



**Name** : Dr Ragini Nilesh Pathare (Dhokne)  
**Qualification** : M.Sc. B. Ed. Ph. D  
**Designation** : Assistance Professor  
**College** : M F A, C & S C Science Mahavidyalaya, Warud  
**Address** : C/o Nilesh Pathare Plot no 16 Shree Appt Dipkamal Society Manewad Besa Road Nagpur  
**Cell No.** : 9011084356  
**E-Mail** : raginidhokne@gmail.com  
**Date of Birth** : 29/06/1980  
**Nationality** : Indian  
**Academic qualification Detail** :

Exam passed	College/Institute	Board/University	Subjects/ Specialization	Year of Passing	Division
SSC	V N H Jarud Tal Warud Dist Amravati	Amravti Board	Eng, Math, Science, Soci. Sci	1995	I
HSSC	M F M Warud Tal Warud Dist Amravati	Amravti Board	Phy, Chem, Math, Bio	1997	II
B.Sc.	M F M Warud	Amravati University	Phy, Math Ele	2000	Distinction
M.Sc. (Physics)	G V I S H Amravati	S G B Amravati	Comm. Electronics	2002	I
Ph. D.	G V I S H Amravati	S G B Amravati		20 Feb 2008	

**Experience: Teaching** : UG- 16yrs. PG- 05 yrs.

**Research** : 11 yrs.

**Ph.D. Thesis title** : Characterization and Thermally Stimulated Discharge Conductivity (TSDC) Study of Naphthalene Doped Polystyrene (PS) and Polymethyle- Methacrylate (PMMA)

**Patent Details**

**Title of invention:-** “Process for Preparation of Naphthalene Doped Polystyrene Packaging Material” Published on IPR Journal Dated 05/10/2012.  
Patent No :- 291615 Application No :- 2501/MUM/2012

**Ph.D. Supervisor** : R T M N University Nagpur

**Area of Research** : Polymer Composite

**Ph.D/M.Phil Guidance** : 02

**Ph D. Awarded** : 01

**Papers Published** : 12

**Papers Presented** : 13

**Book Published** : Nil

**Articles Published** :

**Invited Talk & Guest lectures** : 03

**Conference/Workshop Attended** : 24

**Research Projects completed** : Nil

Minor research project :

Major research project :

**Position Held** :

**Awards/Scholarships** : Ekalvya Scholarship by Govt. of Maharashtra in M.Sc I, II year (2000-01, 2001-02).

**Works on Various University Committees:**

Sr.No	Session	Purpose	Venue
1	Chairman Vice Chancellor's nominee	Ph D Viva Voce Nominee	North Maharashtra University Jalgaon 22/11/2013
2	Chairman Vice Chancellor's nominee	Ph D Viva Voce Nominee	North Maharashtra University Jalgaon

