

Curriculum Vitae



Name : Dr.Reena Y.Bakale

Qualification : M.Sc. Ph.D.

Designation : Assistant Professor

College : Mahatma Fule Arts, Commerce & Sitaramji Chaudhari
Science Mahavidyalaya, Warud, Dist. Amravati-444906.

Address : C/O Dr.G.V Bakale,At.Post:Shdurjana Ghatt,Tq:Warud
Dist Amravati.

Cell No. : 8055894696

E-Mail : reenagulalkari123@rediffmail.com

Date of Birth : 08-04-1977

Nationality : Indian

Academic Qualification Details :

Examination passed	College/ Institute	Board/ University	Subject/ Specialization	Year of passing	Division/G rade
S.S.C.	Nutan Kannya Shala,Amravati.	Divisional Board Nagpur	Maths, Science, Social Science, English, Marathi	1993	I
H.S.S.C. (10+2)	Nutan Kannya Jr.College, Amravati.	Divisional Board Nagpur	Maths, Science, Social Science, English, Marathi	1995	II
B.Sc.	S.S.Sc College Amravati	Amravati University	Physics, Maths, Computer Science	1998	I
M.Sc.	S.S.Sc College Amravati	SGB Amravati University	Physics	2000	I
Ph.D.	S.S.Sc. College Amravati	SGB. Amravati University	Physics	2008 submitted	2011 Awarded

Curriculum Vitae

Experience: Teaching : UG: 16 Yrs PG: 04 Yrs

Research : 05 Yrs

Ph.D. Thesis Title : Dielectric, Electric & Optical Properties Of Some Polymeric Blends

Ph.D. Supervisor : Dr.V.S.Deogaonkar

Area of Research : Polymer

Ph.D/M.Phil Guidance : Nil

Paper Published : 08

Paper Presented : International 09 National 11

Book Published : Nil

Articles Published :--

Invited Talk & Guest Lectures : Nil

Conference/Workshop Attended : International 09 National 11

Research Project Completed :

Minor Research Project : 00

Major Research Project : 00

Position Held :--Nil

Awards/Scholarships :--Nil

Works on Various University Committees: Nil

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

Sr. No	Title	Name of Authors as mentioned in paper	Journal, Vol. No., Page No. Year	Impact Factor if any	ISSN/ ISBN No.
1.	Thermally Stimulated discharge current (TSDC) of thermoelectret of Polyvinyl chloride (PVC)-Polymethyl methacrylate(PMMA)Blend Film doped with Polyaniline	R S Gulalkari Y G Bakale D K Burghate V S Deogaonkar	ACTA CIENCIA INDICA Vol.XXXII P.No.4,429(2006)		(ISSN 0253- 732X)
2.	Electrical Conduction Mechanism of Polyvinyl chloride (PVC)-Polymethyl methacrylate(PMMA) Blend Film	R S Gulalkari Y G Bakale D K Burghate V S Deogaonkar	PRAMANA-Journal of PhysicVol.69 No.3Sept.2007 P.No.485-490.		
3.	Study of Electrical Conduction Mechanism of Blend Film (PVC-PMMA).	R Y Bakale Y G Bakale D K Burghate V S Deogaonkar	ACTA CIENCIA INDICAVol.XXXVII P.No.239(2011)		-(ISSN 025373 2X)
4.	Study of Electrical Conduction Mechanism of Polyaniline Benzoic Acid Blend Pellet	R Y Bakale Y G Bakale	International Journal of Researches in Biosciences,Agriculture &Technology Issue-2, Volume1 Jan 2014		ISSN No.(On line)23 47- 517X
5.	Relaxation in Micro Composite Polymer	R Y Bakale Y G Bakale	International journal of Research in Advent Technology (IJART) Vol.3 Issue 3, 15 March 2015		e- ISSN: 2321- 9637
6.	Comparative Study of Relaxation in Polymer Blend Film	R Y Bakale Y G Bakale	IOSR-Journal of Applied PhysicsVol.10 Issue 2 Ver. I (Mar-Apr 2018) P.P 9196.		(e- ISSN : 2278- 4861)
7.	TSDC of thermoelectret of blend film	R Y Bakale Y G Bakale	Accepted in SSRG International Journal of Applied Physics.		
8.	TSDC of Thermoelectret of PVC-PMMA Blend films	R Y Bakale Y G Bakale	JETIR Vol.6 Issue 6 June 2019 P.No. 936-940.		ISSN- 2349- 5162

