

CURRICULUM VITAE

Dr. Gajendra Ramdas Bedare

M. Sc. (Physics), Ph. D., M. Phil., P.G.D.C.A.

- Assistant Professor in Physics
N. S. Sci. & Arts College,
Bhadrawati Dist- Chandrapur
- Ex- Member Board of Studies (Physics),
Gondwana University, Gadchiroli



ADDRESS:

Sane Guruji Colony, Railway Station Road, Bhadrawati
Tah – Bhadrawati Dist - Chandrapur (M.S.) 442902 India

DATE OF BIRTH: 21-03-1976
LANGUEGES KNOWN: English, Hindi, Marathi
RELIGION: Hindu
CATEGORY: OBC
CASTE: Kunbi
MARITAL STATUS: Married
MOBILE NO.: 09921975747
EMAIL: gr.bedare@gmail.com
Official Webpage or Link: nscollege.ac.in

My Personal Website (Dr. Gajendra R. Bedare) Link:

- 1) <https://grbedare.wixsite.com/drgajendrabedare>
- 2) <https://sites.google.com/d/1e7qrY0oRvcxtF8efqCUO2Z-d1K-Jhog4/p/1XUJe7ZsVnWZskTzOMudzUrGbDfntQWVG/edit?pli=1>

Personal YouTube Channel Link: https://youtube.com/channel/UCmd9P-htdzRv-PPfHGw_bQ

RESEARCH AREA: Ultrasonics

EDUCATIONAL QUALIFICATION:

EXAM. PASSED	BOARD/ UNIVERSITY	YEAR	DIVISION
S .S. C.	Nagpur Board	March-91	FIRST
H. S. S. C.	Nagpur Board	March-93	FIRST
B. Sc.	Nagpur University	March-96	FIRST
M. Sc.	Nagpur University	April-98	FIRST
M. Phil.	Alagappa University	Dec.-2008	FIRST
P. G. D. C. A.	IGNOU, Delhi	June-2001	FIRST
Ph. D.	R.T.M. Nagpur University	November-2014	-----

DESIGNATION:

- Working as an **Assistant Professor in Physics** in N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur from **21th August 2000**.
- Working as a **NAAC Co-ordinator** of the college.
- Working as a **IQAC Joint Co-ordinator** of the college.
- Working as a **NSS Program Officer** of the college from the Session 2017-2018.
- Working as a Co-ordinator of “Certificate Course in Waste Management” of the college.
- Worked as a **Co-ordinator of P. G. Department of Physics** in N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur for the Session **2011 – 2012, 2013 – 2014, 2014 – 2015**.
- Working as a **Contributory Lecturer in P. G. Department of Physics** in N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur from the Session 2003-2004.
- Worked as a **Contributory Lecturer** in Physics in S. F. S. College, Nagpur.

- Recognition as a **Post Graduate Teacher in Physics** under the faculty of **Science and Technology** of Gondwana University, Gadchiroli (Letter No.: No/GUG/CS/1504/2017 Dated 14thAug. 2017)

TEACHING EXPERIENCE:

UG – 23 Years PG – 16 Years (CHB)

SUBJECTS IN B. SC.:

Physics, Mathematics, Electronics

SPECIALIZATION SUBJECTS IN M. SC.:

1) Communication Electronics (70 % Marks) 2) Spectroscopy (70 % Marks)

SPECIALIZATION SUBJECTS IN M. PHIL.:

Material Physics

M. SC. PROJECT TOPIC:

Effect of flux on decay and thermoluminescence of CaS (Bi:Cu) phosphors. (68.33 % Marks).

M. PHIL. PROJECT TOPIC:

Dielectric measurements of low loss liquids at microwave frequency. (68 % Marks)

M. PHIL. DEGREE:

M. Phil. Completed with 63.40 % marks from Alagappa University, Karaikudi (Tamilnadu State) in Dec. 2008.

Ph. D.:

Ph. D. from R. T. M. Nagpur University, Nagpur (Notification No.: RTMNU/Ph.D.(Cell)/2/1756 Dated 13th Nov. 2014) on the topic “**Ultrasonic Investigations in Pure Bio-liquids and Binary Mixtures**”, under the Supervision of Dr. B. M. SURYAVANSHI, Head, Department of Physics, Institute of Science, Nagpur and under the Co-Supervision of Dr. V. D. BHANDAKKAR, Department of Electronics, Anand Niketan College, Warora.

Ph. D. Supervisor (Guide):

Ph. D. Supervisor in **Physics** under the faculty of **Science and Technology** of Gondwana University, Gadchiroli (Letter No.: No/GUG/606/2017 Dated 31stAug.. 2017), Recognition No. is **GUG/Ph. D. Sup. Rec./621/2017**

Ph. D. Students Registered Under My Supervision: 04

1. Sunil V. Kumbhare (Letter No.: No. GU/Exam./Ph.D. Cell/RRC/Ph.D./470 Dated : 25/06/2020),
2. Subhash V. Kinnake (Letter No.: No. GU/Exam./Ph.D. Cell/RRC/Ph.D./469 Dated : 25/06/2020),
3. Ashish U. Shende (Letter No.: No. GU/Exam./Ph.D. Cell/RRC/Ph.D./471 Dated : 25/06/2020),
4. Danashree P. Ghugul (Letter No.: No. GU/Exam./Ph.D. Cell/RRC/Ph.D./566 Dated : 03/06/2022),

Award from Gondwana University, Gadchiroli:

1. NSS Best Program Officer, Gondwana University, Gadchiroli Award (Chandrapur District)
2. Best NSS Unit, N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur, Gondwana University, Gadchiroli Award (Chandrapur District)

Member Board of Studies (Physics):

Member Board of Studies (Physics), Gondwana University, Gadchiroli Letter Dated 04/04/2018.

FOREIGN VISIT:

International Symposium on Ultrasound in the Control of Industrial Processes, which held from 18th April 2012 to 20th April 2012 at **Madrid (Spain)**.

MINOR RESEARCH PROJECT:

UGC - Minor Research Project (File No. 47-1774/10(WRO) Dated 18th May 2011) with financial assistance of **Rs. 1,40,000/-completed** on the topic “**The Non-linear Acoustic Characterization of Bio-liquids**” for the period 2011-2013.

UGC GRANT RECEIVED:

1. UGC Foreign Travel Grant of Rs. 1.24 Lac received for *International Symposium on Ultrasound in the Control of Industrial Processes*, which held from 18th April 2012 to 20th April 2012 at Madrid (Spain).
2. UGC Minor Research Project Grant of Rs. 1.40 Lac received for Minor Research Project (File No. 47-1774/10(WRO) Dated 18th May 2011) to on the topic “**The Non-linear Acoustic Characterization of Bio-liquids**” for the period 2011-2013.

❖ My Personal Website (Dr. Gajendra R. Bedare) Link:

<https://grbedare.wixsite.com/drgajendrabedare>

❖ Google Scholar Citation Link:

<http://scholar.google.co.in/citations?user=gpVwxEgAAAAJ&hl=en>

Google Citations:

<u>Citation indices</u>	All
Citations	99
h-index	6
i10-index	5

WHO'S WHO in Acoustics in India and France 2013 (<http://www.acoustics2013newdelhi.org/>) pp. 49.

❖ My Youtube Video Link:

1. Biot - Savart's Law Video: https://youtu.be/OpZJ79_TP-U
2. Gravitation Video: <https://youtu.be/FNQ7NVdlBmQ>
3. Ultrasonics Part-I Video: <https://youtu.be/fZmFbUXDNE8>
4. Ultrasonics Part-II Video: https://youtu.be/_Wy2LE66XVg
5. Surface Tension Video: <https://youtu.be/sWWuJFTTlbl>
6. Viscosity Video: <https://www.youtube.com/watch?v=k0NHSFMYX30>
7. NSS Activities Video: <https://www.youtube.com/watch?v=884NSoFRaF0>
8. Covid-19 Vaccination & Awareness Video: <https://youtu.be/SljEzdpEhZE>
9. Elasticity Video: https://www.youtube.com/watch?v=SANiFnm4s_A

HONOURS AND AWARDS:

1. “Best NSS Program Officer, Gondwana University, Gadchiroli (Chandrapur District)” Award for the session 2021-2022 from Gondwana University, Gadchiroli
2. “Best Social Service Award” (**International-Level**): From Sidvi Foundation in International Conference on Multidisciplinary Innovative Research and Development 2023 (ICMIRD 2023) on 01 & 02-July-2023.
3. “Outstanding Scientist Award” (**International-Level**): 7th International Scientist Awards on Engineering, Science and Medicine 04 & 05-Jul-2020 Coimbatore, India.
4. Dr. A. P. J. Abdul Kalam (**National-Level**) ‘Teaching Excellence 2018’ at Marina Research Laboratory Chennai on Dated 13/10/2018.
5. **Shikshak-Ratna Samta Award (State-Level)** (2015): Samta Sahitya Academy, Pune (Reg. No. F-12028 (B)) on Dated 23rd May 2015.
6. **Rajyastariy Gunwat Shikshak Gungaurav Shikshakratna Purskar – 2021**: Manushyabal Vikas Loksewa Academy, Mumbai on 29/12/2021
7. Appreciation Award (2015) -Dr. Ambedkar Teachers’ Welfare Association, Nagpur (Reg. No.) on 08th March. 2015
8. Felicitations For Ph. D. (2015) - Dr. Babasaheb Ambedkar Gondwana University Young Teachers Association(Reg. No.) at Dr. Ambedkar College, Chandrapur on 09th Aug. 2015.
9. Appreciation Award (2015) – Kunbi Samaj, Chandrapur (Reg. No. 300/92) on Dated 16th Oct. 2022
10. Felicitations For Ph. D. (2015) – Shikshak Shikshaketar Karmachari Sahakari Patsanstha, Chandrapur (Reg. No. 118) on 30th Aug. 2015.

11. Appreciation Award (2015) – Kunbi Samaj, Chandrapur (Reg. No. 300/92) on Dated 08th Feb. 2015
12. Appreciation Award (2015) – Kunbi Samaj, Armori (Reg. No. 28/2013(Gad.)) on Dated 18th Jan. 2015
13. Felicitation For Ph. D. (2015) - N.S.Science and Arts College, Bhadrawati Dated 26th Jan. 2015
14. Felicitation For Spain Visit (2013) - N.S.Science and Arts College, Bhadrawati on Dated 11th Oct. 2013
15. Appreciation Award (2011) – Innovation – 2011, N. S .Science and Arts College, Bhadrawati Dated 28th Dec. 2011
16. WHO'S WHO in Acoustics in India and France 2013 (<http://www.acoustics2013newdelhi.org/>) pp. 49.

