

Indira Gandhi (Sr.) College

CICDO, New Nanded-431603. MS, India

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

NAAC Accreditation: Grade B (2.62 CGPA) & ISO 9001:2015 Certified

Best College Award from S.R.T.M. University, Nanded



Faculty Profile

- Name** : Dr. Gangadhar Shankarrao Bhopalkar (Waghmare)
- Designation** : Associate Professor
- Address (R)** : Plot No-13, Adarsh / Sinchan Nagar
Bhavsar Chouk, Taroda (kh) Nanded-431605
- E-Mail Address & Cell No.** : gswagh.chem@gmail.com +919850783362
- Date of Birth** : 07/02/1982
- Date of Appointment** : 25/09/2006
- Date of Superannuation** : 28/02/2042
- Subject & Specialization** : Chemistry (Organic Chemistry)

❖ Academic Qualification:

Degree	Subject	Name of Board/University	Percentage	Year of passing
Ph.D.	Organic Chemistry	S.R.T.M. University, Nanded	NA	2014
GATE	Chemistry	IIT Kharagpur	NA	2006
SET	Chemistry	University of Pune	NA	2006
B.Ed	Science, Mathematics	S,R,T,M,U Nanded	72.00%	2005
P.G.	Chemistry	S.R.T.M. University, Nanded	77.00%	2004
U.G.	Chemistry, Botany, Zoology	S.R.T.M. University, Nanded	71.00%	2002
HSC	Physics, Chemistry, Sociology, Biology, Hindi, English	Latur	55.55%	1999
SSC	Science, Maths, Marathi, Hindi, Social Science, English	Aurangabad	66.66%	1997

❖ Ph.D Degrees:

Sr. No.	Degree	Title	University	Award Year
1	Ph.D. in Chemistry	Synthesis of fused benzothiazoles Containing Pyrimidine/Pyrazole/Triazine heterocyclic rings and studies on their chemistry and biological activity.	S.R.T.M. University, Nanded	May 2013

❖ **Work Experience :**

Sr. No	Name of Organization	Designation	Department	Date of Joining	Date of Leaving
1	Yeshwant Mahavidyalaya Nanded	Assistant Professor	Chemistry	25-09-2006	05-07-2019
2	Rajiv Gandhi Mahavidyalaya Mudkhed	Associate Professor	Chemistry	06-07-2019	30-06-2022
3	Indira Gandhi Sr. College Cidco Nanded	Associate Professor	Chemistry	01-07-2022	Till Date

❖ **Human Resource Development Center OC/RC/STC attended**

Name of the Course / Summer School	Place	Duration	Sponsoring Agency
Orientation Course	Academic Staff College Sant Gadge Baba Amravati University Amravati.	15-09-2010 to 12-10-2010	UGC, New Delhi
Refresher Course	Academic Staff College, JNT Univeristy Hyderabad	07-12-2011 to 27-12-2011	UGC, New Delhi
Refresher Course	Academic Staff College North Bengal University Siliguri, Darjiling	30-10-2014 to 19-11-2014	UGC.-HRDC
Short Term Course	Academic Staff College MANU University Hyderabad	31-10-2018 to 06-11-2018	UGC-HRDC
FDP Course	Teaching Learning Centre Ramanujan College University of Delhi	02-07-2020 to 17-07-2020	PPPPNMTT
Short Term Course	Academic Staff College Gujrat University Ahemadabad	23-07-2020 to 29-07-2020	UGC.-HRDC

❖ **Conference/ Workshop/Seminar Organized**

Sr. No.	Program Name	Funded by	National/ International	Nature of work	Number of Participants	Year
1	Modern Approaches of spectroscopic techniques in chemical, pharmaceutical & Life Science	UGC Sponsored	National	Chairman-Technical Session Committee	200	16-01-2015
2	Emerging Trends in Computer Science, communication and Information Technology	UGC & DST Sponsored	International	Member of Technical Session Committee	300	09-11-2015
3	One Day National Seminar on Recent Trends in Organic Chemistry (RTOC-2022) (Online Mode)	--	National	Member Organizing Committee	100	09-11-2015

❖ **Awards/Fellowship :**

Sr. No	Date of Received	Name of Award / Fellowship	International / National	Name of Awardees Academic Body / Association
1	09-01-2014	Best Research Paper Award	National	Hindustan University Chennai
2	28-12-2015	Young Scientist Award	National	Indian Council of Chemist.
3	2017	INSA-Visiting Scientist Fellowship Award	National	Indian National Science Academy Delhi

