education, Mumbai, Govt. of India, Sadhana Vidyalaya Hadsapsar, Pune, 7 October 2013.
54	Worked as a resource person at “One Day State Level Workshop for Science Teacher on Science for Society”, organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, Topic: Need of Modern Technology for Society , at D G College of Commerce, Satara, 7 Sept. 2013.
55	Worked as a resource person at “One Day Workshop for Science Teacher on Research paper and Poster Presentation”, organized by Central Regional, Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, Topic: Research paper Writing and Presentation , at Yashwantrao Chavan Institute of Science, Satara, 6 Sept. 2013.
56	Worked as a resource person at “One Day Workshop for Science Teacher on Energy and Constructivism ”, organized by Raigad Region- Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, Topic: Research Areas in Energy Field , at Karmaveer Bhaurao Patil College Vashi, Navi Mumbai, 4 Sept. 2013.
57	Worked as a resource person at “One Day District Level Guidance Program form Science Teacher”, organized by Education Department , Z. P. Satara; Satara District Science Teacher Association and Extension Service Center, Azad College of Education, Satara, on 29 Aug. 2013, Topic: Use of ICT in Teaching.
58	Worked as a resource person on the Topic : Science for Society , at One Day State Level Workshop on “Science and Technology for Sustainable Development, Modern Science and Science for Society”, 7 Aug 2013, Organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at D. G. Colleg of Commerce, Satara.

59	Worked as a Resource Person for One Day International Conference on ENERGY EFFICIENT CAMPUS AND EXCHANGE OF RESEARCH ON ENERGY AND ENVIRONMENT -2013”, Organized by Princeton University, New Jercey, USA; Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, and Y. C. Institute of Science, Satara, at Y. C. Institute of Science, Satara, 30 May 2013. Topic: “Energy Efficient Campus”.
60	Worked as a resource person at One Day State Level Seminar on “Patent Process”, Topic- “Research, Development and Patent” , Organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara and Y. C. Institute of Science, Satara, 20 April 2013.
61	Worked as visiting faculty cum resource person for foundation course of MPSC conducted by Chh. Shivaji College, Satara, 3 April 2012 to 31 JAN 2013.
62	Worked as a Recourse Person at Rajendra Mahavidyalaya, Khandala, Satara, Topic- “Currier Guidance and Personality Development”, Program organized for Arts, Science, BCA and Commerce Students, 7 March 2013.
63	Worked as a Resource Person in National Level Science Conference on “Let’s Understand and Use Constructivist Approach”, Topic- “Digital Media for Constructivism”, Organized by Homi Bhaba Center for Science Education, Tata Institute of Fundamental Research (TIFR), Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at Y. C. Institute of Science, Satara, 2-4 March2013.
64	Worked as a Resource Person in the Regional Workshop for College Science Teachers, “The Prospects of Research, The Research in Colleges in Colleges and the Participation of College Teachers in Research”, Organized by Radhabai Kale Mahila Mahavidyalaya Ahmadnagar and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at Radhabai Kale Mahila Mahavidyalaya Ahmadnagar, 15 Feb . 2013.
65	Worked as a Resource Person in State Level Workshop for Science Teachers, Topic- Science Toys Concept and Today’s Need , Organized by Homi Bhaba Center for Science Education, Tata Institute of Fundamental Research (TIFR), Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at Central Region of Rayat Shikshan Sanstha, Satara, 20 Jan. 2013.
66	Worked as a Resource Person in State Level Workshop for Science Teachers, Topic- Research Paper Reading and Poster Presentation , Organized by Homi Bhaba Center for Science Education, Tata Institute of Fundamental Research (TIFR), Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, Western Regional office of Rayat Shikshan Sanstha, Pune, Sadhana Vidyalaya, Pune, 18 Jan. 2013.

67	Worked as a Resource Person in State Level Workshop for Science Teachers, Topic- Innovative Ideas for Designing of Scientific Projects , Organized by Homi Bhaba Center for Science Education, Tata Institute of Fundamental Research (TIFR), Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at Y. C. Institute of Science , Satara, 8 Jan. 2013.
68	Worked as a resource person in “ Inspire Internship Program 2012-2013, Innovations in Science Pursuit for Inspired Research (INSPIRE) ”, Sponsored by Department of Science and Technology, New Delhi and Organized by Yashvantrao Chavan Institute of Science, Satara, 1-5 January 2014.
69	Worked as a Resource Person in State Level Workshop for Science Teachers, Topic- Science Toys , Organized by Homi Bhaba Center for Science Education, Tata Institute of Fundamental Research (TIFR), Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at Central Region of Rayat Shikshan Sanstha, Satara, 4 Jan. 2013.
70	Worked as a Resource Person in State Level Workshop for Science Teachers, Topic- Innovative Ideas for Development of Instruments and Research Paper Writing , Organized by Homi Bhaba Center for Science Education, Tata Institute of Fundamental Research (TIFR), Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, Central Regional office of Rayat Shikshan Sanstha, Satara, 6 Dec. 2012.
71	Worked as a Resource Person in International Conference on Recent Trends in Information Technology and Computer Science, ICRTITCS-2012, Topic- “Design of Networking Protocols”, 18 Dec. 2012, Thakur College of Science and Commerce, Kandivali, Mumbai.
72	Worked as a Resource Person “ Vidnyan Manch Shibir”, Topic- Satellite Communication and Future Pollution Problem due to Satellite, 8/12/2012, Organized by Maharashtra State Science Education Institute and Y.C. institute of Science, Satara,
73	Worked as a Resource Person in the Subject “Personality Development, Communication Skill and ICT ”, Teacher Training Programming, Kumbhoj, Sangli, Rayat Shikshan Sanstha, Satara, 8 Nov. 2012.
74	Worked as a Resource Person in State Level Workshop for Science Teachers, Topic- Research Paper Writing , Organized by Homi Bhaba Center for Science Education, Tata Institute of Fundamental Research (TIFR), Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at Y. C. Institute of Science, Satara, 29-30 Nov. 2012.
75	Worked as a Resource Person in State Level Workshop for Science Teachers, Topic- Innovative Ideas for Designing of Science Projects , Organized by Homi Bhaba Center for Science Education, Tata Institute of Fundamental Research (TIFR), Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at Y. C. Institute of Science, Satara, 13-14 Nov.2012.

76	Worked as a Resource Person in the State Level Workshop for Science Teachers, Topic- “Motivation and Select of the Research Topic” , Organized by Homi Bhabha Center for Science Education, Tata Institute of Fundamental Research (TIFR), Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at D. G. College of Commerce, Satara, 16 Oct. 2012.
77	Worked as a Resource Person in the Subject “Career Opportunities After Science Graduation”, Five Days Workshop on Career opportunities, Higher Education Structure And Research Attitude”, 11- 15 Sept 2012, Career Guidance Centre, Y. C. Institute of Science, Satara.
78	Worked as a Resource Person in the Subject, “Role of Digital Media in Teaching Methodology”, at One Day Program for College Teacher on Use of ICT, Organized by Balwant College Vita, Dist. Sangli, Under <i>Staff Academy</i> , 26/9/2012.
79	Worked as a Resource Person in the Subject, “Career Opportunity”, at Four Days Orientation Cum Workshop on Career Opportunities, “ Higher Education Structure and Research Attitude for Science Graduate ”, 12-15 Sept 2012, Organized by Career Guidance Centre, Yashvantrao Chavan Institute of Science, Satara.
80	Worked as a Resource Person in the Subject, “Career Guidance and Soft Skills”, at One Day Seminar on Career Guidance and Soft Skills, Organized by Balwant College Vita, Dist. Sangli, Under <i>UGC Career and Counseling Scheme</i> , 26/9/2012.
81	Worked as a Resource Person in the Subject “Science Attitude”, At Inspire Award Exhibition and Teacher Guidance Program, Organized by Govt. of India, Information and Tech. Ministry, School Ede. And Sports Dept, Govt. of Maharashtra, SCERT, PUNE, Maharashtra, State Science Education Institute, Nagpur, Ede. Dept. ZP Satara, on 28 August 2012.
82	Worked as a Resource Person in the Subject, “Use of Digital Media In Teaching Methods”, at One Day Program for College Teacher on Use of ICT, Organized by Y.C. Institute of Science, Satara, Under <i>Staff Academy</i> , 7/8/2012.
83	Worked as a Resource Person in the Subject, “General Science”, at “Residential Special Training Program for Girls regarding Competitive Examination Guidance-2012”; S.M. Joshi College, Hadapsar, Pune, 22/5/2012.
84	Worked as a Resource Person in the Subject “ Information and Communication Technology ”, Paper I, NET/SET , “EightDaysState LevelWorkshop on JRF/SRF/CSIR/NET/SET Guidance” Organized by Yashvantrao Chavan Institute of Science, Satara, 14-21 May 2012.
85	Worked as a Resource Person in the Subject “General Science Subject”, for RTS Project 2011-2012, Chh. Shivaji College, Satara, Certificate issued on 4/4/2012.
86	Worked as a Chief Guest at Farewell Function of BCA and PGDCA Students and Guided on “ Carrier Guidance ” at KBPIMSR Satara on April 3, 2012.