BEST RESEARCH PAPER AWARD:

Third International Online Multidisciplinary Research Conference (IOMRC-2020) Organized by: IARDO and Conference World & Osmania University Centre for International Program, *Osmania University Campus, Hyderabad (India)* on Dated 11th September 2020

BOOKS PUBLISHED: 07

1. New Insights on Chemical Research Vol. I, Book Publisher International, UK, Chapter 10 Print ISBN: 978-93-89246-82-7, eBook ISBN: 978-93-89246-83-4 (10th Dec. 2019) **Dr. G. R. Bedare** and others. (**Chapter in a Book**)
2. Physics For B. Sc. First Year Semester – II (Paper I & II) Das Ganu Publication, Nagpur, (2018) Dr. D. M. Pimpalshende and **Dr. G. R. Bedare** (ISBN: 978-93-84336-54-7)
3. Physics For B. Sc. First Year Semester – I (Paper I & II) Das Ganu Publication, Nagpur, (2018) Dr. D. M. Pimpalshende and **Dr. G. R. Bedare** (ISBN: 978-93-84336-41-7)
4. Thermal Physics and Statistical Mechanics III Sem. Paper I and II, Pragati Prakashan, Meerut, (2018) Agarwal, Kokode, Bahirwar, Patil, Manik, Thombare, **Bedare**, Singh, Pathak (ISBN: 978-93-87812-87-1)
5. Practical Physics B. Sc. Semester – I SaiJyoti Publication, Nagpur (ISBN: 978-93-81432-93-8) (2014), Dr. B. M. Suryavanshi, Prof. S. B. Gedam, Prof. P. B. Dabrase and **Dr. G. R. Bedare**
6. Practical Physics B. Sc. Semester – II SaiJyoti Publication, Nagpur (ISBN: 978-93-81432-51-8) (2015) Dr. B. M. Suryavanshi, Prof. P. B. Dabrase, **Dr. G. R. Bedare** and Prof. A. K. Patil
7. Practical Physics B. Sc. Semester – III SaiJyoti Publication, Nagpur (ISBN: 978-93-81432-92-1) (2014) Dr. B. M. Suryavanshi, **Dr. G. R. Bedare**, Prof. P. B. Dabrase and Prof. A. K. Patil

BOOKS INCLUDED AS A REFERENCE BOOKS IN GONWANA UNIVERSITY, GADCHIROLI B.SC. SYLLABUS: 02

1. Physics For B. Sc. First Year Semester – II (Paper I & II) Das Ganu Publication, Nagpur, (2018) Dr. D. M. Pimpalshende and **Dr. G. R. Bedare** (ISBN: 978-93-84336-54-7)
2. Physics For B. Sc. First Year Semester – I (Paper I & II) Das Ganu Publication, Nagpur, (2018) Dr. D. M. Pimpalshende and **Dr. G. R. Bedare** (ISBN: 978-93-84336-41-7)

MEMBER OF EDITORIAL BOARD OF BOOKS / PROCEEDING :

1. National Seminar on “Recent Trends In Mathematical, Physical, Chemical, Library And Life Sciences” (NCRMPCLS -2020) organized by N. S. Science And Arts College, Bhadrawati on 7th February 2020, Int. Res. J. of Science & Engineering, IRJSE ISSN: 2322-0015 2020; Special Issue A7: 243-248. (**Impact Factor - (Sjif) – 6.68**)

COMPUTER QUALIFICATION:

- “**POST GRADUATE DIPLOMA IN COMPUTER APPLICATION (P.G.D.C.A.)**” from IGNOU, Delhi in **June-2001**.
- “**DIPLOMA IN COMPUTERS IN OFFICE SERVICES (D.C.O.)**” conducted by “Yeshwantrao Chavan Maharashtra Open University”, Nashik in the year 1996.
- “**ADVANCE DIPLOMA IN SOFTWARE ENGINEERING (A.D.S.E.)**” conducted by “Aptech Computer Education, Nagpur & Columbia University” for 3 Years.

DRAWING QUALIFICATION:

- “**ELEMENTARY GRADE**” drawing examination held in the year 1988 conducted by Government of Maharashtra.
- “**INTERMEDIATE GRADE**” drawing examination held in the year 1989 conducted by Government of Maharashtra.

OTHER QUALIFICATION:

EXAM. PASSED	UNIVERSITY	YEAR OF PASSING	DIVISION
MATHEMATICS PRIMARY	BharatiVidyapeeth, Pune	1986	FIRST
ENGLISH PRIMARY	BharatiVidyapeeth, Pune	1987	FIRST
MATHEMATICS PRIMARY	BharatiVidyapeeth, Pune	1988	FIRST

- “RUNNER” in Badminton competition conducted by Multigame District Sports Council, Nagpur in 1986.

REFRESHER COURSE/ ORIENTATION PROGRAMME/SHORT TERM COURSE:

S.N.	COURSE	PLACE	DURATION	GRADE
1	ORIENTATION PROGRAMME	ASC, Nagpur	27-02-2006 to 26-03-2006	A
2	REFRESHER COURSE	ASC, Nagpur	18-10-2004 to 07-11-2004	A
3	REFRESHER COURSE	ASC, Nagpur	22-02-2010 to 14-03-2010	A
4	REFRESHER COURSE	ASC, Nagpur	04-03-2011 to 24-03-2011	A
5	SHORT TERM COURSE	ASC, Nagpur	08-12-2014 to 13-12-2014	---
6.	SHORT TERM COURSE on Research Methodology and Statistics	HRDC Guru Ghasidas Vishwavidyalaya, Bilaspur	04 th Nov to 09 th Nov 2019	---
7.	Online SHORT TERM COURSE on E-content development	HRDC Gujarat University	28 th May to 3 rd June 2020	---
8.	Online MOOCS One Week FDP on Academic Writing for Research	HRDC Ramanujan college, Delhi University	15 th May to 21 st May 2023	A+
9.	Online MOOCS One Week FDP on National Education Policy 2020	HRDC Ramanujan college, Delhi University	29 th May to 04 th June 2023	A+
10.	Online MOOCS One Week FDP on :Research Method and Research Design:	HRDC Ramanujan college, Delhi University	14 th August to 20 th August 2023	A+
11.	NSS Training for One Week	NSS ETI, Ahemadnagar College, Ahemadnagar	04 th August to 10 th August 2022	---
12.	Online SHORT TERM COURSE on E-content development	M. G. College, Saoli	12th June to 17 th June 2020	---
13.	National One Week FDP	N. S. Science and Arts College, Bhadrawati	09 th August to 14 th August 2021.	---
14.	National One Week FDP on Online Modalities & Professional Communication	RTM Nagpur University, Nagpur	14 th Feb to 18 th Feb 2022	---
15.	International One Week FDP on Research Methodology	Kamla Nehru Mahavidyalay, Nagpur	02 th May to 07 th May 2022	---
16.	National One Week FDP on Innovations: Teaching – Learning & Research	Vidya Vikas college, Samudrapur & Shri Shivaji college, Rajura	01 st June to 07 th June 2022	---

LIFE MEMBERSHIP:

1. International Association of Computer Science and Information Technology (IACSIT) – Membership No. - 80348357
2. Ultrasonic Society of India - Membership No. - LM-284
3. Indian Association of Physics Teachers (IAPT) – Membership No. - 10218L6487
4. Indian Association of Research and Development Organization (IARDO) - Membership No. - 899
5. Gondwana University Young Teachers Association
6. Dr. Babasaheb Ambedkar Gondwana University Young Teachers Association

EDITOR/ EDITORIAL BOARD MEMBER OF INTERNATIONAL JOURNAL:**07**

1. American Journal of Science and Technology (ISSN 2375-3846)
2. International Journal of Modern Physics and Application (ISSN 2375-3870)
3. International Journal of Advanced Research in Physical Science (ISSN 2349-7874 (Print) & ISSN 2349-7882 (Online))
4. International Journal of Biophysics and Biochemistry
5. Journal of Basic and Applied Research International (ISSN: 2395-3438 (Print), 2395-3446 (Online))
6. Journal of Applied Chemical Science International (ISSN: 2395-3705 (Print), ISSN: 2395-3713 (Online))
7. International Research Journal of Science & Engineering, IRJSE ISSN: 2322-0015 2020; Special Issue A7

REVIEWER OF INTERNATIONAL JOURNAL:**05**

1. American Journal of Science and Technology (ISSN 2375-3846)
2. International Journal of Modern Physics and Application (ISSN 2375-3870)
3. International Journal of Biophysics and Biochemistry
4. Journal of Basic and Applied Research International (ISSN: 2395-3438 (Print), 2395-3446 (Online))
5. Journal of Applied Chemical Science International (ISSN: 2395-3705 (Print), ISSN: 2395-3713 (Online))

INTERNATIONAL CONFERENCES/ NATIONAL SEMINAR/ SEMINAR/ WORKSHOP/ SYMPOSIUM ATTENDED: TOTAL: 75**INTERNATIONAL CONFERENCES: 20**

1. **International symposium** on 'Ultrasound in the Control of Industrial Processes (UCIP-2012)' on 18th to 20th April 2012 at **Madrid (Spain)**.
2. International Conference (**India - Singapore**) on 'Applied Physics and Mathematics (ICAPM 2012)' on 28th to 29th April 2012 at **Chennai**.
3. **International Conference (India - France)** on 'Technologies for Quieter India (ACOUSTICS2013)' on 10th to 15th Nov. 2013 at **New Delhi**.
4. **International Symposium** on Ultrasonics (ISU-2015) 'Ultrasound in Biomedical and Industrial applications' at Dept. of Physics RTM Nagpur University, **Nagpur** on Dated 22nd, 23rd and 24th January 2015.
5. **International Conference** on 'Advances In Engineering And Technology (ICAET-2014)' at Anjuman College of Engineering and Technology (ACET), **Nagpur** on 08 & 09 January 2014.
6. **International seminar** on 'Gravitation Theories and Astronomy' at N. S. Sci. & Arts College, **Bhadrawati** Dist- Chandrapur from 28th to 30th Dec. 2009.
7. International Conference on Dr. Babasaheb Ambedkar: Vision and 21st Century' at, **Nagpur** on 08th March 2015.
8. **International conference** on 'Emerging Trends in Applied Science and Mathematics' at Tulsiramji Gaikwad-Patil College of Engineering And Technology Mohgaon, **Nagpur** (Techscientia-16) on Dated 22nd & 23rd January, 2016.
9. 4th **International Conference** on "Emerging Trends & Research in Engineering, Technology & Science" at Dr. Rajendra Gode Institute of Technology & Research, **Amravati** during 30/03/2016 to 31/03/2016.
10. **International Conference** on Innovation and Development Future Smart City (ICIDFSC-17) Priyadarshini Institute of Engineering & Technology, Priyadarshini Campus, **Nagpur** on Dated 24th -25th March 2017.
11. **International Conference** on Emerging Trends in Engineering, Technology, Science and Management at IIMT College of Engineering, Greater Noida, **New Delhi** on Dated 12th April 2017.
12. **International Conference** on Advances in Chemical Sciences and Allied fields of Science, Health, Education and Environment at Carrier College, **Bhopal** on Dated 8-10th March 2018.
13. **International Conference** on Recent Trends in Science and Technology at S.S.S.K.R. Innani College, **Karanja (Lad)** on Dated 22 -23rd March 2018.
14. **International Conference** on 'Multifunctional Advanced Materials' organized by Kamla Nehru Mahavidyalaya, **Nagpur** on 5-7 Oct. 2018.