❖ **Research Guidance :**

Sr. No	M. Phil. / P.G. Dissertation/ Ph.D	Name of Candidate Enrolled	Title of Synopsis	Allocation dates
01	Ph.D	Mr. Chandrakant Dhanwad	Synthesis of fused heterocyclic compounds containing Pyrimidine/ Triazipine/ Pyrazole rings and studies on their biological activity.	13-05-2017
02	Ph.D	Mr. Vinod Kale	Synthesis and biological activities of Metal Chelates containing Pyridine and Pyrimidine moieties	13-05-2017
03	Ph.D	Miss. Manisha Pangarkar	Synthesis of Transition metal complexes from active heterocyclic ligands and studies on their biological activities.	13-05-2017
04	Ph.D.	Mr. Shashank Malage	Synthesis of novel heterocyclic compounds containing Benzothiazoles, Benzoxazoles, Benzimidazoles and their biological application.	13-05-2017

❖ **Book Publications :**

Sr. No.	Title of Book	Name of Co-author	Year of Publication	International / National / State / Regional	ISSN/ ISBN Number
1	Textbook of Organic Chemistry	--	2014	National	978-81-926500-1-2
2	Textbook of Organic Chemistry	Dr. A T Shinde	2016	National	978-93-85426-11-7
3	Textbook of Organic Chemistry	Dr. S B Zangade	2018	National	978-93-85426-83-8

❖ **Google Scholar Citation**

	All	Since 2018
Citation	48	20
h- Index	05	03
i10 index	02	00

❖ **Academic and Administrative Responsibilities**

Sr. No.	Name of Committee	Designation	Year
1	University Examination	Assistant Chief Superintendent	2018
2	NAAC Committee	Coordinator	2019
3	NEET(UG) Exam	Chief Superintendent	2019-2020
4	SC/ST Cell	Coordinator	2019
5	Academic Bank of Credits	Coordinator	2022

❖ **Research Publications:**

Sr. No.	Title of Paper	Journal Name	Year of Publication
1.	A Convenient synthesis of secondary amines from imines by using NaBH ₄	Org Chem. An Indian Journal, 4(5), 2008,[355-358]	2008
2.	Synthesis, Characterization and Antibacterial activity of some Halo Substituted Schiff Bases.	E-journal of Chemistry, 2010, 7(3),882-886	2010
3.	Synthesis and in-vitro anticancer activity of 9-chloro, 3-cyano, 8-fluoro,2-methylthio-4 oxo-4H pyrimido[2,1b][1,3]benzothiazole and its2-substituted derivatives	J. Chem. Pharm.Res, 2011,3(5),20-27	2011
4.	Multicomponent synthesis and in vitro anticancer screening of 4-cyano,7-10 dimethyl,5-imino,3-methylthio,1,2,4-triazepino (3,4-b) (1,3) benzothiazoles and its 3-substituted derivatives.	Journal of Pharmacy Research, 2011, 4(12),4763-4766	2011
5.	Synthesis and Pharmacological Evaluation of some Chalcone derivatives	Int. Journal of PharmaTech Research, 2012,4(3), 1129-1135.	2012
6.	Synthesis and Characterization of fused Pyrimido-pyrimidine Dicarbonitriles and their antibacterial activity.	Journal of Chem Sci Trans, 2013,2(1),1-4.	2013
7.	Synthesis and in-vitro anticancer activity of 3-cyano 6,9-dimethyl,4-imino 2-methylthio 4H Pyrimido [2,1-b] [1,3] benzothiazoles and its 2-substituted derivatives.	Journal of Pharmacy Research, 2013, 7(9), 823-827	2013
8.	The novel synthesis fused heterocycles and evaluation of their antimicrobial activities	Journal of Multilogic in Science, 2(7), 2014.	2014
9.	A convenient one pot synthesis of 4-cyano, 5-imino,3-methylthio,9-nitro-2H 1,2,4-triazepino [3,4-b] [1,3] benzothiazole and its3-substituted derivatives	J. of Chem.and Pharma. Res, 2014, 6(10),367-375.	2014
10.	Novel synthesis and in-vitro anticancer activity of 3-cyano,4,14-dimino,2-methylthio,10-Nitro pyrimido[2,3-b] pyrazolo [3,4-e] pyrimido [2,3-b] [1,3] benzothiazole and its 2-substituted derivatives.	Asian journal of Biochemical and pharmaceutical Research, 4 (4) 2014	2014

