

## Curriculum Vitae

**Name: Dr. Jagannath Vishnu Thombare**

At- Thombarewadi, Post-Achakdani,

Tal- Sangola,

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Pin Code- 413 307

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E-mail: jagannaththombare@gmail.com,

**Date of birth:** 01/06/1988,

**Caste:** NT-C (Hindu-Dhangar)

**Nationality:** Indian



### Office Address:

Vidnyan Mahavidyalaya, Sangola.

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### GENERAL INFORMATION:

1) **Sex:** Male

2) **Marital status:** Married

3) **Blood group:** O +ve

3) **Career Objective:** Research & Teaching

4) **Languages Known:** English, Hindi and Marathi

5) **Hobbies & interests:** Reading, Listening to Music, Playing cricket

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### EDUCATIONAL QUALIFICATION

<b>Exam. Passed</b>	<b>Year of Passing</b>	<b>Board / University</b>	<b>Subject Offered</b>	<b>% of Marks</b>	<b>Remark</b>
Ph.D.#	2014	Shivaji University, Kolhapur	Physics	--	Awarded
M. Sc.	2010	Shivaji University, Kolhapur	Physics	71.54	First class with distinction
B.Sc.*	2008	Solapur University, Solapur	Physics	80.72	First class with distinction
H. Sc.	2005	Pune board	PCMB	60.00	First class

S.S.C.	2003	Pune board	All	68.80	First class
<p><b># Title of Thesis:- <u>EFFECT OF ELECTRON BEAM IRRADIATION ON POLYPYRROLE</u></b></p> <p><b>* First at Sangola center (<u>during academic year 2007-2008</u>)</b></p>					
<p><b>Research Experience:</b></p> <ul style="list-style-type: none"> <li>❖ <b>Research Assistant under DST-PURSE, New Delhi (Sept. <u>2011 to Jan 2014</u>)</b></li> <li>❖ <b>Synthesis of polymer thin films (2014 to date)</b></li> <li>❖ <b>Teaching experience:</b> <ul style="list-style-type: none"> <li>➤ Worked as <b>Assistant Professor</b> at Vidhyavardani Institute of Technology, Pal, Gargoti. (<u>During 26-10-2010 to 31-04-2011</u>)</li> <li>➤ Working as <b>Assistant Professor</b> at Vidnyan Mahavidyalaya, Sangola. (Since 25/09/2014)</li> </ul> </li> </ul>					

❖ **Particulars of Orientation Programme/Refresher courses attended:**

Year	Name of HRDC
2017	Orientation Programme: Jawaharlal Nehru University, New Delhi

❖ **Membership of Academic Bodies:**

1. Life member: Optical Society of India.
2. Life member: Laser Association and Spectroscopy Society in India.
3. Member of Editorial board: Journal of Current Electronics and Telecommunication.

❖ **Organization of Conferences/Workshops:**

1. Secretary: Recent Trends in Nanomaterials and it's applications-2017 jointly organized by Department of Physics and Chemistry, Vidnyan Mahavidyalaya, Sangola.

❖ **Reviewer:**

1. Journal of Materials Science in Semiconductor Processing.
2. Techno-Societal 2016 through *easy chair*.
3. Polymer Bulletin.

