

Personnel profile

GENERAL INFORMATION AND ACADEMIC BACKGROUND

1. **Name (in Block Letters):** Mr. PRASHANT BHAGWANT DABRASE
2. **Father's Name/Mother's Name:** Shri. Bhagwant Manikrao Dabrased
3. **Department/College:** Dept. of Physics, Bhalerao Science College, Saoner
4. **Current Designation & Grade Pay:** Assistant Professor, Rs. 8000/-
5. **Sex:** Male
6. **Marital status:** Married
7. **Nationality:** Indian
8. **Telephone No:** 9405702136
9. **Email:** prashantdabrased@gmail.com

10. Academic Qualifications

Examinations	Name of the Board/University	Year of Passing	Division / Class/ Grade	Subject
High School/ Matric	Nagpur Divisional Board	1987	First	Science, Maths, Social Science
Intermediate	Nagpur Divisional Board	1990	First	Gen Science
B.A./B.Sc./B. Com /B. Mus.	Amaravati University	1993	First	Physics, Maths, Electronics
M.A./M.Sc./M. Com./M. Mus.	Amaravati University	1995	First	Physics
Others examination, if any	UGC-CSIR NET	2000	----	Physics
	CCCO	2001	----	Computer

11. Research Degree(s)

Degrees	Title	Date of award	University
M.Phil.			
Ph.D./D.Phil.	Study of Thermodynamic properties and Intermolecular Interactions of Binary liquids through Ultrasonic Measurement	Thesis Submitted	RTM Nagpur University, Nagpur

12. Posts held after appointment at this institution:

Designation	Department	Date of actual Joining		Grade
		From	To	
Lecturer	Physics	01\07\2000	01\07\2007	In stage I
Assistant Professor	Physics	01\07\2007	01\07\2012	In stage II
Assistant Professor	Physics	01\07\2012	Till date	In stage III

13. Period of teaching experience: P.G. Classes (in years): ___----___:
U.G. Classes (in years) 17 years

14. Research Experience excluding years spent in M.Phil / Ph.D. (in years)
02 years other than Ph D

15. Fields of Specialization under the Subject/Discipline

- (a).. Electronics Communication
- (b).. Ultrasonic

16. Academic Staff College Orientation/Refresher Course attended till 2014-15

Name of the Course/ Summer School	Place	Duration	Sponsoring Agency
Refresher course	ASC RTM Nagpur University, Nagpur	18-10-2004 to 07-11-2004	UGC
Refresher course	ASC RTM Nagpur University	26-02-2007 to 18-03-2007	UGC
Refresher course	ASC RTM Nagpur	22-02-2010 to 14-03-2010	UGC

	University		
Refresher course	ASC RTM Nagpur University	06-02-2012 to 26-03-2012	UGC
Short term course	ACS RTM Nagpur University	25-11-2013 to 30-11-2013	UGC

17. Research experience and publications

1) Published Papers in Journals

2011-12

S.No.	Title with page nos.	Journal	ISSN/ISBN No	No. of co. authors
1	“Excess values of Ultrasonic Parameters of Binary Mixtures” 78-79	BIONANO—FRONTIER	ISSN- 0974-0678	04
2	“Intermolecular Interactions by Excess values of Ultrasonic Parameters of Binary mixtures at 298.15K” 83-85	BIONANO—FRONTIER	ISSN- 0974-0678	03

2012-13

S. No	Title with page nos.	Journal	ISSN/ISBN No	Whether peer reviewed. Impact Factor, if any	No. of co. authors
1	“Inter-molecular Interaction study of Pyridine and Acetone at 313.15 K”,	International Journal of Research in Pure and Applied Physics; 2(4)2012, p 49-54.	ISSN- 2278 – 134X	peer reviewed	03
2	“Molecular Interaction of Pyridine and Acetone by Free Volume Study”,	Internation Journal of advanced scientific and tech. research, 6(2), Dec 2012, pp 337-245.	ISSN- 2249 – 9954	peer reviewed	03
3	“Density & Velocity Study Of Acetonitrile and N,N-dimethyle acetamide”,	Vidyabharti International Interdisciplinary Research Journal 1(2), Dec, 2012, pp 21-26.	ISSN- 2319 - 4979	peer reviewed	03
4	“Study of	Vidyabharti	ISSN- 2319 -	peer reviewed	03

