

FacultyProfile



GeneralInformation

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|----------------------|---|--|
| Name(inBlockLetters) | : | DR. Santosh Govindrao Badne |
| Qualification | : | M.Sc. Ph.D.(B.Ed.) |
| Department | : | Chemistry(Science) |
| CurrentDesignation | : | Associate Professor |
| NameofInstitution | : | Shri Shivaji College of Arts, Commerce and Science, Akola |
| PhoneNo. | : | +91-9766420220 |
| Email | : | santoshbadne@gmail.com |

AcademicQualification

| Sr.No. | Degree | NameofUniversity/Board | Year | Division |
|--------|--------|---|------|----------|
| 1 | Ph.D. | Swami Ramanand Teerth Marathwada University,Nanded. | 2006 | NA |
| 2 | B.Ed. | Swami Ramanand Teerth Marathwada University,Nanded. | 1999 | I |
| 3 | M.Sc. | Swami Ramanand Teerth Marathwada University,Nanded. | 2000 | I |
| 4 | B.Sc. | Dr. B. A. Marathwada University, Aurangabad | 1997 | I |

Researchdegree(s)particulars

| Degrees | Title | Date ofaward |
|---------|---|--------------|
| M.Phil. | | |
| Ph.D. | Synthesis Chemistry and Evaluation of Biological Activities of Some Condensed Aza and Thia Heterocycles | 2006 |

TeachingExperience

| TeachingExperience | Experiencein Years |
|--|--------------------|
| TeachingExperienceatDegreeLevel | 14yrs. |
| TeachingExperienceatPost-GraduateLevel | 14yrs. |
| ResearchExperience | 14 yrs. |

Membershipofprofessionalbodies

- 1 TheIndianScienceCongress Association,Kolkata
- 2 Life MemberofAmravatiUniversityChemistryTeachersAssociation, Amravati
- 3 MemberofIndianChemicalSociety,Kolkata
- 4 Life Member of Nagpur University Teachers Association

Research Papers Published in Journals

| Sr.No. | TitlewithPageNo. | Journal | ISSN /ISBNNo. | WhetherPeerReviewed /Impactfactor |
|--------|---|---|--|-----------------------------------|
| 1 | "Synthesis and some novel reactions of 8-chloro-2H- [1,2,4] triazino [3,4-b] [1,3] benzothiazole-3,4 dione and 6-chloro-2-hydrazino-1,3-benzothiazole".October 2005,Pg.no 632-635. | Journal of chemical research,UK | | Peer Reviewed Refereed |
| 2 | 2. "Convenient synthesis of 3-chloro-1-(4,6-dimethyl-benzothiazole-2ylamino)-4-aryl-azetid-2-ones and their antimicrobial screening". 2010 , Vol.No. 4, 721-725. | RASAYAN <i>J.Chem</i> | | Peer Reviewed Refereed |
| 3 | Synthesis of 2-substituted 3-cyano-8-ethyl carboxylate-2-methylthio-4-oxo-4Hpyrimido[2,1-b] benzothiazole | Pelagia Research Library Der Chemica Sinica, 2015, 6(4):43-46 | ISSN: 0976-8505 CODEN (USA) CSHIA5 | Peer Reviewed Refereed |
| 4 | DESIGN, SYNTHESIS AND ANTI-MICROBIAL CHARACTERISATION OF 2-OXO -3-CYANO-4-SUBSTITUTED-10-METHOXY-14-OXO-14H-PYRAZOLO (5,6-d) PYRIMIDO (6,7-c) PYRIMIDO [2,3-b] BENZOTHIAZOLE DERIVATIVES | International Journal of Organic and Bioorganic Chemistry 2015; 5(2): 25-28 | ISSN 2249 – 0345 | Peer Reviewed Refereed |
| 5 | A fused pyridopyrimidine molecule based "on-off" fluorescence sensor for HSO ₄ – anions. Page No.209-216 2017 | Chemistry & Biology Interface | 2249 – 4820 | Peer reviewed Impact Factor 2.8 |
| 6 | STUDY ON PHYSICO-CHEMICAL CHARECTERIZATION OF EDIBLE OILS FROM AGENCIES OF BULDHANA DISTRICT Page No 525-529,2017 | INTERNATIONAL JOURNAL OF RESEARCH IN PHARMACY AND CHEMISTRY | 2231-2781 | Peer reviewer Impact factor 0.14 |
| 7 | A study of newly synthesized via Green Chemistry approach towards 4-Methylsulfanyl -2-Oxo-6-(-2-Oxo-2-HChromene-3-yl)-2H Pyran-3-Carbonitrile and Their Derivatives. Page No.123-127, 2018 | The Pharma Innovation Journal | E-ISSN No. 2277-7695 P-ISSN No 2349-8242 | Peer reviewer Impact factor 5.03 |
| 8 | Sensitized colour reactions of pyrogallol red in presence of cetyldimethylethyl ammonium bromide for the spectrophotometric determination of yttrium (iii), europium (iii), and terbium (iii). Page No. 128-131,2018 | The Pharma Innovation Journal | E-ISSN No. 2277-7695 P-ISSN No. 2349-8242 | Peer reviewer Impact factor 5.03 |
| 9 | Study of Scavenging of Fe (II) on Mangifera Indica Bark Substrate. International Journal of Universal Science & Technology | International Journal of Universal Science & Technology | ISSN 2454-7263 | Peer reviewer Impact factor |