❖ List of Publications

A)	Paper Published / Accepted to the cited National / International Journals
<b>2018</b>	
[1]	P.M. Kharade, <b>J.V. Thombare</b> , A.R. Babar, R.N. Bulakhe, S.B. Kulkarni, D.J. Salunkhe, Electrodeposited nanoflakes like hydrophilic Co <sub>3</sub> O <sub>4</sub> as a supercapacitor electrode, Journal of Physics and Chemistry of Solids, 2018 (Accepted), <a href="https://doi.org/10.1016/j.jpics.2018.04.035">https://doi.org/10.1016/j.jpics.2018.04.035</a>
<b>2017</b>	
[2]	R. A. Bugad, T. R. Mane, B. B. Navale, <b>J. V. Thombare</b> , A. R. Babar, B. R. Karche, Structural, morphological and compositional properties of La <sup>3+</sup> substituted Mg–Zn ferrite interlocked nanoparticles by co-precipitation method, J Mater Sci: Mater Electron (2017) 28: 1590.
[3]	P. M. Kharade, <b>J. V. Thombare</b> , S. L. Kadam, S. B. Kulkarni, D. J. Salunkhe, Layered PPy/Cr <sub>2</sub> O <sub>3</sub> as a supercapacitor electrode with improved electrochemical performance, Journal of Materials Science: Materials in Electronics, 28 (2017) 17908
<b>2016</b>	
[4]	P.B. Abhange, V.C. Malvade, S. Chandralingam, <b>J.V. Thombare</b> , S.R. Kokare, The structural, morphological and electrical properties of BaNd <sub>1.96</sub> La <sub>0.04</sub> Ti <sub>3</sub> O <sub>10</sub> ceramic, Materials Letters 175(2016) 161-164
<b>2015</b>	
[5]	<b>J.V. Thombare</b> , G. M. Lohar, S. K. Shinde, S.S. Dhasade, M. C. Rath, V.J. Fulari, Synthesis, characterization and surface wettability study of polypyrrole films: Effect of applied constant current density, Electronic Materials Letters 11(2015)266-270
[6]	S.S. Dhasade, <b>J.V. Thombare</b> , R.S. Gaikwad, S.V. Gaikwad, S.S. Kumbhare, Swati Patil, Copper selenide nanorods grown at room temperature by electrodeposition, Materials Science in Semiconductor Processing, 30(2015)48–55
[7]	<b>J.V. Thombare</b> , V. T. Kambale, V. K. Bansode, G. M. Lohar, S. H. Han, V. J. Fulari, Chemical Synthesis of Polypyrrole Thin Films using Ferric nitrate as an Oxidant, Journal of Shivaji University (Science & Technology) 41 (2), 2014-2015

[8]	V. J. Fulari, U. M. Chougale, A. S. Powar, S. V. Tikone, S. K. Shinde, G. M. Lohar, <b>J. V. Thombare</b> , Synthesis and Characterization of Copper doped Cadmium Sulphide Thin Films by Electrodeposition Method, Journal of Shivaji University (Science & Technology) 41 (2), 2014-2015
[9]	S.S Dhasade, J. S. Patil, <b>J.V Thombare</b> , V. J. Fulari, Studies on Synthesis and Characterization of Copper Sulfide Thin Films, Journal of Shivaji University (Science & Technology) 41 (2), 2014-2015
[10]	G. M. Lohar, <b>J. V. Thombare</b> , S. K. Shinde, U. M. Chougale, V. J. Fulari, Preparation and characterization of iron doped zinc selenide thin film by electrodeposition, Journal of Shivaji University (Science & Technology) 41 (2), 2014-2015
[11]	J. S. Patil, S.S Dhasade, <b>J.V Thombare</b> , V. J. Fulari, Structural, Morphological and Optical Studies of ZnS Thin Films Produced by Electrodeposition Method, Journal of Shivaji University (Science & Technology) 41 (2), 2014-2015
[12]	G.M.Lohar, <b>J.V.Thombare</b> , S.K.Shinde, B.P.Relekar, H.D.Dhaygude, V.J.Fulari, Hydrophilic semconducting micro-chip like Cu doped ZnS thin films grown at room temperature, Materials Science MSAIJ: An Indian Journal 12(2), 2015 [057-062]
<b>2014</b>	
[13]	<b>J. V. Thombare</b> , S. K. Shinde, G. M. Lohar, U. M. Chougale, S. S. Dhasade, H. D. Dhaygude, B. P. Relekar, V. J. Fulari, The optical properties of electrochemically synthesized polypyrrole thin films: Electrolyte effect, Journal of Semiconductor, 35(6) (2014) 063001
[14]	G. M. Lohar, <b>J. V. Thombare</b> , S. K. Shinde, S. H. Han, V. J. Fulari, Structural, photoluminescence and photoelectrochemical cell properties of galvanostatically electrosynthesized ZnSe spheres, J Mater Sci: Mater Electronics 25(2014) 1597-1604
[15]	J.S. Patil, S.S. Dhasade, M.C. Rath, <b>J.V. Thombare</b> , V.J. Fulari, Synthesis of irradiated zinc sulfide nanoflakes for photosensitive study, Materials Science in Semiconductor Processing, 26(2014)144–148
<b>2013</b>	
[16]	<b>J.V. Thombare</b> , M.C. Rath, S.H. Han, V.J. Fulari, Synthesis of hydrophilic polypyrrole thin films by SILAR method, Material Physics and Mechanics, 16 (2013) 118.
[17]	<b>J.V. Thombare</b> , M.C. Rath, S.H. Han, V.J. Fulari, Effects of electron irradiation on optical properties of organic semiconductor polypyrrole, Journal of Semiconductor, 34 (2013) 093001-1