15. **International Conference** on 'Green Energy for Sustainable Development – 2019', at Government Polytechnic, Nagpur on Dated 26th and 27th Feb. 2019.
16. **5th International Conference** on Innovation and Research in Engineering, Science & Technology (ICIREST-19) held at Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur on Dated 22nd – 23rd March 2019.
17. **International Conference (Online)** on "Role of Nanoparticles and Chemistry for Sustainable Development" organized by N. S. Science and Arts College, Bhadrawati on 1st July 2020.
18. **International e- Conference** on Innovation and Recent Trends in Science, Technology and Management [STM-2K22] organized by N. S. Science and Arts College, Bhadrawati on 30-31st August 2022.
19. **International Conference** on Recent Trends in Multidisciplinary Researchers -2023[ICRTMR-2023] (14th & 15th Jan. 2023)
20. **International Conference** on Multidisciplinary Innovative Research and Development 2023 (ICMIRD 2023) on 01 & 02-July-2023.

NATIONAL CONFERENCES: 30

1. National seminar on 'Advanced Materials' organized by Prof. Kulkarni felicitation committee, Nagpur on 20th Dec. 2003.
2. National seminar on 'Advanced Materials' organized by Kamla Nehru Mahavidyalaya, Nagpur on 1st Feb. 2004.
3. National conference on 'Recent Trends in Nanoscience' organized by Kamla Nehru Mahavidyalaya, Nagpur on 15th Jan. 2006.
4. National conference on 'Recent Trends in Materials' organized by Dr. Ambedkar College, Nagpur on 21st& 22nd Jan. 2006.
5. National seminar on 'Advanced Materials' organized by Dept. of Chemistry, R. T. M. Nagpur University, Nagpur on 12th Feb. 2007.
6. National conference on 'Recent Trends in Basic & Applied Materials' organized by Dept. of Physics, Institute of Science, Nagpur on 10th& 11th Jan. 2009.
7. National conference on 'Novel Materials And Their Applications' organized by N. S. Sci. and Arts college, Bhadrawati on 18th Dec. 2010.
8. National conference on 'Nanoscience And Nanotechnology' organized by M. G. Arts, Sci. & Late N. P. Comm. College, Armori on 6th Jan. 2011.
9. National conference on 'NanoscienceAnd Technology' organized by Science College, Nagpur on 21st&22nd Feb. 2011.
10. National conference on ' Pt. Jawaharlal Nehru, His Legacy And Modern India' organized by N. S. Sci. and Arts college, Bhadrawati on 28th Mar. 2011.
11. National conference on 'Synthesis and Characterization of Advanced Materials' at JanataMahavidyalaya, Chandrapur on 8th Oct. 2011.
12. National conference on 'Recent Trends in Material Synthesis & Characterization' at Bhalerao Science college, Saoner on 17th Dec. 2011.
13. National conference on 'Technologies In Engineering and Science for Energy Applications' at Dr. Ambedkar College, Nagpur on 02th & 03rd Jan. 2012.
14. National Conference on 'Materials Characterization By Ultrasonics' at Amity School of Engineering & Technology, New Delhi on 03rd& 04th April 2012.
15. National Conference on 'Recent Trends in Bio-Diversity Conservation and Management' organized by N. S. Science And Arts College, Bhadrawati on 11th Jan. 2013.
16. National Conference on 'Materials Preparation and Characterization: Nanoparticles and Future Trends' at Sindhu college, Nagpur on 24th Feb. 2013
17. National Conference on 'Relevance of Pt. Nehru's Foreign Policy in 21st Century' organized by N. S. Science And Arts College, Bhadrawati on 28th March 2013.
18. National Conference on 'Global Innovations in Physics' at ChhatrapatiShivaji Institute of Technology, Durg (C.G.) on 12th -13th April 2013.
19. National Conference on 'VIMARSH 2013' at Chouksey Engineering College,Bliaspur (Chhattisgadh) on 12th Sept. 2013.
20. National Conference on 'Material Characterization and Their Applications' at AnandNiketan College, Warora on 6th Feb. 2014.
21. National conference on April 25th - 26th, 2014 at ChhatrapatiShivaji Institute of Technology, Shivaji Nagar, Durg(Chhattisgadh).
22. National Conference on 'Futuristic Materials' (NSFM-2015) at N. S. Science and Arts College, Bhadrawati on Dated 04th February, 2015.
23. National Conference on 'Novel Synthesis of Advance Materials And Their Applications (NSAMA-2015)' atArts, Commerce & Science College, Maregaon (Road)Dist. Yavatmal on Dated 16th February, 2015.
24. National Conference on 'Awareness and Applications of the Synchrotron Beamlines'atAnandNiketan College, Warora on 25thJan. 2016.
25. National conference on Biodiversity Conservation and Sustainable Development' at Janta College, Chandrapur on Dated 6th February, 2016.
26. National conference on Vision Document of Gondwana University, Gadchiroli' at Govt.

- Engineering College, Chandrapur on Dated 04th & 05th March 2017.
27. National conference on 'Multifunctional Advanced Materials' organized by Kamla Nehru Mahavidyalaya, Nagpur on 17th & 18th Mar. 2017.
 28. National Conference on 'Emerging Trends in Science – 2019', at Vidyabharti Mahavidyalay, Amravati on Dated 1st and 2nd Feb. 2019.
 29. National Conference on 'Emerging Trends in Engineering, Science & Technology', at Sai Engineering College, Bhadrawati on Dated 22nd Feb. 2019.
 30. National Seminar on "Recent Trends In Mathematical, Physical, Chemical, Library And Life Sciences" (NCRTMPCLS -2020) organized by N. S. Science And Arts College, Bhadrawati on 7th February 2020.
 31. National Conference on 'Millets', at N. S. Science and Arts College, Bhadrawati on Dated 24th February, 2023.

SEMINAR: 05

1. Vidarbha Universities Physics Teachers Association's (VUPTA) seminar in Physics held at R. S. Bidkar college of Arts, Commerce & Science, Hinganghat on 24th & 25th Jan. 2004
2. Vidarbha Universities Physics Teachers Association's (VUPTA) seminar in Physics held at Sardar Patel Mahavidyalaya, Chandrapur on 29th & 30th Jan. 2005
3. Seminar on 'Recent Developments in Physics' at Janata Mahavidyalaya, Chandrapur on 6th Dec. 2008.
4. Vidarbha Universities Physics Teachers Association's (VUPTA) seminar in Physics held at Sai Engineering college, Bhadrawati on 8th & 9th Feb. 2014.
5. Vidarbha Universities Physics Teachers Association's (VUPTA) seminar in Physics held at Sri. Dnyanesh Mahavidyalaya, Navargaon on 24th & 25th Sep. 2016.

WORKSHOP: 17

1. Vidarbha Universities Physics Teachers Association's (VUPTA) workshop on 'Teaching Physics in the framework of U. G. C. Guidelines: A New Approach' held at Dept. of Physics, Institute of Science, Nagpur on 24th Aug. 2002.
2. Workshop on 'Compulsory course on Environmental Studies' organized by R. T. M. Nagpur University, Nagpur held at Sevadal Mahavidyalaya & Research Academy, Nagpur on 12th July 2007.
3. National Workshop on 'Introducing People's Bio Diversity Register as A Part of Environmental Studies' organized by M. G. Arts, Science & Late N. P. Comm. College, Armori on 25th & 26th Aug. 2008.
4. Workshop on 'Advanced Materials' organized by N. S. Sci. and Arts college, Bhadrawati on 27th Sept. 2011.
5. Workshop on 'Discussion of Syllabus of B.Sc. Physics', organized by Dr. Ambedkar College, Nagpur on 09th Oct. 2011.
6. Workshop on 'Discussion of Syllabus of B. Sc. Part I & II Physics', organized by Anand Niketan College, Warora & Gondwana University, Gadchiroli on 07th July 2012.
7. Workshop on 'Discussion of Syllabus of B. Sc. Part II Physics', organized by N. H. College, Bramhapuri & Gondwana University, Gadchiroli on 21st July 2013.
8. Workshop on 'Discussion of Scope of Syllabus of B. Sc. Part III Sem. V & VI Physics', organized by N. S. Sci. and Arts college, Bhadrawati & Gondwana University, Gadchiroli on 06th July 2014.
9. Workshop on 'Research Writing' organized by Dr. Babasaheb Ambedkar Gondwana University Young Teachers Association at Dr. Ambedkar College, Chandrapur on 09th Aug. 2015.
10. Workshop (Statelevel) on 'Maharashtra University Act 2016 & C.B.C.S. Pattern' organized by Dr. Babasaheb Ambedkar Gondwana University Young Teachers Association at Dr. Ambedkar College, Chandrapur on 25th Feb. 2017.
11. Workshop on 'C.B.C.S. Pattern' organized by Sri. Dnyanesh Mahavidyalaya, Navargaon on 16th April 2017.
12. Workshop on 'Scope of Syllabi' organized by Sardar Patel Mahavidyalaya, Chandrapur on 19th Aug. 2017.
13. Workshop on 'CBCS Syllabus for B. Sc, Semester III & IV in Physics' organized by N. S. College, Mulchera, Chandrapur on 26th April 2018.
14. Workshop on 'PBAS, API and New UGC Regulations & Amendments', organized by Anand Niketan College, Warora & Gondwana University, Gadchiroli on 12th Sept. 2018.
15. Workshop on 'Yuva Mahitidoot', organized by Maharashtra State Govt., UNISEF & Gondwana University, Gadchiroli at Mahi Sanchalaya Karyalay, Prashaskiy Bhavan, Chandrapur on 12th Oct. 2018.
16. Workshop on 'CBCS Syllabus for B. Sc, Semester V & VI in Physics' organized by Gurunanak College, Ballarshah, Chandrapur on 20th July 2019.
17. Workshop on 'Pledge for life Tobacco Free Youth Campaign' organized by NSS Dept. Gondwana University, Gadchiroli at Sardar Patel Mahavidyalaya, Chandrapur on 29th Nov. 2019.

SYMPOSIUM: 02

1. University Level Symposium on 'Fibre Optic Communication' held at Dr. Ambedkar Arts, Comm. & Science College, Chandrapur on 30th Jan. 2003.
2. National Symposium on 'Emerging Techniques in Material Science' organized by Shri. Mathuradas Mohota College of Science, Nagpur on 22nd August 2009.

ABSTRACT PUBLISHED IN NATIONAL SEMINAR: TOTAL: 04

1. Abstract published (Poster presentation) on the topic '**Dielectric measurements of plastic and composite films**' in National conference on 'Recent Trends in Basic & Applied Materials' organized by Dept. of Physics, Institute of Science, Nagpur on 10th & 11th Jan. 2009.
2. Abstract published (Poster presentation) on the topic '**Molecular interaction study of two aliphatic alcohols with 1,4 dioxane**' in National conference on 'Novel Materials And Their Applications' organized by N. S. Sci. and Arts college, Bhadrawati on 18th Dec. 2010.
3. Abstract published (Poster presentation) on the topic '**Ultrasonic study of Molecular interactions in binary liquid mixtures: acrylonitrile and methylmethacrylate in methanol, cyclohexane & p-dioxane**' in National conference on 'Novel Materials And Their Applications' organized by N. S. Sci. and Arts college, Bhadrawati on 18th Dec. 2010.
4. Abstract published (Poster presentation) on the topic '**Molecular interaction study of two aliphatic alcohols with cyclohexane**' in National conference on 'Nanoscience and Nanotechnology' organized by M. G. Arts, Sci. & Late N. P. Comm. College, Armori on 6th Jan. 2011.

