

CURRICULUM VITAE
DR. VISHAL NANASAHEB KADAM

HEAD & ASSISTANT PROFESSOR,
DEPARTMENT OF CHEMISTRY
BABURAO PATIL COLLEGE OF ARTS AND SCIENCE,
ANGAR TALUKA – MOHOL DISTRICT – SOLAPUR
PINE CODE 413214 Tal, INDIA



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Objective:

To pursue scientific contributions that would further enrich my experience and creativity in the area of Metal Complex synthesis and their potential applications

Education:

Ph.D. School of chemical Sciences ,
Punyashlok Ahilyadevi Holkar Solapur University, Solapur. India
Research supervisor: Prof. Dr. A. A. Ghanwat,
School of chemical Sciences ,
Punyashlok Ahilyadevi Holkar Solapur University, Solapur. India

M.Sc. Analytical Chemistry (Distinction),
(June 2008- April 2010) Swami Ramanand Tirth Marathwada University,
Nanded, India.

B.Sc. Chemistry (Physics and Mathematics as subsidiaries), First Division, Dr.
(June 2005- April 2008) Babasaheb Ambedkar Marathwada University Aurangabad, India.

Employment and Professional Experience:

21 Nov. 2012 to till Assistant Professor, (Regular)
date Department of Chemistry, Baburao Patil College of Arts And Science, Angar
Taluka – Mohol District – Solapur.

Research Publications

| Sr. No. | Name of Paper | Name of Journal | ISSN/ISBN | Year of publication |
|---------|--|---|---------------------------------------|---------------------|
| 1. | Syntheses and Characterization of Novel Processable Poly (Ether - Azomethine)s Containing Cardio Cyclopentylidene moiety. | Intrnational Journal of Engineering Science Invention | 2319-6734(Online) 2319-6726(Print) | Oct. 2016 |
| 2. | Syntheses and Characterization of Co-Poly (Ether-amide)s derived from new diacid bearing binaphthyl moiety. | Journal of Macromolecular Science, Part - A | 1060-1325 (Print) 1520-5738 (Online) | Jan. 2017 |
| 3. | Syntheses and Characterization of Novel Poly (Ether-imide)s derived from Thiazolediamines and aromatic dianhydrides | Intrnational Journal of Engineering Science Invention | 2319-6734(Online) 2319-6726(Print) | Dec. 2017 |
| 4. | Syntheses and Characterization of Novel Poly (Ether-imide)s derived from Thiazolediamines and aromatic dianhydrides. | International Journal of Universal Science and Technology | (ISSN-2454-7263 | January 2018 |
| 5. | Syntheses and Characterization of Co-Poly (Ether-amide)s derived from new diacid bearing binaphthyl moiety. | Multidisciplinary National Conference | 2319-8648 | Feb. 2018 |
| 6. | Processable Heat resistant Ployamides containing tetraphenyl thiophene having pendant phenyl moiety with heterocyclic quinoxaline unit:Synthesis and Characterization. | Journal of Macromolecular Science, Part - A | 1060-1325 (Print) 1520-5738 (Online) | Mar. 2018 |
| 7. | Syntheses and Characterization of Novel Processable Poly (Ether - Azomethine)s Containing Naphthyl Moiety | Journal of Applicable Chemistry | 2278-1862 | Jul. 2018 |
| 8. | Synthesis and Characterization of aromatic polyimides | Journal of Thermal Analysis and Calorimetry | Springer | Jul. 2018 |