87	Worked as a Resource Person in the Subject “ Research Work and Project Work ”, atThakur College of Science and Commerce, Kandivali, Mumbai, 24 Feb. 2012.
88	Worked as a resource person in “Workshop on Research Methodology”, Organized by Dept of Geography, Chh. Shivaji College, Satara, 22 Feb. 2012.
89	Worked as a Resource Person in the Subject “ Use of Modern Technology in Education ”, Workshop Arranged on ICT for Teaching Faculty of Senior College,atYashvantrao Chavan Mahavidyalaya Patchwad, Tal- Wai, Satara, 24/1/2012.
90	Worked as a Resource Person in the Subject “ Use of Modern Digital Technology in Teaching Methodology ”, at the Tanning Program for Junior College, Teacher, Chh. Shivaji College, Satara, 18/1/2012.
91	Worked as Resource Person on “Science Subject- Preparation” for MPSC Target Batch Program, at Dada Patil College, Karajat, Dist. Ahmadnagar, on 30/12/2012.
92	Worked as Resource Person for the workshop arranged on Research Methodology for Arts faculty, Maharshi Karve Stree Shikshan Sanstha’s, College of Computer Application for Women, B.C.A, B.A., B.Com. faculty, Satara, 12/7/2011.
93	Worked as a Resource Person in the Subject “ Use of ICT ”, at the Tanning Program for Junior College, Teacher, Y.C. Institute of Science, Satara,23/12/2011.
94	Worked as a Guest Lecturer in the Staff Academy of Jr. College and Guided on Subject “ Use of ICT in Teaching Methodology ”, at Y.C. Institute of Science, Satara,23/12/2012.
95	Worked as a Resource Person in “ Science Subject ”, at Competitive Examination Training Program at Central Competitive Examination Training Center for Women , S. M. Joshi College, Hadpsar, Pune, 31/5/2011.
96	Worked as a Resource Person in the Subject “ Science SubjectforDisha Guidance Project ”, at Chh. Shivaji College, Satara, 17/4/2011.
97	Worked as a Resource Person in the Subject “ Competitive Examination Guidance ”, at Competitive Examination Guidance Workshop for the Students at Arts, Commerce and Science Coolege Lanja, Ratnagiri , 12/1/2011.
98	Worked as a Resource Person in the Subject “ Use of ICT in Teaching Methodology ”,Training Program Arranged for Teaching Faculty of Senior College,at Arts, Commerce and Science College Lanja, Ratnagiri , , 12/1/2011.
99	Worked as a Resource Person in the Subject “ How to Write a Research Paper ”,Training Program Arranged for Teaching Faculty of Senior College,at Arts, Commerce and Science College Lanja, Ratnagiri , , 12/1/2011.
100	Worked as a Resource Person in “ Science Subject ”, at Competitive Examination Training Program at Central Competitive Examination Training Center for Women , S. M. Joshi College, Hadpsar, Pune, 18-4-2010.

101	Worked as Resource Person for BCA and PGDCA , Karmaveer Bhaurao Patil Institute of Management Studies and Research, Satara, (Worked as a visiting faculty from June 2006-April 2009 in the same institute), 27-07-2009.
102	Worked as a “ Counselor in Science and Technology ”, Competitive Exam Guidance Centre, Chh. Shivaji College, Satara, (Working in the centre since June 1996),13 July 2009.
103	Worked as Resource Person in “Lead College Activity Workshop - Computer Literacy” , Shivaji University, Kolhapur, at Yashvantrao Mahavidyalaya, Pachwad, 5 Feb. 2009.
104	Worked as a Jury Member in “ Inter-Collegiate Paper Presentation Computation- Upbeat 2008 ”, Organized by Karmaveer Bhaurao Patil Institute of Management Studies and Research, Satara, 16 Oct. 2008.
105	Worked as Resource Person for “Counseling centre of UGC Sponcered, Entery in service Scheme for SC/ST students,2005-2008” , Y.C. Institute of Science, Satara, 31-03-2008.
106	Worked as a Resource Person in “ Vidnyan Manch Shibir ”, Organized by “ Maharashtra Rajya Vidnyan Shikshan Sanstha, Nagpur ” and Y.C. Institute of Science, Satara, 26-11 to 3-12-2007.
107	Worked as a Resource Person in “ Vidnyan Manch Yojana 1-11-2006 to 8-11-2006 ”, Maharashtra State Educational Research And Training Council, Pune, Govt. of Maharashtra and State Science Education Institute, Nagpur , 18-11-2006.
108	Worked as a Resource Person in “ Vidnyan Manch Shibir ”, Organized by “ Maharashtra Rajya Vidnyan Shikshan Sanstha, Nagpur ” and Y.C. Institute of Science, Satara, 1-11 to 8-11-2006.
109	Worked as a Jury Member in “ State Level Quiz Computation Feb. 2006 ”, Organized by Karmaveer Vidyaprabodhini and Y.C. Institute of Science, Satara, 23 Feb 2006.
110	Worked as a Resource Person in “ Vidnyan Manch Shibir ”, Organized by “ Maharashtra Rajya Vidnyan Shikshan Sanstha, Nagpur ” and Y.C. Institute of Science, Satara, 22-10 to 29-10-2005.
111	Worked as a Resource Person in the “ In-service Training Program of FTT/INSTRUCTORS of Bifocal and M.C.V.C. Courses Electronics Technology 1-12 to 30-12-2004 ”, Organized by Government of Maharashtra, Director, Vocational Education and Training, Mumbai, Government Technical School and J.C., Satara, 1-1-2005.
112	Worked as a Resource Person in the Film Direction “ Vidnyan Manch Shibir ”, Organized by “ Maharashtra Rajya Vidnyan Shikshan Sanstha, Nagpur ” and Y.C. Institute of Science, Satara, 1-11 to 8-11-2003.
113	Worked as a Resource Person and guest faculty for MBA course, Computer Application for Management, 2000-2001, D.G. College of Commerce, Satara.

❖ **Chaired Sessions in Conference/Seminar/Workshop etc.:**

a) National/ International Seminar and Conference

Sr. No.	Chaired Paper Presentation Sessions at National-International Conferences, Seminars
1	Worked as a Chair Person in Two Days International Conference on Advances in Chemical Science, S.M. Joshi College, Hadapsar, Pune and Dahiwadi College Dahiwadi; 18-19 Dec 2019.
2	Worked as a Chair Person for Oral Presentation Session in Science Conference on Energy, Water, Pollution, Agriculture and Science Education at Rayat Vidnyan parishad Organized by Rayat Shikshan Sanstha, Satara and Homo Bhabha Centre for Science Education, TIFR Mumbai on 23-25 Jan 2016, Sadhana Sankul, Hadapsar, Pune.
3	Worked as a Chair Person for Poster Presentation Session in Science Conference on Energy, Water, Pollution, Agriculture and Science Education at Rayat Vidnyan parishad Organized by Rayat Shikshan Sanstha, Satara and Homo Bhabha Centre for Science Education, TIFR Mumbai on 23-25 Jan 2016, Sadhana Sankul, Hadapsar, Pune.
4	Worked as a Chair Person for Three Day International Conference on “Innovations in Energy, Polymer and Environmental Sciences”, organized by Yashwantrao Chavan institute of Science, Satara and Shivaji University, Kolhapur, 11-12 January 2014. Technical Session – Energy.
5	Worked as a Chair Person for One Day International Conference on ENERGY EFFICIENT CAMPUS AND EXCHANGE OF RESEARCH ON ENERGY AND ENVIRMENT -2013”, Organized by Princeton University, New Jercey, USA; Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, and Y. C. Institute of Science, Satara, at Y. C. Institute of Science, Satara, 30 May 2013. Topic : EXCHANGE OF RESEARCH ON ENERGY
6	Worked as a Chair Person for the Invited talk Session at the One Day State level Seminar on “Patent Process”, Organized by Rayat Vidnyan Parishad , Rayat Shikshan Sanstha, Satara and Y C Institute of Science, Satara, on 20 April 2013, at Y. C Institute of Science, Satara, Session- Initial Stages of patent Process.
7	Worked as a Chair Person for the Oral session at the National Level Science Conference on “ Let’s Understand and use Constructivist Approach”, Organized by Homi Bhabha Center for Science Education , Tata Institute of Fundamental Research, Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, 2-4 March 2013.
8	Attended and Chaired Paper Presentation Session in “ International Conference on Recent Trends in Information Technology and Computer Science ”, Organized by Thakur College of Science and Commerce, Kandivali, Mumbai, 17, 18 Dec. 2012.