List of Publications:

A) Research Papers Published in National and International Journals: 65

2. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, 'Physico-chemical and Excess Thermodynamic Properties of Methanol & Ethanol with 1, 4-Dioxane at 308K' in *International Symposium on Ultrasound in the Control of Industrial Processes*, which held from 18th April 2012 To 20th April 2012 at **Madrid (Spain)** and the proceedings of the conference published in the **Open Access IOP Conference Series: Materials Science and Engineering** **42 (2012) 012028 (ISSN NO.: 1757-899X)** which is published by the Institute of Physics, Publishing in the **UK. (IMPACT FACTOR: 0.297)**
3. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, Study of molecular interactions in the binary liquid mixtures from acoustic and thermodynamic parameters at 303K, in International Conference on 'Advances In Engineering And Technology (ICAET-2014)' at Anjuman College of Engineering and Technology (ACET), Nagpur on 08 & 09 January 2014, published in *IOSR Journal of Physics* (ISSN: 2278-4861), ICAET-2014, Special Issue Vol. 1 PP: 36-39. **(IMPACT FACTOR: 1.345)**
4. **V. D. Bhandakkar, G. R. Bedare and B. M. Suryavanshi**, Acoustical and excess thermodynamical parameters of binary liquid mixtures at 308K and 2 MHz frequency, in International Conference on 'Advances In Engineering And Technology (ICAET-2014)' at Anjuman College of Engineering and Technology (ACET), Nagpur on 08 & 09 January 2014, published in *IOSR Journal of Physics* (ISSN: 2278-4861), ICAET-2014, Special Issue Vol. 1 PP: 40-43. **(IMPACT FACTOR: 1.345)**
5. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, 'Molecular interaction study of two aliphatic alcohols with 1,4 dioxane at 298 °K', '*Archives of Applied Science Research*', 2011, 3 (5):332-338, (ISSN NO. 0975-508X) **SJIF 2013 = 5.056 (Scientific Journal Impact Factor Value for 2013).**
6. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, 'Evaluation of Ultrasonic Parameters of Bio-liquids At Different Temperatures', National Conference on 'Recent Trends in Bio-Diversity Conservation and Management' N. S. Science And Arts College, Bhadrawati on 11th Jan. 2013, *Indian Streams Research Journal*, 2013, 21-24, (ISSN NO. 2230-7850) **(GLOBAL IMPACT FACTOR: 2.1506 (2013)).**
7. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, 'Ultrasonic Study of Molecular Interactions in Binary Mixtures at 308 K', *European Journal of Applied Engineering & Science Research*, 2012, 1(1): 1-4 (ISSN: 2278 – 0041). **(SJIF 2013 = 3.496 (Scientific Journal Impact Factor Value for 2013))**
8. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, in International Symposium on Ultrasonics (ISU-2015) 'Ultrasound in Biomedical and Industrial applications' on Dated 22nd, 23rd and 24th January 2015 at Dept. of Physics RTM Nagpur University, **Nagpur**, International Journal of Science and Research ISSN 2319-7064 Special Issue PP: 84-87 **(SJIF 2013 = 4.438 (Scientific Journal Impact Factor Value for 2013))**
9. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, 'Acoustic Behavior of Cinnamaldehyde in Polar and Non-polar Liquids at 298K', *International Journal Der Pharmacia Sinica*, 2013, 4(1), 97-101, (ISSN 0976 –8688). **(SJIF 2013 = 4.141 (Scientific Journal Impact Factor Value for 2013)) (GLOBAL IMPACT FACTOR: 0.527 (2014)).**
10. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, 'Molecular Interaction Parameters of Binary Mixtures of Acrylonitrile In Polar and Non-polar Liquids at 298K', *Der Chemica Sinica*, 2013, 4(1), 132-136, (ISSN: 0976–8505). **(SJIF 2013 = 4.098 (Scientific Journal Impact Factor Value for 2013)) (GLOBAL IMPACT FACTOR: 0.516 (2014)).**

11. **V. D. Bhandakkar, G. R. Bedare, V. D. Muley and B. M. Suryavanshi**, ‘Molecular Interactions of Acrylonitrile and Methylmethacrylate in Methanol, Cyclohexane & P-dioxane’, ‘**Advances in Applied Science Research**’, 2011, 2 (4):338-347 (ISSN: 0976-8610).(SJIF 2013 = 5.001 (Scientific Journal Impact Factor Value for 2013)) (GLOBAL IMPACT FACTOR: 0.421 (2014)).
12. **G. R. Bedare, B. M. Suryavanshi and V. D. Bhandakkar**, International Journal of Advanced Research in Physical Science (IJARPS) ISSN 2349-7874 (Print) & ISSN 2349-7882 (Online) Volume 1, Issue 5, September 2014, PP 1-5.(SJIF 2014 = 2.228 (Scientific Journal Impact Factor Value for 2014))
13. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, ‘Studies of Acoustic and Thermodynamic Properties of Binary Liquid Mixtures at 308 K’, *International Journal of Chemical & Pharmaceutical Research*, 2012, 4(2):1028-1032,(ISSN NO. 0975-7384).SJR(Elsevier) Impact Factor : 0.75(for year 2014), SJIF 2013 = 4.805 (Scientific Journal Impact Factor Value for 2013), (GLOBAL IMPACT FACTOR: 0.467(2014)).
14. **Gajendra R. Bedare**, 4th International Conference On "Emerging Trends & Research in Engineering, Technology & Science" at Dr. Rajendra Gode Institute of Technology & Research, Amravati during 30/03/2016 to 31/03/2016, International Journal of Pure & Applied Research in Engineering & Technology (IJPRET), Volume 4 (9),PP: 20-27(ISSN: 2319-507X)(Impact factor 4.226).
15. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, National Conference on Multifunctional Advanced Materials (NCMAM-2017) at Kamla Nehru Mahavidyalaya, Nagpur on Dated 17th -18th March 2017 (ISBN : 9789386011855 Conference Proceeding PP: 17), BIONANO FRONTIER NCMAM-2017 Print ISSN 0974-0678, Online:2320-9593,PP: 161-163.(Impact Factor: 4.856)
16. **A. B. Dhote, G. R. Bedare**, International Conference on Innovation and Development Future Smart City (ICIDFSC-17) Priyadarshini Institute of Engineering & Technology, Priyadarshini Campus, Nagpur on Dated 24th -25th March 2017, International Journal of Science, Engineering and Management (IJSEM) ISSN (Online) 2456 -1304 Vol 2, Issue 3, March 2017PP: 52-54. (Impact Factor: 1.73)
17. **A. B. Dhote, G. R. Bedare**, International Conference on Emerging Trends in Engineering, Technology, Science and Management at IIMT College of Engineering, Greater Noida, New Delhi on Dated 12th April 2017 (ISBN : 978-93-86171-38-2 Conference Proceeding PP:85-87). International Journal of Advance Research in Science and Engineering, ISSN(O): 2319-8354, ISSN(P): 2319-8346, Vol. 6 Issue 4 April 2017, PP 548-550. (Impact Factor: 2.83)
18. **A. B. Dhote, G. R. Bedare and S. B. Rewatkar**, International Conference on Advances in Chemical Sciences and Allied fields of Science, Health, Education and Environment at Carrier College, Bhopal on Dated 8-10th March 2018. International Journal of Recent Trends in Science and Technology, P-ISSN 2277-2812 E-ISSN 2249-8109 Special Issue, ACAEE: 2018 pp 34-36(SJIF Impact Factor 4.15)
19. **G. R. Bedare and A. B. Dhote**, National Seminar on Modern Perspectives in Life Sciences (MPLS-2018), International Journal of Life Sciences, March 2018, Special Issue A 12: March 2018:55-57 UGC Approved Journal No. 48951 (SJIF Impact Factor 4.23)
20. **A. B. Dhote, G. R. Bedare and S. S. Aswale**, International Conference on Recent Trends in Science and Technology at S.S.S.K.R. Innani College, Karanja (Lad) on Dated 22 -23rd March 2018 Journal – Aayushi International Interdisciplinary Research Journal (AIIRJ) Special Issue 25 P No. 552.ISSN 2349-638X. (Impact Factor 4.574)
21. **A. B. Dhote, G. R. Bedare**, International Conference on ‘Multifunctional Advanced Materials’ organized by Kamla Nehru Mahavidyalaya, Nagpur on 5-7 Oct. 2018, International Journal of Current Engineering and Scientific Research (IJCESR) (ISSN (Print): 2393-8374 (Online):2394-0697) Vol. 6 Issue 1 Part III, 2019 PP. 216-218. (Impact Factor - (Sjif) – 6.263) DOI: 10.21276/Ijcesr
22. **A. B. Dhote, G. R. Bedare**, National Conference on ‘Emerging Trends in Science – 2019’, at Vidyabharti Mahavidyalay, Amravati on Dated 1st and 2nd Feb. 2019. ‘Research Journey’ International E- Research Journal Special Issue 110 (B): Chemistry UGC Approved Journal Issn :2348-7143 February -2019 PP: 37-39.(Impact Factor - (Sjif) – 6.261, (Cif) - 3.452(2015), (Gif)–0.676)
23. **A. B. Dhote, G. R. Bedare**, 5th International Conference on ‘Management Practices, Innovations and Research (MPIR-19) held at Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur on Dated 22nd – 23rd March 2019, IOSR Journal of Engineering, ISSN (e): 2250-3021. ISSN (P): 2278-8719, ICIREST-19 VOL. 1, pp. 01-02. (Impact Factor - 6.645)
24. **G. R. Bedare, A. B. Dhote**, 5th International Conference on Innovations and Research in Engineering, Science & Technology (ICIREST-19) held at Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur on Dated 22nd – 23rd March 2019, IOSR Journal of Engineering, ISSN (e): 2250-3021. ISSN (P): 2278-8719, ICIREST-19 VOL. 1, pp.15-17. (Impact Factor -6.645)
25. **A. B. Dhote, G. R. Bedare**, “International Conference on Management Practices Innovations and Research “ (MPIR-19) held at Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur on Dated 20th – 21st December 2019, IOSR Journal of Engineering, ISSN (e): 2250-