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|-----|---|---|---|------------|
| | containing Tetraphenylfuran-thiazol moiety | | | |
| 9. | Optically Transparent Organo-Soluble Poly(Ether -Amides)s bearing tritycene unit; Synthesis and Characterization. | Journal of Macromolecular Science, Part - A | 1060-1325 (Print) 1520- 5738 (Online) | Nov. 2018 |
| 10. | Syntheses and Characterization Poly (Ether-Amides)s Containing Triptycene moiety. | AJANTA | 2277-5730 | Jan - 2019 |
| 11. | Synthesis and Characterization Processable Polyamides containing Polar quinoxaline uni in the main chain and evalution of its hydrophilicity. | Journal of Macromolecular Science, Part - A | 1060-1325 (Print) 1520- 5738 (Online) | Feb. 2019 |
| 12. | “AN EFFICIENTSYNTHESIS OF NOVEL1,2,3- TRIAZOLEIN CORPORATED THIADIAZOLE DEVERIVATIVES | Journal of Advanced Scientific Research | 0976-9595 | Apr.2020 |
| 13. | Soluble and processable heat resistant Poly (Ether-amide)s Containing Cyclopentylidene moiety. | Journal of Advanced Scientific Research | 0976-9595 | Aug.2020 |
| 14. | Organosoluble ,High performance Co-Poly (Ether-amide)s bearing Pendant and Cardo moiety. | – | 978-93-5396- 893-9 | Jan. 2020 |
| 15. | Synthesis, Characterization and Anti-microbial Screening of Novel Substituted thiazole 5- aminotetrazoles | CHEMISTRY & BIOLOGY INTERFACE | 2249 – 4820 | Feb. 2022 |

Conference /Seminars and Workshop

Dr.V.N. Kadam

| Sr. No. | Title of the paper presented | Title of Conference / Seminar | Organized by | Whether International /National/State /Regional/College or University | API Sc |
|------------|------------------------------|-------------------------------------|--------------|---|--------|
|------------|------------------------------|-------------------------------------|--------------|---|--------|

| | | | | level | |
|----|---|---|--|-----------------------------|----|
| 1. | Synthesis Characterization of poly(ether- amide) | Sustainable Chem Challenge & Opprtunities 9-10 Jan 2012 Conference | Dr. BAMU Sub-Campus Osmanabad | National | 5 |
| 2. | Synthesis and characterization act of Poly (ether-azomethine)s | Emerging Trend chemical Scienc 2-4 Nov. 2012 | Solapur University | International conference | 10 |
| 1. | Synthesis and Characterization of ne (ether- azomethine)s contaning Cardo cyclopentylidene moiety | Emerging Horiz Biochemical Sci Nanomaterial (EHBCSN-2013) 28-30 Nov. 2013 | Shivaji College Barshi | International conference | 10 |
| 2. | Synthesis and Characterization of ne Synthesis Characterization & invest of biological activities of Zn complex | FCS-2014 30 June 2014 | School of Chemical Science , Solapur University, | National Conferen | 05 |
| 3. | Synthesis Characterization of poy ar moiety | RTNA 2015 23 &24 JAN 201 | Sangola College Sa | National Conference | 05 |
| 4. | Synthesis Characterization & biolog evaluation on triazine heterocyclic Compound | ICCMBSD -2015 8-10 March 201 | Walchand College o and Science , Solap | International Confe | 10 |
| 5. | Synthesis and Characterization of new poy (ether-amide)s Containing naphthyl moiety | ECAMGC-2015 28 & 29 Dec. 20 | Dept. of Chemistry Dr. BAMU Aurangabad Sub-Ca Osmanabad | National Conferen | 05 |
| 6. | poy (ether-amide)s Containing naphth moiety Synthesis and Characterizat | IASR-2016 11-12 Jan 2016 | S. M. Joshi College, Hadapsar, Pune | National Conference | 05 |
| 7. | LENEAMENT DENSITY AND RESISTIVITY MODEL STUDIES RAINWATER HARVESTING IN S BASIN SOLAPUR DISTRICT MAHARASHTRA INDIA. | SIS-2017 25 Jan 2017 | Baburao Patil Colle Arts and Science Ar | National Seminar | 05 |
| 8. | “Role of Digital Libraries in Educati | SIS-2017 25 Jan 2017 | Baburao Patil Colle Arts and Science Ar | National Seminar | 05 |
| 9. | Copper-MCM 41 nanocomposite ma an efficient heterogeneous alkyne cycloaddition reactions. | SIS-2017 25 Jan 2017 | Baburao Patil Colle Arts and Science Ar | National Seminar | 05 |

