

Dr. Jayashree Shailesh Patil

M.Sc(Organic Chemistry), M.Phil. Ph.d

Assistant Professor, Department of Chemistry, J.S.M. College, Alibag- Raigad.

Academic Experience: Undergraduate 25 years and Postgraduate 15 years

Personal Information	
Name	Jayashree Shailesh Patil
Date of Birth	24 th July 1975
Place of Birth	Alibag
Gender	Female
Marital Status	Married
Nationality	Indian
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Academic Qualifications				
Degrees Earned	University Attended	Year	Subject	Class
X	Pune	1990	English, Sanskrit, Hindi, Maths, Science and social science	first
XII	Maharashtra Board	1992	English, Marathi, Biology. Chemistry, Physics, Maths	second
B.Sc.	Mumbai	1995	Chemistry	First
M.Sc.	Mumbai	1997	Organic Chemistry	Second
M.Phil	Madurai Kamaraj University	2008	Water Analysis	-----
Ph.d	Jaipur National University	2014	Solvent extraction	-----

Training Programmes in Teaching			
Name of the Course/ Summer School	Place	Duration	Sponsoring Agency
Orientation Programme	University of Mumbai, Kalina	01/09/2003 To 30/09/2003	UGC Academic Staff College
Refresher Programme	Shivaji University, Kolhapur.	15/02/2005 To 07/03/2005	UGC Academic Staff College
Refresher Programme	Mithibai College, Mumbai	06/10/2008 To 25/10/2008	UGC Academic Staff College
Refresher Programme	University of Mumbai, Kalina	21/11/2011 To 10/12/2011	UGC Academic Staff College
Short Term Course	Jhunjhunwala College, Ghatkopar	20/11/2017 to 25/11/2017	UGC Academic Staff College
Online Refresher Course	Climate Change: Refresher course in all Disciplines	Sept. to February (2019-20)	Swayam Arpit Courses
Online FDP	Teaching learning centre Ramanujan college University of Delhi	18 May -03 June 2020	MOOC
Online FDP	Ramanand Arya D.A.V college and university of Mumbai	25 th April to 1 st May 2020	University of Mumbai
Online FDP	Hazarimal Somani college	1 st February to 6 th February	RUSA
Online Short Term Course	Guru Ghasidas Vishwavidyalaya Bilaspur	8 th March to 13 th March 2021	HRDC
Online FDP	Amar Seva Mandal's Kamala Nehru Mahavidyalaya	2 nd May 7 th May 2022	
Online short term course on research methodology	Guru Ghasidas Vishwavidyalaya Bilaspur	25 th April to 30 th April 2022	HRDC

Publications

1. The Journal of Oriental Research Madras ISSN : 0022 – 3301 Impact factor : 7.193 July 2021 Vol. XCII-VII.
2. Journal of The Maharaja Sayajirao University of Baroda Vol. 55, No.2 ISSN : 0025 - 0422.
3. Bengal, Past and Present Vol.117, Issue (IV) Oct – Dec. 2021.
4. Kalyan Bharati Vol. 36, No. (VIII), 2021
5. Review of Research International online Multidisciplinary Journal Volume – 10 Issue 9, June 2021, ISSN : 2249 – 894 X, Impact Factor : 5.7631(UIF).
6. Review of Research International online Multidisciplinary Journal Volume – 8 Issue 8, May 2019, ISSN : 2249 – 894 X, Impact Factor : 5.7631(UIF).
7. Review of Research International online Multidisciplinary Journal UGC approved Journal No.48514, March 2019, ISSN : 2249 – 894 X, Impact Factor : 5.7631(UIF).
8. international peer reviewed, Quaterly Scholarly Research Journal for Interdisciplinary studies , UGC approved Journal, ISSN 2278-8808.
9. Extractive and spectrophotometric determination of some Transition Metal Ions Using organic Ligand.....published by Lulu Publication.....ISBN – 978-1-79489-272-9 Book
10. Electronic Material Letters , ISSN/ISBN, 1738-8090 Impact Factor 1.870 Page Number(553-558)
11. Physica B, ISSN/ISBN, 0921-4526 Impact Factor 1.327
12. Journal of Research in Chemistry and Environment, ISBN 2248-9649 Vol. 4 Issue 2 (79-84)
13. International Journal of Applied chemistry, ISSN No. 0973-1792, Vol 9, No. 2, (133-140).
14. Inroads, ISBN 2277-4912, Vol. 2 (98-101)
15. Journal of Research in Chemistry and Environment, ISBN 2248-9649 Vol. 4 Issue 1 (74-78)
16. International Journal of Chemistry and Applications, ISBN 0974-3111, Vol. 5, no. 2(133-139).
17. Inroads, ISBN 2277-4912, Vol. 2 No. 2 (83-87)
18. International Journal of Applied chemistry, ISSN No. 0973-1792, Vol 9, No. 3, (235-241).
19. Journal of Indian Streams of Research Journal, ISSN 2230-7850.
20. Research Journal of Chemistry and Environment, Vol. 25(6) June 2021
21. The Journal of Oriental Research Madras ISSN : 0030 – 5324 July 2021 Vol. 71 issue 04, No. 11 Oct.-Dec. 2022.
22. Review of Research International Online Multidisciplinary Journal Volume – 12 Issue 5, Feb. 2023 ISSN : 2249 – 894 X, Impact Factor : 5.7631(UIF).