26. **Dhawankar Sachin H, Patil Avish, Zade Damodhar B, Gedam Shashikant B, Bedare Gajendra R and Punyapreddiwar Nitesh D**, National Seminar on “Recent Trends In Mathematical, Physical, Chemical, Library And Life Sciences” (NCRTMPCLS -2020) organized by N. S. Science And Arts College, Bhadrawati on 7th February 2020, Int. Res. J. of Science & Engineering, IRJSE ISSN: 2322-0015 2020; Special Issue A7: 206-208. (Impact Factor - (Sjif) – 6.68)
27. **A. B. Dhote, G. R. Bedare**, National Seminar on “Recent Trends In Mathematical, Physical, 9Chemical, Library And Life Sciences” (NCRTMPCLS -2020) organized by N. S. Science And Arts College, Bhadrawati on 7th February 2020, Int. Res. J. of Science & Engineering, IRJSE ISSN: 2322-0015 2020; Special Issue A7: 238-242. (Impact Factor - (Sjif) – 6.68)
28. **Bhandakkar V. D., Bedare GR & Rode Shweta**, National Seminar on “Recent Trends In Mathematical, Physical, Chemical, Library And Life Sciences” (NCRTMPCLS -2020) organized by N. S. Science And Arts College, Bhadrawati on 7th February 2020, Int. Res. J. of Science & Engineering, IRJSE ISSN: 2322-0015 2020; Special Issue A7: 243-248. (Impact Factor - (Sjif) – 6.68)
29. **A. B. Dhote, G. R. Bedare**, 4th International Conference on “New Horizons in Science, Engineering and Management and Humanities” organized by IIMT college of Engineering, Greater Noida on 27th March 2020, Sustainable Humanosphere, ISSN: 1880 -6503, March 2020 Volume: 16 Issue: 1 PP 2090-2094 Conference Proceeding (ISBN NO. 978-93-90103-00-3) PP 681-687. (Impact Factor - (SJR 2018) – 0.14)
30. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, ‘Study of Acoustical Parameters of Binary Liquid Mixtures at 298K’ in **International Conference on Applied Physics and Mathematics (ICAPM 2012), Chennai** in the **International Journal of Applied Physics and Mathematics** Volume 2 Number 3, P: 197-200, May 2012 of **IPCSIT Journal (ISSN: 2010-362X)**, organised by **Singapore Institute of Electronics** and included in the Engineering & Technology Digital Library, Google Scholar, WorldCat and Thomson ISI Proceedings.
31. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, ‘Studies in Acoustical and Thermodynamic properties of Binary Mixtures at 303 K’, *Indian Journal of Pure Applied and Industrial Physics*, 2013, 3(1), 63-67, (ISSN: 2319-7617).
32. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, ‘Acoustical Studies on Molecular Interactions in Binary Liquid Mixtures at 298 K’ in National conference on ‘Recent Trends in Material Synthesis & Characterization’ (ISBN NO. 978-81-922229-1-2) organized by Bhalerao Science College, Saoner on 17th Dec. 2011, PP. 14-19.
33. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, ‘Ultrasonic Study of Molecular Interactions in Binary Mixtures of 1, 4-Dioxane with Aliphatic Alcohols at 308K’, *Journal of Pure Applied Ultrasonics*, 35 (2013) PP 23-26.
34. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, ‘Molecular Interaction Study of Cinnamaldehyde in Acetone at Different temperatures’ in National Conference on ‘Materials Preparation and Characterization: Nanoparticles and Future Trends’ at Sindhu college, **Nagpur** on 24th Feb. 2013 (ISBN : 978-93-82351-20-7) pp. 74-77.
35. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, ‘Molecular Interaction Study of Acrylonitrile in Acetone at Different temperatures’ in National Conference on ‘Global Innovations in Physics’ at Chhatrapati Shivaji Institute of Technology, **Durg (C.G.)** on 12th -13th April 2013 (ISBN : 978-81-923288-1-2 Conference Proceeding).
36. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, ‘Ultrasonic Study of Methylmethacrylate in 1,4-dioxane at 298 K and 2 MHz Frequency’ in **International Journal of Research in Pure and Applied Physics** (ISSN 2278-134X) 2013; 3(3): 20-22.
37. **G. R. Bedare**, ‘Jawaharlal Nehru's Foreign Policy and 21st Century’ in National Conference on ‘Relevance of Pt. Nehru’s Foreign Policy in 21st Century’ organized by N. S. Science And Arts College, Bhadrawati on 28th Mar. 2013.
38. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, ‘Molecular interaction study of two aliphatic alcohols with 1,4 -dioxane’ in National conference on ‘Nanoscience And Technology’ organized by Science College, Nagpur on 21st & 22nd Feb. 2011, Conference Proceeding pp. 262-265.
39. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, ‘Molecular Interactions by Ultrasonic Velocity, Viscosity and Density Measurements in Binary Mixtures at 303 K and 4 MHz Frequency’ in National Conference on ‘VIMARSH 2013’ at Chouksey Engineering College, **Bliaspur (Chhattisgarh)** on 12th Sept. 2013.
40. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, Molecular Interactions by Ultrasonic Velocity, Density and Viscosity Measurements in Binary Mixtures at 303 K and 4 MHz Frequency, Science Park 2013,1(4).
41. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, Thermo-acoustical and nonlinear molecular interaction studies in binary liquid mixtures at 298K and 4 MHz Frequency, in International Conference on ‘Technologies for Quieter India (ACOUSTICS2013)’ on 10th to 15th Nov. 2013 at **New Delhi (ISSN : 0973-3302 Conference Proceeding P:470-474)**.
42. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, Ultrasonic investigation of molecular interactions in binary liquid mixtures at 303K, in International Conference on ‘Technologies for

Quieter India (ACOUSTICS2013)' on 10th to 15th Nov. 2013 at *New Delhi* (ISSN : 0973-3302 Conference Proceeding P:475-480).

43. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, Studies of Acoustic and Thermodynamic Properties of Binary Mixtures at 303 K and 4 MHz Frequency, in Twentieth National Symposium on Ultrasonics (NSU-XX) at Cuttack (Odisha) on 24 & 25 January 2014 (ISBN : 978-81-926579-1-2 Conference Proceeding PP: 250-252).
44. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, National Conference on 'Material Characterization and Their Applications' at Anand Niketan College, Warora on 6th Feb. 2014 (ISSN: 2229-5836 Journal of Science Information, Special Issue - 9 (Conference Proceeding) PP: 56-59).
45. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, Acoustical Studies on Binary Liquid Mixture of Cinnamaldehyde in 1, 4-Dioxane at 298K Temperature, International Journal of Innovation in Science and Mathematics (IJISM)(ISSN: 2347 – 9051), IJISM 2.2 (2014): 213-214.
46. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, Study of Acoustical Parameters of Binary Mixtures at 303 K and 4 MHz Frequency, SVRM SCIENCE JOURNAL, E-ISSN: 2348-2923, Vol. 2 Issue 1 2014 (Jan-Mar) PP. 10-15.
47. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, National conference on April 25th - 26th, 2014 at Chhatrapati Shivaji Institute of Technology, Shivaji Nagar, Durg (Chhattisgarh) ISBN: 978-81-923288-2-9 PP: 9.5-9.8.
48. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, National Conference On 'Futuristic Materials' (NSFM-2015) at N. S. Science and Arts College, Bhadrawati on Dated 04th February, 2015, Sunrise Multidisciplinary Research Journal, ISSN 2319-8214 (Print) Volume 2, Issue 4, Special Issue (Conference Proceeding) PP:52-56.
49. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, National Conference On 'Novel Synthesis Of Advance Materials And Their Applications (NSAMA-2015)' at Arts, Commerce & Science College, Maregaon (Road) Dist. Yavatmal on Dated 16th February, 2015 (ISBN : 978-81-930894-1-5 Conference Proceeding PP:187-191).
50. **G. R. Bedare**, Journal of Applied Chemical Science International, Volume 5, Issue 2, 2015 PP:59-63 (ISSN: 2395-3705 (Print), ISSN: 2395-3713 (Online).
51. **G. R. Bedare**, International conference on 'Emerging Trends in Applied Science and Mathematics' at Tulsiramji Gaikwad-Patil College of Engineering And Technology Mohgaon, Nagpur (Techscientia-16) on Dated 22nd & 23rd January, 2016 Journal –Techchronicle (ISSN :2454-1958) Special Issue, pp: 65-68.
52. **G. R. Bedare, V. D. Bhandakkar and B. M. Suryavanshi**, National conference on Biodiversity Conservation and Sustainable Development' at Janta College, Chandrapur on Dated 6th February, 2016.
53. **A. B. Dhote, G. R. Bedare**, National Conference on 'Emerging Trends in Engineering, Science & Technology', at Sai Engineering College, Bhadrawati on Dated 22nd Feb. 2019, Conference Proceeding pp. 134.
54. **A. B. Dhote, G. R. Bedare**, International Conference on 'Green Energy for Sustainable Development-2019' (ICGESD-19) on 26th and 27th February 2019 jointly organized by Government Polytechnic, Nagpur and Maharashtra State of Board of Technical Education, Mumbai, Conference Proceeding pp.8.
55. **A. B. Dhote, G. R. Bedare**, Proceedings of International Conference on 'Ultrasonics and Materials for Advanced Technology-2019' (ICUMST-19) on 16th-18th Nov. 2019 jointly organized by Department of Physics Prof. Rajendra Singh (Rajju Bhaiya) Institute of Physical Sciences for Study and Research Veer Bahadur Singh Purvanchal University, Jaunpur-222003, U.P., India In collaboration with Ultrasonics Society of India National Physical Laboratory, New Delhi – 110012, India (ISBN NO. 978-81-8487-703-8) PP 75-78.
56. **Kumbhare S. V., Kinnake S. V., Shende A. U., Bedare G. R.**, National Seminar on "Recent Trends In Mathematical, Physical, Chemical, Library And Life Sciences" (NCRTMPCLS -2020) organized by N. S. Science And Arts College, Bhadrawati on 7th February 2020. (Poster)
57. **A. B. Dhote, G. R. Bedare**, 4th International Conference (Online) on "Recent Trends & Research in Engineering & Science" [ICRTRES 2K20] organized by Padmashri Dr. V.B. Kolte College of Engineering, Malkapur, Dist - Buldhana on 02 - 03 May 2020, International Journal of Interdisciplinary Innovative Research & Development (IJIIRD) ISSN: 2456-236X Vol. 05 Special Issue 01 | 2020 PP 188-191. (5.222(SJIF))
58. **G. R. Bedare, A. B. Dhote**, Third International Online Multidisciplinary Research Conference (IOMRC-2020) Organized by: IARDO and Conference World & Osmania University Centre for International Program, Osmania University Campus, Hyderabad (India) on Dated 11th September 2020, Journal of Information and Computational Science ISSN: 1548-7741 Volume 13 Issue 9 – 2020 PP:20-23. (UGC-CARE List Group II) (SJR 6.2)
59. **G. R. Bedare, A. B. Dhote**, International Journal of Scientific Research in Science and Technology IJSRST 2021 Volume 8 - Issue 1 Page No : 90-93 International E-conference on "Recent Advances in Material Science and Nanotechnology" a organized by Arts, Comm. And Science college, Maregaon on Dated 07 to 9th Feb. 2021 (UGC Approved Journal No : 64011) (7.214)

60. **A. B. Dhote, G. R. Bedare**, International Journal of Scientific Research in Science and Technology Volume 9 | Issue 6 | (www.ijrst.com) 13th October 2021 Print ISSN: 2395-6011 | Online ISSN: 2395-602X **5.327 (SJIF) UGC Approved Journal No. 64011**
61. **A. B. Dhote, G. R. Bedare**, International Journal Galaxy Link Vol. X Issue - II , May 2022 ISSN: 2319-8508 **6.495 (SJIF) UGC Listed Journal No. 47023**
62. **S. V. Kumbhare, G. R. Bedare**, International e- Conference on Innovation and Recent Trends in Science, Technology and Management 2022 [STM-2022) International Journal of Advance Research in Science and Engineering (IJARSE) ISSN (P) 2319-8346 ISSN (O) 2319-8354 Vol. 11 Issue 08. Aug. 2022 PP: 54-56 (**Impact Factor 6.1 (SJIF)**).
63. **A. U. Shende, G. R. Bedare**, International Conference on Recent Trends in Multidisciplinary Researchers -2023[ICRTMR-2023) (14th & 15th Jan. 2023) INTERNATIONAL JOURNAL OF RESEARCHES IN BIOSCIENCES, AGRICULTURE AND TECHNOLOGY, I J R B A T, e-ISSN 2347 – 517X Issue (XI) Vol (II) May 2023 : PP: 17-20
64. **S. V. Kinnake, G. R. Bedare**, International Conference on Recent Trends in Multidisciplinary Researchers -2023[ICRTMR-2023) (14th & 15th Jan. 2023) INTERNATIONAL JOURNAL OF RESEARCHES IN BIOSCIENCES, AGRICULTURE AND TECHNOLOGY, I J R B A T, e-ISSN 2347 – 517X Issue (XI) Vol (II) May 2023 : PP: 54- 56
65. **S. V. Kumbhare, G. R. Bedare**, International Conference on Recent Trends in Multidisciplinary Researchers -2023[ICRTMR-2023) (14th & 15th Jan. 2023) INTERNATIONAL JOURNAL OF RESEARCHES IN BIOSCIENCES, AGRICULTURE AND TECHNOLOGY, I J R B A T, e-ISSN 2347 – 517X Issue (XI) Vol (II) May 2023 : PP: 282-284