25/07/2015

**RESEARCH PROFILE****1. Research Papers published in journals:**

<b>Sr. No.</b>	<b>Title</b>	<b>Name of the Authors as mentioned in paper</b>	<b>Journal, Vol. No., Page No., Year</b>	<b>Impact Factor</b>	<b>ISSN No.</b>
1	Characterization of nanocrystalline condmium telluride thin films grown by successive ionic layer adsorption and reaction (SILAR) method	AU Ubale, RJ Dhokne, PS Chikhlikar, VS Sangawar, DK Kulkarni	Bull Mater Sci., Vol 29, No. 2, 2006, pp165-168	Impact Factor 1.24 No. of Citation 32 Springer Publisher	0250-4707 (print)
2	Structural characterization and thermally stimulated discharge conductivity (TSDC) study in polymer thin films.	VS Sangawar, RJ Dhokne, AU Ubale, PS Chikhalikar, SD Meshram	Bull. Mater Sci. Vol. 30, No.2, 2007, 163-167	Impact Factor 1.24 No. of Citation 37 Springer Publisher	0250-4707 (print)
3	Thermally stimulated discharge conductivity in polymer composite thin films.	VS Sangawar, PS Chikhalikar, RJ Dhokne, AU Ubale, SD Meshram	Bull. Mater. Sci. Vol 29, No. 4, 2006, 413-416	Impact Factor 1.24 No. of Citation 20 Springer Publisher	0250-4707 (print)
4	Biodegradability and Photodegradability of Starch Filled LDPE Thin Film.	VS Sangawar, SD Meshram, PS Chikhalikar, RJ Dhokne, VS Thool, .	Journal of Polymer Material Vol 26, No. 4, 2009, 361-380	Impact Factor 0.33 No. of Citation 2 MD Publication Pvt. Ltd. Source of Publication Web of Science SCI (Science citation Index	0973-8622.
5	Structural properties and temperature dependence dielectric properties of PVA-Al <sub>2</sub> O <sub>3</sub> composite thin films	S More, R Dhokne, S Moharil	Polym. Bull. DOI 10.1007/s00289-017-2069-0	Impact factor 1.371, No of Citation 11 Publisher Springer-2017 online 19 May 2017	0170-0839 (Print) 1436-2449 (Online)

6	Dielectric relaxation and electric modulus of polyvinyl alcohol–Zinc oxide composite films	Ragini Dhokne	Mater.Res. Express 4 (2017) 055302 <a href="https://doi.org/10.1088/2053-1591/aa6b26">https://doi.org/10.1088/2053-1591/aa6b26</a>	Impact factor 0.968 No of Citation 06 IOP Science Publishing	2053-1591
7	Study on Structural Characterization and Dielectric Properties of PVA-TiO <sub>2</sub> Composite	S S MORE, R J Dhokane and S V Mohril	IOSR Journal of Applied Physics (IOSR-JAP) e-ISSN: 2278-4861. Volume 8, Issue 3 Ver. III	No of Citation 06	2278-4161
8	Structural and dielectric relaxation study of polyvinyl-alcohol titanium dioxide composite films	R Dhokne, S More, N Pathare	AIP Conference Proceedings 2104, 020030 (2019); <a href="https://doi.org/10.1063/1.5100398">https://doi.org/10.1063/1.5100398</a>		0094-243X
9	Structural characterization and electrical conductivity of naphthalene doped polyblend.	R J Dhokne, V S Sangawar, P S Chikhalikar, V S Thool, A U Ubale	Indian Journal of Physics 82(10) 1309-1318, 2008	Impact Factor 1.16	0973-1458 (print version) ISSN: 0974-9845 (electronic version)
10	Ultra-violet weathering of LPDE and Wood floor filled LDPE thin films.	VS Sangawar, SD Meshram, PS Chikhalikar, RJ Dhokne, VS Thool	Journal of Polymer Material Vol 25 (4) Dec 2008, 563-575	Impact Factor 0.33 No. of Citation Nil MD Publication Pvt. Ltd. Source of Publication Web of Science SCI (Science	0973-8622.

				citation Index)	
11	Mechanical properties and morphology of non degraded, Biodegradeand UV irradiated starch filled LDPE thin films	R J Dhokne	International Journal of Plastics Technology Vol 11 Aug 2007 819-834		0972-656X
12	Bandgap determination of PVC-charcoal composite thin film from UV measurements	VS Sangawar, PS Chikhalikar, RJ Dhokne, AU Ubale, SD Meshram	Acta Ciencia Indica Vol XXXII P.No.4, 477-482 (2006)		

