

RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS

(From 01/01/2008 onwards)

Name of the Teacher : Dr. N. R. Thakare

Department : Chemistry

A. Research Papers in National/ International Journals

S.No	Title of Research Paper	Authors	Name of the Journal	Vol. No./Year/Page No.	Date of Publication	Published in peer reviewed journal International/ National	ISSN/ISBN No.	Impact factor if any	Citation	h index	Whether Main Author	API Score
1	Design synthesis and biological evaluation of novel N-naphthyl-5-aryl-1,3,4-thiadiazole-2-amine derivatives as anticancer and their molecular docking studies	P.R. Yawale, N.R. Thakare	Organic communications	19(3),2026	2026	Yes	1307-6175					9.1
2	Substrate contolled divergent synthesis of Azetone analogues	P.R. Yawale, N.R. Thakare	IJVRA	Vol.4 Issue 7, July 2026	2026	Yes	2984-8903					9.1
3	Evaluation of Physico-Chemical Charactereristics of ground water from the Akola MIDC indutrial zone	N.A. Kalambe N.R. Thakare and other	Journal of Emerging Technologies and Innovative Research	Vol (12),Issue12, DEC.2025	2025	Yes	2349-5162					9.1
4	Synthesis and Antimicrobial studeies of Coumarinyl Derivatives	N.A. Kalambe and N.R. Thakare	Journal of Emerging Technologies and Innovative Research	Vol (11),Issue12, DEC.2024	2024	Yes	2349-5162				NO	9.1
5	STUDY OF PHYSICOCHEMICAL PARAMETERS OF WATER SAMPLES FROM LAKE NEAR RATAN POWER, AMRAVATI TAHSIL, MAHARASHTRA	P.R. Yawale, N.R. Thakare and P.P. Chaudhari	Journal of Emerging Technologies and Innovative Research	Vol (10),Issue2, Feb.2023	2023	Yes	2349-5162				NO	9.1

6	Synthesis, characterization and biological evaluation of some isoxazole derivatives from various chalcones	N.R.Thakare & A.P.Thakare	Journal of Emerging Technologies and Innovative Research	Vol (7),Issue 9, Sept. 2020	2020	Yes	2349-5162				Yes	9.1
7	Measurement of Acoustical and Thermodynamic Parameters of Coumarinyl Derivatives	N.R. Thakare	Journal of Emerging Technologies and Innovative Research	Vol.(7),Issue 3, Mar 2020	2020	Yes	2349-5162				Yes	13
8	Syntesis and Ultrasonic Interferometric Study Coumarinyl Derivatives	N.R.Thakare, P.A. Nagpure, U.S.Joshi & S.V. Rathod	Journal of Emerging Technologies and Innovative Research	Vol.(7),Issue 2, Feb 2020	2020	Yes	2349-5162				Yes	9.1
9	Synthesis, Charactrization of azopyrazoles and azoisoxazole derivatives from substituted aniline	N.R.Thakare & A.P.Thakare	Journal of Emerging Technologies and Innovative Research	Vol.(5),Issue 7, July 2018	2018	Yes	2349-5162	5.87			Yes	9.1
10	Synthesis, Charactrization of azopyrazoles derivatives	N.R.Thakare, A.P.Thakare,	Int.Research J. of Science and Engg.	Special Issue-A-3, 101-103	2018	Yes	2322-0015	SJIF-4.11			No	3.9
11	Thermodynamic and viscometric study of Coumarin derivatives in 70% ethanol-water and dioxane-water solvent.	N.R.Thakare, Y.S. Thakare, M.M. Kodape	J.of Chemical and Pharmaceutical Research	8(11),2016,37-41	2016	Yes	0975-7384	0.35 SJR			No	3.9
12	Synthesis and characterization of new 3,5- disubstituted pyrazoline	N.R.Thakare	International J. of chemical and physical sciences	4(6),2015,44-49	2015	Yes	2319-6602	1.02 Universal Impact Factor			Yes	13

