

## BIODATA

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### Degrees conferred (begin with Bachelor's degree):

Degree	Institution conferring the degree	Subject(s) specialization	Class	Year
B. Sc.	B. A. M. University, Aurangabad	Chemistry, Analytical Chemistry, Botany	1 <sup>st</sup> class with Distinction	2007
M.Sc.	B. A. M. University, Aurangabad	Organic Chemistry	1 <sup>st</sup> class with Distinction	2009
SET	Accredited by U.G.C. & Conducted by Pune University	Chemical Sciences	Qualified	2009
NET	CSIR & UGC	Chemical Sciences	Qualified	2009
GATE	IIT, Kharagpur (on behalf of national coordination board-GATE, DHE & MHRD)	Chemistry	Qualified	2010
Ph. D.	Shivaji University, Kolhapur	Bio-organic transformation	Spiral submitted	2019
M. B. A.	The Global Open University, Nagaland	HR & Organic Farming	--	Dec. 2014
DNMS	Arogya Bharti Vidyapeeth, Nagpur	Naturopathy	First class	2010

### Teaching Experience:

Sr. No.	Name of the Institution	UG/PG	From --- To
1	S. B. E. S. College of Science, Aurangabad	PG (01 academic year)	30 <sup>th</sup> July., 2009 to 30 <sup>th</sup> April., 2010
2	Y. C. Warana Mahavidyalaya, Warananagar.	UG (10 Years)	15 <sup>th</sup> July., 2010 to till date.

## Computer Literacy and Typing:

- C. C. C. O. (Certificate Course in Computer Operation)
- MS-CIT.
- Typing (English- Speed 30 wpm & 40 wpm)
- Introduction to Photoshop
- Advances in MS-Excel

## Social Commitment:

- Founder member and Secretary of “Maruti Charitable Trust,” Kekhale, Tal. Panhala, Dist.: Kolhapur-416113 (MH, India)
- Founder and life member of Grahak Panchayat, Kolhapur, Kolhapur District, Kolhapur

## Personal Information:

- **Date of Birth** : 06<sup>th</sup> May, 1984.
- **Gender** : Male
- **Marital status** : Married
- **Hobbies** : Listening Music, Internet surfing, Reading
- **Languages Known** : English, Marathi, Hindi.
- **Phone Number** : **Office-** 02328 224041
- **Category** : General (Hindu- Maratha)

## Research Paper Published (International)

1. Facile green synthesis of silver nanoparticles by *Artemisia pallens* aqueous leaves extract and estimating its antimicrobial activity. (**Chemical Science Reviews and Letters-2014**)
2.  $\beta$ -cyclodextrin-glycerin as a versatile green system for synthesis of 2-amino-tetrahydro-4*H*-chromenes (**IJPCBS, 2014**)
3. *Acacia concinna* pod catalyzed synthesis of 2-arylbenzothia/(oxa)zole derivatives (**Iranian Journal of Catalysis, 2019**)

## Research Paper Published (National)

1. *Cilocia argentia* aqueous leaves extract mediated green synthesis of silver nanoparticles and estimating its antimicrobial activity. (**Vishwawarana Journal – 2015**)
2. Micellar dispersion assisted green synthesis of  $\beta$ -enaminones. (**Organic Chemistry- An Indian Journal - 2014**)

## Research Paper Published in Conference Proceeding (International)

1. *Tribulus terrestris* aqueous leaves extract mediated synthesis of copper nanoparticles and its characterization (**Int. J. Res. Anal. Rev, 2019**).

2. Facile Knoevenagel Reaction using Gel Entrapped Base Catalyst for the synthesis of pyrano[3,2-*c*]pyran and pyrano[3,2-*c*]chromene scaffolds (**Int. J. of Research and Analytical Reviews, 2019**).
3. ZnCl<sub>2</sub>-GELA catalyzed multicomponent synthesis of 1-(Benzothiazolylamino)methyl-2-naphthol (**Int. J. Res. Anal. Rev, 2019**).
4. *Centipeda minima* aqueous leaves extract mediated synthesis of silver nanoparticles and its characterization (**Ayushi Int. Interdisciplinary Research Journal, 2019**)
5. Recovery of Multi applicative Copper Metal, Antibacterial and Fungicidal Activity of Copper Sulphate from Silver Jewellery Laboratory Effluent (**Ayushi Int. Interdisciplinary Research Journal, 2019**)
6. Energy dispersive X-ray analysis (EDAX): An ideal tool for elemental mapping of mixed-metal oxides synthesized by Sol-Gel method. (**Ayushi Int. Interdisciplinary Research Journal, 2019**)

