

BIODATA
(BRIEF INFORMATION)

Name of Faculty: **Dr. Archana R. Bijwe**
Institute: K Z S Science College, Kalmeshwar
<https://www.kzsscollege.edu.in/>
Department: **Chemistry**
Contact no: **9881011220**
Email id: **Archana.bijwe@gmail.com**



1. Educational Qualification:

B. Sc.: IInd Division, Amolakchand Mahavidyalaya, yavatmal, Sant Gadgebaba Amravati university, Amravati

M. Sc.: In – Chemistry, Ist- - - - -class, Sant Gadgebaba Amravati university Amravati

2. NET/SETQualification: - - -

3. Teaching experience: UG 22 years

4. Designation: Asst. Professor

5. Doctorate:

Under the guidance of *Prof./Dr. S. E. Bhandarkar.*

Topic: "Synthesis, Antimicrobial and antifungal study of 3-(2-hydroxy-3,4- benzophenyl-5-methoxy)-5-aryl-1-substituted Pyrazolines ,Pyrazoles and 4-aryl derivative of Pyrazolines", awarded by RTM Nagpur University on 06/ 11/2015

Place of Research Work: - -Lakshminarayan institute of science and technology, Nagpur

6. Field of Research and Interest:

Field of Research: Organic Chemistry

Research Interest: Synthesis and characterization of polymer/Resin.

7. Research Project (UGC):

Nil

8. Publications:

- | | |
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| 8.1. Number of papers published in peer reviewed journals: | -05 |
| 8.2. Number of papers published in conferences/seminars/symposium: | -06 |
| National: | - 02 |
| International: | - 04 |
| 8.3. No. of Books Authored: | - 01 |

8.4. Books Edited: - Nil

Titles of Book:

- i. "A TEXT BOOK OF CHEMISTRY B.Sc. SEMESTER III"

9. Conferences/seminars/symposiums attended

National/state Conferences/Seminars/Symposiums attended: - 48-

International Conferences/Seminars/Symposiums attended: - 10-

10. Paper Presented in Conference/seminar/symposium attended:

National: -08 -

International: - 04-

11. Guide / Supervisor on the panel of RTMNU, Nagpur:

Ph. D. Students Registered: - Nil

Thesis Submitted: -Nil

Ph. D. Awarded: -Nil

12. Guest lecture delivered:

In other colleges/institutes: - 02-

In teacher's training: - Nil

In workshop/seminar: - Nil

13. Blood donation: -Actively participated -

14. Program organized in college:

- i. Coordinator of women's cell.
- ii. Coordinator of college magazine.
- iii. Coordinator of Student Induction Programme.
- iv. Coordinator of Kalasparsh Activity.
- v. Actively participated in every program organized by different Department.

15. Research Profile Membership:(Research Gate, Google Scholar, etc)

- Research gate
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16. Membership of Institute/National/ International Professional/Research Bodies or Communities:

- NUTA

17. Any other:

- i. Participation in ORIENTATION PROGRAMME from 12-10-2001 to 8-11-2001 conducted by UGC, Academic staff college, Nagpur university, Nagpur.
 - ii. Participation in REFRESHER COURSE from 18-10-2004 to 07-11-2004 conducted by UGC, Academic staff college, Nagpur university, Nagpur.
 - iii. Participation in REFRESHER COURSE, from 26-10-2009 to 15-11-2009 conducted by UGC, Academic staff college, Nagpur university, Nagpur.
 - iv. Participation in REFRESHER COURSE from 04-04-2011 to 29-04-2011 conducted by UGC, Academic staff college, JNU Delhi university, Delhi.
 - v. Participation in SHORT TERM COURSE from 19-11-2018 to 24-11-2018 conducted by UGC, Academic staff college, Nagpur university, Nagpur.
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List of Publication References

A. Patent :

CATALYST MATERIALS FOR PRODUCING HYDROGEN GAS FROM WATER, The Patent Office Journal No. 41/2021 Dated 08/10/2021

B. Papers Published in Peer Reviewed Journals:

1. Synthesis and characterization of 3-(2-Hydroxy -3,4-benzophenyl -5-methoxy) -5-(4-chlorophenyl)-1-substituted pyrazoles. *Int.J. chem. sci.:* 9(1),2011,99-103 ISSN 0972-768X
2. Synthesis of 3-(2-Hydroxy -3,4- Benzophenyl -5-methoxy)5-aryl -1-substituted pyrazolines *Int.J. chem. sci.:* 9(1),2011,104-108 ISSN 0972-768X
3. Synthesis of 3-(2-hydroxy- 3,4-benzophenyl-5-methoxy)-5-(4-methoxy-phenyl)-1-substitutedPyrazolines*Recent Research in science and Technology* 2012,4(8):47-48 ISSN: 2076-5061
4. Biological study of 3-(2-Hydroxy -3,4-benzophenyl-5methoxy) – 5- aryl – 1 substitutedpyrazolinespyrazoles and 4- Aroyl derivatives of pyrazolines*International Journal of research in biosciences, Agriculture and technology, January 2014 issue 2volume 1 ISSN no. 2347-517X*
5. Biological studies of pyrazole derivatives obtained from 4-bromo naphthalen-1-ol2021 *JETIR* july 2021, Volume8, Issue 7www.jetir.org(ISSN-2349-5162)

C. Papers Published in Conferences/Seminars/Symposium Proceedings:

1. Synthesis and characterization of 3-(2-hydroxy –3,4-benzophenyl- 5- methoxy)-5-(4-methoxy phenyl)–1-substituted pyrazoles, National conference Novel Materials and Their Applications, October 16-17, 2012, Organised by Department of Physics, Arts and Commerce Girls College Devendra Nagar, Raipur, 492001, (C.G.) INDIA
2. Synthesis and characterization of 3-(2- hydroxyl -3,4-benzophenyl -5- methoxy -5- aryl -1-substituted pyrazoles. National conference on Pharmacogenomics :revolutionizing PersonalisedMedicines September 21 – 22, 2012Organised by Department of Biotechnology & Microbiology NabiramahavidyalayaKatol Dist. Nagpur (M.S.)
3. Synthesisof3-(2-hydroxy–3,4-benzophenyl-5-methoxy)-5-(4-methoxy-phenyl)–1-substituted Pyrazolines.International conference on Anthropogenic Impact on Environmentand Conservation StrategyNovember 2 – 4, 2012Organised by Department of Biosciences, St. Xavier’s College, Ranchi . (Zarkhand)
4. Biological study of 3- (2- hydroxyl -3,4-benzophenyl -5-methoxy) 5-aryl -1-substitutedpyrazolines International conference on multifunctional Advanced Material, ICMAM -2018, 5th to 7th October 2018Organised by Kamala NeharuMahavidyalaya, Nagpur and DharampethM.P. Deo memorial Science College Nagpur.
5. Effect due to use of dirty fules on housewives Biological evaluation of 3 -(2hydroxy 3,4-benzophenyl-5methoxy)-5aryl -1substituted pyrazolines, ISSN no 2347-517X

D. Book Published:

1. Organic chemistry, part III, 2021, ISBN 978-93-87278-86-8, Dnyanpath publication, Amravati (India)