[18]	<b>J.V. Thombare</b> , M.C. Rath, S.H. Han, V.J. Fulari, Influence of monomer concentration on optical properties of electrochemically synthesized polypyrrole thin films, Journal of Semiconductor, 34 (2013)103002-1.
[19]	S.K. Shinde, <b>J.V. Thombare</b> , D.P. Dubal, V.J. Fulari, Electrochemical synthesis of photosensitive nano-nest like CdSe <sub>0.6</sub> Te <sub>0.4</sub> thin films, Applied Surface Science, 282 (2013) 561–565.
[20]	S.S. Dhasade, Swati Patil, M.C. Rath, <b>J.V. Thombare</b> , V.J. Fulari, Synthesis of hibiscus nanopetals like shapes of copper selenide by electron beam irradiation, Materials Letters, 107(2013)265-268
[21]	<b>J. V. Thombare</b> , G. M. Lohar, S. K. Shinde, U. M. Chougale, V. J. Fulari, A. B. Kadam, S. S. Dhasade, M. C. Rath, S. H. Han, Studies on electrochemically synthesized polypyrrole (Ppy) thin films for supercapacitor application, IEEE Xplore Digital Library, 2013
[22]	S. K. Shinde, <b>J. V. Thombare</b> , G. M. Lohar, D. J. Barad, V. J. Fulari, S. S. Shinde, Galvanostatically deposited Cd <sub>0.7</sub> Fe <sub>0.3</sub> Se electrode for solar cell application, IEEE Xplore Digital Library, 2013.
[23]	S. S. Dhasade, A. B. Kadam, <b>J. V. Thombare</b> , V. J. Fulari, Effect of electron beam irradiation on electrodeposited nanostructured copper selenide thin films, IEEE Xplore Digital Library, 2013.
[24]	V. J. Fulari, <b>J. V. Thombare</b> , A. B.Kadam, Chemical oxidative polymerization and characterization of polypyrrole thin films for supercapacitor application, IEEE Xplore Digital Library, 2013.
[25]	U. M. Chougale, <b>J. V. Thombare</b> , V. J. Fulari, A. B. Kadam, Synthesis of polyaniline nanofibres by SILAR method for supercapacitor application, IEEE Xplore Digital Library, 2013.
[26]	G.M. Lohar, <b>J.V.Thombare</b> , S.K. Shinde, V.J.Fulari, S.S. More, Photoelectrochemical cell performance of electrodeposited iron doped zinc selenide thin film, IEEE Xplore Digital Library, 2013.
<b>2012</b>	
[27]	<b>J. V. Thombare</b> , M. C. Rath, S. H. Han, V. J. Fulari, Optical absorption study of electrochemically synthesized polypyrrole (Ppy) thin films, IEEE Xplore Digital Library, 2012.
<b>B)</b>	<b>Oral Presentations</b>
[1]	International Conference on Optical Engineering (ICOE), at

	Vishveshwaraya Technological University, Belgaum, 2012
[2]	International Conference on Energy Efficient Technologies for Sustainability (ICEETS), at St. Xavier Catholic College of Engineering, Nagercoil, 2013.