9	Attended and Chaired Paper Presentation Session in “ International Conference and workshop on Emerging Trends in Technology 2012 ”, Organized by Thakur College of Engineering and Technology, Mumbai, 24 -25 Feb. 2012.
10	Attended and Chaired Paper Presentation Session in “ National Conference on Computer, Communication and Information Technology 2012 ”, Organized by Sinhgad Institute of computer Sciences, Pandharpur, 18-19 Feb. 2012.
11	Attended and Chaired Paper Presentation Session in “ International Conference on Recent Trends in Information Technology and Computer Science ”, Organized by Thakur College of Science and Commerce, Mumbai, 9-10 Dec 2011.
12	Attended and Chaired Paper Presentation Session in “ International Conference and workshop on Emerging Trends in Technology 2010 ”, Organized by Thakur College of Engineering and Technology, Mumbai, 27 Feb. 2010.
13	Chaired paper presentation Session in “ International Conference on Green IT and Open Source 2010 20-22 Feb.2010 ”, Organized by Sinhgad Institute of Management, Pune, 21 Feb. 2010.

b) Chair Persons for Workshops

Sr. No.	Chair Persons for Workshops
1	One Day State Level Workshop on Research Methodology, Rayat Institute of Research and Development, 6 Feb 2016.
2	One State level Seminar on “PATENT PROCESS”, Organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara and Y. C. Institute of Science, Satara, 20 April 2013.
3	Two Day Workshop on “ Networking and Web Designing ”, Y.C. Institute of Science, Satara, Lead College activity Program of Shivaji University, Kolhapur,13-14 Jan. 2010.
4	One Day Workshop on “ Project Planning ”, Department of Computer Science, Y. C. Institute of Science, Satara and Lead College activity Program of Shivaji University, Kolhapur,27 Jan. 2009.
5	One Day Paper Presentation, Programming Skill and Poster Presentation University Level Computation competition, “ SPIRIT 2009 ”, Department of Computer Science, Y.C. Institute of Science, Satara, 19-20 Jan 2009.
6	One Day Workshop on “ Interview Technique and Project Presentation ”, Department of Computer Science, Y. C. Institute of Science, Satara and Lead College activity Program of Shivaji University, Kolhapur,6 Oct 2008.

7	One Day Workshop on “ Operating System and Java ”, Department of Computer Science, Y. C. Institute of Science, Satara and Lead College activity Program of Shivaji University, Kolhapur,9 Feb.2008.
8	One Day Paper Presentation, Programming Skill and Poster Presentation University Level Computation competition, “ SPIRIT 2008 ”, Department of Computer Science, Y.C. Institute of Science, Satara, 25 Jan 2008.
9	One Day Paper Presentation, Programming Skill and Poster Presentation University Level Computation competition, “ SPIRIT 2007 ”, Department of Computer Science, Y.C. Institute of Science, Satara, 30 Dec 2007.

❖ **National/International conference and Seminars Attended**

Sr. No.	National/International conference and Seminars Attended
1	Worked as Mentor in State Inter- University Research Convention for Post PG Students (PRG) level at “Avishkar -2023” under Agricultural and Animal Husbandry category held at Savitribai Phule Pune University, Pune from 12 th to 15 th Jan 2023
2	Participation at Krishi Vigyan Vidhi(KVV) 1.0 during 8-9 sept 2023 at Krishna Vishwa Vidhyapith, Karad, Maharashtra
3	Attended and Worked as Chief guest for “ One Day national Conference on Recent Trends in Engineering and Technology”(NCR TET-2023) on 13 th June 2023
4	Attended , Participated and worked as President in “National Conference on ESIT 2023 held on 10 th and 11 th March 2023 , Organized by Department of Forensic Science, YCIS, Satara
5	Participated in the National Seminar on “ Sustainable Agricultural and Smart Technology”(SAST-2023), held on 16 th March 2023, Organized by Department of Electronics , YCIS, Satara
6	Worked as President in the National Seminar on “ Sustainable Agricultural and Smart Technology”(SAST-2023), held on 16 th March 2023, Organized by Department of Electronics , YCIS, Satara
7	Participation in “ International Conference on Emerging Trends in Applied Microbiology and Food Science “ organized by Dept of Applied Microbiology and Food technology Sponsered by RUSA on 2 nd and 3 rd Dec 2022

8	Attended Two days International E-Conference on “ Recent Trends in Fitness and Health”, Yashavantrao Chavan Institute of Science, Satara(Autonomous), 29-30 October 2021.
9	Attended Two days Workshop on “ Teacher Training for Mentoring and Counseling of Students” Under UGC Autonomous Grant, Yashavantrao Chavan Institute of Science, Satara(Autonomous), 21 and 22 October 2021.
10	Attended One Day Online Workshop on “A Qualitative Research Approach” ,Under UGC Paramarsh Scheme, Yashavantrao Chavan Institute of Science, Satara(Autonomous), 22 May 2021.
11	Attended One Day Online Workshop on “Bloom’s Taxonomy”, Under UGC Paramarsh Scheme, Yashavantrao Chavan Institute of Science, Satara(Autonomous), 19 May 2021.
12	Attended One Day Online Workshop and Teachers Training on “Best Practices in HEI’s” , Under UGC Paramarsh Scheme, Yashavantrao Chavan Institute of Science, Satara(Autonomous), 12May 2021.
13	Attended One Day Online Workshop on “ Strengthening Extension Training” , Under UGC Paramarsh Scheme, Yashavantrao Chavan Institute of Science, Satara(Autonomous), 7 May 2021.
14	Attended One Day Online Workshop on “ Best Practices in Examination and Evaluation” , Under UGC Paramarsh Scheme, Yashavantrao Chavan Institute of Science, Satara(Autonomous), 27 May 2021.
15	Attended One Day Workshop on “ Soft Skill Program for Capacity Enhancement of Non Teaching Faculty” , Under UGC Paramarsh Scheme, Yashavantrao Chavan Institute of Science, Satara(Autonomous), 17 July 2021.
16	Attended One Day Online Workshop on “ Infrastructure Quality Measures” , Under UGC Paramarsh Scheme, Yashavantrao Chavan Institute of Science, Satara(Autonomous), 28 May 2021.
17	Attended International Conference on “ Emerging Trends and Challenges in Electronics and Computing”(ETECH-2021), Sponsored by RUSA, IEEE Pune and SPEED Pune, Yashavantrao Chavan Institute of Science, Satara(Autonomous), 4-6 March 2021.
18	Attended One Day Workshop on “Tally Software Training”, Organized by Rayat Shikshan Sanstha’s Audit Department, 12 March 2021.
19	Attended and Participated in Rayat Inspire Camp 2017, S M Joshi College, Hadapsar, Pune, 13-17 Jan 2017.

20	Attended and Participated in One Day State level Workshop on Careers in Intellectual Property Rights, Rayat Institute of Research and Development, Satara and Karmaveer Bhaurao Patil College of Engineering, Satara, 29 th Jan 2017.
21	Attended and Participated in International Summit on Technology and innovations for Industry, Yashwantrao Chavan Institute of Science, Satara, 8-9 March 2016.
22	Attended and Participated in Science Conference on Energy, Agriculture, Water, Pollution and Science Education, at Sadhana Sankul Hadapsar, Pune, organized by Rayat Shikshan Sanstha, Satara and Homi Bhabha Centre for Science Education, TIFR, Mumbai, 23-25 Jan 2016.
23	Attended and Participated in Science Conference Event- Activity Based Learning(Activity Presentation) at Sadhana Sankul Hadapsar, Pune; organized by Rayat Shikshan Sanstha, Satara and Homi Bhabha Centre for Science Education, TIFR, Mumbai, 23-25 Jan 2016.
24	Attended and Participated in Science Conference Event- Project Based Learning at Sadhana Sankul Hadapsar, Pune; organized by Rayat Shikshan Sanstha, Satara and Homi Bhabha Centre for Science Education, TIFR, Mumbai, 23-25 Jan 2016.
25	Attended and Participated in Science Conference Event- Rayat Inspire Project (Senior College) at Sadhana Sankul Hadapsar, Pune; organized by Rayat Shikshan Sanstha, Satara and Homi Bhabha Centre for Science Education, TIFR, Mumbai, 23-25 Jan 2016.
26	Attended and Participated in Science Conference Event- Activity Based Learning (Activity Designing) at Sadhana Sankul Hadapsar, Pune; organized by Rayat Shikshan Sanstha, Satara and Homi Bhabha Centre for Science Education, TIFR, Mumbai, 23-25 Jan 2016.
27	Attended one Day Seminar on “Discussion on Higher Education Issues” D. G. College of Commerce, 7 May 2012, Organized by Rayat Shikshan Sanstha, Satara.
28	Seminar on “ Career Guidance ”, D. G. College of Commerce, Satara, Lead College activity Program of Shivaji University, Kolhapur, 18 Feb. 2010.
29	State Level Seminar on “ Role of IQAC as a tool for reaccreditation with special reference to students activities, progression and innovative practices ”, sponsored by NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL, BANGALORE, Y.C. Institute of Science, Satara, 10-11 Feb.2009.
30	National Seminar on “ Current trends in Information Technology ”, B. N. Sarda Science College, Sangamner, Ahmednagar, 9-11 Feb.2008.