	Acoustical And Excess Parameters of N,N-dimethyle acetamide And Acetonitrile”,	International Interdisciplinary Research Journal 2(1), June, 2013, pp 21-27.	4979		
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2013-14

S. No	Title with page nos.	Journal	ISSN/ISBN No	Whether reviewed. Impact Factor, if any	No. of co. authors
1	“Interaction Study of Pyridine and Acetone at 313.15K”,	Journal of Acoustical Society of India, 40(2), 2013, pp 137-142.	ISSN- 0973 - 3302	peer reviewed	03
2	“Acoustical Behavarior of N,N-dimethyle acetamide And Acetone at 313.15K”,	Journal of Acoustical Society of India, (40), 3, 2013, pp 196-202.	ISSN- 0973 - 3302	Reviewed	03
3	“Acoustics of Binary mixtures of Acetone and Pyridine and its Excess values at 303.15K”,	“Sanshodhan” National level Annualresearch Journal. V(2), 2013, pp 6-9.	ISSN- 2249 - 8567	Reviewed	03
4	“Acoustical Studies on Intermolecular Interactions in Binary liquid Mixtures of NNDMA with Acetone and Acetonitrile at 298.15K”	Archives of Physics, Scholar Research Library, 4(5), Dec 2013, pp 24-28.	ISSN- 0976 - 0970	Reviewed	03
5	"Molecular Interaction study on NN-dimethyl acetamide and benzonitrile at 308K",	Journal of Chemical and Pharm. Research, 5(11), 2013, pp 745-751	ISSN- 0975 – 7384	Reviewed	03
6	"Study of molecular Interaction on Binary Mixture of NN-Dimethyl acetamide and Benzonitrile at different temperature",	Interna. Journal of Basic and Applied research, sp vol. 04, 2014, Jan 10-11, pp 33-38	ISSN- 2249 - 3352	Reviewed	03

2014-15

S. No	Title with page nos.	Journal	ISSN/ISBN No	Whether peer reviewed. Impact Factor, if any	No. of co. authors
1	“Interactions study by free volume of Pyridine and Aniline”,	Journal of Chemical and Pharmaceutical Research, 6(11), 2014; 228-233.	ISSN- 0975-7384	peer reviewed	02

2) Articles/Chapters published in Books

2011-12

S.No.	Title with page nos.	Book Title, editor & publisher	ISSN/ ISBN No	Whether peer reviewed	No. of co-author
1	“Intermolecular interactions in NN-Dymethyl acetamide and acetone at different temperature” 233-242	Applied Ultrasonics, S. K. Shrivastava, Kailash, S. K. Verma; Shree Publishers & distributors, New Delhi	ISBN 978-81-8329-440-9	--	04
2	“Density and velocity variation in the Binary Mixture at 298K” 131-134	Advanced Research in Materials, S J Dhobale, P K Nimishe, S P Dongre. P B Dabrase ; Bhalerao Science College, Saoner & C P & Berar Publisher	ISBN 978-81-922229-1-2 Nagpur	---	03

3) Full Papers in Conference Proceedings

2011-12

S.No	Title with page nos.	Details of Conference Publication	ISSN/ ISBN No	No. of co-authors
1	“Acoustical Behavior of Binary Mixtures at Different Temperatures” 06-10	All India conference-2012 “ Physics of Emerging Functional Materials of 21 st Century”, CSIT Durg	-----	04
2	“Effect of temperature on change of Ultrasonic	National Seminar on Technological Innovations	ISBN 978- 81-	04

	Parameters in the Binary Mixture of Acetone and NN – dymethyl acetamide” 32-36	with Environmental Integrity Shree HVPM’s College of engineering & Tech. Amaravati	922256-5-4	
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2012-13

S.No	Title with page nos.	Details of Conference Publication	ISSN/ ISBN No	No. of co-authors
1	“Molecular interaction Study of Pyridine and acetone at 303.15K & 313.15K”,	Proceeding of NSU-XIX, New Delhi, 30-31,Oct, 2012, PP-27.	----	03
2	“Acoustical behavior study on N,N-dymethyle acetamide and acetone at 303.15K & 313.15K”,	Proceeding of NSU-XIX, New Delhi, 30-31,Oct, 2012, PP-02.	----	03
3	“Intermolecular Interaction of pyridine and Aniline at 303K by free volume”,	Proceeed. All India Conf. CSIT, Durg (C.G), April-2013, pp 8.31- 8.35.	(ISBN: 978-81-923288-1-2	04

