

CURRICULUM VITAE

Name : Dr. Dhananjay Vithalrao Mane

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Profile :

Dhananjay Mane received his Ph. D from Dr. Babasaheb Ambedkar Marathwada University, Aurangabad under the Supervision of Professor M.S. Shingare in the field of Synthetic Organic Chemistry in 1996, he joined Shri Chhatrapati Shivaji College as Senior Lecturer - Chemistry in 1990, then he became Reader in 1999 and was promoted as Professor in 1st January, 2009 under UGC Merit promotion scheme at College level. Dhananjay mane and his research team are more specifically involved in the development of large variety of catalytic reactions including different principles of green chemistry. His major achievements to explore (i) new Chromatographic method development for forensic science (ii) synthesis and study of biological active compounds (iii) Synthesis of Antiviral drugs (iv) Synthesis of Anti Cancer drugs

He is Coauthor of more than 100 research papers in International Journals . In addition, he has contributed to Patents (2), review articles (2), book chapters and more than 60 communications (oral and Poster) in national and international conferences. He is author of 14 books published by the International publishers. 15 research students have been awarded Ph. D degree and 10 students are working for Ph. D under his Supervision. He is a recipient of Best NSS Programme Officer award of University and Best NSS Programme Coordinator Award by Government of Maharashtra.



Education:

Doctor of Philosophy (Ph. D)	University: Dr. Babasaheb Ambedkar Marathwada University, Aurangabad Discipline: Chemistry Year of Passing:1996 Topic: Synthesis and study of some biological active compounds
Master of Science (M. Sc- Organic Chemistry)	University: Dr. Babasaheb Ambedkar Marathwada University, Aurangabad Discipline: Chemistry Year of Passing:1990
Bachelor of Science (B. Sc- PCM)	University: Dr. Babasaheb Ambedkar Marathwada University, Aurangabad Year of Passing: 1988
B. Ed.(Science & Maths)	University: Dr. Babasaheb Ambedkar Marathwada University, Aurangabad Year of Passing: 1991
M.B.A(Human Resource)	University:: Indian School of Business Management, (ISBM) Mumbai Year of Passing: 2012

Work Experience :

Sr. No.	Positions held	Name of the Institute	From	To
01	Lecturer	Shri Chhatrapati Shivaji College, Omerga	01/08/1990	27/5/2001
02	Reader	Shri Chhatrapati Shivaji College, Omerga	28/05/2001	11/04/2006
03	NSS- Programme Coordinator (on Lien)	Dr. B. A. Marathwada University, Aurangabad	12/4/2006	10/04/2010
04	Associate Professor	Shri Chhatrapati Shivaji College, Omerga	11/04/2010	07/06/2013
05	Professor	Shri Chhatrapati Shivaji College, Omerga	08/05/2013	21/6/2014
06	Deputy Director – Professor (On Lien)	UGC- Human Resource Development Center, Dr. B. A. Marathwada University, Aurangabad	22-6-2013	31/03/2017
07	Professor	Shri Chhatrapati Shivaji College, Omerga	01/04/2017	04/02/2018
08	Regional Director (On Lien)	Yashwantrao Chavan Maharashtra Open University, Nashik	05/02/2018	Till date

International Assignments:

Country Visited	Duration		Purpose of Visit
	From	To	
Thailand	2009	2009	Research Paper Presentation
Malaysia	2010	2010	Research Paper Presentation
Singapore	2010	2010	Research Paper Presentation
Srilanka	2012	2012	Research Paper Presentation
Belgium	2013	2013	Research Paper Presentation
France	2013	2013	Research Paper Presentation
Germany	2013	2013	Research Paper Presentation
Italy	2013	2013	Research Paper Presentation
Mauritius	2014	2014	Research Paper Presentation

Details of experience of working with International Bodies :