Curriculum Vitae

9.	“Study Of Doped blend Film and its Application as an Sensor Material”	R Y Bakale Y G Bakale S V Khangar	IJSRST Vol.8 Issue 1, Jan-Feb 2021	7.214	Online ISSN:2 395- 602X Print ISSN: 2395- 6011
10.	“Frequency and Temperature Dependence of Ultrasonic Properties of Aqueous PVA Solution Using Pulse-Echo Technique”	S V Khangar O P Chimankar R Y Bakale Y S Tamgadge	IJSRST Vol.8 Issue 1, Jan-Feb 2021	7.214	Online ISSN:2 395- 602X Print ISSN: 2395- 6011

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.	BRAC VIT,PUNE	International	Thermoelectric Study Of Doped Polyblend Film and its Extension as a Thermal Sensor	R S Gulalakri	PUNE 3-5 Jan 2008	ISBN -978- 81- 90619 8-0-6)
2.	BRAC VIT,PUNE	International	Electrical Conduction in Semiconducting doped Thin polyblend film	R.S Gulalkari	PUNE 3-5 Jan 2008	ISBN -978- 81- 90619 8-0-6)

3. Papers presented in Conferences / Seminar / Symposia / Workshop:

Sr. No	Title of Paper	Title of Event	Level	Date	Organizer
1.	Thermally Stimulated discharge current (TSDC) of Thermoelectret of PVC-PMMA with PANI	National conference	National	5-7 Feb 2004	P.G.Deptt.of Phy.S.S.Sc.college Amravati
2.	Synthesis of Novel Materials (Polymers)Study of Electrical Conduction Mechanism of PVC-PMMA Blend film		International	21-22 Jan 2006	Deptt.of Phy.Dr.Ambedkar college Deeksha Bhoomi, Nagpur
3.	Study of Electrical Conduction Mechanism of Polyaniline Benzoic acid blend pelle	43 rd Annual convensation of Chemists 2006 Indian Chemical Society	National	2006	Indian Chemical Society. Aurangabad.
4.	Thermoelectret Study Of Doped Polyblend Film and its Extension as a Thermal Senso	BRACT	International	3-5 Jan 2008	VIT,PUNE
5.	Electrical Conduction in Semiconducting doped Thin polyblend film .	BRACT	International	3-5 Jan 2008	VIT,PUNE
6.	Optical Properties of PVC-PMMA Polymer blends doped with Iodine		National	29-30 Dec 2009	Deptt.of Phy. S.S.Sc.College ,Nagpur
7.	Study of Electrical Conduction Mechanism of Polyaniline Benzoic Acid Blend Pellet		International	17-18 Jan 2014	Dr.Ambedkar college in association with CSIR-NEERI

Curriculum Vitae

8.	Relaxation in microcomposite Polymer	ICATES	International	8 th Mar 2015	Amravati
9.	Comparative Study of relaxation in Polymer blends film	Tech-Ed	National	22-23 Jan 2016	
10.	TSDC of Thermoelectret of PVC-PMMA Blend Film.		National	1 st March 2019	Dept. of Electrical Engg. Anjuman College of Engg. & Tech.
11.	TSDC of doped film and its extension as a thermal sensor	ICAPCM 2020	International	13-16 Feb 2020	RTMNU
12.	Photoluminescence of Eu ³⁺ +Doped Strontium-Calcium Penta boroaluminate Phosphors	ICAPCM 2020	International	13-16 Feb 2020	RTMNU
13.	“Energy storage Technology”	“Clean Energy Conversion and storage Technologies”	International	30 th April 2020	IQAC and Department of Physics, Shri Pancham Khemraj Mahavidyalaya Sawantwadi University of Mumbai.
14.	“TSDC of thermoelectret of blend films”	IWCSET-2020	International Web-conference	15-16 May 2020	JIT, Nagpur