13	Synthesis of some new 3,5-Disubstituted Pyrimidine and Thiopyrimidine Derivatives as potent Antimicrobial Agents	N.R.Thakare, A.K.Dhawas, S.S. Thakare, M. Subhas and A.D. Kale	International J. of Researches in Biosciences, Agriculture & Technology	Special Issue-I, Feb. 2015,	2015	YES	2347-517X				No	3.9
14	Synthesis and characterization of some new 3,5- disubstituted pyrazoline and isoxazoline derivativees	N.R.Thakare, and A.K.Dhawas	J.of Chemical and Pharmaceutical Research	6(8),2014,333-337	2014	YES	0975-7384	0.35 SJR			Yes	9.1
15	Synthesis, Charactrization of some new 3,5-dimethyl azopyrazoles and its derivatives	N.R.Thakare, A.K.Dhawas, P.S.Ganoskar and P.D. Kale.	J.of Chemical and Pharmaceutical Research	4(6),(2012),3329-3332.	2012	YES	0975-7384	0.35 SJR			Yes	9.1
16	Synthesis of Novel Imidazole-2-thiols derivatives and evaluation of their antimicrobial efficacy;	N.R.Thakare,S. S.Thakare A.K.Dhawas and A.D. Theng	Ind.J.of Hetrocyclic Chemistry	Vol.21, (2012), 217-220.	2012	YES	0971-1627	0.17 SJR			No	3.9
17	Synthesis and characterization of some new 1,4,5-trisubstituted imidazole-2-thiols derivatives.	N.R.Thakare, S.S.Thakare and A.K.Dhawas	J.of Chemical and Pharmaceutical Research	,4(1),(2012),866-871.	2012	YES	0975-7384	0.35 SJR			No	3.9
18	Synthesis and characterization of 1-Thiocarboxamido-3,5-diaryl- Δ^2 - Pyrazolines by green chemistry method; International;	N.R. Thakare and P.R. Bhagat	International J. of chemical and physical sciences	1(1),2012,15-18.	2012	YES	2319-6602	1.02 Universal Impact Factor			Yes	9.1
19	Synthesis and antimicrobial activity of New 3,5 disubstituted Pyrazolines	R.R.Dubey, S.S.Thakare, N.R.Thakare,A. K.Dhawas	Ind.J.of Hetrocyclic Chemistry	Vol.19, (2010), 281-284.	2010	YES	0971-1627	0.17 SJR			No	3.9

20	Synthesis and Antimicrobial Studies of Some 3-Coumaryl-5-Aryl Pyrazolines and Pyrazole	N.R. Thakare and V.S. Jamode	Asian J. of Chemistry 2007	Vol.19, 5 (2007), 3633-3636.	2007	YES	0970-7077				Yes	9.1
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B. Full Papers in Conference Proceedings

S.No.	Title of Research Paper	Authors	Details of Conference Publication	Year	Page No.
1	Physicochemical Study of Bore well Water in Amravati Municipal Corporation Area, Maharashtra, India	N. R. Thakare# and A. K. Dhawas	National Seminar On “Technological Innovations with Environmental Integrity”	HVPM’S COET on 28 th feb 2012.	81
2	Microwave Induced Synthesis of 3,5-Diaryl Pyrazolines and its Characterization	N. R. Thakare	National Conference On “Frontier areas in Chemistry”	Dept. Of ChemistryShri Shivaji Sceince College, Amravati on 23 & 24 Oct. 2013	

ISSN/ISBN No.
978-81-922256-5-4
978-81-926186-3-0

C. Papers presented in Conferences/Seminars/Workshops/Symposia

Sr.No.	Title of the paper presented	Title of Conference / Seminar	Organized by	International /National/State/Regional/College or University level	API Score
1	Microwave synthesis of 1-Thiocarboxamido-3,5-diaryl- 2-Δ Pyrazolines	National Conference on Green Chemistry and its perspectives	Dept of Chemistry, SGB Amravati University Amravati, on 11 th &12 th Feb.2008	0	3
2	Physicochemical Study of Bore well Water in Amravati Municipal Corporation Area, Maharashtra, India	National Seminar On “Technological Innovations with Environmental Integrity”	HVPM’S COET on 28th feb 2012.	National	3
3	Synthesis and characterization of some new 3, 5-disubstituted pyrazoline and isoxazoline derivatives,	National Conference on Frontier Areas in Chemistry	Dept. of Chemistry, Shri shivaji Science College, Amravati on dt.23 & 24th Oct. 2013	National	3
4	Synthesis and Studies of some new 3, 5-disubstituted pyrazolines.	National Conference on Sustainable Chemistry : Frontiers and Chanllenges	Dept. of Chemistry, Brijlal BiyaniScience College, Amravati on dt.30 & 31 Jan. 2015	National	3
5	Synthesis and Antibacterial activity of Novel Complexes of Benzothiazole Derivatives	National Conference on Novel Synthesis of Advance Materials and their Applications	Dept. of Physics, Arts, Commerce and Science College, Maregaon(road), Distt. Yavatmal on dt. 16th Feb.2015	National	3