Oral and Poster Presentation

1. National conference on Modern Research Trends in Sciences, on 22nd Jan. 2013 at Pali College.
2. Conference of Indian Council Of Chemists on 26th to 28th Dec. 2012 at Saurashtra University, Rajkot.
3. National conference on Modern Research Tools in Science, on 19th Aug. 2017 at G.M. Vedak College, Tala.
4. State level conference on Science for sustainable development, on 19th Dec. 2016 at Anandibai Pradhan College, Nagothane.
5. National conference on Modern Trends in Chemistry and Allied Sciences on 25th Feb. 2017 at J.S.M. College, Alibag.
6. International conference on New Horizons in synthetic and material Chemistry on 26th to 28th Nov. 2015 at University of Mumbai.
7. National Conference on Advances in Material Chemistry and applications on 21st and 22nd Dec. 2015 at CKT College, Panvel
8. National Conference on Recent development in Chemical and Material Sciences on 5th and 6th Feb. 2016 at Dapoli College.
9. International Conference on Recent Trend in drug discovery and green chemistry on 9th Jan. 2016 at Roha College.
10. International Conference on New Horizons in Chemistry on 8th and 9th Dec. 2014 at Vivekanand College, Chembur.
11. National Conference on Environmental Issues : Overview and Challenges on 15th Nov. 2014 at Bhausaheb Nene College, Pen.
12. National Conference on Recent Trends in Co-ordination Chemistry On 4th and 5th Oct. 2013 at Karmavir Bhaurao College, Vashi, Mumbai.
13. National Conference on Recent Advances in Material Sciences on 18th Jan. 2014, at Mahatma Phule College, Panvel
14. International E Conference on Recent Trends in Chemical, Physical science, Life science Paper presented on Solvent extraction at Anjuman Islam Janjira college, on 29th March 2022.
15. Virtual International Conference on Multifunctional Advanced Material Paper presented on Solvent extraction at JVM Degree college, Mumbai on 9th and 10th August 2021.
16. Virtual International Conference on Interdisciplinary Approaches in Chemical Sciences Paper presented on Liquid- Liquid extraction.....Analytical Reagent at Abasaheb Garware college, Pune on 21st - 23rd October 2021.
17. Virtual International Conference on Advanced Material Science and Nanotechnology Paper presented on Solvent extraction at Vinayak Vidnyan Amravati college, on 23rd to 25th Nov. 2021.
18. National Conference on Advanced Materials, Technology, Applications and Education Paper presented at Savitribai Phule Pune University, Pune on 16th Oct. 2021.
19. Virtual International Conference on Current Scenario in Chemical Sciences at Moolji Jaitha College, Jalgaon on 6th and 7th Sept. 2021.
20. International E Conference on Recent Trends in Chemical, Physical science, Life science at Anjuman Islam Janjira college, on 15th March 2023.
21. National webinar on "Biodiversity of Western Ghats: Medicinal Potentials and Strategies for conservation" organized by J.S.M. College, Alibag on 27th Jan. 2023.
22. One day Interdisciplinary conference on climate change and youth: Time for Action organized by NSS of Birla College Kalyan on 12th Jan. 2023.
23. Two days interdisciplinary International e-conference on SILVER-CT: 2022. On 2nd, 3rd Oct. 2022.
24. International virtual conference on Recent advances in Chemical and biological Sciences 2022 at N.B. Mehata science college Bordi on 25th and 26th Sept. 2022.