31	National Seminar of “ Recent Advances in Sensors and Instrumentation ”, Shankarrao Mohite Mahavidyalaya, Akhuj, Solapur, 15-16 Oct. 2007.
32	Seminar on “ Draft Revised Syllabus of B.Sc.III Electronics ”, Organized by Department of Electronics, Shivaji University, Kolhapur and Vivekanand College, Kolhapur, 9 Jan.2005.
33	UGC Sponsored National Seminar on “ Electro and Magneto Ceramics Devices and Systems ”, Organized by Shankarrao Mohite Mahavidyalaya, Akhuj, Solapur, 21-22 Oct.2002.
34	UGC Sponsored National Seminar on “ Microbial Technology in Industry and agriculture ”, Organized by Y.C. Institute of Science, Satara, 16 March 2002.
35	State Level Seminar on “ Status of Women in Maharashtra ”, Organized by Tata Institute of Social Sciences, Mumbai and Shivaji University, Kolhapur, 12-13 March, 1999.
36	National Seminar on “ Women’s movement and 50 years of Independence ” Organized by Women’s Study Centre, Shivaji University, Kolhapur, 3-5 Jan.1998

❖ **Participation in National/International Workshops/ Seminars/ Conferences**

Sr. No.	Participation in National/International Workshops/ Seminars/ Conferences
1	Participation in “ Ethics and Values in Higher Education” Organized by Maharashtra State Faculty Development Academy from 9 – 1-2023 to 13 -1 - 2023 at Asia Plateau , Pachgani Maharashtra in collaboration with Initiatives of Change (India)
2	Participated in One Day Workshop on “Thrust areas and skills in Research” Under Capacity Building for Teachers funded by UGC Autonomous on 2 nd March 2022 at YCIS Satara.
3	Participated in 3 rd International Conference on Emerging Technologies in Data Mining and Information Security , organized by Dept of Comp. Application and Science , Institute of Engg. And Management, date 23 to 25 Feb 2022.
4	Participated and Completed One Week Online Training Program on “IPR-patenting System in India” on 6 th to 10 th June 2022 Conducted by Rajiv Gandhi NIIPM Nagpur
5	Participation in “Current Approaches in Life Science for Sustainable Development ”, International E- Conference , Organized by Dept. of Life Sciences, YCIS Satara, 19 th to 20 th March 2021.

6	Participation in One Day Online Workshop on “ Blooms Taxonomy” organized by IQAC, YCIS Satara , 19 May 2021.Under UGC Paramarsh Scheme .
7	Participation in One Day Workshop “ Soft Skill Development Program for Capacity Enhancement of Non teaching Faculty” , Under UGC Paramarsh Scheme , YC Institute of Science, Satara, 17 July 2021.
8	Participation in One Day Workshop on “ Best Practices in Higher Education – Teacher Training” , Under UGC Paramarsh Scheme , YC Institute of Science, Satara, 12 May 2021.
9	Participation in Two Days Workshop on “ Teacher Training for Mentoring and Counseling of Students”, Under UGC Paramarsh Scheme , YC Institute of Science, Satara, 21-22 October 2021.
10	Participation in One Day Workshop on “ A Qualitative research Approach” Under UGC Paramarsh Scheme , YC Institute of Science, Satara, 22 May 2021.
11	Participation in International E-Conference on “ Current Approaches in Life Sciences for Sustainable Development(ICALSSD-2021)”, YC Institute of Science of Satara , , 19-20 March 2021.
12	Participation in One Day Lecture Series on “Issues in Higher Education”, Rayat Shikshan Sanstha’s Karmaveer Vidya Prabodhini , Satara, 7-8 May 2018
13	Participation in 4 th Rayat Vidnyan Parishad , Organized by Rayat Shikshan Sanstha’s K.B.P. College Vashi , 29-31 Dec 2018.
14	Participation in One Day Workshop on “Research Methodology”, Organized by Dahiwadi College Dahiwadi, 27 th feb 2019.
15	Participation in Two Days Lecture Series on “ Issues in Higher Education”, Organized by D,G, College Satara, 7-8 May 2019
16	Participated in Two Days Workshop on Principal , UGC Coordinators B.Voc Nodal Officers and Accountant” Organized by Rayat Shikshan Sanstha. Satara, 10-11 Jan 2020.
17	Participated in One Day Workshop on “ Students Council Election” Organized by Department of Students Development, Shivaji University, Kolhapur; 15 June 2019
18	Participated in One Day State level Seminar on “Careers in International Property Rights (IPR-2018) ”, Organized by Dahiwadi Collage , Dahiwadi,10 march 2018.
19	Participated in One Day Seminar on “NAAC New Methodology” Organized by Rayat Shikshan Sanstha, 21 st Dec 2017.

20	Participation in One Day National Conference on Innovative trends in Electronics and Allied Technology – ITEAT 2017, Y C Institute of Science, Satara, 25 Feb 2017.
21	Participation in “A Two Days hands on Workshop On Open Source OS Linux-UBUNTU”, Department of Electronics and Computer Science, Satara, 5-6 July 2016.
22	Participation in “A One Day Workshop On B.Sc. Part- III, Electronics Revised Syllabus”; Sponsored by Shivaji University, Kolhapur, Organized by Rajaram College Kolhapur, 12 Sept. 2015.
23	Participation in “A One Day Workshop On B.Sc. Part- III, Electronics Revised Syllabus” Sponsored by Shivaji University, Kolhapur, Organized by Y. C. Institute of Science, Satara, 13 Aug. 2015.
24	Participated in One Day State level Seminar on Emerging Trends in technology (Tech ++), 16 Jan 2015, Y. C. Institute of Science, Satara.
25	Participated in the workshop, 13-15 July 2015, organized by Homi Bhabha Centre for Science Education and Rajiv Gandhi Science and Technology Commission, Mumbai on “Science and Innovation Activity Centre”.
26	Participated and worked as a Member of Organizing Committee for “Science Conference”, Organized by Homi Bhabha Centre for Science Education, TIFR, Mumbai, and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at R. B. N. B. College Shrirampur, Dist. Ahmednagar, on 28 Feb- 2 March 2014.
27	Participation in the Five Days Workshop on Science and Mathematics Educational Concepts held at National Institute for Science and Mathematics Education Development (NISMED), Diliman, Quezon City, Manila, Philippines, 9-13 November 2013.
28	Participation in the Three Days Workshop for Principals Organized by Shivaji University, Kolhapur and UGC Academic Staff College, Pune University, Pune, 3-5 Dec. 2013.
29	Participation in the two Days Design Workshop for Building Educators for Science Teaching (BEST), Organized by Ministry of Science and Technology, Ministry of Human Resource Development, Government of India and Homi bhabha Centre for Science Education, TIFR, Mumbai, 27 – 28 Aug. 2013.
30	One Day Workshop on “NET/SET Examination Guidance”, Y. C. Institute of Science, Satara, 14 April 2010.
31	One Day Workshop on “ Competitive Examination Guidance and Interview Technique ”, Y. C. Institute of Science, Satara, 25 Jan 2010.

32	Two Day Workshop on “ Networking and Web Designing ”, Y.C. Institute of Science, Satara, Lead College activity Program of Shivaji University, Kolhapur,13-14 Jan. 2010.
33	One Day Workshop on “ Interview techniques and Group Discussion ”, D.P.Bhosale College,Koregaon, Lead College activity Program of Shivaji University, Kolhapur,24 Dec. 2009.
34	Seven Days Workshop on “ Science Communication Through Digital Media ”, Organized by National Council For Science & Technology Communication, The Department of Science & Technology, Govt. of India, New Delhi and Vidyadeep Foundation, Satara, 23 – 29 August 2009.
35	Two Days Workshop on “ Research Methodology ”, Organized by Karmaveer Vidyaprabodhini and Chh. Shivaji College, Satara, 17-18 February 2009.
36	One Day Workshop on “ Project Planning ”, Department of Computer Science, Y. C. Institute of Science, Satara and Lead College activity Program of Shivaji University, Kolhapur,27 Jan. 2009.
37	One Day Workshop on “ Innovative Projects in Electronics and Computer Science ”, Y.C. Institute of Science, Satara, Lead College activity Program of Shivaji University, Kolhapur,27 Jan. 2009.
38	One Day Workshop on “ Competitive Examination Guidance ”, Lead College Activity of Shivaji University, Kolhapur, Organized by Y.C. Institute of Science, Satara, 20 Dec. 2008.
39	One Day Workshop on “ Interview Technique and Project Presentation ” Department of Computer Science, Y. C. Institute of Science, Satara, 6 Oct. 2008.
40	One Day Workshop on “ Advanced Microcontroller ”, Y.C. Institute of Science, Satara, Lead College activity Program of Shivaji University, Kolhapur,9 Feb.2008.
41	One Day Workshop on “ Operating System and Java ”, Department of Computer Science, Y.C. Institute of Science, Satara, Lead College activity Program of Shivaji University, Kolhapur,9 Feb 2008.
42	Two day Workshop on “ Udyojakta Vikas ”, organized by Vocational Guidance Centre, Y.C. Institute of Science, Satara, 11-12 Jan. 2008.
43	One Day Workshop on “ Competitive Examination Guidance ”, Lead College Activity of Shivaji University, Kolhapur, Savitribai Phule Mahila Mahavidyalaya, Satara, 20 Dec 2007.
44	One Day Workshop on “ Introduction to VB.Net ”, Department of Computer Science, Y. C. Institute of Science, Satara and Lead College activity Program of Shivaji University, Kolhapur,25 Oct. 2007.

