

## Bio Data

1. Name (in Block Letters) : DR. BHUPESH GOPALRAO NEMMANIWAR
2. Father's/Husband's Name : MR. GOPALRAO NEMMANIWAR
3. Department : PHYSICS
4. Current Designation & Grade Pay : ASSISTANT PROFESSOR & HOD [AGP - 7000]
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### 9. Academic Qualification

Sr. No.	Degree	University	Year	Grade
01	Ph.D (Physics)	S.R.T. M. University, Nanded	2013	
02	M.Sc. (Physics)	Dr.B.A.M. University, Aurangabad	1999	II B+
02	B.Sc.	Dr.B.A.M. University, Aurangabad	1996	I
03	B. Ed	Savitibai Phule University of Pune,	1999	I

### 10. Orientation/ Refresher Course attended in the year:

Sr. No.	Name of the Course / Summer School	Place	Duration	Sponsoring Agency
1	Short Term Course (Two Week)	MGM College Engineering, Nanded	8-12-2015 To 18-12-2015	MHRD
2	Orientation Course	HPU Shimla	06-05-2016 To 04-06-2016	MHRD
3	Refresher course	Pt.RSU. Raipur	24-10-2017 To 13-11-2017	MHRD
4	FDP (Two Week)	Ramanujan College, University of Delhi	02-07-2020 To 17-07-2020	MHRD

11. Area of Specialization: Dielectrics spectroscopy using microwave frequency

### 12. Examination Duties Assigned and Performed

- College & University annual / midterm examinations. Invigilation
- U.G. theory papers setting and assessment at College Level. Evaluation
- U.G. level College/ University annual practical examinations. External/Internal examiner
- U.G. level University annual examinations. A.C.S. (winter-2014, summer-2015, winter-2015, Summer-2016, winter-2019, summer-2020) S.R.T.M. University, Nanded.
- Squad chairman Summer exams March/April & Oct/Nov-2018

- U.G. theory papers setter University annual / midterm examinations
- U.G. theory papers moderation and assessment Winter & Summer 2014-2019 at SRTMU Nanded.

### 13. Extension, Co-curricular & field based Activities

- The faculty has a Laboratory In-charge at College Level from 2014-2015 To till date.
- The faculty has a Member of organizing committee of Inter College, Second scholar competitions 2015,16,17,18,19 one day
- The faculty has a Member Competitive Exam Cell 2014-2015
- The faculty has a Worked as a referee in Seminar Competition at N S B College, Nanded.
- The faculty has a Co-ordinator of Competitive Exam Cell from 2016-2017 To till date.
- The faculty has a Member of Research and consultancy
- The faculty has a Member of admission committee
- The faculty has a Course co-ordinator for NSQF certificate course in Renewable energy
- The faculty has a **member** of Scrutiny Committee of the IQAC for CAS
- The faculty has a **Referee** for **Vruksh Rakshabandhan** on 28-08-2018.
- The faculty has a **member** of Criterion V Student Support & Progression Committee,
- The faculty has a **member** of Criterion VII Institution Values & Best Practices

### 14. Professional Development Activities

- Co-editor in-chef IRJSE, Amravati
- Life Member of ISCA
- Life Member of IAPT
- Reviewer of journal of Turkish chemical society
- P.G Teacher at S.R.T.M.U. Nanded
- Research Guide at S.R.T.M.U. Nanded

