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Designation	Assistant Professor
Name of the department	Chemistry
Qualification	M.Sc., B.Ed., Ph.D.

Year	Research Paper International Journal	Research Paper National Journal	Book Publish/Chapter	Patent Publish/IPR	Resource Person	Conferences/Seminars/Workshop organized / attended
2014	-	-	-	-	-	-
2015	-	-	-	-	-	-
2016	-	-	-	-	-	-
2017	-	-	-	-	-	-
2018	-	-	-	-	-	-
2019	01	-	-	-	-	01
2020	02	-	-	-	-	01
2021	01	-	01	-	01	01
2022	01	-	01	-	-	01

Orientation / Refresher / Short Term course / Faculty Development Programme (FDP):

Numbers: 05

Administrative Experience

1. Placement officer of M.S.G. Arts, Science and Commerce College Malegaon Camp from 2019 to till date.

Representation on Academic / Administrative bodies / Member of organizational bodies.

1. Coordinator of National Science Day
2. Member of Science Association of College
3. Co-ordinator of Ph.D. Course Work

Teaching Experience: 3 yrs and 6 months

Awards / Recognitions

1. KBC-North Maharashtra University Gold Medal for 1st in Chemistry-UG Level
2. Best Oral Presentation at M. J. College International Conference, Jalgaon 2016
3. Best Oral Presentation at M. J. College International Conference, Jalgaon 2020
4. Best Poster Award Avishakar Research Competition 2015
5. Swarna Pursakar for Best Oral Presentation by National Academy of Science, Government of India-2017
6. Editorial board member of American Journal of Nano Research and Applications.
7. Reviewer of Journal of Pharmaceutical Research International.
8. CSIR-Summer Research Fellow at CSIR-NIST, Thiruvananthapuram, Kerala
9. Young Scientist Award by Indian Council of Chemist at Agra, India

Research Guidance for M.Phil./Ph.D./Project

P.G. Project guide: Total students: 04

Reviewer of Journals

Reviewer of Journal of Pharmaceutical Research International

A research paper published / presented

1. Nandkishor B. Shirsath, Devendra S. Raghuvanshi, Chandrashekhar M. Patil, Vikas V. Gite, Jyotsna S. Meshram, Biocomposite Formation Using β -cyclodextrin as a Biomaterial in Poly(acrylamide-co-acrylic acid): Preparation, Characterization, and Salinity Profile, Iranian Polymer Journal 2018, 27, 227. (Impact Factor- 1.45)
2. Nandkishor B. Shirsath, Gaurav R. Gupta, Vikas V. Gite, Jyotsna S. Mesharam, Studies of Thermal Assisted Interactions of Polysulfide Polymer with Ionic Liquids, Bulletin of Materials Science, 2018, 41, 63. (Impact Factor- 0.899)
3. Nandkishor B. Shirsath, Chandana Roy, Devendra S. Raghuvanshi, Vikas V. Gite, Jyotsna S. Meshram, Synergistic Effect of TiO₂ nanoparticles in Starch-Poly(acrylamide) and its application. (IF-1.50)
4. Nandkishor B. Shirsath, Vikas V. Gite, Jyotsna S. Mesharam, Investigation of Interaction Strategies between Pyrazolone Dyes and Poly(acrylamide- co-acrylic acid), Russian Journal of Applied Chemistry, 2016, 89, 1893. (Impact Factor- 0.375)
5. Devendra S. Raghuvanshi, Nandkishor B. Shirsath, Pramod P. Mahulikar, Jyotsna S. Meshram 3D Architected Polyazomethine Gel Synthesis: Its Self Assembled Intercalating Complexation with Nitro-Aromatic Acceptor, Bulletin of Materials Science, 2018, 41, 44.
6. Nandkishor B. Shirsath, Vikas V. Gite, Jyotsna S. Mesharam, Ternary Inclusion Complex of Isoniazid with β -Cyclodextrin and Hydrophilic Polymer for Solubility Enhancement, DAE-BRNS 6th Interdisciplinary Symposium on Materials Chemistry, 2016, 387. (Conference proceeding, BARC, Mumbai)
7. Nandkishor B. Shirsath, Vikas V. Gite, Jyotsna S. Mesharam, Synthetic Strategies towards Silica/Poly (Acrylamide-Co-Acrylic Acid) Composites, Modern Organic Chemistry Research, 2017, 2, 66.
8. Devendra S. Raghuvanshi, Nandkishor B. Shirsath, Pramod P. Mahulikar, Jyotsna S. Meshram, Fabricating Green Mansion for the Synthesis of (2HB) INH and Its Scaffolds: UV-Visible Determinations for Selective Probe towards Co⁺² ions, Modern Organic Chemistry Research, 2017, 2, 138.
9. Nandkishor B. Shirsath, Review on Cyclodextrins/polymer Complexation: A Modern

Approach, Scientific Research and Reviews, 2020, 13, 111.