| Page No 01-05 2018 | | | | |
|---------------------------|--|--|---|--|
| 10 | Sensitization of Methyl Thymol Blue By CetylDi MethylEthyl Ammonium Bromide For The Spectrophotometric Determination of Lead 2018 | International Journal of Universal Science & Technology | ISSN 2454-7263 | Peer reviewer Impact factor |
| 11 | Detoxification of CD(II) by using Eco-friendly Adsorbent Material prepared from saraca asoca Bark Pg.No.1080-1085 Vol.06 Issue-1 2019 | International Journal of CurrentEngineering and Scientific Research | ISSN 2394-0697 | Peer Reviewed Refereed |
| 12 | Predicted Biological Activities of compounds planned to be synthesized by the application of PASS and their Toxicity Risk Assessment by the use of osiris property Explorer Pg. No. 314-320 2019 | Research Journey International E-Research Journal | 2348-7143 special Issue 110(B) February - 2019 | Peer Refereed & Indexed Journal Impact Factor 6.261 |
| 13 | Sensitization of Chrome azuol-S by Cetyl dimethylethyl ammonium bromide for the spectrophotometric determination of Lead Pg.No.116 2019 | Research Journey International E-Research Journal | 2348-7143 special Issue 110(B) February - 2019 | Peer Refereed & Indexed Journal Impact Factor 6.261 |
| 14 | Sensitized color Reactions of pyrocatechol Violet (PCV) by cetylpyridiniumbromide for the spectrophotometric Determination of Lead Pg. No.111-117 | An International Multidisciplinary Quarterly Research Journal AJANTA | 2277-5730 Vol.VIII Issue I Part V March 2019 | Peer Reviewed Refereed |
| 15 | SENSITIVE SPECTROPHOTOMETRIC METHOD FOR THE MICRODETERMINATION OF EU (III) AND TB(III) WITH METHYL THYMOL BLUE IN PRESENCE OF CETYLDIMETHYLETHYLAMMONIUM BROMIDE. | Vidyabharati International Interdisciplinary Research Journal | ISSN 2319-4979 (Special Issue-May 2020) | Peer Reviewed Refereed |
| 16 | DESIGN, SYNTHESIS AND ANTIMICROBIAL ACTIVITY OF 5-CYANO-6-IMINO-4-METHYLSULFANYL-1, 6-DIHYDRO-PYRIMIDIN-2-YL-CYANAMIDE DERIVATIVES. | Vidyabharati International Interdisciplinary Research Journal | ISSN 2319-4979 (Special Issue-May 2020) | Peer Reviewed Refereed |
| 17 | Sensitive Microdetermination Of Nd(III) And Eu(III) With Pyrogallol Red In Presence Of Cetyl dimethylethyl Ammonium Bromide. | Aayushi International Interdisciplinary Research Journal | 24th Jan. 2020 (ISSN 2349-638x) Impact Factor 6.293 | Peer Reviewed Refereed |
| 18 | Microdetermination of Ce(IV) And Y(III) with Chrome Azurol-S in presence of Acetyl diMethylEthyl Ammonium Bromide | Journal of Emerging Technologies and Innovative Research (JETIR) | February 2020 (ISSN-2349-5162) | Peer Reviewed Refereed |
| 19 | | | | |