11.	One pot three component condensation for the synthesis of 1,4-dihydropyrano [2,3-c] pyrazoles using cesium fluoride as an efficient catalyst.	Journal of chemical and pharmaceutical research, 2014, 6(4), 733-737.	2014
12.	Synthesis and in-vitro Anticancer activity of 3,4-dihydro 6,9-dimethyl 2-H,1,2,4- Triazino [3,4-b] [1,3]benzothiazole-3,4-dione and its 2-N-methyl/3-substituted derivatives.	Special Issue-Current Global Reviewer, - ICAS-2017	2017
13.	Institutional Best Practices Enrich Students Community and Nations.	Research Journey, International Multidisciplinary E-Research Journal, 2019, 193(B), 52-55	2019
14.	Alumina K3PO4 solid supported Microwave synthesis of 1,3-diaryl-2-propene-1-one derivatives as a prominent Antioxidant	Current Microwave Chemistry, 2020, 7, 145-156.	2020

❖ **Paper Presented in Conference, Seminars:**

Sr. No.	Title of Paper	Month & Year	International / National / State / Regional Event
1.	Novel synthesis and antimicrobial activity of pyrimido[2,1-b] pyrimido[4,5-b]Quinolines	Jan-2008	International
2.	Multicomponent synthesis of 4-cyano-7,10-dimethyl,5-imino,3-methylthio,1,2,4-triazepino [3,4-b] benzothiazole and its 3-substituted derivatives.	Mar-2010	National
3.	Synthesis of 3-cyano 6,9-dimethyl4-imino-2-methylthio pyrimido[2,1-b][1,3] benzothiazole and its 2-substituted derivatives	Aug-2011	National
4.	Synthesis and in-vitro anticancer activity of 3,4-dihydro 6,9-dimethyl-2H-1,2,4-triazino[3,4-b][1,3]benzothiazole,3,4-dione and its 2-N methyl-substituted derivatives	Dec-2013	International
5.	Synthesis and Anticancer activity of 3-cyano 6,9-dimethyl4-imino-2-methylthio pyrimido[2,1-b][1,3] benzothiazole and its 2-substituted derivatives	Jan-2014	International
6.	A convenient synthesis and biological evaluation of novel fused pyrimido pyrimidine3-carbonitrile and its 2-substituted derivatives. Pp-23	Dec-2014	State
7.	Developmental Therapeutic program: A computational tool to investigate in-vitro anticancer activity of fused benzothiazoles	Feb-2015	International
8.	Synthesis and antibacterial activity of novel fused pyrimido pyrimidine 3-carbonitrile and its 2-substituted derivatives	Jan-2015	National
9.	Synthesis and Bioactivity of New fused Diamino pyrimido pyrane	Jan-2016	National
10.	Synthesis, chemistry and biological applications of 5-substituted derivatives of phenyl thiadiazolo quinoxaline using multicomponent reaction.	2015	International

11.	Synthesis and in-vitro anticancer activity of 3-amino 4-imino 6,9-dimethyl pyrazolo [3,4-e] pyrimido [2,3-b] [1,3]benzothiazoles	Dec-2015	International
12.	Synthesis characterization of 6-hydroxy fused pyrimido pyrimidine dicarbonitrile and its 2-heteryl amine derivatives	Sep-2016	International
13.	Synthesis and biological evaluation of fused 2,6,8-substituted pyrido pyrimidine 3,9-dicarbonitrile and its 2-substituted derivatives	Dec-2016	National
14.	Synthesis and in-vitro anticancer activity of Dimethyl triazino benzothiazole-3,4-dione and its 2-N methyl substituted derivatives	Jan-2017	International
15.	A convenient synthesis and biological evaluation of Chalcones derived from p-isopropyl benzaldehyde and 2,4-dichloro benzaldehyde.	Dec-2017	International
16.	Synthesis and antibacterial activity of new 2-amino substituted pyrimidines	Jan-2019	International
17.	Synthesis and antibacterial activity of fused pyrimido pyrimidine heterocyclic compound containing Naphthol moiety	Aug-2019	National
18.	Synthesis of Schiff bases derived from 2-amino substituted pyrimidine	Sep-2019	National
19.	Synthesis and antibacterial activity of 3-phenoxy derivatives of Triazipino benzoxazole	Feb-2020	International
20.	Synthesis and biological evaluation of fused oxo-pyrimido benzothiazoles and its 2-substituted derivatives.	Jan-2020	International
21.	Institutional best practices enrich students, community and Nation.	Sep-2019	National

Name & Signature
(Dr. G S Bhopalkar)