45	Two Days Training Program cum Workshop on “ Woman- Man Equality Training ”, Organized by Women Study Centre, Shivaji University, Kolhapur, 28-29 Dec 2006.
46	One Day Workshop on “ Advanced Microcontroller ”, Y.C. Institute of Science, Satara, Lead College activity Program of Shivaji University, Kolhapur, 26 Sept. 2006.
47	One Day Workshop on “ Competitive Examination Guidance, Short-term Courses and Future Projects ”, Organized by Rayat Shikshan Sanstha, Satara, 30 Dec. 2004.
48	Two Day Workshop on “ New Syllabus B.Sc.II Electronics ”, Organized by Department of Electronics, Y.C. Institute of Science, Satara and Shivaji University, Kolhapur , 21,22 August 2004.
49	One Day Workshop on “ Draft Syllabus and U.G.C. Model Curriculum of B.Sc.II Electornics ”, Organized by Department of Electronics, Y.C. Institute of Science, Satara and B.C.U.D. Shivaji University, Kolhapur, 4 April 2004.
50	Eight day Camp on “ VidnyanManch ”, Organized by Maharashtra State Science Education Institute, Nagpur and Y. C. Institute of Science, Satara, 1 Nov. to 8 Nov. 2003.
51	One Day Workshop on “ Anti Addiction Awareness Workshop ”, Organized by Department of Social Welfare, Z.P. Satara and Y.C. Institute of Science, Satara, 17 December 2003.
52	One Day Workshop on “ Jal Jagar Chalval Workshop – A Movement to recharge minds of people ”, Organized by Z. P. Satara and Y.C. Institute of Science Satara, 26 Sept. 2003.
53	Two Day Workshop on “ Campaign on University Research and Training – Court 2003 ”, Organized by Shivaji University, Kolhapur, 26-27 June 2003.
54	Two Day Workshop on “ AIDS Avoidation Training Workshop ”, Organized by Sport Ministry, Government of India; NSS Regional Centre, Pune and Y.C. Institute of Science, Satara, 18-19 Oct. 2001.
55	One Day Workshop on “ Today’s Higher Education: Problems and Attempts for New Era ”, Organized by D.G. College of Commerce, Satara, 19 August 2001.
56	Six Days Workshop on “ Introduction to Microcontrollers ”, Organized by Western Regional Instrumentation Centre, Mumbai and Department of Electronics, Shivaji University, Kolhapur, 21-26 August 2000.
57	Two Day Workshop cum training program on “ Population and Development Education ”, Organized by Population Education Resource Centre, University of Poona, 15-16 Sept. 1999.

58	One Day Workshop on “ Women’s and Reservation Policy ”, Organized by Women Study Centre, Shivaji University, Kolhapur, 26 July 1997.
59	Six Day Training Program cum workshop on “ Microprocessors and Microcontrollers ”, Organized by Shivaji University, Kolhapur, 3-8 June 1996.
60	Eight Day Workshop on “ Electronics ”, Activity regarding Microprocessor and Microcontrollers, practical’s, Organized by Department of Electronics, Shivaji University, Kolhapur, 25 Dec. 1992- 3 Jan.1993.

❖ **Member of Organizing Committee for Conference/Seminar/ Workshop/ Symposium/ State Level and University Level Quiz Competitions-**

Sr. No.	Member of Organizing Committee for Conference/Seminar/ Workshop/ Symposium/ State Level and University Level Quiz Competitions
1	Worked as a Chairman for Inter College State level Quiz Competition , 19-21 Jan 2017, Karmaveer Vidyaprabodhini Rayat Shikshan Sanstha Satara and Y C Institute of Science, Satara.
2	Worked as a Member of Organizing Committee in One Day State level Seminar on Emerging Trends in technology (Tech ++), 16 Jan 2015, Y. C. Institute of Science, Satara.
3	Worked as a Member of Organizing Committee for “Science Conference”, Organized by Homi Bhabha Centre for Science Education, TIFR, Mumbai, and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at S. M. Joshi College Hadapsar, Dist. Pune, on 23-25 Jan 2016.
4	Worked as a Member of Organizing Committee for “Science Conference”, Organized by Homi Bhabha Centre for Science Education, TIFR, Mumbai, and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at R. B. N. B. College Shrirampur, Dist. Ahmednagar, on 28 Feb- 2 March 2014.
5	Worked as a Member of Organizing Committee and Examiner for “Science Instruments Exhibition”, Organized by Karmaveer Bhaurao Patil Mahavidyalaya Pandharpur, Dist Solapur and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara on 27 Nov. 2013.

6	Worked as a Member of Organizing Committee for One Day International Conference on ENERGY EFFICIENT CAMPUS AND EXCHANGE OF RESEARCH ON ENERGY AND ENVIRONMENT -2013”, Organized by Princeton University, New Jersey, USA; Rayat Vidyan Parishad, Rayat Shikshan Sanstha, Satara, and Y. C. Institute of Science, Satara, at Y. C. Institute of Science, Satara, 30 May 2013.
7	Worked as a Chairman of Organizing committee of State Level Inter College Quiz Competition organized by Karmaveer Vidyaprabodhini, Rayat Shikshan Sanstha, Satara. 31/1/2013.
8	Worked as a member of Organizing Committee, One Day State Level Event on New Horizons in Computer, IT and Electronics, Department of Electronics and Computer Science, Y. C. Institute of Science, Satara, 17 Jan. 2013.
9	Worked as a member of Organizing Committee, One Day Workshop on Recent Trends in Electronics, Shivaji University, Kolhapur and Department of Electronics and Computer Science, Y. C. Institute of Science, Satara, 31Dec. 2012.
10	Worked as a Member of Organizing Committee, Two Day State Level “Inter Colleges Quiz Competition” , Organized by Karmaveer Vidyaprabodhini, Rayat Shikshan Sanstha, Satara and Y. C. Institute of Science, Satara, 11/1/2012.
11	Worked as a Member of Organizing Committee, One Day Workshop on “NET/SET Examination Guidance” , Y. C. Institute of Science, Satara, 14 April 2010.
12	Worked as a Member of Organizing Committee, “Workshop on Embedded C” , Y.C. Institute of Science, Satara, Lead College activity Program of Shivaji University, Kolhapur, 20 Jan. 2009.
13	Worked as a Member of Organizing Committee, “Workshop- Vidyan Manch Shibir” , Maharashtra State Science Educational Institute, Nagpur and Y.C. Institute of Science, Satara, 11 – 18 Nov. 2008.
14	Worked as a Member of Organizing Committee, “Workshop on Microcontroller and Embedded System” , Y.C. Institute of Science, Satara, Lead College activity Program of Shivaji University, Kolhapur, 4 Oct. 2008.
15	Worked as a Member of Organizing Committee, “Workshop on Advanced Microcontroller” , Y.C. Institute of Science, Satara, Lead College activity Program of Shivaji University, Kolhapur, 9 Feb. 2008.
16	One Day Workshop on “Operating System and Java” , Y.C. Institute of Science, Satara, Lead College activity Program of Shivaji University, Kolhapur, 9 Feb 2008.

