

Rayat Shikshan Sanstha's
R. B. Narayanrao Borawake College, Shrirampur, Dist. Ahmednagar

Format for preparing the faculty profile

(Provide the information for last five years from 2015-16 to 2020-21)

1. Name of the faculty: **Prof. Dr. Shelke Sharad Narayan**
2. Name of the Department: **Chemistry**
3. Educational qualifications: **M.Sc., B.Ed, SET, Ph.D., M.B.A**
4. Present position: **Professor**
5. Address for correspondence: **Dept. of Chemistry, RBNB College, Shrirampur**
6. E-mail and contact number: **snselke@yahoo.co.in**
7. Specialization: **Organic chemistry**
8. Total teaching experience: **21 years**
9. Courses taught: **Spectroscopy and Organic Chemistry**
10. Research experience: **15 years**
11. Major research projects completed: **Nil**
12. Minor research projects completed: **Three**

Sr. No.	Title of the project	Date of sanction and duration	Grant received	Funding agency	PI or Co-PI
1	Synthesis and screening of some biologically important Triazoles & Thiadiazoles	1-4-2008 to 31-3-2010	Rs. 85,000/-	UGC, New Delhi	PI
2	Green Synthesis and Screening of Some Biologically Important Pyrazolines & Benzothiazepines	1-4-2012 to 31-3-2014	Rs. 1,65,000/-	UGC, New Delhi	PI
3	Efficient and Green Cu-Ferrite Nano-Catalysed Synthesis of Novel Pyrazole Derivatives	1-4-2013 to 31-3-2016	Rs. 2,30,000/-	BCUD, SP Pune University	PI

13. Number of students awarded Ph.D./ M. Phil/ degree: (6+1)=7

Sr. No.	Name of the student	Topic of research	Date of registration	Date of declaration of Ph.D. degree
1	Mr. Shirole G. D.	Study of green strategies for synthesis of nitrogen heterocycles via multicomponent approach	17/01/2013	27/09/2017
2	Mr. Mhaske G.R.	Synthesis and Structure Activity Relationship Study of Fluorinated Hetrocycles	05/07/2014	30/01/2018
3	Mr. Bankar S.R	Magnetically Recyclable Nanocatalysis: Application in Organic Synthesis	15/04/2013	11/06/2018
4	Mr. Gade V.B.	Heterogeneous Catalysis- Application in Organic Transformations	05/07/2014	31/08/2018
5	Mr. Kadnor V.A.	Synthesis of Some Bioactive Carbazole Derivatives and Their Sar Study	17/01/2013	13/09/2019
6	Mr. Bhalekar S.	Synthesis of Bioactive Heterocyclic Derivatives of Tetrahydrothieno pyridine and It's Biological Evaluation	07/07/2014	20/02/2020
7	Mr. Manjul R. K.	Synthesis and Characterization of Nickel-Ferrite Nanocatalyst and Its Application for Multicomponent Reactions	01/10/2014	25/10/2018

14. Number of students registered for Ph.D. degree: 4

Sr. No.	Name of the student	Topic of research	Date of registration
1	Mr. Nilkanth P.R.	Synthesis of Some N-Containing Heterocycle and Biological Evaluatory Study of Their Novel Schiff's Bases	07/07/2014

2	Mr. Kavale R.A.	Synthesis and Application of Silica Supported Ferrite Nano- particles in Organic Transformations	27/03/2018
3	Mr. Sutar P.B.	Development and Characterization of New Functionalized Co-polymers, Nano-Composites for Potential Applications	27/03/2018
4	Mr. Thopate V.D.	Ionic Liquid Promoted Synthesis of Bioactive Nitrogen Heterocycles By Green Approach	04/12/2020

15. Participation in conferences, symposia, seminars and workshops: International, national, state or university level, attended. Presented paper, chaired session. Resource person.