2013-14

S.No	Title with page nos.	Details of Conference Publication	ISSN/ ISBN No	No. of co-authors
1	“Ultrasonic & thermodynamic study of N, N-dimethyle acetamide in benzonitrile mixtures at different temperatures”,	National seminar on Advances in innovative materials and applications at G. S. Gawande Mahavidyalaya, Umerkhed (M.S.), 02-Sep, 2013.	ISBN	03
2	“Molecular Interaction in binary system of Pyridine and Aniline at 308K by free volume”,	Proceedings of National Conference on Current Developments in Nanoscience :Challenges and Opportunities, NCCDN-2013, 14-Sep, 2013, pp 96-100.	ISBN -978 9381432563	03
3	“Interaction in Pyridine and Aniline at different temperatures”,	Indo-French, Int. Conf. on Acoustics 2013, New Delhi, India, Nov' 10-15, 2013, pp 503-508.	ISBN	03
4	“Internal Pressure study of N,N-dimethyle	Indo-French. Int. Conf. On Acoustics 2013, New Delhi,	ISBN	03

	acetamide and Acetonitrile”,	India, Nov' 10-15, 2013, pp722-728.		
5	"Study of molecular interaction in pyridine and aniline at 303 K by free volume",	Proceedings of National Symposium on Ultrasonics (NSU-XX), Cuttack, 24-25 Jan' 2014, p 178-181.	ISBN -978-81-926579-1-2	03
6	“Ultrasonic study of NN-Dimethyl acetamide in benzonitrile at different temperatures”,	Proceedings of National Symposium on Ultrasonics (NSU-XX), Cuttack, 24-25 Jan, 2014,p 101-103.	ISBN -978-81-926579-1-2	03
7	" Interaction in pyridine and aniline by Ultrasonic study",	Proceedings of National Conference on synthesis of materials: Characterization and application, Jan 31' 2014, pp 124-129.	ISBN -978-9381432624	02
8	" Molecular Interaction in Pyridine and Aniline at 298K by Ultrasonic study",	Proceedings of National Conference on Advanced Materials (NCAM-2014), Mar-01, 2014, pp 254-257.	ISBN- 978-9381432709	02
9	"Ultrasonic study of Molecular Interaction in Pyridine and Aniline",	Proceedings of All India Conference on Intelligent Systems, (AICON-2014), 25-26 April, 2014, pp 9.28-9.31.	ISSN -	04

2014-15

S.No.	Title with page nos.	Details of Conference Publication	ISSN/ ISBN No	No. of co-authors
1	“Molecular Interactions study of Acetone and Aniline at 303K”,	Proceeding of International Symposium on Ultrasonics- 22-24 Jan 2015, IJSR 218-221	ISSN - 2319 - 7064	04
2	"Excess Thermodynamic Properties of Binary Liquid Mixture of NN-dimethyl acetamide in Benzonitrile through Ultrasonic measurements at 308.15K and 313.15K",	Proceeding of International Symposium on Ultrasonics- 22-24 Jan 2015, IJSR, 232-235	ISSN - 2319 - 7064	03
3	“Study of thermodynamic parameters of the binary liquid mixture at 308.15K”,	Proceeding of National conference on Novel Synthesis of Advanced Materials and their applications, 16 Feb 2015, Maregaon, Yawatmal, 256-263	ISBN - 978-81-930894-1-5	03
4	“Free volume and Internal	Proceeding of National	ISBN -	03

	pressure study in the mixture of Pyridine and Acetophenone”	conference on Novel Synth-esis of Advanced Materials and their applications, 16 Feb 2015, Maregaon, Yawatmal, 318-323	978-81-930894-1-5	
5	“Thermo-acoustical properties of binary mixture of Pyridine and Acetophenone at different temperatures”,	Proceedings of All India Conference (AICON-2015), 25-26 April, 2015, pp 9.28-9.31.	ISBN	04

4) Books published as single author or as editor

2012-13

S.No.	Title with page nos.	Type of Book & Authorship	Publisher & ISSN/ ISBN No	Whether peer reviewed	No. of co-authors
1	Advanced Research in Materials,	Proceeding of National Conference-Editor	C P & Berar Publisher Nagpur	No	04

