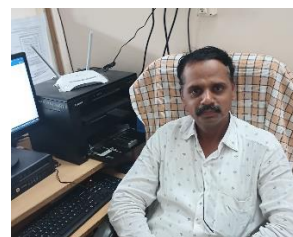


STAFF PROFILE

2.1 Teacher and their profile



BIODATA

NAME

DR. SURESH CHANDRABHAN JADHAVAR

OFFICE ADDRESS

Department of Chemistry

Yogeshwari Mahavidyalaya Ambajogai

CORRESPONDENCE ADDRESS

Shramsafalaya Niwas , Tirupati Nagar, Near Gitte Petrol pump Ambajogai

PHONE NO.

8208313166

E-MAIL ADDRESS

sujadhavar@gmail.com

DATE OF BIRTH

01-06-1978

CASTE

Vanjari (NT-3)

SEX

Male

MARTIAL STATUS

Married

NATIONALITY

Indian

LANGUAGES KNOWN

English, Hindi and Marathi

EDUCATIONAL QUALIFICATION

Ph. D. Topic- Study of Novel methods for synthesis of Biological Active Heterocycles (16-09-2016).

M. Sc. Chemistry (67%), Shivaji University Kolhapur (2000)

B. Sc. With Chemistry, (76%)

RESEARCH EXPERIENCE: 14 Years

TEACHING EXPERIENCE: 20 Years

COMPUTER SKILLS

1. Operating system: Windows
2. Other Expertise in handling Internet resources related with Chemistry, fair Knowledge of formatting and installation of software and website builder and launcher.

Improvement of Professional Competence

1. Participated in workshop on Curriculum in Microbiology, organized by Dept. Of Microbiology , Maulana Azad College, Aurangabad, on **26th June, 2005**.
2. Participated in workshop on Curriculum in Microbiology, organized by Dept. Of Microbiology , PVP college Patoda , on **26th June, 2005**
3. One day workshop on revised syllabus in Micro- biology 2008 organized by Adarsh Mahavidyalaya Omerga. 23.12.2008
4. One day workshop on Revised Syllabus in B.Sc. I yr Microbiology 2009 organized by Sir Sayyad Collage, Auragabad 01.10.2009

Publications / Poster Presentations in Peer Journals / Conferences

1. Published **22 papers** in renowned scientific journals. (List Enclosed).
2. Prepared Notes of Organic Chemistry for B.Sc. as well as M.Sc Students of Dr. B. A. M. University, Aurangabad.
3. Presented **18 Abstracts / papers** in national/international conferences.
4. Attended 09 **Conferences** National/International Level.

RESEARCH AREA:

1. Heterocyclic Chemistry
2. Anticancer activity
3. Nano particles

RESEARCH CONTRIBUTION:

1) RESEARCH PROJECTS ONGOING/COMPLETED UNDERTAKEN:

Sr. No.	Position	Funded by	Grant (Rs.)	Duration	Title
1.	Principal Investigator	UGC-New Delhi, India	75,000	2 years (2007-2009)	Study of Novel methods for synthesis of Biological Active Heterocycles

2) RESEARCH GUIDE

Recognized Ph.D. supervisor in Chemistry, Dr. B. A. M. University, Aurnagabad. Four research students are working for their Ph.D. programme.

Ph. D. working student (Registered)

Sr. No.	Name of the student registered under his/her guidance	Registered M.Phil ./ Ph.D.	Date of registration	Branch of Brief Title of Research	Remarks
1)	Mr. Ramesh A. Mokal	Ph. D.	04-11-2021	The Efficient Strategies for Synthesis of some Heteroannular Analogue	Registration Confirmed
2)	Mr. Vilas S. Vane	Ph. D.	04-11-2021	Novel Strategies for Synthesis of Nitrogen and Oxygen Containing Scaffolds	Registration Confirmed
3)	Ms. Pooja M. Chavan	Ph. D.	04-11-2021	Synthesis , characterization and application of proline based organocatalyst	Registration Confirmed
4	Mr. Vijaykumar S. Bochare	Ph. D.	04-11-2021	Synthesis, Characterization and Biological Activities of Five and Six Membered Nitrogen and Sulphur containing Heterocyclic Compounds	Registration Confirmed
5	Mrs. Vidya N. Aiwale	Ph. D.	04-11-2021	Heterogeneous Metal Oxides Nanoparticles for Photocatalytic Degradation of Coloured Organic Pollutants	Registration Confirmed
6	Ms. Priyanka V. Kagane	Ph. D.	04-11-2021	Synthesis and Biological Activity of Some Novel Heterocyclic Compound	Registration Confirmed
7	Mr. Akash B. Thombre	Ph. D.	04-11-2021	Synthesis of Nitrogen and	Registration Confirmed

				Sulphur containing biologically active heterocyclic compounds by new method	
8	Mr. Anant K. Khandade	Ph. D.	04-11-2021	Electochemical synthesis of conducting polymers and its applications in high power energy storage device.	Registration Confirmed

