

## Session 2013-14

### Publication in National & International Journal of Staff member

Sr. No.	Name of staff member	Title of paper	National Journals	International Journals	Year
1	Prof. N. K.Ashtankar	Bianchi Type I Bulk Viscous Barotropic Fluid Cosmological Model with Varying $\Lambda$ and Functional Relation on Hubble Parameter in Self-Creation Theory of Gravitation		American Journal of Modern Physics Volume 2, Issue 5, September 2013, Pages: 264-269	2013
2	Prof. Dr. A.N.Gupta	Synthesis, semiconducting behavior and thermal study of terpolymeric resin derived from p-hydroxyacetophenone, resorcinol and glycerol		Arch. Appl. Sci. Res. 5 (6), 88-95	2013
		Thermal degradation and kinetic study of terpolymer resin-I derived from p-hydroxybenzaldehyde, succinic acid and ethylene glycol		Der Pharmacia Lettre 5 (2), 105-112	2013
		Chelation Ion-Exchange Properties of terpolymer resin-I derived from p-hydroxybenzaldehyde, terephthalic acid and ethylene glycol		Arch. Appl. Sci. Res. 5 (2), 89-97	2013
3	Prof. Dr. M. V. Joshi	Efficient Photocatalytic Hydrogen Generation by Silica Supported and Platinum Promoted Titanium Dioxide		Materials Research Bulletin 48 (2013) 3545-3552 (IF=2.435)	2013
		Photocatalytic water splitting on Au/TiO <sub>2</sub> nanocomposites synthesized through various routes:		Applied Catalysis B: Environmental 142-143 (2013) 684-	2013

		Enhancement in photocatalytic activity due to SPR effect		693 (IF=8.328)	
4	Prof. M. V. Takarkhede	A Transition From Relaxor To Normal Ferroelectric: An Overview		International Journal of Engineering Research & Technology (IJERT) Vol. 2 Issue 4, April - 2013	2013
		A Comparative Study of Dielectric Properties of PMN and 0.7PMN-0.3PZN Ceramic		International Journal of Engineering Research & Technology (IJERT) Vol. 2 Issue 11, November – 2013 (IF: 1.76))	2013
		Effect of sintering temperature on complex optical properties of 0.8(PbMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> )–0.2(PbTiO <sub>3</sub> ) system		Ceramics International, Volume 42, Issue 1, Part B, January 2016, Pages 1021-1025 (IF:2.746)	2013
5	Prof. U. V. Rathod	Preparation of Ni-Zn Substituted on Barium and Cobalt Ferrites		International Journal of Physics and Applications. Volume 5, Number 2 (2013), pp. 91-97	Nov-2013

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### National, International Conferences, Seminar, Symposium, Workshop, FDP, STTP, SDP of Staff members

Sr. No.	Name of staff member	Title of paper	National Conference	International Conference	Seminar, Symposium, Workshop, FDP,STTP, SDP	Venue & Date
1	Prof. N. V. Pradnyakar				FDP on teaching aids (FDP)	May 2014, <b>JSTTP DCOEM, Nagpur.</b>
2	Prof. U. V. Rathod				Research Methodology in Engineering & Technology (Workshop)	YCC, Nagpur: 17 June 2013 to 22 <sup>nd</sup> June 2013
					Advances in Embedded System and VLSI Design (FDP)	Oct 17-30; 2013, DBACER, Nagpur
					Application of Mathematics and Stress management in Daily Life (Workshop)	Oct 21; 2013, DBACER, Nagpur
				Application of Advanced Materials for Sustainable Development		Jan 17-18,2014, Dr. Ambedkar College, Nagpur
						Application Oriented Microcontrolar (Workshop)
3	Prof. N. K.Ashtankar			International Conference on Recent Advances in Mathematics		Jan 20-23,2014, Dept. of Mathematics, RTMNU, Nagpur
			Recent Trends in Mathematical			Oct.29, 2013, Arts, Commerce

			Sciences (NCRTMS- 2013)			and Science College , Koradi, Nagpur
4	Prof. M.V.Takarkhede		National Conference on advanced Research Treads in Sciences- 2013			Jan. 18-19, 2013, GHRCE, Nagpur
5	Prof. A. A. Dave				One Day Faculty Development Programme held for Polytechnic Teacher (FDP)	2014, Jan. 19 <sup>th</sup> , NIT Nagpur
6	Prof. Sagar S. Kathalkar				Dale Carnegie Traning Seminar.	17-19 AUG 2013
					Advance Computational method in science and engg. VNIT NAGPUR (STTP)	13-9-2013 VNIT NAGPUR
					Open Source learing Tools(Workshop)	DBACER Nagpur 18-20 DEC 2013
					APPLICATION OF MATHEMATICS AND STRESS MANAGEMENT IN DAILY LIFE (Workshop)	DBACER Nagpur 21 oct 2013