B) Research Papers Presented in International Conferences and National Conferences: (20+ 17 = 37)

1. **International Symposium** on 'Ultrasound in the Control of Industrial Processes (UCIP-2012)' on 18th to 20th April 2012 at **Madrid (Spain)**.
2. **International Conference** on 'Applied Physics and Mathematics (ICAPM 2012)' on 28th to 29th April 2012 at **Chennai (India)**.
3. **International Symposium** on Ultrasonics (ISU-2015) ' Ultrasound in Biomedical and Industrial applications' on Dated 22nd, 23rd and 24th January 2015.
4. **International Conference** on 'Technologies for Quieter India (ACOUSTICS2013)' on 10th to 15th Nov. 2013 at **New Delhi (ISSN: 0973-3302 Conference Proceeding P: 470-474)**.
5. **International Conference** on 'Technologies for Quieter India (ACOUSTICS2013)' on 10th to 15th Nov. 2013 at **New Delhi (ISSN: 0973-3302 Conference Proceeding P: 475-480)**.
6. **International Conference** on 'Advances In Engineering And Technology (ICAET-2014)' at Anjuman College of Engineering and Technology (ACET), Nagpur on 08 & 09 January 2014 (**ISSN: 2278-4861 Conference Proceeding P: 36-39**).
7. **International Conference** on 'Advances In Engineering And Technology (ICAET-2014)' at Anjuman College of Engineering and Technology (ACET), Nagpur on 08 & 09 January 2014 (**ISSN: 2278-4861 Conference Proceeding P: 40-43**).
8. **International conference** on 'Emerging Trends in Applied Science and Mathematics' at Tulsiramji Gaikwad-Patil College of Engineering And Technology Mohgaon, Nagpur (Techscientia-16) on Dated 22nd & 23rd January, 2016.
9. 4th **International Conference** On "Emerging Trends & Research in Engineering, Technology & Science" at Dr. Rajendra Gode Institute of Technology & Research, Amravati during 30/03/2016 to 31/03/2016.
10. **International Conference** on Innovation and Development Future Smart City (ICIDFSC-17) Priyadarshini Institute of Engineering & Technology, Priyadarshini Campus, Nagpur on Dated 17th -18th March 2017.
11. **International Conference** on Emerging Trends in Engineering, Technology, Science and Management at IMT College of Engineering, Greater Noida, New Delhi on Dated 12th April 2017.
12. **International Conference** on Advances in Chemical Sciences and Allied fields of Science, Health, Education and Environment at Carrier College, **Bhopal** on Dated 8-10th March 2018.
13. **International Conference** on Recent Trends in Science and Technology at S.S.S.K.R. Innani College, **Karanja (Lad)** on Dated 22 -23rd March 2018.
14. **International Conference** on 'Multifunctional Advanced Materials' organized by Kamla Nehru Mahavidyalaya, Nagpur on 5-7 Oct. 2018.
15. **International Conference** on 'Green Energy for Sustainable Development-2019' (ICGESD-19) on 26th and 27th February 2019 jointly organized by Government Polytechnic, Nagpur and Maharashtra State of Board of Technical Education, Mumbai.
16. **International Conference** on 'Ultrasonics and Materials for Advanced Technology-2019' (ICUMST-19) on 16th-18th Nov. 2019 jointly organized by Department of Physics Prof. Rajendra Singh (Rajju Bhaiya) Institute of Physical Sciences for Study and Research Veer

Bahadur Singh Purvanchal University, Jaunpur-222003, U.P., India In collaboration with Ultrasonics Society of India National Physical Laboratory, New Delhi.

17. **International Conference** on Management Practices Innovation and Research “ (MPIR-19) held at Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur on Dated 20th – 21st December 2019.
18. 4th **International Conference** (Online) on “New Horizons in Science, Engineering and Management and Humanities” organized by IIMT college of Engineering, Greater Noida on 27th March 2020 (ISBN NO. 978-93-90103-00-3) PP 681-687.
19. 4th **International Conference** (Online) on “Recent Trends & Research in Engineering & Science” ICRTRES 2K20] organized by Padmashri Dr. V.B. Kolte College of Engineering, Malkapur, Dist - Buldhana on 02 - 03 May 2020.
20. Third **International Online** Multidisciplinary Research Conference(IOMRC-2020) Organized by: IARDO and Conference World & Osmania University Centre for International Program, *Osmania University Campus, Hyderabad (India)* on Dated 11th September 2020
21. National Conference on ‘**Materials Characterization By Ultrasonics**’ at Amity School of Engineering & Technology, **New Delhi** on 03rd& 04th April 2012.
22. National Conference on ‘Recent Trends in Material Synthesis & Characterization’ (ISBN NO. 978-81-922229-1-2) organized by Bhalerao Science College, **Saoner** on 17th Dec. 2011.
23. National conference on ‘Nanoscience and Technology’ organized by Science College, Nagpur on 21st& 22nd Feb. 2011, Conference Proceeding pp. 262-265.
24. National Conference on ‘Recent Trends in Bio-Diversity Conservation and Management’ (ISSN NO. 2230-7850) organized by N. S. Science and Arts College, **Bhadrawati** on 11th Jan. 2013.
25. National Conference on ‘Materials Preparation and Characterization: Nanoparticles and Future Trends’ at Sindhu college, **Nagpur** on 24th Feb. 2013 (Proceeding having ISBN NO.)
26. National Conference on ‘Relevance of Pt. Nehru’s Foreign Policy in 21st Century’ organized by N. S. Science and Arts College, **Bhadrawati** on 28th Mar. 2013.
27. National Conference on ‘Global Innovations in Physics’ at Chhatrapati Shivaji Institute of Technology, **Durg (Chhattisgarh)** on 12th -13th April 2013 (ISBN: 978-81-923288-1-2 **Conference Proceeding**).
28. National Conference on ‘VIMARSH 2013’ at Chouksey Engineering College, **Bilaspur (Chhattisgarh)** on 12th Sept. 2013.
29. National Conference on ‘Material Characterization and Their Applications’ at AnandNiketan College, Warora on 6th Feb. 2014 (ISSN: 2229-5836 Journal of Science Information, Special Issue - 9 (Conference Proceeding) PP: 56-59).
30. National conference on April 25th - 26th, 2014 at Chhatrapati Shivaji Institute of Technology, Shivaji Nagar, Durg(Chhattisgarh) ISBN: 978-81-923288-2-9 PP: 9.5-9.8.
31. National Conference on ‘Futuristic Materials’ (NSFM-2015) at N. S. Science and Arts College, **Bhadrawati** on Dated 04th February, 2015.
32. National Conference on ‘Novel Synthesis Of Advance Materials And Their Applications(NSAMA-2015)’ at Arts, Commerce & Science College, Maregaon (Road)Dist. Yavatmal on Dated 16th February, 2015.
33. National conference on Biodiversity Conservation and Sustainable Development’ at Janta College, Chandrapur on Dated 6th February, 2016.
34. National Conference on Multifunctional Advanced Materials (NCMAM-2017) at Kamla Nehru Mahavidyalaya, Nagpur on Dated 17th -18th March 2017.
35. National Conference on ‘Emerging Trends in Science – 2019’, at Vidyabharti Mahavidyalay, Amravati on Dated 1st and 2nd Feb. 2019.
36. National Conference on ‘Emerging Trends in Engineering, Science & Technology’, at Sai Engineering College, **Bhadrawati** on Dated 22nd Feb. 2019.
37. National Seminar on “Recent Trends In Mathematical, Physical, Chemical, Library And Life Sciences” (NCRTMPCLS -2020) organized by N. S. Science And Arts College, **Bhadrawati** on 7th February 2020.

EXTRA – CURRICULAR ACTIVITIES:

S. N.	Convener	Session
1.	International Webinar on “Present Scinario of Material Science” PSMS-2020 on 24 th July 2020.	2020-2021

S. N.	Co-convener	Session
1.	National Seminar on “Recent Trends In Mathematical, Physical, Chemical, Library And Life Sciences” (NCRTMPCLS -2020) organized by N. S. Science And Arts College, Bhadrawati on 7 th February 2020.	2020-2021
2.	National conference on ‘Novel Materials and Their Applications’ organized by N. S. Sci. and Arts College, Bhadrawati on 18 th Dec. 2010.	2010-2011

S. N.	Conference Program Committee Member	Session
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1.	International e- Conference on Innovation and Recent Trends in Science, Technology and Management [STM-2K22] organized by N. S. Science and Arts College, Bhadrawati on 30-31 st August 2022.	2022-2023
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S. N.	N. S. S. Programme Officer	Session
1.	N. S. S. at N. S. Sci. and Arts College, Bhadrawati	2022-2023
2.	N. S. S. at N. S. Sci. and Arts College, Bhadrawati	2021-2022
3.	N. S. S. at N. S. Sci. and Arts College, Bhadrawati	2020-2021
4.	N. S. S. at N. S. Sci. and Arts College, Bhadrawati	2019-2020
5.	N. S. S. at N. S. Sci. and Arts College, Bhadrawati	2018-2019
6.	N. S. S. at N. S. Sci. and Arts College, Bhadrawati	2017-2018

S. N.	N. S. S. Camp Organization As N. S. S. Programme Officer	Session
1.	As N. S. S. Programme Officer From Dated 10-03-2022 to 16-03-2022 at Chiradevi, Bhadrawati Dist- Chandrapur.	2021-2022
2.	As N. S. S. Programme Officer From Dated 10-02-2020 to 16-02-2020 at Chiradevi, Bhadrawati Dist- Chandrapur.	2019-2020
3.	As N. S. S. Programme Officer From Dated 06-01-2019 to 12-01-2019 at Chiradevi, Bhadrawati Dist- Chandrapur.	2018-2019
4.	As N. S. S. Programme Officer From Dated 02-01-2018 to 08-01-2018 at Chandankheda, Bhadrawati Dist- Chandrapur.	2017-2018

S. N.	Subject Expert of Physics	Session
1.	In 'Selection Committee' of Gondwana University, Gadchiroli at Mahatma Gandhi college of Sci. Gadchandur Dist- Chandrapur on Dated 27/10/2013	2013-2014