53	National Seminar on "Recent Trends in Research", Sou. Sushilamai Kale ASC College, Kolpewadi (MH) India, 29 Feb. 2020	Present paper	National Level
52	International Conference on "Advances in functional materials (ICAFM-2018)", KTHM College, Nashik (MH) India, 12-13 Jan. 2018.	Present paper	International Level
51	National Seminar on "Industry, Academia & Environment Challenges (NCIAEC-2017)", R.K. Mahila Mahavidyalaya, Ahmednagar (MH) India, 23 Dec. 2017	Coordinator & Present paper	National Level
50	State Seminar on "Recent Developments in Chemical Sciences", RBNB College, Kopargaon (MH) India, 27 Aug. 2016	Present paper	State Level
49	National Seminar on "Innovative Strategies in Teaching, Learning Process", RBNB College, Shrirampur (MH) India, 26-27 Aug. 2016	Present paper	National Level
48	State workshop on "Career Opportunities in Banking Sectors", Training & Placement Cell, Rayat Shikshan Sanstha, Satara, 6 Aug. 2016	participation	State level
47	State lecture series "Issues in Higher Education", D.G. College of Commerce, Satara, 7-8 May 2016	participation	State Level
46	College workshop on "Research Opportunities in Chemical Sciences", SSGM College, Kopargaon (MH) India, 12 Feb. 2016	Participation	College Level
45	International Conference on "Recent Trends in Chemical & Environmental Sciences (RTCES-2016)", SNB College, Sangamner (MH) India, 12-13 Feb. 2016.	Present paper	International Level
44	National Conference on "Interface Between Colleges & Industry With Reference To Synthetic Organic Chemistry & Spectroscopy (ICISOCS-2016)", RBNB College, Shrirampur, (MH) India, 15-16 Jan. 2016.	Present paper	National Level
43	National Seminar on "Recent Trends of Research in Chemistry", A. S. C. College., Rahata, 14-15 Dec. 2015	Present paper	National Level

42	National Conference on “Innovative Research Techniques in Chemical & Physical Sciences (IRTCPS)”, SSGM College, Kopargaon, (MH) India, 7-8 Aug. 2015	Present paper	National Level
41	Regional Research Conference on “Innovative-2015”, S M B S T College, Sangamner (MH), 04 th July 2015	Present paper	Regional Level
40	Workshop on “Nano Composite Material- A Research Horizon”, College of Engineering, Kopargaon, 25 Feb. 2015	Active participation	University Level
39	Workshop on “Restructuring of T.Y. B.Sc. Chemistry Syllabus” A.C.S. College, Rahuri, 16 Jan. 2015	Active participation	University Level
38	National conference on “Emerging Trends in Organic Chemistry”, M. J. S. College., Shrigonda, 26-27 Dec. 2014	Present paper	National Level
37	National conference on “Current Innovations in Chemical Research”, K. J. S. College., Kopargaon, 22-23 Dec. 2014	Present paper	National Level
36	National conference on “Interdisciplinary Approaches In Biochemical Sciences”, R.K.M.M., Ahmednagar, 19-20 Dec. 2014	Present paper	National Level
35	International Conference on “Recent Trends And Challenges In Science And Technology”, PVP College, Loni (MS), 20-22 Aug. 2014	Present paper	International Level
34	Regional Research Conference for college teachers, BCUD, UoP & B. G. College, Sangavi (Pune), 29 April 2014	Present paper	University level
33	Conference on “Herbal and Synthetic drug Studies”, Abeda Senior college of ASC, Pune, (MH) India, 10-12 Feb. 2014	Present paper	International Level
32	Conference on “Frontiers of Research in Chemistry”, S.G.M. College, Karad, (MH) India, 26-27 Dec. 2013	Present paper	National Level
31	National Conference on “Emerging Trends & Techniques in Chemistry”, YCIS, Satara (MS), 10-12 Oct. 2013	Present paper	National Level
30	Conference on “Scope of Chemistry in Drug Synthesis & Dev., A. S. C. College, Ale, (Ms), 30-31 Aug. 2013.	Present paper	State Level
29	F.D.P. (one week) in Chemistry, Dept. of Chem., K.T.H.M. College, Nashik (MS), 05-10 Aug. 2013.	Active participation	National Level
28	Seminar on “Advances & Innovations in Chemicals Sciences”, PVP College, Pravaranagar, (MH) India, 01-02 Mar. 2013.	Present paper	National Level
27	Workshop on “Credit Based Credit System”, C.T. Bora College, Shirur, Dist: Pune, (MH) India, 16 Jan 2013	Active participation	State Level
26	Conference on “Research in Organic Synthesis in Colleges and Industry”, RBNB College, Shrirampur, (MH) India, 14-16 Feb. 2012.	Present paper	National Level
25	Conference on “General Application of Chemistry”, SSGM College, Kopargaon, (MH) India, 11-13 Feb. 2012.	Present paper	National Level
24	Refresher Course in Chemistry, Dept. of Chemistry, University of Pune (MH) India, 08-28 Nov. 2011.	Active participation	National Level