17	Worked as a Committee Member in “ Vidnyan Manch Shibir ”, Organized by Maharashtra Rajya Vidnyan Shikshan Sanstha, Nagpur and Y.C. Institute of Science, Satara”, 26-11 to 3-12-2007.
18	Worked as a Committee Member in “ Lecture Series Function ”, Karmaveer Punyatithi May 2007, Organized by Karmaveer Vidyaprabodhini, Rayat Shikshan Sanstha, Satara, 15 June 2007.
19	Worked as a Member of Organizing Committee, U G C Sponsored “ National Symposium in Zoology ”, Feb 10-11, 2007, Y.C. Institute of Science, Satara, 11 Feb. 2007.
20	Worked as a Committee Member in “ Vidnyan Manch Shibir ”, Organized by Maharashtra Rajya Vidnyan Shikshan Sanstha, Nagpur and Y.C. Institute of Science, Satara”, 1-11 to 8-11-2006.
21	Worked as a Member of Organizing Committee, “ Workshop on Advanced Microcontroller ”, Y.C. Institute of Science, Satara, Lead College activity Program of Shivaji University, Kolhapur, 26 Sept. 2006.
22	Worked as a Committee Member in “ State Level Quiz Computation Feb. 2006 ”, Organized by Karmaveer Vidyaprabodhini, Rayat Shikshan Sanstha, Satara and Y. C. Institute of Science, Satara, Feb. 2006.
23	Worked as a Committee Member in “ Vidnyan Manch Shibir ”, Organized by “Maharashtra Rajya Vidnyan Shikshan Sanstha, Nagpur and Y.C. Institute of Science, Satara”, 1-11 to 8-11-2003.
24	Worked as a Member of Organizing Committee, “ Workshop Cum Orientation Course on B.Sc.I (Stat.) New Syllabus ”, Shivaji University, Kolhapur and Y.C. Institute of Science, Satara, 1-2 Sept. 2003.
25	Worked as a Committee Member in “ Vidnyan Manch Shibir ”, Organized by “Maharashtra Rajya Vidnyan Shikshan Sanstha, Nagpur and Y.C. Institute of Science, Satara”, 1-11 to 8-11-2003.
26	Worked as a Member of Organizing Committee, “ Workshop Cum Orientation Course on B.Sc.I (Stat.) New Syllabus ”, Shivaji University, Kolhapur and Y.C. Institute of Science, Satara, 1-2 Sept. 2003.

❖ **Certificate of Merits**

Sr. No.	Certificate of Merits
1	Certificate of Worked as a “ Senior Supervisor for RTS Examination ”, Feb. 2010, Rayat Shikshan Sanstha, Karmaveer Vidya Prabodhini, Satara, 2-2-2010.

2	Certificate of Worked as a “ Senior Supervisor for RTS Examination ”, Feb.2008, Rayat Shikshan Sanstha, Karmaveer Vidya Prabodhini, Satara, 3-2-2008.
3	Certification of, “ Maharashtra Rajya Vidnyan Shikshan Sanstha, Nagpur ” and Y.C. Institute of Science, Satara, 26-11 to 3-12-2007.
4	Certificate of “ Junoni Bhushan Award-2007 ”, Raje Shivaji Sarawajanik Wachanalaya, Junoni , Solapur,1 April 2007.
5	Certificate of “ Maharashtra Vivek Vahini ”, By Dr. Vasant Govarikar, 28 Feb. 2007.
6	Certificate of Worked as a “ Senior Supervisor for RTS Examination ”, 3-5 Feb.2007, Rayat Shikshan Sanstha, Karmaveer Vidya Prabodhini, Satara, 9-02-2007.
7	Participated in “ Assessment Program of Revenue Department Exam ”, Phaltan, Satara, 2-7-2006.
8	Certificate of Worked as a “ Senior Supervisor for RTS Examination ”, 4-6 Feb.2006, Rayat Shikshan Sanstha, Karmaveer Vidya Prabodhini, Satara, 10-02-2006.
9	Certificate of Participation in “ Pulse Polio Immunization Program ”, Conducted by Government of India, New Delhi, District Civil Hospital, Satara, 9-12-2001 and 27-1-2002

❖ **Participated in the Curriculum framing committee-**

Sr. No.	Participated in the Curriculum framing committee
1	One Day Workshop on “ Revised Syllabus of B.Sc. Part II, Electronics ”, Organized by Shivaji University, Kolhapur and Y. C. Institute of Science, Satara, 8 August 2011, Y. C. Institute of Science, Satara.
2	Seminar on “ Draft Revised Syllabus of B.Sc.III Electronics ”, Organized by Department of Electronics, Shivaji University, Kolhapur and Vivekananda College, Kolhapur, 9 Jan.2005.
3	Member of Organizing Committee of Two Day Workshop on “ New Syllabus B. Sc. II Electronics ”, Department of Electronics, Y.C. Institute of Science, Satara and Shivaji University, Kolhapur , 21,22 August 2004.
4	Member of Organizing Committee of One Day Workshop on “ Draft Syllabus and U. G. C. Model Curriculum of B. Sc. II Electornics ”,Organized by Department of Electronics, Y.C. Institute of Science, Satara and B.C.U.D. Shivaji University, Kolhapur, 4 April 2004

❖ **Chairman /Coordinator/ Convener/ Organizing Secretary /Member of Advisory Committee for Conferences, Seminars and Workshops-**

Sr. No.	Chairman /Coordinator/ Convener/ Organizing Secretary /Member of Advisory Committee for Conferences, Seminars and Workshops
1	Worked as Coordinator for UGC –CPE Sponsored National Conference on Innovative Trends in Electronics and Allied Technology (ITEAT- 2017), Yashwantrao Chavan Institute of Science, Satara, 23 Feb. 2017.
2	Worked as a Chairman for 3 Days Sate College Quiz Competition at Y C Institute of Science, Satara, 7-9 Jan 2016, organized by Rayata Shikshan Sanstha.
3	Worked as a Chairman for 3 Days Sate College Quiz Competition at Y C Institute of Science, Satara, 29-31 Jan 2015, organized by Rayata Shikshan Sanstha.
4	Worked as a Coordinator for Two day UGC Sponsored National Conference on “Modern Approach for Green Electronics and Computing 2014”, Organized by Department of Electronics and Computer Science, Satara, 29-30 September 2014.
5	Worked as a coordinator for “One Day Workshop for Science Teacher on Energy and Constructivism”, organized by Raigad Region- Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at Karmaveer Bhaurao Patil College Vashi, Navi Mumbai, 4 Sept. 2013.
6	Worked as a Coordinator for One Day International Conference on ENERGY EFFICIENT CAMPUS AND EXCHANGE OF RESEARCH ON ENERGY AND ENVIRMENT -2013”, Organized by Princeton University, New Jercey, USA; Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, and Y. C. Institute of Science, Satara, at Y. C. Institute of Science, Satara, 30 May 2013.
7	Worked as a Coordinator for One Day State level Seminar on “Patent Process”, Organized by Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, and Y. C. Institute of Science, Satara, at Y. C. Institute of Science, Satara, 20 April 2013.
8	Worked as a Convener for National Level Science Conference for Science Teacher on “ Let’s Understand and Use Constructivist Approach ”, organized by Homi Bhaba Center for Science Education, Tata Institute of Fundamental Research, Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at Y C Institute of Science, Satara, 2-4 March 2013.

9	Worked as a Convener for State Level Workshop for Science Teacher on “Research Paper Reading and Poster Presentation” , organized by Homi Bhabha Center for Science Education, Tata Institute of Fundamental Research, Mumbai and Rayat Vidnyan Parishad Western Region-, Pune, Rayat Shikshan Sanstha, Satara, at Sadhana Campus, Pune, 18 Jan. 2013.
10	Worked as a Convener for State Level Workshop for Science Teacher on “Innovative Ideas for Designing of Science Project” , organized by Homi Bhabha Center for Science Education, Tata Institute of Fundamental Research, Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at Y. C. Institute of Science, Satara, 8 Jan. 2013.
11	Worked as a Convener for State Level Workshop for Science Teacher on “Research Paper Writing -Guidance” , organized by Homi Bhabha Center for Science Education, Tata Institute of Fundamental Research, Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at Y.C. Institute of Science, Satara, 29-30 Nov. 2012.
12	Worked as a Convener for State Level Workshop for Science Teacher on “Innovative Ideas for Designing of Science Project” , organized by Homi Bhabha Center for Science Education, Tata Institute of Fundamental Research, Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at Y. C. Institute of Science, Satara, 13-14 Dec. 2012.
13	Worked as a Co-ordinator for the Maharashtra State Road Transport Corporation, Mumbai, Examination Conducted by MKCI, Maharashtra Knowledge Corporation Ltd. Mumbai, 21/10/2012 at Y. C. Institute of Science, Satara.
14	Worked as a Convener for State Level Workshop for Science Teacher on “Motivation and Selection of Research Paper Topic” , organized by Homi Bhabha Center for Science Education, Tata Institute of Fundamental Research, Mumbai and Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, at D.G. College of Commerce, Satara, 13 Oct. 2012.
15	Worked as a Co-ordinator for Five Days Orientation Cum Workshop on “Career opportunities, Higher Education Structure and Research Attitude (WCOHERA-2012)” organized by Career Guidance Centre, Yashvantrao Chavan Institute of Science, Satara, 12-15 September 2012.
16	Worked as a Co-ordinator for Eight Days State Level Workshop on “JRF/SRF/CSIR/NET/SET” , Organized by Y. C. Institute of Science, Satara, 14-21 May 2012