Sr. No.	Name of the International Body	Nature of experience
01	4thInternational congress of chem. and Environment, Bangkok, Thailand	Fellow Member & Member of organizing Committee
02	International Seminar on Human Rights	Member of organizing Committee
03	5thInternational congress of chem. and Environment, Port Dickson, Malaysia	Fellow Member & Member of organizing Committee
04	6th International congress of chem. and Environment. & Antwerp university, Antwerp, Belgium	Fellow Member & Member of organizing Committee
05	International conference on Biotechnology for better tomorrow (BTBT-2013), Rajiv Gandhi Science Center, Mauritius	Member of organizing Committee
06	International Conference on Chemical and Research (ICCER-2014), Jamal Mohmmad College (Autonomous), Tiruchirapally (TN), India	National Advisory committee Member
07	22nd ISCB International Conference on Recent Trends in Affordable and Sustainable Drug Discovery and Development	Life Member and Member of Technical committee
08	India International Science Festival 2016 in	As a Presenter, Council of

	Young Scientist Conclave(Science for masses)	Scientific Industrial Research-National Physical Laboratory, and Vijnana Bharati, NEW Delhi
09	International Conference on Impact of Chemical Research on Environment	Member of organizing Committee
10	24thISCB International Conference on “Frontier Research in Chemistry & Biology Interface” (ISCBC-2018)	Life Member and Member of Technical committee
11	25thISCB International Conference – Trends in Chemical and Biological Sciences : Impact on Health and Environment	Life Member and Member of Technical committee

International exposure through participation in workshops, seminars or conferences held outside the country:

Sr. No.	Title of Workshop/Seminar/Conference	Month & Year	Place
1	Pre-IUPC International Symposium on Metal mediated Organic Synthesis	8 th and 9 th Dec. 1994	National Chem. Laboratory, Pune (MS), India
2	International Conference on Probing in Biological Systems	7 th Feb. to 11 th Feb. 2000	IISc, Mumbai India
3	International Conference " on Advances in Drug Discovery Research	24-26 th February, 2007	CDRI, Lucknow & Department of Chem., Dr. BAMU Aurangabad (India)
4	4 th International congress of chem. and Environment	20-24 January 2010.	Bangkok, Thailand
5	5 th International congress of chem. and Environment	23-25 May, 2011.	Port Dickson, Malaysia
6	International Seminar on Human Rights	18 th & 19 th March 2012.	S.C.S. College, Omerga (MS)- India
7	International conference on Probing in Drugs synthesis : A New Horizons to crossroads	21-24 Jan. 2012	CDRI, Lucknow & Solapur University, Solapur (India)
8	International conference on Chemical Sciences -2012	20-22 June 2012	Ceylon Institute of chemistry, Colombo, Srilanka
9	6th International congress of chem.. And Environment. Antwerp, Belgium	8-10 July, 2013	Antwerp University, Belgium

10	International conference on Biotechnology for better tomorrow (BTBT-2013),	11 &12 Nov. 2013	Rajiv Gandhi Science Center, Marituis
11	International workshop on Tourism Exchange between Trinidad and India	14 th August, 2013	Dr. B. A. M. University, Aurangabad (MS)- India
12	International Conference on Chemical and I Research (ICCER-2014),	11-12 , March 2014	Jamal Mohmad College (Autonomous), Tiruchirapally (TN), India
13	International Conference on Global Opportunities Latest Developments in Chemistry and Technology, (GOLD –CT-2014)	6-8 February, 2014.	NMU, Jalgaon, India (MS) – India
14	International Conference on Chemical Materials and Bio-Sciences for sustainable development (ICCMBSD-2015)	8-10 January, 2015	Walchand College, Solapur(MS) India
15	International conference on Current trends Drug Discovery and Developments	25-28, February, 2015	Central Drug Research Institute, Lucknow UP, India
16	22nd ISCB International Conference on Recent Trends in Affordable and Sustainable Drug Discovery and Development	6-8 th February, 2016	UkaTarsadia University, Surat (GS), India
17	International Conference on Impact of Chemical Research on Environment	17 &18 th February, 2016	Dept. of Chemistry and Research , New Arts, Commerce and Science College, Parner (MS) India
18	India International Science Festival 2016 in Young Scientist Conclave(Science for masses)	7-11, December, 2016	Council of Scientific Industrial Research- National Physical Laboratory, and VijnanaBharati, NEW Delhi
19	23rd ISCB International Conference on “Interface of Chemical Biology in Drug Research” (ISCBC-2017)	8-10 th February, 2017	SRM University, Chennai (TN), India
20	24th ISCB International Conference on “Frontier Research in Chemistry & Biology Interface” (ISCBC-2018)	11-13 th , January, 2018	Manipal University, Jaipur (RS), India
21	25th ISCB International Conference (ISCBC-2019)	10-14 Jan, 2019	CDRI, Lucknow
22	26th ISCB International Conference (ISCBC-NIPICON 2020)	22-24 Jan, 2020	Nirma University, Ahmadabad (GS)