Sr.No.	Name of conference/ workshop	Level	Date	Place of the conference or workshop
1	International conference on Start Up: Opportunities and Challenges in Healthcare sector	International	12-13 Feb. 2021	online (Health care Sector Pune)
2	Role of Social services in Covid -19 situation	International	3rd Sept. 2020	Online (Vasant Rao Naik College, Murud)
3	Sadyastithi and Pudhil Vatchal (Marathi)	National	9th July 2020	Online (Mumbai)
4	IPR : Converting Intellect into Money	National	27th June 2020	Online(D.B.J. College, Chiplun)
5	Artificial Intelligence in Classroom teaching	National	6th June 2020	Online (JVM degree College)
6	Gender Equity and Covid 19	National	11th June 2020	Online (WDC, University of Mumbai)
7	Counter the pandemic through Financial planning	National	7 th May 2020	Online (K.G. Joshi college, Thane)
8	E- learning and tools for effective teaching and learning	National	29th May 2020	Online (Jnan Vikas Mandal Airoli)
9	Cyber Security	National	27th May 2020	Online(N.B. Mehata College, Bordi)
10	Environmental footprints today and tomorrow	National	5th June 2020	Online (Birla College, Kalyan)
11	Covid 19 Pandemic Outbreak : Global Scenario	National	23rd June 2020	Deogiri College,Aurangabad(online)
12	Patent : An Intellectual Property Right	National	19th June 2020	Online Hazarimal Somani College Mumbai
13	Recent advances in Analytical Techniques	National	16-17th Aug. 2020	Dept. of Chemistry, Aligarh (online)

14	Laboratory safety practises	National	31st May 2020	SIES College, Sion, Mumbai & MSI Mumbai Unit (online)
15	Inflibnet as a digital platform	National	7th June 2020	Research Scholar forum (onlineO
16	Impact of Covid on Indian economy	National	21st July 2020	Mokhada college, Palghar (online)
17	Avishkar research Convention	National	24th March 2021	University of Mumbai (online)
18	Legal Empowerment of Women	National	20th July-26th July 2020	Sheth N.K.T.T. Thane (Online)
19	Four days Online Yoga sessions	state	26th may to 29th may	J.S.M. College, Alibag (Online)
20	Three days workshop on Retro-Synthesis	National	3rd to 5th May 2021	Siddharth College, Mumbai (Online)
21	Hyphenated Techniques	State	30th may 2021	J.S.M. College, Alibag (Online)
22	NMR Spectroscopy	State	31st May 2021	J.S.M. College, Alibag (Online)
23	Intellectual Property Rights and Patents	National	20 April 2021	J.S.M. College, Alibag (Online)
25	New research horizons in Nano and Radiation materials	International	10-11th Sept 2020	Dada Patil Mahavidyalay Karjat (Online)
26	Nanomaterial Characterization	National	21st August 2020	Jaysingpur College , Jaysingpur (online)
27	Challenges to discovery of Novel drug	International	31st July 2020	Dapoli Urban bank Senior College(online)
28	Chemical safety and Security Management	National	28th July 2020	Sanjeevan Gramin Vidyakiya , Onde
29	An overview of structure, diagnosis and Therapeutics	National	16th July 2020	Birla College, Kalyan (Online)

30	Patent and Patening Process	International	18th July 2020	Sir Tukaram and Lady Shantabai College
31	Gender Sensitization	National	9th July 2020	Kavayatri Bahinabai Chaudhari Jalgaon
32	Designing and Implementation of Outcome Based Education Model	National	7-8th July 2020	Muktanand College Gangapur (online)
33	Emerging Trends in Chemistry Education and Research	International	25-26th June 2020	Wilson College, Mumbai (online)
34	Rejuvenating Mind	National	29June 2020	Dahanukar College, Mumbai (Online)
35	Material Science	International	9th June 2020	Kamala Neharu Mahavidyalay, Nagpur
36	Yoga workshop, Healthy body and Healthy mind	National	26th to 31st May 2021	J.S.M. College, Alibag (Online)
37	Marathi Language and Technology	National	25 th , 26 th March 2022	J.S.M. College, Alibag
38	Intellectual property Rights	National	10 th March 2022	J.S.M. College, Alibag
39	Women's Law	National	14 th March 2022	Laxmi Shalini College, Pezari
40	Intellectual Property Rights	National	4 th March 2022	C.D. Deshmukh College, Roha
41	Integrated approach in S&T for sustainable future	National	26-27 th Feb.2022	Ambedkar College, Nagpur
42	Intellectual Property Rights	National	15 th Feb.2022	Ismail Yusuf College, Murud
43	Empowering diversity in Science	International	16 th Feb. 2022	Kamala Nehru Mahavidyalaya, Nagpur
44	Nanoscience and its	National	12 th	Ramsheth Thakur College,