### 15. Published Papers in Journals

1. Dielectric behaviour of binary mixture of 2-Chloroaniline with 2-methoxyethanol and 2-ethoxyethanol, **Bhupesh Nemmaniwar**, Namdeo Kalyankar and Potaji Kadam, *ORBITAL-The Electronic Journal of Chemistry, Brazil*. Vol 5. No 1. **2013**, 1-6.
2. Excess dielectric properties of the binary liquid mixture of 2-Chloroaniline + Ethylene glycol at 10.985 GHz microwave frequencies, **Bhupesh Nemmaniwar**, Arvind Jogdand and Potaji Kadam, *Chemical Science Transactions*. Vol 2. No 2.,**2013**, 677-683.
3. Effect of Temperature on the Dielectric Relaxation time of binary mixture of 2-Chloroaniline and 2-Ethoxyethanol in 1,4 –dioxane solution using microwave absorption data. **Bhupesh Nemmaniwar**, Sham Mokle and P.L.Kadam. *Pakistan Journal of Chemistry*. Vol 3. No 2. **2013**, 1-6.
4. Dielectric behavior of binary mixtures of 2,3-dichloroaniline with 2-methoxyethanol using Microwave X-band, **Bhupesh Nemmaniwar** and P.L.Kadam, *Chemical Science Transactions*. Vol.3. No.3, **2014**, 995-1000.
5. Microwave Dielectric characterization of binary mixture of 2-chloroaniline and 2-propoxyethanol in 1,4 dioxane solutions using microwave absorption data, **Bhupesh Nemmaniwar** and P.L.Kadam, *International Journal of Physical and Mathematical Sciences*. **2015** Vol 5, No.1. 19-24.
6. Dielectric Relaxation Study of Binary Mixtures of 2-Chloroaniline and 2-Methoxyethanol in 1, 4-Dioxane Solution Using Microwave Absorption Data, **Bhupesh**

- Nemmaniwar**, Vijaykumar Panchal and P.L.Kadam, International Journal of Applied Chemistry. **2014**. Vol 10, No 1. 41-52.
7. Excess Properties of Acetonitrile + n-butyl Alcohol Binary Mixtures at Microwave Frequency. **Bhupesh Nemmaniwar**, Arvind Jogdand and Potaji Kadam. *International Journal of IT, Engineering and Applied Sciences Research* December **2014**. Vol 3, No. 12, 16-24.
  8. Dielectric Relaxation and Dipole Moment Study of Binary Mixture of 2, 3-Dichloroaniline and 2-Propoxyethanol 1, 4-Dioxane Solution Using Microwave Absorption Data. **Bhupesh Nemmaniwar** and Pothaji Kadam. *International Journal of Sciences: Basic and Applied Research* **2014**. Vol 17, No 2, 143-155.
  9. Dielectric Behavior of Binary Mixture of 2, 3-Dichloroaniline with 2-Methoxyethanol at 20<sup>0</sup> C. **Bhupesh Nemmaniwar**, Vijaykumar Panchal and P.L.Kadam. *International Journal of Sciences. Basic and Applied Researc.* **2014**. Vol 17, No 2, 183-195.
  10. Data Transmission By Using Light Fidelity. Tirmanwar S.L , Bhalerao M.V and **Nemmaniwar Bhupesh**. *Int. Res. J. of Science & Engineering*, **2015**. Vol. 3 No.3. 84-92.
  11. Dielectric relaxation and dipole moment of binary mixture of 2, 3-dichloroaniline and 2-ethoxyethanol in 1, 4-dioxane solution using microwave absorption data. **Bhupesh Nemmaniwar**. *Int. Res. J. of Science & Engineering*. **2017**. Vol. 5.No. 4. 31-39.
  12. Dielectric Properties of 2-Chloroaniline and Ethylene Glycol Using Microwave Frequency. **Bhupesh G Nemmaniwar**. *Current Global Reviewer* Special issue.
  13. Molecular Association of 2,3-Dichloroaniline and 2-Ethoxyethanol Using Microwave Frequency in GHz. **Bhupesh G Nemmaniwar**. International journal of Engineering research and Application. **2018**. Vol 8. No 12. 51-54
  14. Excess Dielectric Properties of 2, 3-Dichloroaniline and 2-Propoxyethanol Using Microwave Frequency at 20<sup>0</sup>C. **Bhupesh G Nemmaniwar**. Review of Research. **March 2019**. Vol 1. No 1
  15. Dielectric Behaviour of Binary Mixture of 2-Chloroaniline with 2-Methoxyethanol at 30<sup>0</sup> C Using Microwave Frequency. **Bhupesh G Nemmaniwar**. **Material Today preceding Elsevier** Vol 23, No 2, (2020) 324–328
  16. Excess Dielectric Parameters of 2, 3-Dichloroaniline and 2-Ethoxyethanol Using Microwave Frequency in GHz at 30<sup>0</sup>C. **Bhupesh G Nemmaniwar**. International journal of Applied Chemistry. (Accepted).
  17. Relaxation Time, Excess Relaxation Time and Dipole Moment of Binary Mixture of 2,3-Dichloroaniline and 2-Methoxyethanol using Frequency Domain Reflectometer. **Bhupesh G Nemmaniwar**. ORBITAL-The Electronic Journal of Chemistry, Brazil. Vol 12, No. 2 , April-June 2020
  18. Molecular and dielectric relaxation studies on 2-chloroaniline with 2-methoxyethanol binary solutions using time domain reflectometry. **Bhupesh G Nemmaniwar**. **AIP Conference Proceedings**. Vol 2269, 030114,(2020)