10. Nandkishor B. Shirsath, Devendra S. Raghuvanshi, Jyotsna S. Meshram, 3D Architected Poly(acrylamide-co-azomethine-co-acryl acid) cogel: Synthesis, Characterization and Salinity Profile, Advanced Materials Proceedings, 2020,5,20030407.

11. Nandkishor B. Shirsath, A Systematic Review on Novel Coronavirus (COVID-19): Keys to Origin, Symptoms, and Precautions Manuscript is publish in Virus Disease Journal)

Books published / chapter in a book:

1. Poly (Azomethine): Synthesis, Properties And Applications

NB Shirsath, RS Patil, Advanced Research in Material and Chemical Science
Volume II (ISBN: 978-81)

2. A Systematic Review on Chemistry of Remdesivir: Promising Agent for Treatment of COVID-19, Small Bioactive Molecules, ISBN: 978-1-68576-211-7 (e)

Orientation / Refresher / Short Term course / Faculty Development Program me (FDP):

Sr. No.	Course	Title	Organizer	Duration	Dates
1.	Online Refresher Course In Chemistry For Higher Education	Online Refresher Course In Chemistry For Higher Education	Guru AngadDev Teaching Learning Centre,MHR D, Govt. of India at SGTB Khalsa College, University of Delhi (Swayam)	16 Weeks	1 Sep-31 Dec. 2019
2.	Refresher Course on Teacher and Teaching in Higher Education	Refresher Course on Teacher and Teaching in Higher Education	SavitribaiPhule Pune University, Pune (Swayam)	16 Weeks	1 Sep-31 Dec. 2019
3.	4-week orientation Program	4-week orientation Program	Ramanujan College, New Delhi	1 month	04 june-1 july 2020
4.	One Week FDP	Waste Management & its Impact on the Environment	Department of Civil Engineering & Applied Chemistry, G. H. Rasoni College of Engineering, Nagpur	1 Week	20-25 July 2020

5.	10 Days FDP	Effective Ways To Develop E-content For Teaching-Learning	KTHM College Nashik & UGC-HRDC, SPPU, Pune	10 Days	21-30 May 2020
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Conferences/Seminars/ Workshop organized / attended

Sr. No.	Level	Title of the conference	Organizer	Year
1.	International	89 th Annual Session of NASI and Symposium	ICAR-NASI, Rajendranagar, Hyderabad	2019
2.	International	107 th Indian Science Congress	Agricultural University, Bangalore	2019-20
3.	National	Role of Basic Science and Technology in COVID-19	J.A.M. Patel A.C.S. College Bhandra	2019-20
4.	National	CSIR-SRTP training Program	CSIR-NIEST, Jorhat	2020-21
5.	International	Interdisciplinary Approaches in Chemical Sciences	Abasaheb Garware College, Pune	2021-22
6.	International	Current Scenario in Chemical Sciences	M.J. College Jalgaon	2021-22
7.	International	Current Research in Chemistry and Nanoscience (CSCS-2022)	L.V.H. A.C.S. College, Nashik	2021-22
8.	International	XXXXI Annual Conference	Indian Council of Chemist at Agra	2022-23
9.	International	92 nd Annual Session and Symposium	National Academy of Science, HQ, Prayagraj, India	2022-23
10.	National	Recent Advances	B. S.	2022-23

		in Chemical and Physical Sciences	Mahavidyalaya, Basmat Dist. Hingoli	
Experience as Resource Person for: Invited talk at Government College, Lawan Chatisgadh				
E-content developed link 1. https://drive.google.com/file/d/1n2c_tl4a0m4pY7hB1dw5JfHzoPOUgMdr/view?usp=sharing 2. https://drive.google.com/file/d/1eusIIKsM0Q2n_lfkE1N96JZ0owz8GZEm/view?usp=sharing 3. https://drive.google.com/file/d/1IWlOtz_Bk7epH25TwXfju-aSVpkOvw6s/view?usp=sharing 4. https://drive.google.com/file/d/1Igr7FbYKfM8km4aLCFjtMF-RsiuATto9/view?usp=sharing				

Contribution for the Professional Development

1. Organizer of National Science Day
2. Coordinator of National Webinar on "Polymer Science: Current and Future" by Department of Chemistry, M.S.G. College Malegaon Camp.
3. Co-coordinator of Ph. D. Course Work held by M.S.G. College Malegaon Camp.

Contribution for the Student Skill Development:

1. As a resource person for PG Students at Government College, Lawan, Chatisgadh

Social Media links

Research gate	https://www.researchgate.net/profile/Nandkishor-Shirsath
Research Scholar	https://scholar.google.com/citations?hl=en&user=ix289rMAAAAJ
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