23	International Conference on “Advances in Heterocyclic Chemistry”, Tbilisi State University, Tbilisi, Georgia (Europe) , 25-27 Sept. 2011.	Present paper	International Level
22	Seminar on “Green Chemistry”, ASC College, Nashik, (MH) India, 21 Jan. 2011.	Active participation	State Level
21	Refresher Course in Chemistry, Dept. of Chemistry, KTHM College, Nashik (MH) India, 10- 30 Mar. 2010.	Active participation	National Level
20.	Conference on “Recent Trends In Chemistry”, YC Institute of science, Satara, (MH) India, 14-15 Oct. 2010.	Present paper	National Level
19.	Seminar on “Recent Trends in Synthetic Organic Chemistry”, RKM College, Ahmednagar, (MH) India, 28-29 Jan. 2010.	Present paper	State Level
18	F.D.P. (one week) in I.T., B.C.U.D., University of Pune & G.T.T. Company, Pune (MS), 01-06 Jun 2009.	Active participation	Regional Level
17.	Conference on “Spectroscopic trends in Organic & Inorganic Chemistry”, SSGM College, Kopergaon, (MH) India, 24-25 Feb. 2009.	Active participation	State Level
16.	Conference on “Advanced Theoretical Approaches In Chemisrtry”, SSGM College, Kopergaon, (MH) India, 19-20 Jan. 2009.	Active participation	State Level
15.	Conference on “Progressive Journey of Drug from Mind to Market”, PVP College, Loni, (MH) India, 18-20 Dec. 2008.	Present paper	National Level
14.	Seminar on “Law on Information, Malpani Law College, Sangamner (MH) India, 12 Dec. 2007.	Active participation	State Level
13.	Workshop on ”Soil & Water testing”, SDB College, Sangamner (MH) India, 19 July. 2007.	Active participation	State Level
12.	Conference on “Recent trends in Analytical Chemistry, SSGM College, Kopergaon, (MH) India, 16-17 Feb. 2007.	Present paper	State Level
11.	Refresher Course in Chemistry, Dept. of Chemistry, University of Pune (MH) India, 20- Nov.-10 Dec. 2006.	Active participation	National Level
10.	Conference on “Recent trends in synthetic organic Chemistry, SSGM College, Kopergaon, (MH) India, 09-11 Mar. 2006.	Present paper	State Level
9.	Conference on “Recent trends in synthetic organic Chemistry, SSGM College, Kopergaon, (MH) India, 09-11 Mar. 2006.	Active participation	State Level
8.	Student Symposium 2005, NCL, Pune (MH) India, 25-26 Nov. 2005.	Active participation	International Level
7.	Seminar on Research Methodology, YC Institute of Science, Satara (MH) India, 27 Apr. 2004.	Active participation	State Level
6.	Orientation Programme, ASC College, University of Pune (MH) India, 22 Nov.-19 Dec. 2004.	Active participation	National Level
5.	Seminar on “Effects of different chemical reaction & chemical processes on the Imbalance of the environment, Deogiri College, Aurangabad (MH) India, 24 Jan. 2004.	Active participation	State Level