4. Conferences / Seminar / Symposia / Workshop Attended:

Sr. No.	Theme	Level	Date	Organizer
1.	National Seminar on “Recent Advances in Physics and Mathematics”	National	28 th Jan 2006	Deptt. Of Physics Lady Amritbai Daga College for Woman, Nagpur
2.	National Seminar on “Bio-Physics”	National	19 th Feb 2007	Deptt. of Phy. J.D.Patil College, Darapur.
3.	Workshop on "MINDFULNESS"	National	27-28 th April 2020	Smt. Radhadevi goenka college for women, Akola
4.	Webinar On “ICT for Effective Teaching and Learning”	National	2 nd June 2020	Organized By Shri.R.R.Lahoti Science College, Morshi

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

Sr. No.	Programme	Duration	Organized By
1.	Participated in Two week ISTE Short Term Training Program on “Engg.Phy”	8-18 Dec 2015	Conducted by IIT- Bombay
2.	Participated in Two week ISTE Short Term Training Program on “ Pedagogy for Effective Use of ICT in Engg. Education	05-31 Jan	Conducted by IIT- Bombay
3.	Swayam NPTL Course on "Experimental Physics II”	12 Weeks, Jan-June 2020	IIT Kanpur MHRD
4.	FDP on "ICT Tools for Effective Teaching Learning"	27th April -2nd May	Swami Ramanand Teertha Marathwada University, Nanded
5.	FDP on "Overcoming the Challenges in Adapting online Technology in Teaching Learning"	6 May -11 May 2020	JIT Nagpur CCE,IIT Kanpur
6.	FDP on “Managing online classes and co-creating MOOCs 2.0”	18 May -June 03 2020	Ramanujan college, New Delhi MHRD
7.	Orientation Programme	June 04-July 01 2020	MHRD Ramanujan college, New Delhi.
8.	FDP on “G suite and Allied tools in Education Teaching and E-content Development”	29 June -July 04 2020	P.G. Department of Computer Science and Engineering,SGB Amravati University,Amravati.
9.	Faculty Induction Programme-I (Guru Dakshita)	Sept 07- Oct 06 2020	UGC-HRDC Sant Gadge baba Amravati University,Amravati.
10.	Swayam NPTL Course on "Experimental Physics I”	12 Weeks, Sept-Dec 2020	IIT Kanpur MHRD

9. Book Published:Nil

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

10. Editorial Board Member:Nil

Sr. No.	Title & Page No.	Type of Books	Publisher	ISSN/ISBN No	No. of Co- authors

11. Articles/Chapters published in Book:

Sr. No.	Title & Page No.	Book Title, Editor & Publisher	ISSN/ISBN No.	Authors	Whether Main authors
1.	Implication of current challenges in higher education	“Effect of the covid-19 on current Education system in India”	ISBN:978-81-926813-9-9	R Y Bakale Y G Bakale	R Y Bakale
2.	“Conduction Mechanism of Blend polymer film”	“Interdisciplinary Research and Innovation”	ISBN:978-81-947154-6-7	R Y Bakale Y G Bakale S V Khangar	R Y Bakale
3.	“Molecular interaction of Ultrasonic parameters in Aqueous Polymer Solution”	“Interdisciplinary Research and Innovation”	ISBN:978-81-947154-6-7	S V Khangar O P Chimankar R Y Bakale Y S Tamgadge	

12. Events Organized:

Sr. No.	Events	Level	Funded By	Date	Position

13. Special Achievement: :-

- 1) Research Paper Nominated for Young Scientists Award in 43 rd Annual convensation of Chemists 2006 (Indian Chemical Society) Aurangabad.

Curriculum Vitae

2) Awarded Second Position In Paper Presentation in International Conference, Anjuman College of Engg. & Tech. Nagpur.

14. Other Membership:

- 1) Life member of Indian Science congress ... Membership No: L34216
- 2) Life member of "The Society for Technologically Advanced Materials of India"
(*STAMI*)

Curriculum Vitae

Curriculum Vitae

Curriculum Vitae