Administrative Experience

1. Head Department of Chemistry **Since 2022 to till date.**
2. NSS Programme officer.2009-2013.
3. Appointed as in Vaidynath College, Parali V.2005 .
4. D. CAS. Officer of examination, Dr. B. A. M. University during the year2006,2007, 2016.
5. Chief Superintendent of examination, Dr. B. A. M. University on March/April 2012.
6. Under Study of examination, Dr. B. A. M. University during the year 2011.
7. Chief Superintendent of examination, Dr. B. A. M. University on March/April 2011.
8. Vigilance Squad Member of University Exam. 2008-2010, 2013-2017,2018,2019

Organized

1. N.S.S. Camp organized during the Year 2009-20010, 2010-2011, 2011-2012, 2012-2013 at Gitta, Mamdhapur, Ramwadi MS. India
2. Organized Blood Donation at Mamdhapur.

List of Research Papers presented in seminar / symposia / conferences etc.

1. A convenient one-pot synthesis and anticancer activity of octahydroquinaz olinone derivatives .Newest Developments in Chemical Sciences for Civilized Society Dnyanopasak College, Parbhani on dated 09- 10.12.2016
2. An Efficient Synthesis and Evaluation of Anticancer activity of Quinoline Derivatives Advances in Chemical, Physical, Agriculture & Life Sciences for rural empowerment. Vaidyanath College, ParliVaijna th Dist. Beed 23 Feb. 2017
3. [Msim]Cl Catalyzed an Expedient Onepot Synthesis of Polyhydroquinoline Derivatives as Potential Anticancer Agents Recent trends and advances in chemical sciences. B. Raghunath College, Parbhani on dated 12- 13.01.2016.

4. Ionic liquid promoted an efficient synthesis of 2,3 – Dihydro2- (2- hydroxyphenyl)quinazolin-4-(1H)- ones Current Innovations in chemical Research. K. J. Somaiya college of arts, commerce & science, Kopergaon 22-23 Dec.2014
5. SnCl₂ Catalyzed an efficient one pot synthesis of Amidoalkyl Naphthol Derivatives New research trends in chemistry & its applications in Environmental science. KKHA Arts, SMGL commerce & SPHJ science college, Chandwad 30-31 Dec.2014
6. An efficient one pot synthesis of naphthoxazine der. Frontiers in chemical sciences Vyankatesh Arts commerce sci. college Deulgaon Raja.
7. Molecular iodine catalyst Synthesis of 1,5- Benodiazepine der. Under ambient condition. Recent trends in Chemistry. Sir Sayyed College of arts, commerce and Science, Aurangabad.
8. One Pot Synthesis of Xanthene Der. By using an effective L-proline catalyst National Conference on Frontiers of Chemical Research. Jawaharlal Nehru Technologic al uni. Hydrabad.
9. One-Pot Synthesis Reaction Method for obtaining 3- Substituted Alkylated Indole Derivatives, Indian Patent filed 2020210 02546 Intellectual property India.
10. Pyrazolothiazol e [3,4d] Hybrids and Process for Preparing the Same, dated 2020210 05494 Intellectual property India.
11. Recent trends and Innovations in Research Fields of sciences, Humanities and Languages Poster presentat ions Willingdon College sangli.

International Conferences

1. [Hmim]H₂SO₄ catalyzed an efficient synthesis and Biological Derivatives as potential Anticancer agents New Horizons in Synthetic and Material Chemistry. University of Mumbai on dated 26-28 Nov. 2015. School of chemical sciences North Maharashtra University Jalgaon 6-8.
2. A green approach for one pot multicomponent synthesis of N- (1H-indol-3-yl)(2- hydroxyphenyl)methyl) - Nmethylbenzenamine derivatives Green chemistry catalysis, energy & environment. Department of chemistry Goa University Goa 22-24 Jan 2015.
3. Synthesis of 3- substituted Indole Derivatives using Phenylboronic acid as an Effective Catalyst. Emerging Horizons in Biochemical Sciences & Nanomaterials. Shri Shivaji Mahavidyalaya ,Barshi.
4. Design and synthesis of azetidines – Ones and thiazolidine aryl sulfonate moiety as COX-2 inhibitors. Bridging Gaps in Discovery & Development. ISCB - 2011 Rajkot Gujarat.
5. Microwave – assisted synthesis of thiazolopyrimidines containing ICETCS. Gandhinagar Gujarat 2013.
6. An efficient one pot synthesis and anticancer activity of octahydroquinolinone der. International Conference on Advances in Chemical sciences. Shivaji Uni. Kolhapur.
7. Exploring new Trends in Chemical Sciences . Devgiri M. Aurangabad.

Book Published

Development of Novel Methods For Synthesis of Biologically Active Heterocycles.