4.	Workshop on Draft syllabus of B.Sc.II & UGc Model Curriculum, KBP College, Pandharpur (MH) India, 21 Jan. 2004.	Active participation	University Level
3.	Workshop on New UGC Syllabus In Chemistry at B.Sc. Part-I, Dept. of Chemistry, Shivaji University, Kolhapur (MH) India, 05-06 Sept. 2003.	Active participation	University Level
2.	Seminar on Recent Developments in Environmental Science, KBP College, Pandharpur (MH) India, 21-22 Feb. 2003.	Active participation	State Level
1.	Discussion on Draft Syllabus of B.Sc.I and UGC Model Curriculum, Sangameshwar College, Solapur (MH), India, 30 Dec. 2002	Active participation	University Level

16. Innovative processes developed in teaching and learning. PPTs, Study material, video lectures etc.

S.No.	Class Name	Subject Name	Paper Name	Topic Name	You tube Link
1	M.Sc. Part-II	Spectroscopy	CHO-351	APT & DEPT	https://youtu.be/FkrsN7-zdE4
2	M.Sc. Part-I	Spectroscopy	CHO-250	PMR	https://youtu.be/fq3L2M2x06Y
3	F.Y. B.Sc.	Organic Chemistry	CH-102	Inductive Effect	https://youtu.be/QO5zd0tWLJg
4	F.Y. B.Sc.	Organic Chemistry	CH-102	Resonance Effect	https://youtu.be/qSNQRkJw1TY
5	F.Y. B.Sc.	Organic Chemistry	CH-102	Application of Structural effects	https://youtu.be/cHGTReeSCL8
6	F.Y. B.Sc.	Organic Chemistry	CH-102	Hyperconjugation Effect	https://youtu.be/TCy0qK4_uW8
7	F.Y. B.Sc.	Organic Chemistry	CH-102	Cleavage of bonds	https://youtu.be/hQi01Kjp5VQ
8	F.Y. B.Sc.	Organic Chemistry	CH-102	Aromatic Compound	https://youtu.be/hOgBL1CU5v0
9	F.Y. B.Sc.	Organic Chemistry	CH-102	Aliphatic Hydrocarbon	https://youtu.be/9kxKBqflvGI
10	F.Y. B.Sc.	Organic Chemistry	CH-102	Prep ⁿ & Reaction Alkane	https://youtu.be/Etm_5MIWI_o
11	F.Y. B.Sc.	Organic Chemistry	CH-102	Inductive effect & Strength of acid & base	https://www.youtube.com/channel/UC6iBYa34SRIt4AA-CXaWt_g/playlists
12	F.Y. B.Sc.	Organic Chemistry	CH-102	Alkene	https://www.youtube.com/channel/UC6iBYa34SRIt4AA-CXaWt_g/playlists
13	F.Y. B.Sc.	Organic Chemistry	CH-102	Prep ⁿ & Reaction Alkene	https://www.youtube.com/channel/UC6iBYa34SRIt4AA-CXaWt_g/playlists
14	F.Y. B.Sc.	Organic Chemistry	CH-102	Peroxide effect	https://www.youtube.com/channel/UC6iBYa34SRIt4AA-CXaWt_g/playlists