2014-15

S.No.	Title with page nos.	Type of Book & Authorship	Publisher & ISSN/ ISBN No	Whether reviewed	No. of co-authors
	Special issue of <i>International Journal of Science & Research</i> , Proceeding of International Symposium on Ultrasonics-2015	Proceeding of International Symposium -Editor	IJSR, 2319-7064 online	Yes	03

5) Ongoing and Completed Research Projects and Consultancies

2012-13

Sr	Title	Agency	Period	Grant/Amount Mobilized (Rs lakh)
01	"Acoustical Study of Pollution level in Local water Bodies for testing potability"	UGC, WRO Pune	2012-2014	Rs. 185000/- COMPLETED

6) Papers presented in Conferences, Seminars, Workshops, Symposia

2011-12

S. No .	Tjitle of the Paper presented	Title of Conference/ Seminar	Organised by	Whether international / national
1	“Ultrasonics of Binary mixture and its excess values at 303.15K”	National Seminar on material characterization by Ultrasonics	Amity school of Engineering & Technology And Ultrasonic Society of India	National

2012-13

S. No .	Tjitle of the Paper presented	Title of Conference/ Seminar	Organised by	Whether international / national
1	“Molecular interaction Study of Pyridine and acetone at 303.15K & 313.15K”,	Proceeding of NSU-XIX, New Delhi, 30-31, Oct, 2012,	Ultrasonic Society of India, New Delhi	National
2	“Acoustical behavior study on N,N-dymethyle acetamide and acetone at 303.15K & 313.15K”,	Proceeding of NSU-XIX, New Delhi, 30-31,Oct, 2012,	Ultrasonic Society of India, New Delhi	National
3	“Intermolecular Interaction of pyridine and Aniline at 303K by free volume”,	Proceeed. All India Conf. CSIT, Durg (C.G), April- 2013	Chhatrapati Shivaji Institute of Technology, Durg, Chhattisgarh.	National

2013-14

S. No .	Tjitle of the Paper presented	Title of Conference/ Seminar	Organised by	Whether international/ national
1	“Molecular Interaction in binary system of Pyridine and Aniline at 308K by free volume”,	National Confere - nce on Current Developments in Nanoscience :Challenges and Opportunities, NCCDN-2013, 14-Sep, 2013,	Kamla Nehru Mahavidyalaya Nagpur	National

2	"Interaction in Pyridine and Aniline at different temperatures",	Indo-French, Int. Conf. on Acoustics 2013, New Delhi, India, Nov' 10-15, 2013.	Acoustical Society of India, New Delhi	International
3	"Internal Pressure study of N,N-dimethyle acetamide and Acetonitrile",	Indo-French. Int. Conf. On Acoustics 2013, New Delhi, India, Nov' 10-15, 2013,	Acoustical Society of India, New Delhi	International
4	"Study of molecular Interaction on Binary Mixture of NN-Dimethyl acetamide and Benzonitrile at diff. temp.",	National Conference on Materials Science: Trends & Future-2014, 10 th & 11 th Jan' 14	Bharatiya Mahavidyalaya, Amravati	National
5	"Study of molecular interaction in pyridine and aniline at 303 K by free volume",	National Symposium on Ultrasonics (NSU-XX), Cuttack, 24-25 Jan' 2014	Rawenshaw University and Ultrasonic Society of India	National
6	"Ultrasonic study of NN-Dimethyl acetamide in benzonitrile at different temperatures",	National Symposium on Ultrasonics (NSU-XX), Cuttack, 24-25 Jan, 2014,	Rawenshaw University and Ultrasonic Society of India	National
7	" Interaction in pyridine and aniline by Ultrasonic study",	National Conference on synthesis of materials: Characterization and application, Jan 31' 2014,	J M Patel Arts, Commerce & Science College, Bhandara	National
8	" Molecular Interaction in Pyridine and Aniline at 298K by Ultrasonic study",	National Conference on Advanced Materials (NCAM-2014), Mar-01, 2014	Nabira Mahavidyalaya, Katol	National
9	"Ultrasonic study of Molecular Interaction in Pyridine and Aniline",	All India Conference on Intelligent Systems, (AICON-2014), 25-26 April, 2014, 9.28-9.31.	Chhtrapati Shivaji Institute of Technology, Durg, Chhattisgarh	National

2014-15

S. No	Tjtitle of the Paper presented	Title of Conference/ Seminar	Organised by	Whether international/national
1	"Molecular Interactions study of	International Symposium on	Ultrasonic society of India and RTM	International