Fellowship / Awards:

Sr. No.	Name of the Fellowship / Awards	Granting / Awarding Institution	Year
1	Teacher research fellowship	University Grants Commission (UGC), New Delhi	1994

Research Publications:

Sr. No	Title of publication	Name of the International Journal	Month and year of publication
1	Synthesis and biological activity of some new 2-alkyl-1-(1-dihydroxy pyridyl-methyl)-benzimidazoles.	Indian J. Chem.	(1995), 34B(10),917-919
2	Synthesis of 1,3-bis[N-substituted]benzimidazoline-2-thiones as antimicrobial agents.	Indian J. Het. Chem.	(1995); 4(4), 311-312.
3	Synthesis of coumarinopyrazoles, 1,3,4-oxadiazoline-5-thiones, N-benzylidenehydrazides and their antimicrobial activity.	Indian J. Het. Chem.	(1995); 5(1), 29-32.
4	Synthesis of some dihydropyridino triazoles and thiadiazoles and their antimicrobial activity.	Indian J. Het. Chem.	(1995), 5(2), 161-166.
5	Studies and synthesis of dihydroxypyridinyls-triazine derivatives as potential antimicrobial agents.	Acta Ciencia Indica	(1995), 21(3), 115-118.
6	Synthesis of some new 2,4-bis arylamino-6-(2'-3''-amino-5'-arylpyrimidin-1''-yl)aryloxy) triazine derivatives and their antimicrobial activity.	Polish Journal Chem.	(1996) ; 70(6), 809-812.
7	Synthesis of 8-[(6'-substituted-1'-3'-benzothiazol-2'-yl)aminomethyl]-substituted hydroxyl coumarins and their antimicrobial activity.	Indian J. Het. Chem.	(1996) ; 6(2), 135-138.
8	Synthesis of some bis(azetidiny) pyridines and their antimicrobial activity.	Asian Journal Chem.	(1996)8(2), 204-206.