6	Synthesis and Antibacterial activity of Complexes of 2-amino acetate Benzothiazole with some metrals	National Conference on Chemical Sciences	Dept of Chemistry, SGB Amravati University Amravati, on 29 th &30 th Jan.2016	National	3
7	Antimicrobial Activity of leaves Extract of Millettia Auriculata Plant.	MMOS-2017	Dept. of Chemistry, RTM Nagpur University, Nagpur on 20 & 21 Mar.2017	National	3
8	Microwave Assisted Improved Method for the Synthesis and Characterization of N-Aroyl-3,5-disubstituted Pyrazolines.	MMOS-2017	Dept. of Chemistry, RTM Nagpur University, Nagpur 20 & 21 Mar.2017	National	3
9	Synthesis and characterization of pyrazole and isoxazole derivatives from substituted aniline	International conf. on RTST-2018	Dept. of Chemistry, SSSKR Innani Mahavidyalaya, Karanja Lad. 22 & 23rd March 2018	International	5
10	Enhanced Photo catalytic activity of Nan crystalline Co-doped CeO ₂	CE2C-2019,	Department of Chemistry VNIT, Nagpur	International	5
11	Synthesis and Ultrasonic Inferrometric Study of Coumarinyl Derivatives	NSIMD-2019	Department of physics, SGB University, Amravati & Shri Shivaji Science College, Amravati	National	3
12	Synthesis and Ultrasonic Inferrometric Study of Coumarinyl Derivatives	NCIRST-2019	Dept. of Chemistry, Shri shivaji Science College, Amravati on dt.17 & 18th Dec. 2019	National	3
13	Management of Municipal solid waste and Production of Manure from MSW	NCABCSD- 2023	Dept. of Zoology,Shri shivaji Science College, Amravati on dt.3 & 4th March. 2023	National	3
14	Synthesis Characterization of Coumarinyl Derivatives	NCRAS-2024	Vidyabharati Mahavidyalaya, Amravati	National	3

15	Green Synthesis of Copper doped silver nanocomposit by using lawsonia Inernis (Heena) Extract and their antimicrobial activity	ICFM-2024	Nabira Mahavidyalaya, Amravati	International	5
16	Synthesis of Biological active Organic Compounds	RRSD- 2024	Shri Shivaji College of Education, Amravati on 20th & 21st Dec 2024	International	5
17	Synthesis and Antimicrobial study of Heterocyclic derivatives	NCEFSCIS- 2025	Adarsh Science, J.B. Arts and Birla Commerce Mahavidyalaya, Dhamnagaon Rly. On 8th Feb. 2025	National	5
18	Synthesis and Chracterization of N- benzimidazolyl sustituted pyrazolines	ICISSD-2025	Science College, Kiran nagar, Amravati. 19 & 20 March 2025	International	5
19	A comprehensive analysis of agricultural soil in amravati district	NCRTST-2025	Science College, Warud. 2 August 2025	National	5
20	Cyclization sequence from 1-(2-hydroxy-3-bromo-5-methylphynyl)-3-(3-indolyly)-chalcone and pyrazolines	NCE3IP	Shri Shivaji Science College, Amravati 28 & 29 Nov 2025	National	5

21	Synthesis of 1,3,4-thiadiazole derivatives of alpha naphthylamines	Innervate- 2026	Bajaj College of Science, Wardha	National	5
22	Synthesis and spectral studies of derivatives of phenyl hydrazine	NCETSSD-2026	Narayanrao Kale smruti model college, Karanja (gh)	National	5