### **Research Paper Published in Conference Proceeding (National)**

1. Effect of Chemical Fertilizers and Organic/Biofertilizers on crops as well as on Health of Soil (**2015**)
2. Role of Wild Variety of Plants in Agriculture and Biofarming (**2015**)
3. Supercritical Fluid Extraction Technology: A clean and efficient technology which boost the Indian economy (**ISBN: 978-81-933230-3-8, 2015**)

### **Research Paper Presented in International Conference**

1. Effect of chromium substitution on structural and magnetic properties of CuFe<sub>2</sub>O<sub>4</sub> nanoparticles prepared by sol-gel auto-combustion method. [on Advances in Material Science, (Online International Conference) organized by Raje Ramrao Mahavidyalaya, Jath, dated 06<sup>th</sup> to 07<sup>th</sup> June 2020).

### **Research Paper Presented in National Conference**

1. Standardization of Ayurvedic medicines with special reference to herbomineral preparations. (**National Conference - Tuljaram Chaturchand College, Baramati-2011**)
2. Facile Knoevenagel and tandem Knoevenagel/Michel reactions using natural surfactants (**National Conference –Current research in Chemical Sciences organized by Shivaji University, Kolhapur-2013**)
3. (**National Conference –Current research in Chemical Sciences organized by Shivaji University, Kolhapur-2015**)
4. Phytochemical screening of *Luffa acutangula* (L.) Roxb. and estimating its anticancer (specially colorectal) and antioxidant activity ((**National Conference on “Emerging trends in chemical and physical sciences” ETCPS 2017**)
5. Agroecoeconomical Studies, Food Processing and Value Addition of *Annona squamosa* (L.) (**National Conference on “Emerging trends in chemical and physical sciences” ETCPS 2017**)

- Biogenic synthesis of lead nanoparticles by *Boswellia saratta* aqueous leaves extract and its characterization (**National Conference on “Emerging trends in chemical and physical sciences” ETCPS 2017**)
- An efficient practical chemo-enzymatic protocol for the synthesis of pyrazoles in aqueous medium at ambient temperature (**National Conference on “Application of chemical and material science for sustainable development” 20<sup>th</sup> Feb., 2016, Department of Chemistry, Shivaji University, Kolhapur**)
- Rhizopus arrhizus mediated enantioselective synthesis of chiral carbinols (**National conference on “Emerging trends in chemical and physical sciences”, 14<sup>th</sup> Feb., 2017, Y. C. Warana Mahavidyalaya, Warananagar, Dist.: Kolhapur**)
- Baker’s yeast as an efficient biocatalyst for regioselective 1,4-conjugate addition of indoles to nitroolefines in aqueous medium. (**National conference on “Emerging trends in chemical and physical sciences”, 14<sup>th</sup> Feb., 2017, Y. C. Warana Mahavidyalaya, Warananagar, Dist.: Kolhapur**)
- Microwave Assisted Efficient Synthesis of Naphtho [1, 3] Oxazine and Chromeno [1, 3] Oxazine in Aqueous Extract of Banana Peel. (**National Conference on “Application of chemical and material science for sustainable development” 07<sup>th</sup> Feb., 2019, Department of Chemistry, Shivaji University, Kolhapur**)

#### As a Reviewer (International Journal)

- Reviewer of “**Chemistry and Biology Interface Journal**” (An official Journal of Indian society of Chemists and Biologists).
- Reviewer of “**Chemical Data Collections Journal**” (Elsevier).

#### Invited Talks

- Invited Speaker for National Conference entitled “**Innovative Trends in Physics and Chemistry**” jointly organized by Department of Physics and Chemistry, Vishvasrao Naik Arts, Commerce and Baba Naik Science Mahavidyalaya, Shirala Dist. Sangli-415408 (MH, India).
- Invited Talk on “**Grahak Suraksha**” in TKIET, Warananagar NSS Camp held at Shirgaon, Tal. Shahuwadi, Dist. Kohlapur. Date: 19 February 2020.

#### Invited Referee

- Invited as a Judge in “**A State Level Science Competition, Sci-STAR 2019**” at Sanjay Ghodawat University, School of Science, dated 8<sup>th</sup> Feb. 2019.