9	Synthesis of some dihydropyridinopyrazoles and oxadiazole 5-thiones and their antimicrobial activity.	Asian Journal Chem.	(1996) ; 8(2), 217-221.
10	Synthesis and antimicrobial activity of 1-(N-substituted aminobenzothiazolyl) methyl benzimidazoles.	Asian Journal Chem.	1996, 8(2), 222-224
11	Synthesis of Mannich bases of benzimidazoles as possible antiviral agents.	Asian Journal Chem.	(1996); 8(2), 225-228.
12	Synthesis of some bis(phenyltriazolyl)- and bis(anilinothiadiazolyl) dihydro pyridines and their antimicrobial activity	Ind. J Het. Chem.	(1997); 9 (2), 114-116
13	Synthesis of 1-(N-benzimidazolyl)-3-(N-substituted dihydropyridino)-propane-2-one as active antibacterial and antifungal agents.	Bulletin Des. Soc. Chimiques Belges (Euro. J. of Org. Chem.)	(1997), 106(3), 159-162.
14	Synthesis and Biological activity of 2,4-Bis(substituted anilino)-6-Pyrazolyl- S-triazines	Indian J Chem.	(1998), Vol.B, 59/71
15	Synthesis and Chemotherapeutic evaluation of new s-triazine derivatives	Oriental J. Chem.	(1999), (3) 210-212
16	Synthesis and biological activity of 2,4-bis(substituted anilino)-6-(Pyrazolyl)-s-triazines.	Indian J. Het. Chem.	(2000); 9(4), 271-274.
17	Synthesis and antimicrobial activity of 2-(methylamino)-4-(4'-ethoxyanilino)-6-(substituted dihydropyridino)-S-triazines.	Asian Journal of Chem.	(2001), 13(3), 844-848.
18	A New Chromogenic Spray Reagent for detection and identification of Monochrotophos.	Journal of Planar Chromatography,	(2008) ;21(3), 199-200.
19	A New Chromogenic Spray Reagent for detection and identification of Mono chrotophos.	Journal of Planar Chromatography,	(2009);22 (6), 457-458.
20	Thin layer chromatographic detection & identification of the insecticides Imidacloprid in Biological Materials.	Journal of Planar Chromatography	(2009), 22(6), 459-460.
21	A New chromogenic spray reagent for detection and identification of monochrotophos	Journal of Planar Chromatography	22(2) 2009, 133-135

22	New Chromatographic Spray reagent for the detection and Identification of Indoxacarb	Proceedings XX All India Forensic Science Conference – Jaipur, Rajasthan	ISBN 978-81-902594-94 2009 ; pp-01-04
23	A new Chromogenic Spray Reagent for detection and identification of Carbosulfan.	Journal of Planar Chromatography,	(2010), 23(5) ; 373-375.
24	Thin layer cinematographic method for detection & identification of carbamate insecticides in Biologic materials using Folin Ciaclfanaltau as spray reagents .	Indian Journal of Criminology and Criminalistics	(2010), 31(1) , 100-103.
25	Greener approach towards the facile synthesis of 1,4-Dihydropyrano[2,3-c]pyrazol-5-yl Cyanide derivatives at room temperature	Chinese Chemical Letters	(2010), 21, 1175-1179
26	Thin layer chromatographic detection of selected Pyrethroids with p-Benzoquinone reagent	Journal of Planar Chromatography,	(2010), 23(5), 332-333
27	A new Chromogenic Spray Reagent for detection and identification of Hydrogen Cynamide.	Global Journal of Analytical Chemistry	(2011), 2(1) 46-49.
28	Regiospecific oxidation by DDQ of anti activated alkyl groups of aromatic amines in aqueous medium.	Chinese Chemical Letters	(2011) ,doi :10.1016/ Journal cclct. 2011.03.016
29	An efficient and greener protocol towards synthesis of unsymmetrical N, N'-Biphenyl urea.	Arabian Journal of Chemistry,	(2011)doi : 10.1016/ Journal arabjc. 2011.01.030
30	Triethylammonium acetate (TEAA) : An efficient catalyst for one pot synthesis of Tetrahydro-4H-chromene derivatives.	Letters in Organic Chemistry,	(2011) ; 8(4),; 282-286.
31	Microwave assisted, ligand free copper catalysed reaction of aryl halides with phenyl urea.	Bulletin of Korean Chemical Society	(2011), 32(12), 4167-4170
32	An efficient method for N-ary lation of phenyl urea via copper catalysed amidation.	Chinese Chemical Letters	(2011), 22, 675-678
33	Morpholinium Bisulfate [morH][HSO ₄] Promoted O, S and N Acylation at Room Temperature.	Green Chem. and Lett. Rev.	(2011), 4(1), 91-95

