



Faculty Profile

1. Name : DR. SEEMA DHARMA MESHARAM
2. Address (residential) : 2, Prabhu Colony Amravati
3. Phone No. / Cell No. : 0721-2541509, 8087881297
4. E-mail : seemameshra@gmail.com
5. Designation : Assistant Professor
6. Department : PHYSICS
7. Date of birth : 28/10/1970
8. Academic qualification

Examination passed	Board/ University	Subject/ Specialization	Year of passing	Percentage of Marks	Division
U .G	Nagpur University , Nagpur	Phy./Mth/Chem	1991	61	I
P.G	Nagpur University , Nagpur	Solid State Physics and Digital electronics	1993	57.58	II
Ph. D	S.G.B. Amravati University Amravati	Polymer Composites	2010		
Any other	M.S. Board of Vocational Exam Mumbai	C.C.I.T.	2001	87	I

9. Teaching Experience: **30 Years**

Courses Taught	Name of the University/ College/ Institution	Duration
U.G	Bar. Ramrao Deshmukh Arts, Smt. Indiraji Kapadia Commerce & Nya. Krishnarao Deshmukh Science College, Badnera Dist. Amravati.	25/11/1993 to 25/11/2022

10. Research Paper published in Journals (with citation index and impact factor)

S. No.	Title with page No's	Journal	ISSN/ ISBN No.	Whether peer reviewed Impact Factor, if any
1	Band gap determination of PVC-Charcoal composite thin films,477-482	Acta Ciencia,India,Vol.XXXI I,No.,4 ,2004	0253-732X	
2	Thermally stimulated discharge conductivity in polymer composite thin films, 413-416	Bulletin of Materials Science	0250-4707	1.13
3	Structural characterization and thermally stimulated discharge conductivity (TSDC) study in polymer thin films Vol. 30 No. 2, April 2007	Bulletin of Materials Science	0250-4707	1.13
4	Mechanical Properties & Morphology of Non-degraded, bio- degraded& UV irradiated starch-filled LDPE thin films , 819-834	International Journal of Plastics Technology	0972-656X	
5	Mechanical Properties &Biodegradability of LDPE & Wood flour filled LDPE thin films 877-893	International Journal of Plastics Technology	0972-656X	
6	Ultra-Violet Weathering of LDPE &Wood Flour filled LDPE thin films 563-575	Journal of Polymer Materials	00914037	1.87
7	Biodegradability & photodegradability of starch filled LDPE thin films,p 361-380	Journal of Polymer Materials	00914037	1.87
8	Effect of coupling agent on mechanical properties and photodegradability of HDPE-JUTE fiber composites, 2(3), 2012, 340-344. ,	Scientific reviews and chemical communication		
9	Ultraviolet Weathering of PVC and Wood Flour filled PVC Composite Thin Films,Special issue 306-311	International Journal of Basic and Applied Research.	2249-3352.	
10	Tensile Properties of natural fiber reinforced polymer composites Special Vol. (96 – 101) .	International Journal of Basic and Applied Research	2249-3352,	

11	Synthesis and characterization of lead oxide nanoparticles	International journal of chemical and physical sciences. Vol-4 special issue- NCSC Jan.2015	2319-6602	I.F. 1.81
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11. A. Seminars/ Conferences/ Symposia/ Workshop attended

Sr. No.	Name of the Seminar/ Conference/ Symposia / Workshop etc.	Level	Place and Name of the Sponsoring Agency	Place and Date	Paper Presented/ Published
1	National Conference on LASERS and their Applications (NCOLA-2004)	National	Department of physics, Amravati Uni. Amt. UGC	January 28-30, 2004,	
2	International Conference on Relativity (ICR-2005),	International	Department of Mathematics ,Amravati Uni. Amt. UGC	January 11-14, 2005	
3	92 nd Section of Material Science : Indian Science Congress, Ahmedabad,	International	Indian Science congress Association	January 3-7, 2005.	Anomalous behaviour of DC electrical conductivity of PVC-carbon composites.
4	National Conference on Recent Advances in Materials Science,	National	Department of Physics, Dr. Ambdekar College, Deekshabhoomi UGC	21-22, January, 2006.	Characterization of electrical conductivity of Naphthalene doped polymethyl-methacrylate thin films
5	National Conference on Recent Advances in Materials Science,	National	Department of Physics, Dr. Ambdekar College, Deekshabhoomi UGC	21-22, January, 2006.	Thermally stimulated discharge conductivity in PMMA-Activated charcoal composite thin films.
6	National Conference on Luminescence and its Applications (NCLA-2006) ,	National	Sant Gadge Baba Amravati University, Amravati. UGC	7-9, February 2006	