15	F.Y. B.Sc.	Organic Chemistry	CH- 102	Reactions of Alkene	https://www.youtube.com/channel/UC6iBYa34SRIt4AA-CXaWt_g/playlists
16	F.Y. B.Sc.	Organic Chemistry	CH- 102	Reactions of Alkyne	https://www.youtube.com/channel/UC6iBYa34SRIt4AA-CXaWt_g/playlists
17	F.Y. B.Sc.	Organic Chemistry	CH- 102	Stereochemistry	https://www.youtube.com/channel/UC6iBYa34SRIt4AA-CXaWt_g/playlists
18	F.Y. B.Sc.	Organic Chemistry	CH- 102	Conformation of Ethane	https://www.youtube.com/channel/UC6iBYa34SRIt4AA-CXaWt_g/playlists
19	F.Y. B.Sc.	Organic Chemistry	CH- 102	Conformation of Butane	https://www.youtube.com/channel/UC6iBYa34SRIt4AA-CXaWt_g/playlists
20	F.Y. B.Sc.	Organic Chemistry	CH- 102	Geometrical Isomerism	https://www.youtube.com/channel/UC6iBYa34SRIt4AA-CXaWt_g/playlists
21	F.Y. B.Sc.	Organic Chemistry	CH- 102	Optical Isomerism	https://www.youtube.com/channel/UC6iBYa34SRIt4AA-CXaWt_g/playlists
22	F.Y. B.Sc.	Organic Chemistry	CH- 102	No. of Stereoisomers	https://www.youtube.com/channel/UC6iBYa34SRIt4AA-CXaWt_g/playlists
23	F.Y. B.Sc.	Organic Chemistry	CH- 102	R & S Configuration	https://www.youtube.com/channel/UC6iBYa34SRIt4AA-CXaWt_g/playlists
24	M.Sc. Part- II	Spectroscopy	CHO- 351	Spin Decoupling & Problem	https://www.youtube.com/channel/UC6iBYa34SRIt4AA-CXaWt_g/playlists
25	M.Sc. Part- II	Spectroscopy	CHO- 351	NOE & Problem	https://www.youtube.com/channel/UC6iBYa34SRIt4AA-CXaWt_g/playlists
26	F.Y. B.Sc.	Organic Chemistry	CH- 201	Chemical Bonding	https://www.youtube.com/channel/UC6iBYa34SRIt4AA-CXaWt_g/playlists

17. Participation in curricular development:

Construction of Syllabus and approved by SPP University, Pune: P.G. Diploma in Green Chemistry under UGC Innovative Programme.

18. Participation in co-curricular and extra-curricular activities:

- Chairman, Rayat Vidnyan Parishad organized by Rayat Shikshan Sanstha' (North Region), Ahmednagar
- IQAC Co-ordinator, S.S.G.M. College, Kopargaon, Dist:Ahmednagar.
- College co-ordinator of "Smarath Bharat Abhiyan" Social Project of University of Pune, Pune
- Organizing member of National Seminar on "General Application of Chemistry", SSGM College, Kopargaon, (MH) India, 11-13 Feb. 2012.
- Editor of Souvenir of National Seminar on "General Application of Chemistry", SSGM College, Kopargaon, (MH) India, 11-13 Feb. 2012.
- Chairman of "Placement Cell" of the College.
- Actively participated in National Pulse Polio programme.

19. Refresher/Orientation/Faculty development Programme / short term courses attended:

Sr. No	Name of Programme	Year	Duration	Sponsored agency
1	Orientation Programme	2004	22 Nov.-19 Dec. 2004.	ASC College, University of Pune (MH) India
2	Refresher Course in Chemistry,	2006	20- Nov.-10 Dec. 2006.	Dept. of Chemistry, University of Pune (MH) India,
3	F.D.P. (one week) in I.T.	2009	01-06 Jun 2009.	B.C.U.D., University of Pune & G.T.T. Company, Pune (MS)
4	Refresher Course in Chemistry	2010	10- 30 Mar. 2010	Dept. of Chemistry, KTHM College, Nashik (MH) India,
5	Refresher Course in Chemistry	2011	08-28 Nov. 2011	Dept. of Chemistry, University of Pune (MH) India,
6	F.D.P. (one week) in Chemistry	2013	05-10 Aug. 2013	Dept. of Chem., K.T.H.M. College, Nashik
7	F.D.P. (one week) in Nano FM-2017	2017	1 st to 7 th March 2017	Coimbatore Institute of Technology, Coimbatore
8	F.D.P. (one week) in Chemistry, Gadhinglaj	2020	1 st to 6 th June 2020	Dr. Ghali College, Gadhinglaj
9	FDP on Managing online classes and co-creating MOOCS	2020	25 th July to 10 August 2020	Ramanujan College Delhi

20. Examination /Evaluation reforms initiated:

- Ph.D. Thesis evaluation of various Universities.
- Co-ordinator, M.Sc. (Organic Chemistry) practical exam of SPP University, Pune
- Paper setter, TY B.Sc. (Organic Chemistry) of SPP University, Pune
- University Paper Evaluation, M.Sc. (CHO-351) of SPP University, Pune
- University Paper Evaluation, TY B.Sc. (CH-333 & 343) of SPP University, Pune
- College Examination Invigilation

21. Publication of research papers: in peer reviewed journals, non-peer reviewed journals, conference proceedings, impact factors, citations, h-index. Numbers in SCOPUS:

Citations (Total): 828

h-index: 9

22.