34	Physico-Chemical Water Analysis of Achler Water tank in Osmanabad District (M.S.) India	High tech Research Analysis	2011 (1) ,95-99
35	Unusal Finding of Pyrethroid Insecticide used for Leopard Hunting- A Case Report	Journal of Planar Chromatography,	2011, 24(5) 5,445-446
36	Synthesis and Biological evaluation 2,4,6- Triazine derivatives as antimicrobial agents	Bioorganic and Medicinal Chemical Letters	(2012) dx.doi.org/10.1016/j.bmcl.2012.05.111
37	Cu(acac) ₂ –catalysed N-arylations of phenyl urea with aryl boronic acid	Synthetic Communication	201142 (2011) 1704-1714
38	SNAr reaction of 2,5-dinitrofurran : A mild and efficient method for the preparation of 2- aryloxy-5-nitrofurran	Indian J. Het. Chem.	(2011) 201148458-462
39	River (BORI) Water Pollution and it's impact on irrigation status	High tech Research Analysis	(2011) (1) ,110-116
40	Physico-Chemical Analysis of Jalkot well water sample with respect to water quality index	Journal of Science Information	(2012),Vol.2(2), 239-241
41	Physico-Chemical Analysis of Andur well water sample with respect to correlation coefficient	Journal of Science Information	(2012),Vol.2 (2) 244-247
42	Sugar Waste Water Effluents : Water pollution, causes and remedial controlling measures	Universal Research Analysis	(2012),Vol. II (3) 73-79
43	Physico-Chemical Water Analysis of Lake sample at Khandala Prakalp Osmanabad District (M.s.) India	International Journal of Basic & Applied Research	(2012),Vol. 03 ; 135-137
44	Seasonal & Comparative of pH variation in Well Water samples in Tuljapur Taluka	Vision Research Review	(2012),Vol. 1 (IV) 50-53
45	Identification & Quantification of a weak opiod narcotic analgesic drug.....by GC-Mass spectroscopy	Proceedings of National Conference on Latest Technologies and Their Applications in Forensic Science & Digital Forensics	ISBN 978-81-902594-94-9-1; 2012; 6-7 March, 2012, pp-100-103
46	Characterization of Al Substituted Co-Mn-FeO ₄ Nano Ferrites Synthesized by Auto - combustion method.	Golden Research Thoughts	(2014) Vol 4 (2) 01-09

47	Crystallographic and Magnetic Studies of Cr ³⁺ substituted Nanocrystalline Cobalt Manganese Ferrites	Periodic Research	(2014) Vol. 3(1) 01-05
48	A new chromogenic spray reagent for the detection and identification of Dichlorvos	International Journal of Chemistry	(2014) Vol.3 (4): 388 - 390
49	Physico Chemical water analysis of LOHARA dam in Osmanabad district (M.S) India Thematic publications	Proceedings of National Seminar on water pollution and solid waste management for natural resources conservation.	ISBN : 978-93-83192-47-2; 2014 NS-2014, PP 21-22, (2014)
50	Trends of poisoning in India	XVII Annual conference of Medico legal Association of Maharashtra Proceedings	Argentica- 2014 , PP. 92-100; 2014
51	Copper, Lead as aquatic pollutants, consequences and remedial measures. Thematic publications	Proceedings of National Seminar on water pollution and solid waste management for natural resources conservation.	NS-2014, pp 98-99 (2014) ISBN : 978-93-83192-47-2014
52	X-ray diffraction Studies of Cr ³⁺ Substituted Nano- crystalline Cobalt Manganese Ferrites	Proceedings on International conference on Chemical, materials and biosciences for sustainable development Walchand College, Solapur (MS)	8-10, Jan. 2015; 2015
53	Synthesis and biological evaluation of morpholine and salicylamide nucleus based derivatives.	European Journal of Pharmaceutical and Medical Research.	(2015); 2(3), 269-282.,
54	Design, synthesis and biological evaluation of 4-(2,3-Dihydro-4H-Pyrido[3,2-B][1,4]oxazin-4-yl)-3-Fluoroaniline derivatives.	Indo American journal of pharmaceutical sciences.	(2015) ; 2(7), 1096-1102.
55	Design, synthesis and biological evaluation of some novel fused ring pyridine morpholine benzene sulphonamide derivatives.	World journal of pharmacy and pharmaceutical sciences.	(2015); 4(8), 1413-1423
56	Synthesis and biological evaluation of fused ring benzomorpholine monofluoro aniline derivatives.	American Journal of Pharm Tech Research.	(2015) ; 5(1), 444-453.
57	Synthesis and biological evaluation of fused ring pyrido morpholine phenoxy derivatives.	World Journal of pharmacy and pharmaceutical sciences.	(2015) ; 4 (2), 685-693
58	Synthesis and biological evaluation of (3S)-3-	Indo American journal	(2015) ; 2(3),