17	One Day Workshop on “ Interview Technique ” Organized by Competitive Examination Guidance Centre, Y. C. Institute of Science, Satara, 22 March 2012.
18	State Level One Day Workshop on “ NET/SET ”, Organized by Shivaji University Kolhapur and Y. C. Institute of Science, Satara, 12 March 2012, Y. C. Institute of Science, Satara.
19	One Day Workshop on “ Personality Development and Communication Skills ” Organized by Y. C. Institute of Science, Satara, 16 Feb. 2011, Y. C. Institute of Science, Satara.
20	One Day Workshop on “ Tarunaishi Ek Su-Sanwad ” Organized by Maharashtra Public Service Commission, Mumbai; Shivaji University, Kolhapur and Competitive Examination Guidance Centre, Y. C. Institute of Science, Satara, 8 Jan. 2012, Y. C. Institute of Science, Satara.
21	One Day Workshop on “ Mock Interview -Competitive Examination Guidance ” Organized by Competitive Examination Guidance Centre, Y. C. Institute of Science, Satara, 19 Nov. 2011, Y. C. Institute of Science, Satara.
22	One Day Workshop on “ Physical Training-Competitive Examination Guidance ” Organized by Competitive Examination Guidance Centre, Y. C. Institute of Science, Satara, 8 Nov. 2011, Y. C. Institute of Science, Satara.
23	One Day Workshop on “ Competitive Examination Guidance ” Organized by Shivaji University, Kolhapur, Lead College Program and Y. C. Institute of Science, Satara, 15 Oct. 2011, Y. C. Institute of Science, Satara.
24	One Day Workshop on “ Revised Syllabus of B.Sc. Part II, Electronics ”, Organized by Shivaji University, Kolhapur and Y. C. Institute of Science, Satara, 11 August 2011, Y. C. Institute of Science, Satara.
25	One Day Workshop on “ Group Discussion ”, Under Scheme- College For Potential Excellence, Student Training Program, Y. C. Institute of Science, Satara, 8 July 2011.
26	Two Day Workshop on “ Networking and Web Designing ”, Y.C. Institute of Science, Satara, Lead College activity Program of Shivaji University, Kolhapur,13-14 Jan. 2010.
27	One Day Workshop on “ Competitive Examination Guidance ”, Lead College Activity of Shivaji University, Kolhapur, Organized by Y.C. Institute of Science, Satara, 20 Dec. 2008.
28	One Day Workshop on “ Competitive Examination Guidance and Interview Technique ”, Y. C. Institute of Science, Satara, 25 Jan 2010.

29	Two day Workshop on “Udyojakta Vikas”, organized by Vocational Guidance Centre, Y.C. Institute of Science, Satara, 11-12 Jan. 2008.
30	One Day Paper Presentation, Programming Skill and Poster Presentation University Level Computation competition, “SPIRIT 2010”, Department of Computer Science, Y.C. Institute of Science, Satara.
31	Member of Advisory Committee- International Conference on Recent Trends in IT and Computer Science, 17-18 December 2012, Thakur College of Science and Commerce, Kandivali, Mumbai.
32	Member of Advisory Committee- International Conference on “Recent Trends in Information Technology and Computer Science”, Organized by Thakur College of Science and Commerce and University of Mumbai, 9-10 Dec 2012.
33	Member of Technical Committee- National Conference on “Computer, Communication and Information Technology”, Organized by Sinhgad Institute of Computer Sciences, Pandharpur, 18-19 Feb 2012.

❖ **Examination Worked Done (NGO)-**

Sr. No.	Examination Worked Done (NGO)-
1	Worked as a Custodian, UPSC Pre Training Entrance Examination, YASHADA, 20/11/2016, Y. C. Institute of Science, Satara.
2	Worked For MTS Examination Conducted by Nouroji Wadiya College Pune, Divisional Conductor for Satara Division - April 20 12 Ref. 61/12-13, 11/4/2012.
3	Worked For MTS Examination Conducted by Nouroji Wadiya College Pune, Divisional Conductor for Konkan Region Chiplun Division - April 2011.
4	Worked For MTS Examination Conducted by Nouroji Wadiya College Pune, Divisional Conductor for Konkan Region Chiplun Division -April 2010.
5	Worked For MTS Examination Conducted by Nouroji Wadiya College Pune, Divisional Conductor for Konkan Region Chiplun Division -April 2009.
6	Worked For MTS Examination Conducted by Nouroji Wadiya College Pune, Divisional Conductor for Konkan

❖ **Working for Rayat Shikshan Sanstha, Satara**

Sr. No.	Working for Rayat Shikshan Sanstha, Satara
1	Worked as a member of Expert Committee for College Administration Software Purchase and Demonstration meeting, 25 May 2016, Rayat Shikshan Sanstha Satara.

2	Worked as a Senior Supervisor for On Line Examination of Sanstha, Exam Conducted by MKCI, Pune, at Maharashtra Computers, Miraj, Sangli, 16 Nov. 2014.
3	Worked as a Expert for RTS College Project, Dahiwadi College Dahiwadi, 3/9/2013.
4	Working as a Coordinator for Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, from June 2012.
5	Working as Invited Member of Working Council (Karyakarani) of Karmaveer Vidyaprabodhini, Rayat Shikshan Sanstha, Satara from 2006.
6	Working as a Member of Editorial Board of Research Journal Trajectory, A Biannual Research Journal , Published by Karmaveer Vidyaprabodhini, Rayat Shikshan Sanstha, Satara, From 2006.
7	Worked as a “ Senior Supervisor for RTS Examination ”, Feb.2010, Rayat Shikshan Sanstha, Karmaveer Vidya Prabodhini, Satara, 2-2-2010.
8	Worked as a “ Senior Supervisor for RTS Examination ”, Feb.2008, Rayat Shikshan Sanstha, Karmaveer Vidya Prabodhini, Satara, 3-2-2008.
9	Worked as a “ Senior Supervisor for RTS Examination ”, 3-5 Feb.2007, Rayat Shikshan Sanstha, Karmaveer Vidya Prabodhini, Satara, 9-02-2007.
10	Worked as a “ Senior Supervisor for RTS Examination ”, 4-6 Feb.2006, Rayat Shikshan Sanstha, Karmaveer Vidya Prabodhini, Satara, 10-02-2006.
11	Working for Disha Project, Chh. Shivaji College, Satara. 2009-2010, 2010-2011, 2011-2012, 2012-2013.

❖ **Examination and Expert Work for Shivaji University, Kolhapur**

Sr. No.	Examination and Expert Work for Shivaji University, Kolhapur
1	Worked as a Senior Supervisor, Shivaji university Kolhapur Examination, 10-25 April 2017.
2	Worked as a Moderator, B. Sc. III, Shivaji university Kolhapur, 1-3 May 2017, YCIS, Satara.
3	Worked as a member of LIC Committee for L. B. S. College Satara, Shivaji University Kolhapur, 16 Jan 2017.
4	Worked as a Senior Supervisor, Theory Examination, Shivaji University, Kolhapur, 7 Dec 2016- 20 Dec 2016.
5	Worked as a Examiner at B.Sc. Part I, Electronics Examination, Shivaji University, Kolhapur, 28-29 April 2016.
6	Worked as a Examiner at B.Sc. Part III, Electronics Examination, Shivaji University, Kolhapur, 14-15 April 2016.
7	Worked as a Examiner at B.Sc. Part I, Electronics Examination, Shivaji University, Kolhapur, 11-13 April 2016.