#### **16. Attending in Conferences, Seminars, Workshops and Symposia:**

- Two days UGC sponsored national symposium on “Applied Spectroscopy in Science and Technology” School of Physical Sciences, S.R.T.M. University, Nanded. on **21<sup>st</sup> & 22<sup>nd</sup> March 2014. National**
- One day University level student research convention *Anvenshan 2012-2013* Yeshwant Mahavidyalaya, Nanded on **11<sup>th</sup> Ferubray 2013. Regional**
- Five days “98<sup>th</sup> The Indian Science Congress Association Indian Science Congress S.R.M. University Chennai. On **3<sup>rd</sup> to 7<sup>th</sup> January 2011. International**
- Two days UGC and SRTMU sponsored state level seminar on *Recent Trends in Physics* Department of Physics, N.S.B. College, Nanded on **27<sup>th</sup> and 28<sup>th</sup>. January 2011. State**
- Three days BCUD, University of Pune sponsored “International Conference on Lasers and Advanced Materials. Department of Physics, Abasaheb Garware College, Pune on **6<sup>th</sup> to 8<sup>th</sup>**

### **March 2010. International**

- Two day state level seminar on *Recent Trends & Innovations In Laboratory Experiments In Physics*. Department of Physics and Electronics, Yeshwant Mahavidyalaya, Nanded on **4<sup>th</sup> and 5<sup>th</sup> October 2010. State**
- Three days Vigyan Prasar ,New Delhi, IIT Kanpur & Dayanand Educaion Society's sponsored state level Workshop on "*Innovative Physics Teaching*. Dayanand Science College,Latur.On **24<sup>th</sup> and 26<sup>th</sup> January 2009. National**
- One Day Workshop on Physics. Second Year Syllabus Structure (CBCS).Organized by Gramin Arts, Commerce and Science Mahavidyalay, Vasantnagar.Mukhed.Dist Nanded.S.R.T.M.U.Nanded. On **19 July 2017**.
- One Day Regional workshop on Research Paper Writing & Presentation Skill Science College,Nanded.On **September 17. 2014**.
- The faculty has actively participated in one day **workshop on Third year Syllabus structure** (CBCS) in Physics conducted by B.S. Mahavidayalya, Basmatnagar on 19.07.2018.
- The faculty has actively participated in one day workshop on **SEC Third year CBCS** in Physics conducted by Dayanand science College, Latur. on 06.08.2018
- The faculty has actively participated in one day National workshop on **Lab Experiments in Physics**, conducted by N.E.S. Science College, Nanded on 28<sup>Th</sup> January 2019
- The faculty has actively participated in one day **workshop on First year Syllabus Structure** (CBCS) in Physics conducted by K.K.M.. Mahavidayalya, Manwat on 13.07.2019.