S. N.	In Interview Panel	Session
1.	Interview of CHB Teachers at Govt. Central School (OF) Bhadrawati Dist- Chandrapur on Dated 03/03/2022	2021-2022
2.	Interview of CHB Teachers at Govt. Central School (OF) Bhadrawati Dist- Chandrapur on Dated 16/03/2021	2020-2021

S. N.	Presiding Officer	Session
1.	Grampanchayat Election at Chirwanja (Mokasa) (Pathak No. 5) Centre no. 1/157 on Dated 15-01-2021	2020-2021
2.	Vidhansabha Election at Chimur Region (Team no. 7400046) on Dated 21-10-2019 at Chimur Tah – Chimur Centre no. 74/181	2019-2020
3.	Loksabha Election at Chimur Region (Team no. 7400188) on Dated 11-04-2019 at Bhivkund Tah – Chimur Centre no. 74/199	2018-2019
4.	Senate Election of Gondwana University, Gadchiroli Dated 10-12-2017 at N. S. Sci. & Arts College, Bhadrawati (Centre No. 13).	2017-2018
5.	Z. P./P.S. Election at Tekadi (Dixit) Polling Centre no. 19/23 (Pathak No. 10) on Dated -16/02/2017	2016-2017
6.	Grampanchayat Election at Kuchna (Pathak No. 6) Centre no. 3/6 on Dated 04-08-2015	2015-2016
7.	Vidhansabha Election at Rajura Region (ID No. 7001487) Centre no. 106/70 Dhoptala (Rajura) on Dated 15-10-2014	2014-2015
8.	Loksabha Election at Rajura Region (Team no. 70395) on Dated 10-04-2014	2014-2015
9.	Z. P. Election at Chandankheda Polling Centre no. 20/4 on Dated - 07/02/2012	2011-2012
10.	As a first Polling Officer in Senate Election of Gondwana University, Gadchiroli Dated 04-09-2022 at N. S. Sci. & Arts College, Bhadrawati (Centre No. 13).	2021-2022

S. N.	CORONA Medical Survey	Session
1.	Participated in CORONA Medical Survey by Tahsildar, Bhadrawati in Gautamnagar area of Bhadrawati Dist – Chandrapur on Dated - 25/04/2020.	2019-2020
2.	Participated in CORONA Medical Survey by Tahsildar, Bhadrawati in Gautamnagar area of Bhadrawati Dist – Chandrapur on Dated - 08/07/2020 to 10/07/2020.	2020-2021

S. N.	Chief-Supervisor	Session
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1.	Summer Examinations - 2013 conducted by Gondwana University, Gadchiroli from Dated 25-11-2013 to 27-11-2013 at N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur (Centre No. 316).	2013-2014
2.	Summer Examinations - 2011 conducted by R. T. M. Nagpur University, Nagpur from Dated 18-04-2011 to 20-04-2011 at N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur (Centre No. 516).	2011-2012
3.	Officer-In-Charge for the examination of R. T. M. Nagpur University, Nagpur in Summer-2009 at N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur (Centre No. 516).	2009-2010

S. N.	Practical Examinations In-Charge	Session
1.	Summer Examinations - 2017 conducted by Gondwana University, Gadchiroli from Dated 20-03-2016 to 02-04-2016 at N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur (Centre No. 316).	2016-2017
2.	Summer Examinations - 2016 conducted by Gondwana University, Gadchiroli from Dated 20-03-2016 to 02-04-2016 at N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur (Centre No. 316).	2015-2016
3.	Winter Examinations-2015 conducted by R. T. M. Nagpur University, Nagpur from Dated at N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur (Centre No. 316).	2015-2016
4.	Summer Examinations - 2015 conducted by Gondwana University, Gadchiroli from Dated 02-04-2015 to 14-04-2015 at N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur (Centre No. 316).	2014-2015

S. N.	Member of L.E.C. & Gradation Committee	Session
1.	Local Enquiry Committee (L.E.C.) of Gondwana University, Gadchiroli at Indira Gandhi Arts College, Gadchiroli Dist – Gadchiroli Dated 20/08/2014	2014-2015
2.	Local Enquiry Committee (L.E.C.) of Gondwana University, Gadchiroli at SantSundarlalMaharaj Arts College, Chatgaon Dist – Gadchiroli on Dated 11/01/2014	2013-2014
3.	'Gradation Committee' of Gondwana University, Gadchiroli at Sci, Arts & Comm. College, Tukum, Chandrapur on Dated 31/05/2013	2012-2013
4.	'Gradation Committee' of Gondwana University, Gadchiroli at Late Narayansingh Uike college of Physical Education Chimur Dist- Chandrapur on Dated 12/07/2013	2013-2014
5.	'Local Enquiry Committee (L.E.C.)' of Gondwana University, Gadchiroli at Pratibha Mahavidyalaya, Mul Dist- Chandrapur on Dated 27/01/2012	2011-2012
6.	'Local Enquiry Committee (L.E.C.)' of Gondwana University, Gadchiroli at Pombhurna Shikshan Prasarak Mandal, Pombhurna (Chandrapur) on Dated 28/01/2012	2011-2012
7.	'Local Enquiry Committee (L.E.C.)' of Gondwana University, Gadchiroli at Vanshree Arts College, Korchi Dist- Gadchiroli on Dated 25/01/2012	2011-2012

S. N.	Chairman	Session
1.	Prospectus Committee	2022-2023
2.	Feedback analysis committee	2022-2023
3.	Prospectus Committee	2021-2022
4.	Parents Teacher Association	2021-2022
5.	Prospectus Committee	2020-2021
6.	Parents Teacher Association	2020-2021
7.	Parents Teacher Association	2019-2020
8.	Prospectus Committee	2019-2020
9.	Prospectus Committee	2018-2019
10.	Admission Committee	2017-2018
11.	Admission Committee	2016-2017
12.	College Employee P.F. Committee	2016-2017
13.	Alumni Committee	2015-2016
14.	Publicity & Programme Organizing Committee	2015-2016
15.	Admission Committee	2014-2015
16.	Alumni Committee	2014-2015
17.	Result Analysis Committee	2014-2015
18.	Alumni Committee	2013-2014
19.	Cleanliness Committee	2013-2014
20.	Alumni Committee	2012-2013
21.	Cleanliness Committee	2012-2013
22.	Sports Committee in Gathering (Innovation-2011)	2011-2012
23.	Academic Programme Committee at CSIR sponsored seminar on	2009-2010

	'Gravitation Theories and Astronomy' at N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur from 28 th to 30 th Dec. 2009.	
24.	Sports Committee in Gathering	2001-2002

S. N.	Judge of Science Exhibition/Poster/PPT Competition	Session
1.	Narayna School, Chandrapur on Dated 08-10-2022.	2022-2023
2.	Talukalevel Science Science Exhibition & Drama Competition at Sai Sabhagruh, Bhadrawati organized by , Panchayat Samiti, Bhadrawati on Dated 10-08-2018	2018-2019
3.	Poster & PPT Competition at ACS college, Tukum, Chandrapur on Dated 17-01-2017	2016-2017
4.	' Technofest-2014 ' Chanda Public School, Chandrapur on Dated 19-09-2014.	2014-2015

S. N.	Co-ordinator	Session
1.	Avishkar 2016 at S. P. College, Chandrapur	2016-2017
2.	Digital India Week	2015-2016
3.	Post Graduate Department of Physics	2014-2015
4.	UGC-Computer Application Course	2014-2015
5.	UGC-Computer Application Course	2013-2014
6.	JagarJanivanchaAbhiyan	2013-2014
7.	Post Graduate Department of Physics	2013-2014
8.	Post Graduate Department of Physics	2011-2012
9.	Environmental Studies	2007-2008
10.	Environmental Studies	2008-2009
11.	Sports Dept.	2008-2009
12.	Wel-Come Programme of 'Youth Baton Relay'(Commonwealth Youth Games, Pune-2008)	2008-2009

S. N.	Member	Session
1.	Admission Committee (Vice-Chairman)	2022-2023
2.	Research and Development Cell	
3.	Student Council Formation Committee	2022-2023
4.	National Day Celebration Committee	2022-2023
5.	Feedback of Student Committee	
6.	Student Council Formation Committee	2021-2022
7.	Cultural Committee	2021-2022
8.	Sports Committee	2021-2022
9.	Research & Development Cell	2021-2022
10.	Alumni Committee	2021-2022
11.	National Day Celebration Committee	2021-2022
12.	Student Council Formation Committee	2020-2021
13.	Admission Committee	2020-2021
14.	Cultural Committee	2020-2021
15.	Sports Committee	2020-2021
16.	Research & Development Cell	2020-2021
17.	Alumni Committee	2020-2021
18.	National Day Celebration Committee	2020-2021
19.	Research & Development Cell	2019-2020
20.	Sports Committee	2019-2020
21.	Admission Committee	2019-2020
22.	Alumni Committee	2019-2020
23.	Cultural Committee	2019-2020
24.	Student Council Formation Committee	2019-2020
25.	Sports Committee	2018-2019
26.	Admission Committee	2018-2019
27.	Alumni Committee	2018-2019
28.	Cultural Committee	2018-2019
29.	Student Council Formation Committee	2018-2019
30.	Sports Committee	2017-2018
31.	Prospectus Committee	2016-2017
32.	N. S. S.	2016-2017
33.	College Student Welfare Committee	2016-2017
34.	Game Sports Committee	2016-2017
35.	Cleanliness Committee	2016-2017
36.	NAAC- Steering Committee	2015-2016

37	Admission Committee	2015-2016
38	Prospectus Committee	2015-2016
39	Sports Committee	2015-2016
40	Anti-Ragging Committee	2015-2016
41	Cleanliness Committee	2015-2016
42	'Population Education Club'	2014-2015
43	Sports Committee	2014-2015
44	Anti-Ragging Committee	2014-2015
45	'Advisory Committee' in College magazine 'Shabdashilp'	2014-2015
46	Time-Table Vigilance Committee	2014-2015
47	Prospectus Committee (Vice-Chairman)	2014-2015
48	Women's Welfare Club	2013-2014
49	'Advisory Committee' in College magazine 'Shabdashilp'	2012-2013
50	College Website Committee	2012-2013
51	'Advisory Committee' in College magazine 'Shabdashilp'	2011-2012
52	'Advisory Committee' in College magazine 'Shabdashilp'	2011-2012
53	'Advisory Committee' in College magazine 'Shabdashilp'	2010-2011
54	Academic Programme Committee at National conference on 'Novel Materials and Their Applications' organized by N. S. Sci. and Arts College, Bhadrawati on 18 th Dec. 2010.	2010-2011
55	Inaugural & Valedictory (Organizing) Committee at National conference on 'Novel Materials and Their Applications' organized by N. S. Sci. and Arts College, Bhadrawati on 18 th Dec. 2010.	2010-2011
56	'Population Education Club'	2009-2010
57	'Population Education Club'	2008-2009
58	'Population Education Club'	2006-2007

S. N.	Officiating Principal	Session
1.	From Dated 18-04-2011 to 20-04-2011 at N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur.	2011-2012
2.	On Dated 10-01-2015 at N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur.	2014-2015

S. N.	Study Tour	Session
1.	CIPET, Tadali, Chandrapur	2021-2022
2.	Nagpur on Dated 01-02-2018	2017-2018
3.	Persistence Software Company, Nagpur on Dated 21-02-2015	2014-2015
4.	Ghodazari Gist – Chandrapur on Dated 02-01-2014	2013-2014
5.	Siddhabali Iron Company, MIDC, Tadali on Dated 24-01-2012	2011-2012

MEETINGS ATTENDED:

1. Meeting of all the officer-In-Charge in R. T. M. Nagpur University at Convocation Hall of R. T. M. Nagpur University, Nagpur attended on Dated 24-02-2009.
2. Meetings of Presiding Officer for Senate Election of Gondwana University, Gadchiroli Dated 10-11-2017, 27/11/2017 and 05/12/2017.
3. Thirteen(10+3) Meetings of all the Presiding Officer for different Elections.
4. Meeting of all N. S. S. Programme Officer of Gondwana University, Gadchiroli in the session 2017-2018 and 2018-2019.
5. University level Yuva Mahotsav "Indradhanushya 2018" at Mahatma Gandhi College, Mul on 26/09/2018.
6. University level Yuva Mahotsav "Indradhanushya 2019" at Dnyanesh Mahavidyalay, Navargaon on 26/09/2019.