	applications		Feb.2022	Kharghar
45	Introduction to periodic Table	National	10 th Feb. 2022	J.S.M. College, Alibag
46	Career Advancement Scheme	National	31 st July 2021	J.S.M. College, Alibag
47	Library, Social and Life Sciences	National	23 rd July 2021	Gokhale Education Society's, Palghar
48	Chem Libre texts as an open Educational Resources	National	9 th July 2021	Sophia College, Mumbai
49	Opportunities and career in Pharmaceutical Industry	National	29 th Jan. 2022	J.S.M. College, Alibag
50	Best Practices and their sustainability technologies	National	13 th , 14 th Aug.2021	J.S.M. College, Alibag
51	Roles and responsibilities in Higher education	National	22 nd Oct. 2021	Anandibai Raorane College, Sindhudurg
52	Trends in IPR	National	18 th June 2021	C.K.T. College, Panvel
53	Fate of mismanagement of Ocean Resources	National	24 th Aug.2021	Mahilaratna Pushpatai Hiray College, Nashik
54	IPR Patent filing, Copyrights and Trademarks	National	31 st Aug.2021	Rajashri Shahu College, Kolhapur
55	XRD instrumentation, Analysis, Interpretation of spectra and applications	National	28 th Aug. 2021	B.K.Birla College, Kalyan
56	Academic Research writing, Plagiarism and H- Index	National	29 th Sept. 2021	Kinhavali College
57	Writing skill of review of literature and framing the objectives and	National	7 th , 8 th Oct.2021	Gokhale Education Society's, Shreevardhan

	hypothesis			
58	New Frontiers in Chemical Sciences	National	20 th Oct 2021	Shri. Pancham Khemaraj Mahavidyalaya
59	Intellectual Property Rights and Research Methodology	National	17 th Oct. 2021	D.G. Tatkare College, Mangaon
60	Recent trends and development in Science, technology, social science and management	National	7 th Dec.2021	Vivekanand Education Society's Mumbai
61	Women Development workshop	National	11 th Dec. 2021	WDC, University of Mumbai
62	Intellectual Property Rights and Patents	National	23 rd Dec. 2021	Anandibai College, Nagothane
63	Chemistry Education	International	4 th , 5 th Feb.2022	Kamala Nehru Mahavidyalaya, Nagpur
64	Nanotechnology enabled wireless communication and IOT	National	25 April to 29 th April 2022	Guru Ghasidas Vishwavidyalay, Bilaspur
65	Science Day	National	28 th Feb.2022	J.S.M.College, Alibag
66	Drafting policies and procedures	National	14 th June 2021	Vaze college, Mumbai
67	Workshop on cultural programme	State	1 st March 2019	J.S.M.College, Alibag
68	E-Content Development for Effective Teaching	State	14 th and 15 th September, 2019.	J.S.M. College, Alibag
69	Avishkar Research Convention 2019-20 on 22 nd July 2019.	State	22 nd July 2019	Goregaon
70	Intellectual Property Rights	National	7 th December 2019.	

71	DLLE state level workshop at	State	12/12/2019	J.S.M. college, Alibag
72	Workshop on Solar Lamp making		2/10/2019	J.S.M. College, Alibag
73	15 days online certificate course for college teacher		26 th Dec. 2019 to 10 Jan. 2020	
74	fine tuning....scopus and Mendeley	National	25 th April, 2020.	K.J. Somaiya college,
75	research writing and enhancing visibility		21 st May, 2020.	Ramnarain Ruia college,
76	nurture the nature for our future	National	5 th June, 2020.	Devkiba college, Daman
77	emerging methodologies in pharma..... life science	International	18 th and 19 th June 2020.	Ismail Yusuf college
78	covid -19, post.....management	International	22 nd June 2020.	Ruparel college,
79	Menstrual hygiene,new age solutions	National	12 th July 2020.	B.N.N. college,Bhiwandi
80	Research trends in chemistry and physics	National	14 th August 2020	Mokhada college.
81	Organized Two days workshop on “Revised Pattern of T.Y.B.Sc. Practicals			J.S. M. College, Alibag
82	Women Scientist symposium			Sophia College, Mumbai
83	“Nanotechnology”	National		C.K.T. college, Panvel
84	N.S.S Evaluation Session		2 nd March 2013.	Roha College

85	Disaster Management training courses			J.S.M. College, Alibag
86	16 days online workshop on digital image processing	international	10 th Feb. to 28 th Feb. 2023	Devrukh college, Ratnagiri
87	10 days online Faculty refresher programme on Teaching Strategies, Methodologies and Technologies in HEI's	National	19 th to 30 th Sept. 2022.	IOT academy Tamilnadu.
88	6 days online FDP on implementation of NEP	National	24 th to 30 th Aug. 2022.	IQAC of, Late Sou. Kamatai Jankar Mahila Mahavidyalay, Parbhani
89	Online workshop on IPR	National	15 th July 2022.	J.S.M. College, Alibag.
90	Workshop in NEP	District	21 st Jan. 2023	J.S.M. College, Alibag.

Worked as Member as various committee of the J.S.M. College, Alibag

1. IQAC
2. Alumni Association
3. Avishkar Research Convention
4. Science Association Committee
5. Gymkhana Committee
6. Discipline Committee
7. Organization of seminars and workshops
8. Unnat Bharat Abhiyan committee
9. NSS advisory Committee
10. Women Development Committee
11. Internal Complaint Committee
12. M.Sc. II Co-ordinator.
13. Collaboration and linkages Committee
14. Examination Committee