D. Ongoing and Completed Research Projects

Sr. No.	Minor/ Major	Title	Funding Agency & Sanction Letter NO.	Duration	Sanctioned Amount (Rs. Lakh)	Received Amount (Rs. Lakh)	Status
1	Minor	Physicochemical and Micronutrient status of soil : A case study of Tongalabad village.	UGC	2008-2010	60,000	60,000	Worked as a Co- Investigator

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E. Research Guidance

Sr. No.	Name of Students	Guidance for (M.Phil./Ph.D)	University Registration No.	Title of the Thesis	Place of Work	Whether FIP / FDP availed (if so mention period)

Status with date
(Working/Thesis Submitted/Approved)

F. Refresher / Orientation / Short term courses (Training Programme, Workshop, Summer School etc.)

Sr. No.	Name of the Course	Duration with Date	Organized by	Venue
1	59th Orientation Programee	20/02/2008 to 18/03/2008	RTM Nagpur University Nagpur	ASC, RTM Nagpur University
2	Refresher Course in Chemistry	20/11/2012 to 11/12/2012	SGB Amravati University, Amravati	ASC, SGB Amravati University
3	STP in Faculty Development for Senior Faculty	4/07/2016 to 9/07/2016	SGB Amravati University, Amravati	ASC, SGB Amravati University

G. Conferences/Seminars/Symposia/Workshop attended

Sr.No.	Level (International /National/State/Regional/ College or University)	Conferences / Seminars / Symposia / Workshop	Title of Conference/ Seminar/Symposia/Workshop	Organized by	Date and Venue
1	National	Conference	NCEFSCIS- 2025	Adarsh Science, J.B. Arts and Birla Commerce Mahavidyalaya, Dhamnagaon Rly.	8th Feb. 2025
2	International	Conference	RRSD- 2024	Shri Shivaji College of Education, Amravati	20th & 21st Dec 2024
3	International	Conference	ICFM-2024	Nabira Mahavidyalaya, Amravati	15th & 16th March 2024
4	National	Conference	NCRAS-2024	Vidyabharati Mahavidyalaya, Amravati	10th Feb.2024
5	National	Conference	NCABCSD- 2023	Dept. of Zoology,Shri shivaji Science College, Amravati	3 & 4th March. 2023
6	Internatrional	Webinar	International Webinar on Chemical Education	Dept. of Chemistry, Kamala Nehru Mahavidyalaya, Nagpur	4th to 5th Feb. 2022
7	National	Workshop	Three Days Online Workshop on "Chemistry"	Dept. of Chemistry, N.B. Mehta Science College, Bordi	6th to 8th Sept. 2021
8	National	Workshop	RMC-21 Worked as Organizing Secretary	Dept. of Chemistry, Shri shivaji Science College, Amravati	11th & 12th April2021
9	Internatrional	Webinar	IWEDS-2021	Dept. of Chemistry, Kamala Nehru Mahavidyalaya, Nagpur	9th Feb 2021
10	National	Conference	NCIRST-2019	Dept. of Chemistry, Shri shivaji Science College, Amravati	17 & 18th Dec. 2019

11	National	Conference	NSIMD-2019	Department of physics, SGB University, Amravati & Shri Shivaji Science College, Amravati	24 & 25 June 2019
12	National	Conference	Emerging Trends in Science	Department of Chemistry, VBMV,Amravati	1 & 2 Feb 2019
13	Internatrional	Conference	CE2C-2019,	Department of Chemistry, VNIT, Nagpur	18 &19 Jan 2019
14	Internatrional	Conferences	International conf. on RTST-2018	Dept. of Chemistry, SSSKR Innani Mahavidyalaya, Karanja Lad	22 & 23rd March 2018
15	National	Seminar	MMOS-2017	Dept. of Chemistry, RTM Nagpur University, Nagpur on	20 & 21 Mar.2017
16	National	Conferences	National Conference on AAAHEI	IQAC Cell, Shri Shivaji Science College, Amravati	9th & 10th Dec. 2016
17	National	Seminar	Nanotechnology & Nanoengineering	Dept of Chemistry, Arts,Commerce and science College, Kiran Nagar Amravati.	29th Sep.2016
18	National	Conferences	National Conference on Chemical Sciences	Dept of Chemistry, SGB Amravati University Amravati.	29th&30th Jan.2016
19	National	Conferences	National Conference on Novel Synthesis of Advance Materials and their Applications	Dept. of Physics, Arts, Commerce and Science College, Maregaon(road), Distt. Yavatmal.	16th Feb.2015
20	National	Conferences	National Conference on Sustainable Chemistry : Frontiers and Chanllenges	Dept. of Chemistry, Brijlal Biyani Science College, Amravati.	30 & 31 Jan. 2015