Research papers presented in conferences/seminars/workshops/conventions

| Sr.No. | Title of the Paper Presented | Title of Conference/Seminar | Organized by | Whether international/national/state/regional/college/university |
|--------|---|------------------------------------|---|--|
| 1 | 23 rd conference of INDIAN COUNCIL OF CHEMIST | INDIAN COUNCIL OF CHEMIST | K.C.College, Churchgate, MUMBAI, 29-31 Oct.2004 | National |
| 2 | Frontiers of chemical sciences | U.G.C., New Delhi. | Department of Chemistry, AurangabadCollege for women,Auragabad, 12&13 March 2005 | National Seminar |
| 3 | National conference on current research trends and developments in heterocyclic chemistry. | U.G.C., New Delhi. | Department of chemistry,P.G.College of Science,Saifbad, OsmaniaUniversity Hyderabad 17-18 march 2006 | National |
| 4 | State level seminar onNew emerging trends in chemistry | U.G.C., New Delhi. | ShriShivajiCollege Parbhani(MS) 19 March 2006 | State |
| 5 | National conference on Drug Designing and Synthesis | U.G.C., New Delhi. | Dr.Ambedkar college, Deeksha bhoomi, Nagpur. 19-20,Jan,2007 | National |
| 6 | National seminar on Advance Material on the Eve of superannuation of Prof.N.S.Bhave | RTM NagpurUniversity, Nagpur | Department of chemistry, RTM NagpurUniversity,N agpur 12 th Feb 2007 | National |
| 7 | Intertnational conference on Drug Discovery and Nano Technology | DST,UGC and SRTMUniversity,Nanded. | Department of chemistry, Yeshwant Mahavidyalaya,Nanded 27-29 Jan 2008 | International |
| 8 | National conference on Green Chemistry and Perspective | SGBAmravatiUnive rsity, Amravati | Department of chemistry, SGBAmravatiUnive rsity, Amravati. 11-12Feb2008 | National |
| 9 | Regional Seminar on Recent Trends in Heterocyclic compounds in chemical, Medicinal and pharmaceutical | U.G.C., New Delhi. | Department of chemistry, Sitaramji Chaudhari Science Mahavidyalaya,War ud, Dist.Amravati 2 nd march 2008 | Regional |

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| | sciences | | | |
| 10 | Current Trends in Chemical Sciences Research | U.G.C., New Delhi. | ShriShivajiCollege, Akola 28 March 2008 | National |
| 11 | Metals Pollution | U.G.C., New Delhi. | Science Collge, Pauni 31 st Aug.2008 | National |
| 12 | Recent Advances in Chemical Research | C.S.I.R. New Delhi. | Department of Chemistry, OsmaniaUniversity, Hyderabad 6-7Feb 2009 | National |
| 13 | State Level Seminar on Current Environmental Problems | U.G.C., New Delhi. | Department of chemistry,Pratibha Niketan Mahavidyalaya, Nanded. 15-16 March 2009 | State |
| 14 | National workshop on Green Chemistry | P.G. Deptt. Of Chemistry, S.G.B. Amravati Uni., Amravati. UGC-DST | 17-18 Feb. 2010. | National |
| 15 | 13 th Annual convention and one day seminar on chemistry in our lives | Department of chemistry, SGB Amravati University Amravati | 25/09/2011 | National |
| 16 | National conference on material: atom to molecule | Shri Shivaji science college Nagpur | Shri Shivaji science college Nagpur 16Dec 2011 | National |
| 17 | National conference 'Recent advances in synthetic chemistry and nanomaterials' | Department of Chemistry, Shivaji University Klopapur | Department of Chemistry, Shivaji University Klopapur 21,22/1/2012 | National |
| 18 | National conference on Recent Researches in Chemistry: A journey towards social upliftment | Lokmanya Tilak Mahvidylaya, Wani | 14,15/02/2012 | National |
| 19 | Regional workshop Redesigning of Chemistry Curriculum | Jointly organized by AUCTA and Brijlal Biyani College, Amravati. | 29 April 2012 | Regional |
| 20 | National Conference on Innovative research trends in Biological | Sponsored by UGC New Delhi. Department of life, Shri Shivaji College, Akola | 08,09 September 2012 | National |

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| | Sciences | | | |
| 21 | IQAC Awareness Workshop | SGB Amravati University, Amravati Shri Shivaji College, Akola | 12 March 2013 | Regional |
| 22 | 18 th one day Conference | All india Physical education and allied teachers' association. Shri Shivaji College, Akola | 17 March 2013 | Regional |
| 23 | National workshop on Enriching Textile with Block Printing ETBP-2013 | Home Science Department, Shri Shivaji College, Akola | 27,28 September 2013 | Regional |
| 24 | Indian Council of Chemist National Conference | Chemistry Department, Dharwad University, Dharwad , Karnataka | 28,29,30 November 2013 | National |
| 25 | Indian Chemical Society National Conference | Chemistry Department Punjab University, Chandigarh | 04,07 December 2013 | National |
| 26 | Indian Science Congress Rural Science Congress ISCA | J. D. Patil Sangludkar Mahavidyalaya Daryapur | 13,14 January 2014 | National |
| 27 | Methodology Workshop on Current trends in Spectroscopic Techniques for Structural Elucidation | Department of Chemistry & IQAC Shri Shivaji College, Akola | 14,20 July 2014 | Regional |
| 28 | Regional Workshop on Research performance Metrics and Intellectual Property Rights | Department of Library & IQAC Shri Shivaji College, Akola | 22 nd December 2014 | Regional |
| 29 | National Conference on Sustainable Chemistry Frontiers and Challenges | Department of Chemistry, Brijlal Biyani College, Amravati. | 30,31 January 2015 | National |
| 30 | 103 rd Indian Science congress (ISCA-2016) | University of Mysore, Mysuru | . 03-07 January 2016 | National |
| 31 | National | Department of | 29,30 January 2016. | National |