### **17. Full Papers Presentation in International and National Conference**

- 1 Dielectric behavior of to 2-chloroanilne, 2-propoxyethanol and their binary mixtures at 30<sup>0</sup> c Pre -Indian science congress **31 December 2014**. Indian science congress association Aurangabad
2. Dielectric behavior of Binary Mixture of 2-chloroanilne with 2-propoxyethanol 9<sup>th</sup> **International** conference On resent Innovations in Science,Engineering & Management. Dhruva Institute of Engineering & Technology. Toopranpet, Choutuppal, Nalgonda. On **28<sup>th</sup>-29<sup>th</sup> January 2017**.
3. Hydrogen Bonding and Dielectric relaxation Time of 2-Chloroaniline and 2-Methoxyethanol in 1, 4-dioxane solution using microwave absorption data.a`**International** Conference Matoshri Prathistan Group of Engineering . **25-26 March 2017**
4. Dielectric Properties of 2-Chloroaniline and Ethylene Glycol Using Microwave Frequencies **International** Conference on Applied Science. Shri Kumarawami Mahavidyalaya, Ausa, Dist.Latur on dated **26 & 27 December 2017**.
5. Dielectric Relaxation Study of Binary Mixture of 2-Chloroaniline and 2- Methoxyethanol in 1,4-Dioxane Solution At Different Temperatures Using Microwave Frequency. **National** Conference on Dielectric Relaxation and Spectroscopic' School of Physical Science S.R.T.M.U. Nanded. on dated **14 & 15 December 2017**.
6. Dielectric Behaviour of Binary Mixture of 2-Chloroaniline with 2-Methoxyethanol at 30<sup>0</sup> C Using Microwave Frequency. Material and Environmental Science. Shivaji University Kolhapur. On dated **7 & 8 December 2018**.
7. Excess Dielectric Properties of 2, 3-Dichloraniline and 2-Propoxyethanol Using Microwave Frequency at 20<sup>0</sup>C. National Conference on Recent Advances in Nanotechnology-2019 (RAN-2019) Toshniwal Arts, Commerce & Science College Sengaon Dist. Hingoli S.R.T.M.U.Nanded.On **05 March 2019**.
8. Molecular and Dielectric Relaxation Studies on 2-Chloroaniline with 2-Methoxyethanol Binary

Solutions Using Time Domain Reflectometry. International Conference on Multifunctional Materials. At Geethanjali College of Engineering and Technology. Cheeryal. Hyderabad. On **19-20 Dec.2019.**

9. Relaxation Time, Excess Relaxation Time, Dipole Moment and Molecular study of Binary Mixture of 2-Chloroaniline and 2-Propoxyethanol using Microwave Frequency. 3<sup>rd</sup> International Conference on Recent trends in Image Processing and Pattern Recognition (RTIP2R), at Department of Computer Science and Information Technology. Dr.B.A.M.U.Aurangabad. **JAN. 3-4, 2020**

### **18. Teaching Experience**

1. Working as an Assistant Professor & HOD at Digamberrao Bindu Arts, Commerce & Science College Bhokar since 02-09-2014 to till date.
2. Working as an Junior lecturer **permanent** basis at Yeswant Mahavidyalaya Nanded from 03-02-2005 to 01-09-2014.
3. Working as a Assistant Professor Clock hour's basis at Yeswant Mahavidyalaya Nanded Academic year 2010-2011 and 2011-2012.
4. Working as a junior lecturer CHB basis at Yeswant Mahavidyalaya Nanded academic year- 11 August 2004 to 02 February 2005.

### **19. Books Published as single Author or as Editor**

1. Dielectric Behaviour of Some Polar Liquids, Reference Book. Lambert Academic Publishing, **European Union, Germany. March 2019.**
2. Dielectric relaxation & Dipole Moment of Some polar Compounds Reference Book (Communicated)
3. Electricity and Magnetism Text Book DNA Publications Nagpur Pvt Ltd India
4. Heat and Thermodynamics. Text Book DNA Publications Nagpur Pvt Ltd India

**Your Sincerely**

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