Sr. No.	Title with page Nos.	Journal	ISSN/ ISBN No.	Whether peer reviewed Impact Factor, if any	No. of co-authors	Whether you are the main/ Corrs. author
1	Significant discovery of tetrahydro [3, 2] pyridine-2-carboxamide as potent P2Y ₁₂ receptor antagonist DOI: 10.1002/cbdv.201800550,	Chemistry & Biodiversity	1612-1880	1.617	01	Yes
2	Synthesis, Biological and Molecular Docking Study of Benzimidazole-Clubbed Tetrahydrothieno [3, 2-c] Pyridine as Platelet Inhibitors 2019, 4, 12170– 12175	Chemistry Select	2365-6549	Yes 1.716	02	Yes
3	Synthesis and Antimicrobial Evaluation of Novel Carbazole Based β -diketone and its Pyrazole Derivatives, 91(3), 367-375, 2018	Croat. Chem. Acta	1334-417X	0.705	02	Yes
4	Nano Magnetite-Supported Molybdenum Oxide (Nanocat-Ferromolybdenum): An Efficient Green Catalyst for Multi-Component Synthesis of Amidoalkyl Naphthols, 44(5), 3507-3521, 2018	Res. Chem. Intermed. (10479)	1568-5675	1.674	02	Yes
5	Ionic Liquid [HNMP][HSO ₄] Promoted One Pot Synthesis of 1,4-Dihydropyridine Derivatives at Room Temperature 14, 548-556, 2017	Lett. Org. Chem. (10835)	1570-1786	0.539	02	Yes
6	Applicability of Magnetically Recoverable Ferrite-L-Cysteine Nanocatalyst for Green Synthesis of Quinoline and Pyrazole Derivatives Under Microwave Irradiation. 7, 43-51, 2018	Current Catalysis (48034)	2211-5447	<1.00	02	Yes
7	Acidic Ionic Liquid 1-Methyl-2-Pyrrolidonium Hydrogen Sulfate: A green Protocol for the Synthesis of 3,4-Dihydropyrimidin-2(1H)-ones	Ind J Heterocyclic Chem (14617)	0971-1627	0.096	04	Yes

	via Microwave Assisted Multi-component Reaction 27(2), 195-201, 2017					
8	Synthesis, Antimicrobial and Antimalarial Activities of Some Carbazole Derivatives, 27(1), 59-64, 2017	Ind J Heterocycl Chem (14617)	0971-1627	0.096	04	Yes
9	Iron-Oxide-Supported Ultrasmall Nanoparticles: Applications for Transesterification, Amidation, and O-Acylation Reactions 5, 3314-3320, 2017	ACS Sustain. Chem. Eng. (301)	2168-0485	6.140	09	Yes
10	Ionic Liquid: An Efficient and Facile Catalyst for the Synthesis of Trisubstituted Imidazole Derivatives via Multi-Component Pathway using Green Technique, 13, 742-748, 2016	Lett. Org. Chem. (4591)	1570-1786	0.539	02	Yes
11	Brønsted-acidic ionic liquid: green protocol for synthesis of novel tetrasubstituted Imidazole derivatives under microwave irradiation via multicomponent strategy, 43, 1089-1098, 2017	Res. Chem. Intermed. (10479)	1568-5675	1.674	04	Yes
12	Iron Oxide Supported Copper Oxide nanoparticles catalyzed synthesis of Propargyl Amine Derivatives Via Multi-Component Approach, 42, 4785-4795, 2016	Res. Chem. Intermed. (10479)	1568-5675	1.674	06	Yes
13	Iron Oxide-Supported Copper Oxide Nanoparticles (Nanocat-Fe-CuO): Magnetically Recyclable Catalysts for the Synthesis of Pyrazole Derivatives, 4-Methoxyaniline, and Ullmann-type Condensation Reactions, 2 (7), 1699-1706, 2014	ACS Sustain. Chem. Eng. (301)	2168-0485	6.140	12	Yes
14	Microwave-Assisted Chemistry: Synthetic Applications for Rapid Assembly of Nanomaterials and Organics, 47, 1338, 2014	Acc. Chem. Res. (421)	1520-4898	20.955	04	No
15	Green synthesis and anti-infective activities of fluorinated pyrazoline	Bioorg Med Chem Lett (47160)	0960-894X	2.442	04	Yes