RESEARCH PAPERS PUBLISHED IN JOURNALS

RESEARCH PAPERS PUBLISHED

2020

- 1) Synthesis of Octahydroquinazolinone Derivatives and Its Anticancer Activity Evaluation, European Journal of Pharmaceutical and Medical Research, 2020 420-424.
- 2) An Efficient Method for One-Pot Synthesis of Bispyrazolyl Methane Derivatives, J. Emerging Technologies and Innovative Res. 242- 244,2020. [ISSN: 2349-5162;
- 3) [Hmim]HSO₄ catalysed an ecofriendly synthesis of 3- substituted indole derivatives Our heritagejournal. com 08/01/2020.
- 4) A Highly Convenient Protocol for the Friedlander Synthesis of Polysubstituted Quinolines as Potential Anticancer Agents,. Chemistry & Biology Interface. (Communicated) 15.01.202.
- 5) An effective one-pot synthesis of indeno[1,2- b]quinoline-7-ones Catalyzed by ammonium metavanadate and its anticancer Evaluation Vidyabharati International Interdisciplinary Research Journal May 2020.

2019

- 6) Highly Asymmetric Aldol Reaction of Cyclohexanone and Aromatic Aldehydes Catalyzed by Bifunctional Cyclohexane-derived Thiourea Organocatalyst, Asian J. Green Chem., 201- 215, 2019.
- 7) Design, Synthesis and Molecular Docking of Pyrazolo [3,4d] thiazole hybrids as Potential Anti-HIV-1 NNRT Inhibitors Bioorganic chemistry, 86, 437- 444, 2019.

2018

- 8) Design and Synthesis of Novel 1, 2, 3- triazolyl-pyrimidinone hybrids as Potential Anti-HIV-1 NNRT Inhibitors, J. Heterocyclic Chem., 55 (4), 821- 829, 2018.

2017

- 9) One-pot multicomponent synthesis and evaluation of anticancer activity of polyhydroquinoline derivatives catalysed by [Msim]Cl, 43:7211-7221 Res Chem Intermed (2017)
- 10) Facile Synthesis of 2-(2- hydroxyaryl)quinazolin-4(3H)-ones and Their Anticancer Activity Evaluation against MCF-7 Cells, Der Pharma Chemica, 2017, 9(15):27-31 Der Pharma Chemica, 2017,
- 11) [Hmim]HSO₄ Catalyzed Synthesis and Biological Evaluation of Quinoline Derivatives as Potential Anticancer Agents, , Chemistry & Biology Interface, 2017 7, 5, 303- 310.
- 12) Design, Synthesis of Novel 1, 2, 3- Triazolyl –Pyrimidinone Hybrids as Potential anti-HIV- 1NNRT Inhibitors. J.Heterocyclic Chem., 2017. 55,821
- 13) An expedient one-pot synthesis of benzo[1,8-naphthyridines under ambient temperature condition Heterocyclic Letter, 7(2), 419- 03, 2017. 424,
- 14) Design , Synthesis and Docking studies of Novel 1,2,3-triazolyl phenylthiazole analogs as potent anti-HIV-1 NNRT inhibitors Medicinal chemistry 7(10) 2161- 0444,

2016

- 15) A Convenient One-pot synthesis of Hexahydroquinolines and Their Evaluation of Anticancer Activity against MCF7 Cells, Heterocyclic Letters, 717-723, 2016.

2015

- 16) Synthesis and Evaluation of Anticancer Activity of Some New 3- Aminoalkylated Indole Derivatives, Am. J. PharmTech. Res., 477-487, 5(2), 2015..
- 17) A Convenient One-pot Multicomponent Synthesis of Dihydropyrimido[4,5-B] quinolinetrios and Evaluation of Their Anticancer Activity, World Journal of Pharmacy and Pharmaceutical Sciences, 4(5), 1106-1116, 2015.
- 18) One-pot Synthesis of 2- (cyclohexylamino)-6,7- dihydro-3-(2- hydroxyphenyl)-6,6- dimethyl-1H-indol-4(5H)- ones as Potential Anticancer World Journal of Pharmaceutical Research, 1806-1815, 2015
- 19) [Hmim]HSO₄ Catalyzed an Expedient One-pot Synthesis of Quinazoline Derivatives as Potential Anticancer Agents, Chemistry & Biology Interface, 5(3), 226-232, 2015
- 20) Synthesis and Molecular Docking Studies of Oxochromeny I Xanthenone and Indolyl Xanthenone Derivatives as Anti-HIV-1 RT Inhibitors, Bioorg. Med. Chem. Lett., , 3882-3886, 2015
- 21) Synthesis and Molecular Docking Study of Novel Chromenochromenones as Anti-HIV-1 NNRT Inhibitors, SynLett., 1969- 1972, 2015.
- 22) Synthesis and Molecular docking of Novel 2- Phenyl-3-(4H-1,2,4-triazol-4-yl) thiazolidin-4- one Derivatives as Anti-HIV-1 NNRT Chemistry & Biology Interface, 267-274, 2015.

Place: Ambajogai

Signature

Dr. S.C.Jadhavar.