❖ **Papers Presented/Accepted at National and International Conferences Seminars/Symposia : 50**

<b>Participation/Poster presentation at National/International Conferences/Seminars/Workshops</b>	
[1]	Participation in “ <b>Regional Lecture Workshop on Frontier Topics In Physics- 2007</b> ” at Department of Physics, C. B. Khedgi’s Basaveshwar Science, Raja Vijaysinh Commerce & Raja Jaysinh Arts College, Akkalkot.
[2]	Participation in “ <b>National Science Day-2009</b> ” at Deptt. of Physics, Shivaji University, Kolhapur
[3]	Poster presentation in “ <b>National Seminar on Advanced Material-2010</b> ” at Deptt. of Physics, Shivaji University , Kolhapur.
[4]	Poster presentation in “International Conference on Multifunctional Materials-2010 ( <b>ICMM-2010</b> )”, at Department of Physics, Banaras Hindu University, Varanasi, India.
[5]	Poster presentation in “National Seminar on Physics of Materials and Material Based Device Fabrication-( <b>NSPM-MDF-2011</b> )” at Dept. of Physics, Shivaji University, Kolhapur.
[6]	Poster presentation in “International Conference on Physics of Materials and Materials based Device Fabrication-( <b>ICPM-MDF-2012</b> )” at Dept. of Physics, Shivaji University, Kolhapur.
[7]	Participation in One day workshop on “Research writings, Ethics, Plagiarism and Publishability ( <b>March-2012</b> )” at Shivaji University, Kolhapur.
[8]	Participation in One day workshop on “Transit of Venus ( <b>April-2012</b> )” at Department of Physics, Shivaji University, Kolhapur.
[9]	Poster presentation in “National Seminar on Physics of Materials and Materials based Device Fabrication-( <b>NSPM-MDF-2013</b> )” at Dept. of Physics, Shivaji University, Kolhapur.
[10]	Poster presentation in “2 <sup>nd</sup> International Conference on Physics of Materials and Materials Based Device Fabrication-( <b>ICPM-MDF-</b>

	<b>2014)</b> ” at Department of Physics, Shivaji University, Kolhapur.
[11]	Poster Presentation in Second International Conference on Nanostructured Materials and Nanocomposites ( <b>ICNM-2014</b> ) at Mahatma Gandhi University, Kottayam, Kerala.
[12]	International Conference on Advances in Materials Science ( <b>ICAMS-2016</b> ) organized by Raje Ramrao Mahavidyalaya, Jath on 7 <sup>th</sup> -8 <sup>th</sup> December, 2016.
[13]	Innovative technologies for rural Development and Their Commercialization ( <b>ITRDC-2017</b> ) organised by Sinhgad Institutes, Solapur on 18 <sup>th</sup> to 20 <sup>th</sup> February, 2017.
[14]	One day workshop on <b>syllabus discussion at B.Sc.-I Physics</b> organized by DBF Dayanand College of Arts and Science, Solapur on 9 <sup>th</sup> February, 2017.
[15]	One day workshop on New CBCS pattern for B.Sc.-II Physics organized by Shankarrao Mohite Mahavidyalaya, Akulj on 12 <sup>th</sup> February, 2017
[16]	One day University level workshop on <b>B.Sc.-III Physics CBCS pattern syllabus</b> organized by K. N. Bhise Arts and Commerce college, Kurduwadi on 18 <sup>th</sup> Dec., 2017
[17]	One day University level workshop on <b>B.Sc.-III Physics CBCS pattern syllabus</b> organized by Sangola College, Sangola ( <b>2018</b> )

❖ **Guest Lectures:**

- A Guest Lecture on “*Optics*” at Baburao Patil College of Arts and Science, Anagar, **2016**.
- A Guest Lecture on “*Scanning Electron Microscopy*” at Sangola College, Sangola, **2017**.

❖ **Other Activities**

- Worked as member of “Examination Committee-2014-2015”.
- Worked as member of “Vidnyan Mandal”, since 2014-2015 to till date.
- Worked as “Jr.and Sr. Supervisor” of theory examination of Solapur University, Solapur.
- Worked as “External & Internal Examiner” for practical examination of Solapur University, Solapur.
- Worked as “Chairman, Internal Examination as per CGPA & CBCS Pattern” from 2014-2015 to till date.