	derivatives, 22 (17), 5727-5730, 2012					
16	Mixed metal MgO-ZrO ₂ nanoparticles catalyzed O-tert-Boc protection of alcohols, phenols under solvent-free conditions, 26 (8), 395-400, 2012	Applied Organometallic Chem. (3240)	0268-2605	2.452	04	Yes
17	Ultrasonicated synthesis of 1-(2-hydroxyaryl)-3-(piperidin-1-yl) prop-2-en-1-ones from 3-formylchromones and their antimicrobial screening, 88, 461-463, 2011 .	J. Indian Chem. Soc. (7627)	0019-4522	0.145	5	Yes
18	Green synthesis and biological evaluation of some novel azoles as antimicrobial agents, 20 (24), 7200-7204, 2010	Bioorg Med Chem Lett (47160)	0960-894X	2.442	04	Yes
19	Synthesis and Antimicrobial Screening of Some Fluorinated Azoles Containing (2-(6-Methyl-2-P-Tolyl-1H-Imidazo[1,2-a]Pyridin-3-yl) Nucleus, 54 (1), 59-64, 2010	J Korean Chem Soc. (7725)	10172-548	0.793	05	Yes
20	Synthesis and Antimicrobial Screening of Some Chromones And Thiazepines By Conventional and Microwave Irradiation, 15 (3), 159, 2009	Heterocy Comm. (18040)	2191-0197	0.828	03	No
21	Condensation Reaction Of Various Nucleophiles With Important Derivatives Of 3-Formylchromones, 4 (1), 41-45, 2009	I J Pure & Applied Chem (16421)	0973-3876	00	04	Yes
22	Synthesis and Characterization of Various Pyrazolyl Heterocycles from 3-Aryl-1-Phenyl-1H-Pyrazol-4-Carbaldehydes, XXXIVC (3), 503, 2008	Acta Ciencia Indica (605)	0253-7338	00	06	Yes
23	Synthesis of 1-(2-hydroxyphenyl)-3-piperidine-1-yl-propenone by Ultrasonic Irradiation, 37, 1421, 2007	Synth Comm. (22396)	1532-2432	1.065	04	No
24	Environmentally benign synthesis of fluorinated	Ind J Chem (Sec-B) (20731)	0376-4699	0.471	06	Yes

	pyrazolone derivatives and their antimicrobial activity, 46B, 1174-1177, 2007 .					
25	Synthesis of various heterocycles from 3-(naphthylene-3-yl)-1H-pyrazol-4-carbaldehyde, 19(7), 5068, 2007	Asian J Chem (19)	0975-427X	0.142	04	Yes
26	Synthesis of 2-(1H-pyrazol-3-yl)-phenols., 15, 403-404, 2006	Ind J Heterocycl Chem (14617)	0971-1627	0.096	04	No
27	Synthesis, characterization and antimicrobial activities of some Furyl-pyrazolyl compounds., 23 (1), 251-256, 2007	Oriental J Chem (25823)	09700 20X	00	05	No
28	Synthesis of Pyrazolyl Triazoles and Thiadiazoles by Conventional and Non-conventional Methods, 22 (2), 369-374, 2006	Oriental J Chem (25823)	09700 20X	00	03	No