7	Workshop on Protection of Intellectual Property : Emerging Scenario,	State	Prof.Ram Meghe Institute of Technology and Research, Badnera, Amravati.	March 25, 2006,	
8	94 th Indian Science Congress,	National	Annamalai University, Annamalinagar, Chidambaran.	January 3-7, 2007,	Structural characterization and thermally stimulated discharge conductivity (TSDC) study in polymer thin films.
9	UGC Sponsored National Level Seminar on the Relevance of Dr. Babasaheb Ambedkar's Philosophy in the 21 st century of India. Shri.	National	Shivaji College of Art's, Commerce and Science, Akola. UGC	March 31, 2008,	
10	A Workshop on Pure Physics Curricula in Contemporary Universities : Challenges and Innovation and Convention of Physics Teachers, ,	State	Vidya Bharti Mahavidyalaya, Amravati. UGC	April 26, 2009	
11	UGC sponsored State level seminar on recent development in relativity,	State	Department of Mathematics, Mahatma Fuley Mahavidyalaya, Warud, UGC	Dec.,18,2009	Study of various properties of flyash filled LDPE composite thin films.
12	UGC sponsored State level conference on Women's role in conservation of Environment,	State	S.S.S.K.R. Innani Mahavidyalaya, Karanja Lad. UGC	December, 30, 2009.	Degradable polymer composite for controlling environmental pollution.

13	National conference on material science : Trends and future,	National	Department of Physics, Vidya Bharti Mahavidyalaya Amravati, UGC	January, 6-7, 2010.	Mechanical properties and morphology of LDPE and flyash filled LDPE composite thin films.
14	International conference on advancement in polymeric material, LARPM,.CIPET, Bhubaneswar,	International	LARPEM, CIPET, Bhubaneswar	, February, 20-22, 2010.	XRD, FTIR spectramechanical properties and morphology of LDPE andflyash filledLDPEcompositethin films.
15	National workshop on advances.in Instrumental. Techniques (NWAIT). ,	National	Shri.Shivaji Science College , Amravati. UGC	14 th and 16 th October 2010.	
16	UGC Sponcered Two day Interdisciplinary International Buddhist Conference on Relevance of Buddhism in Present Era.	International	Buddhist studies Centre , Ramkrushna Mahavidyalaya, Darapur. UGC	11 th and 12 th March, 2011	Scientific Approach and Buddhism.,
17	A Seminar on Current Challenges in Physics Education and Annual Convention of AUPTA,	National	Shri Shivaji Science College, Amravati.	April, 25, 2010,	
18	Second International Buddhist Conference on Perspective's on Engaged Buddhism, , Deshpande Hall, Near Amdar Nivas, Nagpur.	International		April, 17-18, 2010	

19	UGC Sponcered Two days International Interdisciplinary conference on Women Empowerment, Ramkrushna Mahavidyalaya, Darapur.	Internati onal	Ramkrushna Mahavidyalaya, Darapur. UGC	25 th and 26 th Nov.2011	
20	National seminar on current Trends in Material Science (NSCTMS-2011),	National	Department OF Physics , Shri. R. G. Rathod Arts & Science college , Murtizapur.	December 3, 2011	
21	National seminar on Status of Biodiversity in India,	National	Department of Botany R.D.I.K.K.D. College'Badnera in collaboration with Indian Science Congress Associat ion, KolKata. UGC	10-11 December 2011.	USE OF Natural Plant fiber plastic composites for controlling Environmental Pollution
22	National conference on role of Basic Sciences in Emerging Industrial Scenario,	National	Organized by department of Engineering Sciences.& ISTE,PRIMIT &R Chapter, U	8 th April 2012.	Effect of coupling agent on mechanical properties and photodegradabili ty of HDPE- JUTE fiber composites .
23	National conference on Recent Trends in Physics (NCRTP 2012).	National	Organized by Mungsaji Maharaj Mahavidyalaya Darwha. UGC	26-27 OCT.,2012	Ultraviolet Weathering of PVC and Wood Flour filled PVC Composite Thin Films.
24	National conference on material science : Trends and future2014,	National	Department of Physics, Bhartiya Mahavidyalaya, Amravati, in collaboration with UPTA, Amt.	10 th and 11 th January 2014	Tensile Properties of natural fiber reinforced polymer composites

12. Research Projects Completed / Ongoing: (01)

Sr. No.	Title of the Project	Name of the funding agency	Period
1.	Study of Various Properties of Some Natural–Fiber Reinforced Wood Plastic Composites	UGC : File No.471697/10(W.R.O.) Dated 16/03/2011	Period: 16/03/2011 to 16.03.2013

13. Membership of Academic Organizations: NUTA, AUPTA, ISC

14. Role in university activities : Paper setting Valuation, Redressal.

Dr.S. D. MESHRAM

Assistant professor

Date : 11-01-2022