#### Books Edited

Sr. No.	Title	Authors Name	Publisher	Year of Publication
	International Conference special issue entitled “Energy,	<b>Co-editor:</b> Satyanarayan	AIIRJ, ISSN-	

1.	Environment and Ethics in Research” (ICEEE-2019) full length paper Special Issue no. 48	M. Arde	2349-638x	2019
2.	National Conference Abstract Book, entitled “Emergnig trends in chemical and physical sciences” (ETCPS 2017)	<b>Editor in Chief:</b> Satyanarayan M. Arde	Y. C. Warana Mahavidyalaya, Warananagar	2017

### **Orientation/Refresher/Faculty Development Program**

1. Successfully completed **Orientation programme** at Sourashtra University, Rajkot, from **01.12.2014 to 28.12.2014**.
2. Successfully completed **Refresher Course** at Shivaji University, Kolhapur (SPPU, Pune) 2015.
3. Successfully completed **Faculty Development Program at Infosys, Pune** during the period of **20 August 2019 to 28 August 2019**.
4. Successfully completed **Online Refresher Course in Chemistry** dated from **01 September 2019 to 31 December 2019**.
5. Successfully completed online faculty development program entitled “**Modi Lipi**” organized by Ghali College, Gadhinglaj, dated from **20<sup>th</sup> April to 26<sup>th</sup> April**.

### **Participation in International / National / State Conference / Seminar / Workshops**

1. State level History Conference- 20<sup>th</sup> convention, on **12<sup>th</sup> to 13<sup>th</sup> November, 2011** organised by Y. C. Warana Mahavidyalaya, Warananagar.
2. Attended One Day Workshop on ‘Competitive Examination: Nature and Study’ organized by M. H. Shinde Mahavidyalaya, Tisangi, **dated 27<sup>th</sup> December 2011**.
3. Attended one day workshop on API on **09.03.2012** at Y. C. W. M. Warananagar.
4. Attended National Seminar on Advanced Techniques of Teaching and learning in Higher Education on **06.01.2012** at Baba Naik Science Mahavidyalaya, Shirala.
5. Attended ‘One Day Workshop’ on ‘Revised Practical Syllabus In Chemistry at B. Sc. III’, organized by D.A.B.N. Arts and Science College, Chikhali, dated **11<sup>th</sup> August 2012**.
6. Attended National Seminar on ‘Quality of Higher Education and Kakodkar Report’ organized by SUTA, Kolhapur, dated **2<sup>nd</sup> September 2012**.

7. Attended National Conference on 'Recent Trends In Chemistry' organized by Shivaji Arts, Commerce and Science College, Kannad, dated **22<sup>nd</sup> – 23<sup>rd</sup> September, 2012.**
8. Attended One Day Workshop on 'Competitive Examination' organized by S. C. Arts and Commerce College, Malwadi-Kotoli, dated **1<sup>st</sup> October 2012.**
9. Attended One Day Workshop on 'Contribution of Great Scientist and Today's Youth' organized by Arts, Commerce and Science College Asurle-Porle, dated **4<sup>th</sup> March 2013.**
10. Attended One Day Workshop on 'Eradication of Superstitions' organized by Y. C. Warana Mahavidyalaya, Warananagar, dated **24<sup>th</sup> October 2013.**
11. Attended One day Workshop on 'Problems and Challenges to the Lady Sportsman' organized by Y. C. Warana Mahavidyalaya, Warananagar, dated **31<sup>st</sup> December 2013.**
12. National Conference on Current Research in Chemical Sciences (CRCS-2013)", on **22<sup>nd</sup>-23<sup>rd</sup> Jan., 2013,** Organised by Department of Chemistry, Shivaji University, Kolhapur.
13. Attended One Day Workshop on 'Revised Syllabus of Paper XI & XV' organized by Willington College, Sangli, dated **12<sup>th</sup> August 2015.**
14. One day national workshop on "Development of accessible Library for persons with disabilities" on **8<sup>th</sup> January 2020** at Shivaji University, Kolhapur
15. Attended International Conference (Online) on Advances in Material Science, organized by Raje Ramrao Mahavidyalaya, Jath, dated **06<sup>th</sup> to 07<sup>th</sup> June 2020.**
16. Attended International Conference (Online) on "Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World" organized by Government Vidarbha Institute of Science & Humanities, Amravati, India on **15<sup>th</sup> - 17<sup>th</sup> May, 2020.**
17. Attended 03 National Webinar (Online) during lockdown period on different issues organized by different institutions. (March to June 2020)

**Mr. S. M. Arde**