**2. Full papers in conference proceedings:**

Sr. No.	Name of Conference	Level	Title of Paper	Name of Authors as mentioned in paper	Place & Date	ISSN / ISBN No.
1	92nd Indian Science at Ahmedabad	National	Anomalous Behaviour of DC electrical conductivity of PVC-carbon composites.	R J Dhokne	Jan 3-7, 2005	
2	National Conference on Recent Advances in Material Science at Department of Physics Dr Ambedkar College, Deekshabhoomi, Nagpur	National	Characterization and Electrical conductivity of naphthalene doped polymethyl-methacrylate thin films	R J Dhokne	21-22, Jan, 2006	
3	National Conference on Recent Advances in Material Science at Department of Physics Dr Ambedkar College, Deekshabhoomi, Nagpur	National	Thermally stimulated discharge conductivity in PMMA- activated charcoal composite thin films.	R J Dhokne	21-22, Jan, 2006	
4	International Conference on Advanced and Applications, Department of	Internati onal	X-RD, IR and TSDC study of naphthalene doped polyblend (PS:PMMA) thin films.	R J Dhokne		

	Physics, Shivaji University, Kolhapur 2007					
5	National Conference on Physics of Semiconductor Devices and Smart Materials (NC-PSDSM-07), Department of Physics, Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai	National	Photovoltaic Properties of polyaniline- based schottky cells	R J Dhokne		
6	Proceedings of National Conference on Physics of Semiconductor Devices and Smart Materials (NC-PSDSM-07), Department of Physics, Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai	National	Mechanical properties and Morphology of Non-degraded, Bio-degraded and UV irradiated starch-filled LDPE thin films. Mumbai	R J Dhokne		
7	100th Indian Science Congress Kolkata University Kolkata	National	Optical Characterization of Naphthalene doped PMMA thin film.	R J Dhokne	3-5 Jan 2011	
8	Dr Babasaheb Ambedkar Technology University Lonere	International	Study of AC Electrical conductivity of PVA-TiO <sub>2</sub> Doped polymer films. International conference on Computer, Electrical & Electronics Engineering IETE Cynosure-2013		Dec 26th-27th, 2013	
9	National Conference on Recent Innovation	National	Study of Structural and Electrical of Polyviny Alcohol	R J Dhokne	18th - 19th March	

Curriculum Vitae

	In Science, Engineering held at G H Raison Institute of Engineering and Technology for Women, Nagpur		TiO <sub>2</sub> Doped thin films. and Technology		2016	
10	2nd National Conference on “Recent Innovations in Science Engineering & Technology” NCRASET-2017	National	Dielectric relaxation and electric modulus study of PVA/ZnO composite films.	R J Dhokne		ISBN 978-935268-408-3
11	3rd National Conference on Recent Innovations in Science Engineering and Technology GHRIET, Nagpur	National	Study on structural properties and AC electrical conductivity of Poly-vinyl alcohol-Zinc oxide composite films.	R J Dhokne	22 March 2018	
12	International conference on Multidimensional Role of Basic Science in Advanced Technology held at at K D K college of Engineering, Nagpur	International	Structural & dielectric relaxation study of Polyvinyl alcohol-Titanium dioxide composite films	R J Dhokne	14th to 15th December 2018	978-93-88708-07-4
13	ICAPCM 2020 RTMNU Nagpur	International	Structural and Electrical Properties of Polyvinyl Alcohol-TiO <sub>2</sub> Doped Thin Films	R N Pathare	13-16 Feb 2020	

**3. Papers presented in Conference / Seminar / Symposia / Workshop:**

Sr. No.	Title of the paper	Title of the Event	Level	Organizer & Date	Mode of Presentation (Oral/Poster)
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1					
2					
3					