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|----|--|---|---|---------------|
| | Conference on Chemical Sciences: Emerging Scenario & challenges (NCCS- 2016) | Chemistry Sant Gadge Baba Amravati University, Amravati | | |
| 32 | 35 th annual conference Indian Council of Chemist | Haribhai V. Desai College, Pune | 22-24 December 2016 | National |
| 33 | Newest Development in chemical sciences for civilized society | Department of Chemistry, Dnyanopasak Shikshan mandals, College of Arts, Commerce and Science, Parbhani. | 09-10 December 2016 | National |
| 34 | Interface of Physical, Chemical and Biological Science | Harisingh Gour University, Sagar, M.P | 11-13 January 2017 | National |
| 35 | National Conference on Chemical Sciences: An Interdisciplinary Approach | Department of Chemistry, Modern College of Arts, Commerce and Science, Pune. 18,20 Jan.2018 Sponsored by Dept. of Sci. & Tech. Govt. of INDIA | 18-20 January 2018 | National |
| 36 | National Conference on Modern Prospective Chemical Sciences Research | Department of Chemistry, Shivaji College of Arts, Commerce and Science, Parbhani. & UGC Sponsored | 30 th Jan.2018 | National |
| 37 | National Conference on Recent advances in Chemical Sciences. | Department of Chemistry, Shri Shivaji College of Arts, Commerce and Science, Akola. | 26 th & 27 th Feb. 2018 | National |
| 38 | International Conference on Recent Trends in Science and Technology | S. S. S. K. R Innani Mahavidyalaya Karanja Lad Dist Washim | 22-23 March 2018 | International |
| 39 | Energy and Environmental | Department of Chemistry | 18-19 Jan.2019 | International |

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| | Challenges | Visvesvaraya Institute of Technology Nagpur | | |
| 40 | Emerging trends in Science | Department of Chemistry, Vidyabharti Mahavidyalaya, Amravati | 01 st & 02 nd February 2019 | National |
| 41 | Recent advances in Science and Technology | Department of Chemistry, Gopikabai Sitaram Gawande College, Umarkhed, Dist Yevatmal | 05 th & 06 th March 2019 | National |
| 42 | Recent advances in Science and Technology | Department of Chemistry, Gopikabai Sitaram Gawande College, Umarkhed, Dist Yevatmal | 05 th & 06 th March 2019 | National |
| 43 | | | | |

Research papers presented in international conferences abroad

| Sr.No. | Title of the Paper Presented | Title of International Conference abroad | Organized by |
|--------|------------------------------|--|--------------|
| 1 | | | |
| 2 | | | |

Conferences/ seminars/workshops/conventions/webinars attended

| Sr.No. | Title of Conference/Seminar | Organized by | Whether international / national/state/regional/college /or university |
|--------|-----------------------------|--------------|--|
| 1 | | | |
| 2 | | | |

Invited lectures and chairmanships national or international conference/seminar

| Sr.No. | Title of lecture | Title of Conference/Seminar | Organized by | Whether International/National |
|--------|------------------|-----------------------------|--------------|--------------------------------|
| 1 | | | | |
| 2 | | | | |

Publications other than Journal Articles (Articles/Chapters Published in Books)

| BookTitle | Publisher | ISSN / ISBN No. |
|--------------------------------|-------------------------------|------------------------|
| A Txt book of Forensic Science | Dnyapath Publication Amravati | |

Research projects (Ongoing and Completed Research Projects)

| Title | Funding Agency | Period | Grant (Rs. lakh) |
|--|-----------------------|---------------|-------------------------|
| "Synthetic Applicability of Substituted Benzothiazole Towards Synthesis of fused heterocycles" | UGC | 2 Years | 1,75000/- |

Research guidance

| Sr. No. | Number Enrolled | Degree awarded |
|----------------|------------------------|-----------------------|
| M. Phil. | | |
| Ph. D. | | |

Patent particulars

| Sr. No. | Patent Title | Date of publications | No. of Co-authors | Whether you are the main author |
|----------------|---------------------|-----------------------------|--------------------------|--|
| 1 | | | | |

Fellowships and Awards

| Fellowship/Award | Award conferring Organization | Event Organized by |
|-------------------------|--------------------------------------|---------------------------|
| | | |

Any other information

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Dr.Santosh Badne