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|-----|--|--|---|---------------------|----|
| 10. | Synthesis, characterization, and antimicrobial screening of Macrocycle ligand and its Mn(II), Fe(III), Co(II), Ni(II) Cu(II) complexes. | SIS-2017 25 Jan 2017 | Baburao Patil College of Arts and Science | National Seminar | 05 |
| 11. | DEMARCATON OF SUSTAIBLE SOURCE FOR RAIN WATER HARVESTING USING MORPHOMETRIC AND HYPSONOMY ANALYSIS IN SUS BASIN SOLAR DISTRICT, MAHARASHTRA, INDIA | SIS-2017 25 Jan 2017 | Baburao Patil College of Arts and Science | National Seminar | 05 |
| 12. | Alkylation of Phthalimide by modification of Mitsunobu Reaction | IC-2017 30 April 2017 | D.B.F. Dayanand College of Arts and Science | National Conference | 05 |
| 13. | Synthesis and characterization of Novel Processable Poly(ether-azomethine)s containing containin | RACS-2017 26 Nov 2017 | Solapur University | National Conference | 05 |
| 14. | “Processable aromatic Co-Poly (ether amide)s derived from new diacid bearing binaphthyl moiety for high temperature applications”. | IACR Conference 13-14 Dec 2017 | S.M. Joshi College, Hadapsar, Pune & Savitribai Phule University Pune | International | 05 |
| 15. | “Synthesis, characterization and electrochemical properties of conjugated poly (phenylquinoxaline)s containing tetraphenyl thiophene pendant moiety” | IACR Conference 13-14 Dec 2017 | S.M. Joshi College, Hadapsar, Pune & Savitribai Phule University Pune | International | 05 |
| 16. | “Synthesis and Characterization of novel Poly(ether-imide)s derived from Thiourea diamine and aromatic dianhydrides” | MPCSR Conference 28 Jan-2018 | Shri. Shivaji College Parbhani. | National | 03 |
| 17. | “Synthesis and Characteristics Co-Poly (ether-amide)s derived from new diacid bearing binaphthyl moiety” | One Day Multidisciplinary National Conference dated on 17 Feb.2018 | K.N. Bhise College Kurudwadee. | National | 03 |
| 18. | “Synthesis and Characteristics Co-Poly (ether-amide)s derived from new diacid bearing binaphthyl moiety” | One Day Multidisciplinary National Conference dated on 17 Feb.2018 | K.N. Bhise College Kurudwadee. | National | 03 |

Orientation / Refresher Course / Short term attended:

| Name of the Course / Summer School | Place | Duration | Sponsoring Agency |
|------------------------------------|--------------------------|-------------------------|-------------------|
| Orientation Course | RDU, Jabalpur | 01/01/2019 – 28/01/2019 | UGC |
| Refresher Course | ASC, Lacknow | 01/01/2017-23/01/2017 | UGC |
| Refresher Course | Ramanujun college, Delhi | 18/05/2020 - 03/06/2020 | UGC |
| Short term Course | Ramanujun college, Delhi | 08/06/2020- 14/06/2020 | UGC |
| Short term Course | Ramanujun college, Delhi | 23/06/2020- 29/06/2020 | UGC |
| Refresher Course | Ramanujun college, Delhi | 14/07/2020- 28/07/2020 | UGC |
| Refresher Course | RDU, Jabalpur | 19/09/2022 –01/10/2022 | UGC |

College level Participation

1) Dr.V. N. Kadam (HOD, Department of Chemistry)

1. Member of IQAC
2. Secratray of Purchase
3. Member of Library
4. Member of College development Comittee
5. Member of Research Committee