

Research publication

| Year | Name of the Teacher | Title of the Paper | Name of the Journal/Proceeding/Edited Books | Volume/Pages | Month & Year of Publication | ISBN/ISSN. No |
|------|---------------------|--|--|-----------------------|-----------------------------|-----------------|
| 1 | Dr. Santosh Kumar | Iridium(III) catalyzed oxidation of toluene and ethyl benzene by cerium(IV) in aqueous acidic medium | Science Direct (J. Mol. Catal) | 304, 101-106 | 2009 | ISSN: 1381-1169 |
| 2 | | Un-catalyzed oxidation of cyclic ketones by Alkaline Hexacyanoferrate (III)-Kinetic evidence for the formation of hydrates. | Reaction Kinetics (Akademiai Kiado, Budapest and Springer) | 95, No.1,153-159 | 2008 | ISSN: 1878-5204 |
| 3 | | Formation of hydrates by asymmetric and cyclic ketones in their oxidation by alkaline hexacyanoferrate (III) | Springer(Transition Met Chem) | 33,167-173 | 2007 | ISSN: 0340-4285 |
| 4 | | Oxidation of hydrates of cyclic ketones by alkaline hexacyanoferrate (III) | Science Direct(J. Mol. Catal) | 261, 282-287 | 2006 | ISSN: 1381-1169 |
| 5 | | Oxidation of cyclic ketones by cerium(IV) in presence of iridium(III) chloride | Science Direct(J. Mol. Catal) | 6075, 1-7 | 2006 | ISSN: 1381-1169 |
| 6 | | Oxidation of some hydroxy acids by alkaline hexacyanoferrate (III) | Oxidation Communication | 28, No 3, 611-620 | 2005 | ISSN: 02094541 |
| 7 | | Oxidation of some hydroxy acids by alkaline hexacyanoferrate(III) catalysed | Indian Science Congress (ISC), 2004 | 1st week of Jan. 2004 | -- | ISSN: 2231-5381 |
| 8 | | Effect of post harvest deterioration on clarification and crystallization process of white sugar manufacturer of Cos 91269 cane variety" | International conference in emerging trends in engg. & tech. ICETET-09 Nagpur, Maharashtra | 16/12/2009 - 18/12/09 | -- | 781-784 |

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| 9 | Dr. Pooja Mehrotra | Effect of post harvest deterioration on clarification and crystallization process of white sugar manufacturer of Cos 91269 cane variety” | International conference in emerging trends in engg. & tech. ICETET-09 Nagpur, Maharashtra | 16/12/2009 - 18/12/09 | -- | 781-784 |
| 10 | | Decay in Juice quality of two prominent sugarcane varieties due to staling during summers in Northern India | SHARKARA National journal | 2005 | -- | -- |
| 11 | | Effect of post harvest deterioration on clarification and crystallization process of white sugar manufacturer of Cos 91269 cane variety” | ICETET – 09 international conference | 2009 | -- | -- |
| 12 | | Effect of maturity on different parameters of cane juice of varieties CoS91269 and | International Journal of Research and development” | | 2013 | ISSN:2279-073X Vol. 1 |
| 13 | | Electronically Operated Anti-Snoring Pillow | ICSCS – 10 an international conference and published in IEEE proceeding year 2010. | | 2010 | |
| 14 | Prof. Shubhangi Satdeve | Improvement in property matrix by reinforcement of CaCO ₃ in high density | National conference in Recent trends in organic chemistry Pune, Maharashtra | 26-30 January 2011-12 | | |
| 15 | | Engineering applications and toxicity of Lead | National conference in Innovations in Engg. & technology Gondia, Maharashtra | 15-16 March 2007 | | |
| 16 | Prof. Praveen Jangade | Solid state synthesis and characterization of calcium modified lead titanate ceramics | International Journal of Multidisciplinary Research and Advances in Engineering (IJMRAE), Vol. 1, No. 1, Nov 2009, pp 115 – 123. | | | |

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| 17 | Prof. Kirti Jangade | Solid state synthesis and characterization of calcium modified lead titanate ceramics | International Journal of Multidisciplinary Research and Advances in Engineering (IJMRAE), Vol. 1, No. I, Nov 2009, pp 115 – 123. | | | |
| 18 | Prof. Amita Rathod | “Challenges to Diffusion of small wind turbines in India” | RPG-13, organized by IET at Beijing, China during | 9-11 sept. 2013 | 2013 | 978-1-84919-758-8 |
| 19 | Ms. Archana Kakde, Ms. Manisha Waje | Electronically Operated Anti-snoring Pillow using Cam Follower Technique | Int. Con.on Comp. Sc.& Info.Tech(IEEE ICCSIT- 11), International. | 10-12 June 2011 | | |
| 20 | | Mobile operated Anti snoring | ICECS-2009 Dubai,UAE | 2009-2010 | | 441-444 |
| 21 | | Effect of post harvest deterioration on clarification and crystallization process of white sugar manufacturer of Cos 91269 cane variety” | International conference in emerging trends in engg. & tech. ICETET-09 Nagpur, Maharashtra | 16/12/2009 - 18/12/09 | -- | 781-784 |
| 22 | | Health and safety: Battery leakage leads to fire | Int.Conf.onChem,Bio-Che. &Envi.Sc. (ICBEE’2012) Singapore | 14-15 Dec.2012 | | 35-37 |
| 23 | | Accident Controlling System by Controlling Head lights | ICETIC-06,CivilEngg. Trends, Issues &Challenges UGC-Sponsored, National. | 10-11Mar2006 | | |
| 24 | | Bayesian Net. for Storage & Search of Text Files | Co-author ICENCO-04 IEEE3rdComp. Engg. Mr. Hunchate-Auth,Internationa | 27-30 Dec 2004 | | |
| 25 | | Electronically Operated Anti-snoring Pillow | MIME2011 ‘Int. Con. on Mechanical, Ind.& Manu Eng. International. | 15-16 Jan2011 | | |
| 26 | | Energy generation by Piezo-electric material ZnO | NC-RDME-2013 | 2013-14 | | |
| 27 | | Generation of electricity from LED lamp by using solar PV | NC-RDME-2013 | 2013-14 | | |

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| 28 | A Th. study of non Fermi liquid behavior and quantum critically in u | | | | | |
| 29 | A Th. study of pressure induced nonFermi liquid behavior of small d&f electron metal and analysis of electron specific heat data C/T&Delta C/T | | | | | |