8	Worked as a Practical Examiner , Electronics, B.Sc. III, Y C Karad, Shivaji University, Kolhapur, 29 Feb – 3 March 2016.
9	Worked as Member of Viva voce committee, Shivaji university Kolhapur, Dept of Computer Science, Student: Mr Girish Tere, 16 June 2015.
10	Worked as a Senior Supervisor for Theory Examination Shivaji University Kolhapur, 14 May 26 May 2015.
11	Worked as Moderator and Examiner for B.Sc. Part I Examination Shivaji University Kolhapur, Electronics, 30 /5/2015.
12	Worked as Moderator and Examiner for B.Sc. III Electronics Semester V Examination, Oct/Nov 2014, L. B. S. College, Satara, 28th and 29 th Nov. 2014.
13	Worked as Moderator and Examiner for B.Sc. II Electronics Semester III Examination, Oct/Nov 2014 , L. B. S. College, Satara, 14 th and 15 th Dec 2014.
14	Worked as Chairman for Syllabus Setting Committee for B.Sc. III Animation, Shivaji University Kolhapur, 5/2/2015.
15	Worked as a member of LIC Committee, Shivaji University Kolhapur, to Mudhoji College, Phaltan, Dist. Satara on 19/11/2014.
16	Worked as a Examiner for Theory, Examination B.Sc. I. Sub- Electronics, Shivaji University, Kolhapur, CAP at Y C Institute of Science, Satara. 14-17 Nov. 2014.
17	Worked as a member of Scrutiny Committee for the interview of the post of the Principal at Dnyanshree institute of Engineering and Technology, Satara, 26 Dec. 2013.
18	Worked as a External Practical Examiner for B.Sc. II Examination, Sub-Electronics, at Sadguru Gadage Maharaj College, Karad, Satara, 4/4/2011 to 6/4/2011.
19	Worked as a External Practical Examiner for B.Sc. II Examination, Sub-Electronics, at Rajaram College Kolhapur, 10/4/2012 to 12/4/2012.
20	Worked as a External Practical Examiner for B.Sc. II Examination, Sub-Electronics, at Yashwantrao Chavan College of Science , Karad, Satara, 7/4/2011 to 9/4/2011.
21	Worked as a Member of DRC Committee for M. Phil. / Ph.D. Admission Meeting and Interview Schedule of candidate, Department of Computer Science, Shivaji University, Kolhapur, 14/ 8/ 2013.
22	Worked as a External Examiner for M. Phil Viva Voce of Shri Ghatage S. R., Department of Electronics, Shivaji University, Kolhapur, 6 Sept. 2013.
23	Worked as an Internal Examiner at Viva voce of Ph.D. in Computer Science, Shivaji University, Kolhapur, 3/1/2013.

24	Worked as an Internal Examiner at Viva voce of Ph.D. in Computer Science, Shivaji University, Kolhapur, 3/1/2013.
25	Worked as an Examiner at B.Sc. Part II in Subject Electronics, Central Assessment work, Shivaji University Kolhapur, 25/12/2012.
26	Worked as an Examiner and Moderator at B.Sc. Part III in Subject Electronics, Central Assessment work, Shivaji University Kolhapur, 16/11/2012.
27	Worked as an Examiner at B.Sc. Part III in Subject Electronics, Central Assessment work, Shivaji University Kolhapur, 7/11/2012.
28	Worked as an Examiner at B.Sc. Part I in Subject Electronics, Central Assessment work Shivaji University Kolhapur, 25/10/2012.
29	Worked as a Paper Setter for Ph.D. and M.Phil. Entrance Examination in Computer Science, Shivaji University, Kolhapur, 12 May 2012.
30	Worked as a External Sr. Supervisor at D. G. College Satara, 14/11/2011-26/11/2011.
31	Worked as a Paper Setter for B.Sc. I, Electronics, 30/8/2012.
32	Worked as a Member of Departmental Research Committee 2011-12 , Department of Electronics, Shivaji University, Kolhapur,.
33	Worked as Practical Examiner for B.Sc. II Electronics , Shivaji University Kolhapur at Yashvantrao Chavan Science College, Karad, Dist. Satara, 8-10 April 2012.
34	Worked as Paper Setter for B.Sc. II Electronics , Shivaji University Kolhapur, 12 Jan 2012.
35	Worked as Practical Examiner for B.Sc. III Electronics , Shivaji University Kolhapur at Yashvantrao Chavan Science College, Karad, Dist. Satara. 8-11 March 2012.
36	Worked as a Member of Departmental Research Committee , Department of Electronics, Shivaji university, Kolhapur, 2010-11.
37	Worked as a member of Scrutiny Committee for M. Phi./ Ph.D. at Department of Computer Science, Shivaji University, Kolhapur, 2/12/2012.
38	Worked as a Member of Departmental Research Committee , Department of Electronics, Shivaji university, Kolhapur, 2010-11.
39	Worked as a member of Scrutiny Committee for M. Phi./ Ph.D. at Department of Computer Science, Shivaji University, Kolhapur, 2/8/2011.
40	Worked as a External Examiner in Electronics for B.Sc. Part III at Sharadchandra Pawar Mahavidyalaya, Lonand, 27-2-2011 to 2-3-2011.

❖ **Functions Organized**

Sr. No.	Various Functions Organized
1	Competitive Examination Guidance, Y.C. Institute of Science, Satara, One Day Activity on Competitive Examination Guidance: 25/1/2013, Chief Guest- Sou. Shama Pawar (Dy.Collector), Prawin Pawar (District Superintendents of Land Acquisition), Abhijit Patil (AR).
2	“Career Opportunities in Competitive Examination” Amol Shinde, IAS Officer, Program Organized for B.Sc. I Students, 17/7/ 2012.
3	“Personality Development”, Amol Shinde, IAS Officer, Program Organized for Career Guidance Centre, 8 July 2012.
4	“Tarunaishi Ek Susandwad”..by Dr. Dhananjay B. Yedekar, Member, MPSC, Program Arranged for Competitive Exam Students, 28/8/2012, Y.C. Institute of Science, Satara, Worked as a Coordinator for this Program.
5	“Dhadpadnarya Tarunaisathi...” by Sandeepkumar Salunkhe, IRS, Deputy Commissioner, Income Tax of Office, Pune, Program arranged for Competitive Exam. Students, 28 April 2012, Y.C. Institute of Science, Satara.Worked as a Coordinator for this Program.
6	“Tarunaishi Ek Susandwad”..by Dr. Dhananjay B. Yedekar, Member, MPSC, Program Arranged for Competitive Exam Students, 28/8/2012, Y.C. Institute of Science, Satara, Worked as a Coordinator for this Program.
7	“Preparation for Competitive Examination” Resource Person Dr. Sudhir Bhongale, Expert in Agriculture and Water, Pune.
8	“Tension Free Study for Examination” By Dr. Rajshree Deshpande, Satara, Y.C. Institute of Science Satara, Date- 25/8/2011.

❖ **Competitive Examination Guidance and Member of Advisory Committee and Coordinator**

Sr. No.	Competitive Examination Guidance and Member of Advisory Committee and Coordinator
1	Worked as a member of advisory committee- UGC Sponsored Counseling Center for Entry in Service Scheme for SC/ST Students, YCIS, Satara, 1-4-2005 to 31-3-2008.
2	Worked as a Co-ordinator - UGC Sponsored Counseling Center for Entry in Service Scheme for SC/ST Students, YCIS, Satara, 1-4-2008 to 31-3-2010.

❖ **Administrative Work**

Sr. No.	Administrative Work
1	Working as a HOD Department of Computer Science (BCS from June 2016.) Worked as a HOD for Department of Computer Science, Y. C. Institute of Science, 1 June 2009- 30 June 2010. Director, Competitive Examination Guidance Centre, Y.C. I.S. Satara, From 1/7/2006 till Date.

2	Co-ordinator, NET/SET Guidance Centre, Y.C. I.S. Satara, from 1/6/2005 to 30 April 2013 .
3	Co-ordinator, Career Guidance Centre, Y.C. I.S. Satara, from 1/6/2005 to 30 April 2013 .
4	Co-ordinator, Yash Project (UPSC Guidance),Y.C. I.S. Satara, from 1/6/2012 to 30 April 2013 .
5	Convener, Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, 6 June 2012 to 30 June 2015.
6	Chairman Rayat Vidnyan Parishad, Rayat Shikshan Sanstha, Satara, 1 July 2015 till today.

❖ **Member of Academic Organizations:**

Sr. No.	Member of Academic Organizations
1	Computer Society of India Membership No-00174066 1) Member of IETE journal of Research. 2) Member of SUTA, Shivaji University Kolhapur.

❖ **General Articles: Articles Written in News Paper/Magazines**

Sr. No.	General Articles: Articles Written in News Paper/Magazines
1	Inquiry Based Learning: Rayat Vidnyan Patrica, Rayat Shikhan Sanstha, Satara, 28 Feb 2015, Volume 4.
2	Inquiry Based Learning: Need for Modern Age,Rayat Vidnyan Patrica, Rayat Shikhan Sanstha, Satara, 22 Sept 2015, Volume 5.
3	Autonomous College: Need of Day, Rayat Shikshan Patrika, 2015
4	Micro Analysis in Scientific Life,Rayat Vidnyan Patrica, Rayat Shikhan Sanstha, Satara, 22 Sept 2015, Volume 5.
5	Rayat Science Projects,Rayat Vidnyan Patrica, Rayat Shikhan Sanstha, Satara, 28 Feb 2016, Volume 6.
6	Establishment of Rayat Science and innovation Activity Center,Rayat Vidnyan Patrica, Rayat Shikhan Sanstha, Satara, 28 Feb 2016, Volume 6.

❖ **Chief guest for Functions**

Sr. No.	Chief guest for Functions
1	Competitive Examination Guidance Center Inauguration, 29/7/2016, Arts and Commerce College Pusegaon, Tal- Kathav, Satara

Signature of Faculty