Published Papers in Refereed Journals as not notified by the UGC

Sr. No.	Title with page Nos.	Journal	ISS N/ ISB N No.	Whether peer reviewed Impact Factor, if any	No. of co-authors	Whether you are the main/ Corrs. author
1	Green and sustainable approach to bis-(indolyl)alkanes 11 (2), 2012, 50-55	Bulletin Cat. Soc. India	2347-5382	Yes	04	NO
2	Synthesis and Characterization of Some Chromone Derivative, 1, 2014, 10-13	Research J. Chem. Sci.,	2231-606X	Yes	05	NO
3	Synthesis and Characterization of Fluorinated Triazoles, 1, 2014, 70-72	Research J. Chem. Sci.,	2231-606X	Yes	06	Yes
4	Newer Route For The Synthesis Of N-Pyrazolylcarboxa Sulfon Amides, 2(12), 2013, 7455-59.	Int. J. Innov. Res. Sci. Engine. & Tech.	2319-8753	Yes 7.089	06	Yes

5	Aqua Medicated, Microwave Assisted, Synthesis Of Schiff Bases And Their Biological Evaluation, 3(1), 2014, 8156-62	Int. J. Innov. Res. Sci. Engine. & Tech.	2319-8753	Yes 7.089	05	Yes
6	Synthesis and Evaluation of Novel Benzothiazepine Derivatives as Anti-Inflammatory Agents, 3(6), 2014, 180-187	Int. J. Innov. Res. Sci. Engine. & Tech.	2319-8753	Yes 7.089	04	Yes
7	Synthesis and Applications of Novel Tetramethyl-Guanidine Based Co-Polymeric Compounds, 3(7), 2014, 14339-14344	Int. J. Innov. Res. Sci. Engine. & Tech.	2319-8753	Yes 7.089	07	Yes
8	Synthesis and Screening of Bioactive Derivatives of Some Important Plant Compounds, 4(2), 2015, 417-421.	Int. J. Innov. Res. Sci. Engine. & Tech.	2319-8753	Yes 7.089	03	No
9	Synthesis of novel benzo(d)oxazole derivatives as antimicrobial agents, 3(1), 2007	Organic Chemistry: an Indian Journal	0974-7516	Yes	06	Yes

23. Books published: with ISBN No., Without ISBN No., Chapters in books: 4

Name of faculty: Dr. Shelke S. N.

Sr. No.	Year	ISBN No.	Name of book and publisher	National/ International
1	2015	978-93-84916-98-7, PP. 2.1-2.50	A Textbook of F.Y. B.Sc. (Paper-II; Term-I & II), "Organic & Inorganic Chemistry", Success publication	National
2	2015	978-93-84916-98-5, PP. 2.1-2.19.	A Textbook of S.Y. B.Sc. (Paper-II; Sem-II), "Organic Chemistry", Success publication	National
3	2015	ISBN: 978-93-5158-373-8, PP. 4.1-4.30	A Textbook of T.Y. B.Sc. (Paper-III; Sem-III), "Organic Chemistry", Success publication,	National
4	2015	978-93-5158-398-1, PP. 3.1-3.14.	Practical book of T.Y. B.Sc. "Chemistry", Success publication	National

24. Consultancy services provided and revenue generated: Sanjavani Sakhar Karkhana, Kopargaon

25. Conferences, seminars, symposia and workshops organized as convener/coordinator: Nil

Sr. No.	Name of Conference	Venue and Dates of conference	Position held
1	National Conference on “Innovative Research Techniques in Chemical & Physical Sciences.	SSGM College, Kopargaon, (MH) India, 7-8 Aug. 2015	Co-ordinator
2	National Seminar on “Industry, Academia & Environment Challenges (NCIAEC-2017	R.K. Mahila Mahavidyalaya, Ahmednagar (MH) India, 23 Dec. 2017	Co-ordinator
3	State level Seminar on “Application of Spectroscopic Techniques in Drug Designating & Development”	RBNB College, Shirampur (MH) India, 9 Oct. 2020	Co-ordinator

26. Awards /recognitions received: International, National, State, University level: Editorial board, Reviewers for Journals, Teachers awards, Prize in poster presentation, paper reading in conference/seminar, awards related to social work etc.

“National Teacher Award” by Mahatma Phule Shikshan Parishad, Maharashtra.

[Jan -2015]

“Best Research Award” by SSGM College, Kopargaon

[Sept -2014]

Teacher Research Fellowship, awarded by UGC, New Delhi, India

[2004-2005]