21	Regional	Workshop	"Research Performance Matrics and Intellectual Property Rights"	Library and Network resource Centre, Shri Shivaji Sceince College, Amravati	22nd Dec. 2014
22	Regional	Seminar	"Role of Chemistry in Rural Industrialization"	Dept. of Chemistry, Shri R.G. Rathod Arts & Science College, Murtizapur, Distt. Akola	30th Nov. 2014
23	National	Conferences	National Comference on Frontier Areas in Chemistry	Dept. Of Chemistry, Shri Shivaji Science College, Amravati	23&24th Oct.2013
24	Regional	Workshop	Redesigning of Curriculum	Department of Chemistry, Brijlal Biyani Science College,Amravati in Association with AUCTA	29th April 2012
25	National	Seminar	National Seminar On “Technological Innovations with Environmental Integrity”	HVPM’S College of Engineering and Technology	28th feb 2012.
26	National	Conferences	National Conference on Material “Atom to Molecule”	Dept. of Chemistry, Shri Shivaji science College, Nagpur	16th Dec.2011,
27	National	Workshop	National Workshop on “Advances in Instrumental Techniques”	Shri Shivaji Science College, Amravati in association with Association of chemistry teachers	14th -16th October 2010.
28	National	Seminar	National Seminar On “Recent Innovations In Herbal Drugs”	Mahatma Fule Arts, Commerce and Sitaramji Choudhari Science Mahavidyalaya, Warud	24th Jan 2009,

29	National	Seminar	National Seminar on “Current Trends In chemical sciences and research”	Department of Chemistry, Shri Shivaji Science College, Akola	28th March 2008.
30	National	Conferences	National Conference on “Green Chemistry and Its Perspective”	Department of Chemistry, SGB Amravati University, Amravati	11-12 Feb., 2008

H. Awards/ Recognition related to research

Sr.N.	Name of Faculty/Student	Award/Recognition

I. Books with ISBN/ISSN number with details of publisher

Sr.No.	Title of Book	Authors	Editors	ISBN/ISSN No.	Publisher Name	Year of Publication
1	Text Book of Practical Chemistry- B.Sc.I Page Nos.- 35-54,73-93	Dr. N.R. Thakare,Dr. S. K. Rithe and Ms. Naziya Rashid	Dr. S.S. Thakare & Dr. P.R. Padole	978-81-90577-6-11-3	Nabh Prakashan	2012
2	Text Book of B.S.c II Sem- IV		Dr. N.R. Thakare Dr.S. J. Patil and Prof. M.A. Pawar	978-81-19435-66-1	Dnyanpath Publication	14 th January 2024
3	Organic Chemistry-1 Sem- IV Major Theory		Dr. N.R. Thakare Dr.N.A. Rashidi Dr. K.N. Puri and Dr. S.S. Idhole	978-81-19435-66-1	Dnyanpath Publication	Mar-26

J. Prioritised Research Area and Expertise Faculty

Sr.N.	Department	Recognised Supervisor/Expert	Prioritised Research Area	Area of Expertise
1	Chemistry	RTM Nagpur University, Nagpur	Heterocyclic Chemistry	Organic Chemistry

J. Prioritised Research Area and Expertise Faculty

Sr.N.	Department	Recognised Supervisor/Expert	Prioritised Research Area	Area of Expertise
1	Chemistry	RTM Nagpur University, Nagpur	Heterocyclic Chemistry	Organic Chemistry
2	Chemistry	SGB Amravati University, Amravati	Heterocyclic Chemistry	Organic Chemistry

K. Invited Talks / Session Chaired

Sr.No.	Invited Talk / Session Chaired	Title of Conference/ Seminar/Symposia/Workshop	Organized by	Date and Venue

Level (International /National/State/Regional/ College or University)	Title of Invited Talk