	Acetone and Aniline at 303K”,	Ultrasonics- 22-24 Jan 2015,	Nagpur University	
2	"Excess Thermodynamic Properties of Binary Liquid Mixture of NN-dimethyle acetamide in Benzonitrile through Ultrasonic measurements at 308.15K and 313.15K",	International Symposium on Ultrasonics- 22-24 Jan 2015,	Ultrasonic society of India and RTM Nagpur University	International
3	“Study of thermodynamical parameters of the binary liquid mixture at 308.15K”,	National conference on Novel Synthesis of Advanced Materials and their applications 16 Feb 2015, Maregaon, Yawatmal	Arts Commerce and Science College, Maregaon, Yawatmal	National
4	“Free volume and Internal pressure study in the mixture of Pyridine and Acetophenone”	National conference on Novel Synthesis of Advanced Materials and their applications 16 Feb 2015, Maregaon, Yawatmal,	Arts Commerce and Science College, Maregaon, Yawatmal	National
5	“Thermo-acoustical properties of binary mixture of Pyridine and Acetophenone at different temperatures”,	All India Conference (AICON-2015), 25-26 April, 2015, pp 9.28-9.31.	Chhatrapati Shivaji Institute of Technology	National

7) Details of any other credential, significant contributions, awards received etc. not mentioned earlier.

2011-15

S.No.	Details
1	Assembling of experiments of Physics, i.e. laboratory set up
2	Best paper Award at National Conference on Material Characterization by Ultrasonics at AMITY New Delhi 2011
3	Best poster presentation Award at National Conference NCRTMSC- 2011 by BSC saoner at 2011
4	Best paper presentation Award at International Symposium on Ultrasonics by Ultrasonics society of India at ISU-nagpur 2015

8) Participation in Seminars, conferences, etc.....

2011-12

Sr. no.	Particulars
1	participation & presentation in Conference at AMITY New Delhi
2	participation in conference at BHU, Varanasi
3	participation in conference at MM College of Science, Nagpur
4	University examiner
5	participation & presentation in conference at Amaravati
6	participation in Refresher course at ASC, Nagpur
7	participation & presentation in conference at AICON-12 Durg
8	participation in VUPTA Seminar at Nagpur
9	participation & presentation in conference at Dr. Ambedkar College, Nagpur
10	participation & presentation in conference at Bhalerao Science College, Saoner
11	participation & presentation in conference at Murtizapur, Dist. Akola
12	participation & presentation in Symposium at Jhansi, (U.P.)
13	participation in one day work shop on syllabus at Dr. Ambedkar College Nagpur
14	Invited guest lecturer at Kalmeshwar

2012-13

Sr. no.	Particulars
1	members of College committees
2	external Examiner RTM Nagpur University
3	participation & presentation in National Seminar at Dhote Bandhu Science College, Gondia
4	University theory examiner at spot valuation center
5	University practical examiner at Khaparkheda
6	University practical examiner at Mandhal kuhi
7	MRP sanctioned
8	participation & presentation in conference at AICON-13, Durg
9	participation in VUPTA Seminar at Dharmpeth Science College, Nagpur
10	participation in Short Term Course at ASC, Nagpur

2013-14

Sr. no.	Particulars
1	members of College committees
2	external Examiner at Samudrapur
3	participation in National Seminar at Umarkhed
4	Uni. theory examiner at spot valuation center
5	University practical examiner at Parseoni
6	participation in International Conference, New Delhi
7	participation in National Symposium at Orisa

8	participation in National conference at Katol
9	participation & presentation in conference at AICON-14 Durg
10	10. certificate of participation in VUPTA Seminar at Bhadrawati, Nagpur
11	participation in Work shop on Syllabus, Nagpur
12	participation in National Conf. at Kamala Nehru, Nagpur
13	participation in Work shop on workplace persecution, Nagpur
14	participation in National Conference at Amaravati
15	participation in National conference at Bhandara

2014-15

Sr. no.	Particulars
1	members of College committees
2	external Examiner at Kalmeshwar
3	participation in National Seminar at Maregaon
4	Uni. theory examiner at spot valuation center
5	participation in International Conference, ISU-2015, RTM NU, Nagpur
6	participation & presentation in conference at AICON-15 Durg
7	invitation as an examiner for elocution competition, Cummins, Nagpur
8	participation in National Conf. at Kamala Nehru, Nagpur