**4. Conference / Seminar / Symposia / Workshop Attended :**

<b>Sr. No.</b>	<b>Theme</b>	<b>Level</b>	<b>Date</b>	<b>Organizer</b>
1	Curriculum Development Program for subject Applied Physics and Advanced Engg Materials	National	18th June 2019	Cummins College of Engineering for Women, Nagpur
2	Python Workshop	National	22 Jun 2019	Teaching Learning Center at IIT Bombay
3	Moodle Learning Management System	National	15 March 2019	Teaching Learning Center at IIT Bombay
4	NPTEL Faculty Development Program online course Structural Analysis of Nanomaterial	National	Aug- Sept 2018 (Four week course)	IIT, Roorke
5	Short Term Course on Advance in Optical Fiber Communication Technology	National	5-9 March 2018	NITTTR Chandigarh
6	AICTE sponsored Faculty Development Program on The Multidisciplinary Nature of Environment, Environmental Ethics and Issues	National	07/11/2017 to 16/11/2017	G H Rasoni Institute of Engineering and Technology Nagpur
7	Short Term Training Program (STTP) on Materials Synthesis to Diverse Applications (MSDA-2013)	National	9-13 Dec 2013	VNIT, Nagpur
8	Attended Workshop on Advance Physics syllabus design	National	4th Feb 2013.	Suryodaya College of Engg Nagpur
9	Attended Workshop on Advance Characterization Techniques	National	3 rd May 2012	Dept of Metallurgical Engg and Material Science, IIT Bombay
10	Attended Workshop on Research Methodology	National	07-09 Dec 2011.	G H Rasoni Institute of Engineering and Technology Nagpur
11	Workshop on Scope & Limitations of B.Sc. III (Physics) Syllabus.	National	30th Jan 2005	Department of Physics, Amravati University, Amravati

**5. Invited lectures & Session chairmanship :**

<b>Sr. No.</b>	<b>Topic</b>	<b>Title of Conference/ Seminar</b>	<b>Venue</b>	<b>Level</b>
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1	Awareness about Intellectual Property Rights	Workshop on Research Methodology	G H Raisoni Institute of Engineering and Technology Nagpur	National
2	Campus Web programme	National Paper Presentation and Technical Event	Suryodaya College of Engineering and Technology	National
3	Awareness about Intellectual Property Rights	Workshop on Research Methodology	G H Raisoni Polytechnic Nagpur	National

**6. Year wise Research Guidance:**

Sr. No.	Year	Degree (M. Phil./Ph.D.)	No. of students		
			Enrolled	Awarded	Submitted
1	2014-15	Ph D			01
2	2015-16	Ph D	02		
3					

**7. Research Projects ( Minor / Small Grants ) :**

Sr. No	Title	Major/ Minor	Funding Agency	Period	Amount Sanctioned	Sanctioned Letter No.	Status
1							

**8. Training Courses, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programmes (not less than one week duration)**

Sr. No.	Programme	Duration	Organized by
1	Guru-Dakshata Faculty Induction Programmes	27/07/2020 to 25/08/2020	HRDC Gujarat University, Ahmedabad
2	NPTEL Faculty Development Program online course Structural Analysis of Nanomaterial	Aug- Sept 2018 (Four week course)	IIT, Roorke
3	Short Term Course on Advance in Optical Fiber Communication Technology	5-9 March 2018	NITTTR Chandigarh

4	AICTE sponsored Faculty Development Program on The Multidisciplinary Nature of Environment, Environmental Ethics and Issues	07/11/2017 to 16/11/2017	G H Raisonni Institute of Engineering and Technology Nagpur
5	Short Term Training Program (STTP) on Materials Synthesis to Diverse Applications (MSDA-2013)	9-13 Dec 2013	VNIT, Nagpur

**9. Book Published:**

Sr. No.	Title & Page No.	Authors	Type of Book	Publisher	ISSN/ISBN No.	No. of Co-authors
1						
2						

**10. Editorial Board Member:**

Sr. No.	Title & Page No.	Type of Book	Publisher	ISSN/ISBN No.	No. of Co-authors
1	International Journal of Innovations in Engineering and Science	Journal	Innovative Scientific Publication, India	2456-3463	
2					

**11. Articles / Chapters published in Book :**

Sr. No.	Title & Page No.	Book Title, Editor & Publisher	ISSN/ISBN No.	Authors	Whether main author
1					
2					

**12. Events Organized:**

Sr. No.	Events	Level	Funded by	Date	Position
1					
2					

3					
4					
5					

**13. Special Achievement:**

**14. Other Memberships:**

1. Indian Science Congress, Kolkata.
2. Indian Society for Technical Education,
3. Physical Society of India, Amravati.
4. Old Vidarbhan Alumni Association, Amravati