WORKED AS:

- Worked as an **Internal Examiner of Practical Examinations** conducted by R. T. M. Nagpur University, Nagpur & Gondwana University, Gadchiroli at UG & PG level
- Worked as a **Paper (Theory) Valuer** in the Examinations conducted by R. T. M. Nagpur University, Nagpur & Gondwana University, Gadchiroli at UG & PG level
- Worked as a **Paper (Theory) Valuer** in the Examinations conducted by R. T. M. Nagpur University, Nagpur & Gondwana University, Gadchiroli at UG & PG level
- Worked as a **Paper (Theory) Moderator** in the Examinations conducted by Gondwana University, Gadchiroli.
- Worked as a **Paper Setter** in the Examinations conducted by Gondwana University, Gadchiroli.

- Worked as a **Gathering-In-Charge** in session 2001-2002.
- Attended various programmes organized by our college.
- Participated and Lecture delivered in various **N. S. S. Camp** organized by our college.

Place: Bhadrawati

Date:

(Dr. Gajendra R. Bedare)
Assistant Professor in Physics
N. S. Sci. & Arts College, Bhadrawati
Dist- Chandrapur (M.S.) India Pin- 442902

RESUME

NAME: GAJENDRA RAMDAS BEDARE
DATE OF BIRTH: 21-03-1976
LANGUEGES KNOWN: English, Hindi, Marathi
RELIGION: Hindu
CATEGORY: OBC
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442902
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EDUCATIONAL QUALIFICATION:

EXAM. PASSED	SCHOOL/ COLLEGE	BOARD/ UNIVERSITY	YEAR OF PASSING	%	DIVISION
S .S. C.	H.H. School, Armori	Nagpur Board	March-91	78.00	First
H. S. S. C.	N.H. College, Bramhapuri	Nagpur Board	March-93	63.64	First
B. Sc.	N.H. College, Bramhapuri	Nagpur University	March-96	61.25	First
M. Sc.	Institute of Sci, Nagpur	Nagpur University	April-98	61.00	First
M. Phil.	Nagpur Centre	Alagappa University	Dec.-2008	63.40	First
P. G. D. C. A.	Nagpur Centre	IGNOU, Delhi	June-2001	61.83	First

CURRICULUM VITAE IN SHORT

Dr. Gajendra Ramdas Bedare

M. Sc. (Physics), Ph. D., M. Phil., P.G.D.C.A.

- Assistant Professor in Physics
N. S. Sci. & Arts College,
Bhadrawati Dist- Chandrapur
- Member Board of Studies (Physics),
Gondwana University, Gadchiroli



ADDRESS:

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DATE OF BIRTH: 21-03-1976
LANGUEGES KNOWN: English, Hindi, Marathi
RELIGION: Hindu
CATEGORY: OBC
CASTE: Kunbi
MARITAL STATUS: Married
MOBILE NO.: 09921975747
EMAIL: gr.bedare@gmail.com
Official Webpage or Link: nscollege.ac.in

Personal Webpage Link: <https://grbedare.wixsite.com/drgajendrabedare>

<http://scholar.google.co.in/citations?user=gpVwxEgAAAAJ&hl=en>

Personal YouTube Channel Link: https://youtube.com/channel/UCmd9P-htdzRv-PPfHGeW_bQ

RESEARCH AREA: Ultrasonics

EDUCATIONAL QUALIFICATION:

EXAM. PASSED	BOARD/ UNIVERSITY	YEAR	DIVISION
S .S. C.	Nagpur Board	March-91	FIRST
H. S. S. C.	Nagpur Board	March-93	FIRST
B. Sc.	Nagpur University	March-96	FIRST
M. Sc.	Nagpur University	April-98	FIRST
M. Phil.	Alagappa University	Dec.-2008	FIRST
P. G. D. C. A.	IGNOU, Delhi	June-2001	FIRST
Ph. D.	R.T.M. Nagpur University	November-2014	-----

DESIGNATION:

- Working as an **Assistant Professor in Physics** in N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur from **21th August 2000**.
- Working as a **NAAC Co-ordinator** of the college.
- Working as a **IQAC Joint Co-ordinator** of the college.
- Working as a **NSS Program Officer** of the college from the Session 2017-2018.
- Working as a Co-ordinator of “Certificate Course in Waste Management” of the college.
- Worked as a **Co-ordinator of P. G. Department of Physics** in N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur for the Session **2011 – 2012, 2013 – 2014, 2014 – 2015**.
- Working as a **Contributory Lecturer in P. G. Department of Physics** in N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur from the Session 2003-2004.
- Worked as a **Contributory Lecturer** in Physics in S. F. S. College, Nagpur.
- Recognition as a **Post Graduate Teacher in Physics** under the faculty of **Science and Technology** of Gondwana University, Gadchiroli (Letter No.: No/GUG/CS/1504/2017 Dated 14th Aug. 2017)

TEACHING EXPERIENCE:

UG – 22 Years PG – 15 Years (CHB)

M. PHIL. DEGREE:

M. Phil. Completed with 63.40 % marks from Alagappa University, Karaikudi (Tamilnadu State) in Dec. 2008.

Ph. D.:

Ph. D. from R. T. M. Nagpur University, Nagpur (Notification No.: RTMNU/Ph.D.(Cell)/2/1756 Dated 13th Nov. 2014) on the topic “**Ultrasonic Investigations in Pure Bio-liquids and Binary Mixtures**”, under the Supervision of Dr. B. M. SURYAVANSHI, Head, Department of Physics, Institute of Science, Nagpur and under the Co-Supervision of Dr. V. D. BHANDAKKAR, Department of Electronics, Anand Niketan College, Warora.

Ph. D. Supervisor (Guide):

Ph. D. Supervisor in **Physics** under the faculty of **Science and Technology** of Gondwana University, Gadchiroli (Letter No.: No/GUG/606/2017 Dated 31st Aug. 2017), Recognition No. is **GUG/Ph. D. Sup. Rec./621/2017**

Ph. D. Students Registered Under My Supervision: 04

Research Papers Published in National and International Journals: 65

Member Board of Studies (Physics):

Member Board of Studies (Physics), Gondwana University, Gadchiroli Letter Dated 04/04/2018.

FOREIGN VISIT:

International Symposium on Ultrasound in the Control of Industrial Processes, which held from 18th April 2012 to 20th April 2012 at **Madrid (Spain)**.

MINOR RESEARCH PROJECT:

UGC - Minor Research Project (File No. 47-1774/10(WRO) Dated 18th May 2011) with financial assistance of **Rs. 1,40,000/-completed** on the topic “**The Non-linear Acoustic Characterization of Bio-liquids**” for the period 2011-2013.

UGC GRANT RECEIVED:

3. **UGC Foreign Travel Grant of Rs. 1.24 Lac** received for *International Symposium on Ultrasound in the Control of Industrial Processes*, which held from 18th April 2012 to 20th April 2012 at **Madrid (Spain)**.
4. **UGC Minor Research Project Grant of Rs. 1.40 Lac** received for Minor Research Project (File No. 47-1774/10(WRO) Dated 18th May 2011) to on the topic “**The Non-linear Acoustic Characterization of Bio-liquids**” for the period 2011-2013.

❖ **My Personal Website (Dr. Gajendra R. Bedare) Link:**

<https://grbedare.wixsite.com/drgajendrabedare>

❖ **Google Scholar Citation Link:**

<http://scholar.google.co.in/citations?user=gpVwxEgAAAAJ&hl=en>

Google Citations:

<u>Citation indices</u>	All
Citations	99
h-index	6
i10-index	5

❖ **My Youtube Video Link:**

HONOURS AND AWARDS:

1. “ Outstanding Scientist Award” (**International-Level**): 7th International Scientist Awards on Engineering, Science and Medicine 04 & 05-Jul-2020 Coimbatore, India.
2. Dr. A. P. J. Abdul Kalam (**National-Level**) ‘Teaching Excellence 2018’ at Marina Research Laboratory Chennai on Dated 13/10/2018.
3. **Shikshak-Ratna Samta Award (State-Level)** (2015): Samta Sahitya Academy, Pune (Reg. No. F-12028 (B)) on Dated 23rd May 2015.

BEST RESEARCH PAPER AWARD: 01

BOOKS PUBLISHED: 07

BOOKS INCLUDED AS A REFERENCE BOOKS IN GONWANA UNIVERSITY, GADCHIROLI B.SC. SYLLABUS: 02

MEMBER OF EDITORIAL BOARD OF BOOKS : 02

Dr. Gajendra Ramdas Bedare

M. Sc. (Physics), Ph. D., M. Phil., P.G.D.C.A.

➤ **Assistant Professor in Physics**

N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur

MOBILE NO.: 09921975747

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Official Webpage or Link: nscollege.ac.in

My Personal Website (Dr. Gajendra R. Bedare) Link:

1. <https://grbedare.wixsite.com/drgajendrabedare>
2. <https://sites.google.com/d/1e7qrY0oRvcxtF8efqCUO2Z-d1K-Jhog4/p/1XUJe7ZsVnWZskTzOMudzUrGbDfntQWVG/edit?pli=1>

Personal YouTube Channel Link: https://youtube.com/channel/UCmd9P-htdzRv-PPFHGeW_bQ

RESEARCH AREA: Ultrasonics

Ph. D. Students Registered Under My Supervision: 04

Award from Gondwana University, Gadchiroli:

3. NSS Best Program Officer, Gondwana University, Gadchiroli Award (Chandrapur District)
4. Best NSS Unit, N. S. Sci. & Arts College, Bhadrawati Dist- Chandrapur, Gondwana University, Gadchiroli Award (Chandrapur District)

BEST RESEARCH PAPER AWARD: 01

BOOKS PUBLISHED: 07

Member Board of Studies (Physics):

Member Board of Studies (Physics), Gondwana University, Gadchiroli Letter Dated 04/04/2018.

FOREIGN VISIT:

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❖ My Personal Website (Dr. Gajendra R. Bedare) Link:

<https://grbedare.wixsite.com/drgajendrabadare>

❖ Google Scholar Citation Link:

<http://scholar.google.co.in/citations?user=gpVwxEgAAAAJ&hl=en>

Google Citations:

<u>Citation indices</u>	All
<u>Citations</u>	99
<u>h-index</u>	6
<u>i10-index</u>	5