	[4-Methoxymethoxy) benzyl] Morpholine derivatives from L-Tyrosine	of pharmaceutical sciences.	722-730.
59	Synthesis and antibacterial activity of novel hydrazides containing Thienopyrimidine	Journal of Chemical and Pharmaceutical Research,	(2015), 7(9), 670-675
60	Dopant TiO ₂ as a Green Catalyst for Better Tomorrow	Science Park Research Journal	(2015)MSDLA-2015, 01-08.
61	Synthesis, characterization and biological evaluation of N-(4-morpholine-3-fluorophenyl)-N-(Furan-2-ylmethyl)-2-substituted phenoxy- propanamide derivatives.	International Journal of Pharma and Bio Sciences.	(2015) ; 6(4), 340-348
62	Synthesis, Characterization and biological evaluation of 3-Fluoro-4-(morpholin-4-yl)-N-[2-(thiophene-2-yl) ethyl] aniline derivatives.	European Journal of Pharmaceutical and Medical Research.	(2015) ; 2(4), 1099-1109
63	Microwave-assisted synthesis and biological screening of some novel phenyl Morpholine Benzene sulfonamide schiff bases.	International Journal of advances in Pharmacy, Biology and Chemistry.	(2015) ; 4(3), 01-08
64	Microwave-assisted organic synthesis of some novel fluorophenyl morpholine benzene sulphonamide schiff bases and their biological studies	Journal of Chemical and Pharmaceutical Research	(2015), 7(12):720-726
65	A validated stability-indicating HPLC related substances method for salicylic acid in bulk drug and dosage form	World Journal of Pharmaceutical Sciences	(2015); 3(6): 1184-1190
66	New Chromogenic Spray Reagent for Detection of Acephate from Biological Material	International Journal of Inventive Engineering and Sciences (IJIES)	(2015): Vol-3(4), : 01-06
67	Relevance of Semen sample in Sexual Assault Investigation	World Journal of Pharmaceutical Sciences	(2015) ; 4(8) , 1608-1612
68	Designing and Synthesis of N-(6-phenylpyridin-2-yl) Pyridine-2-amine Derivatives as a Novel Antimicrobial Agent	Journal of . Environ. Nano-technology	(2015);4(1) ; 19-22
69	A Systematic Development of RP-HPLC Method for Antihistamine Drug in Combination with Montelukast Sodium	International Journal of Medico-biological Research	(2015) : 1(8) ; 411-417
70	Synthesis & antibacterial activities of 1-phenyl-5-(1H-pyrrol-1yl)-1H-pyrazole-4-carboxylic acid N'-acyl hydrazides	American Journal of Pharm Tech Research	(2015) : 5(3) ; 444-451

71	Thin Layer Chromatographic Analysis of Boom Flower (Nitrobenzene) In biological materials	International Journal of Plant, Animal and Environmental Sciences	(2016) ; 6(1) 76-79
72	Detection & Identification of Paracetamol from biological material using HPTLC combined with Modern analytical technique	Journal of Medicinal Chemistry and Drug discovery	(2016) ; 2 (1) :689-698
73	X-ray Diffraction studies of Aluminium Substituted Co-Mn-FeO ₄ Nano Ferrites www.jmcdd.com	Journal of Medicinal Chemistry and Drug discovery	(2016) ; 2 (1) : 438-445
74	X-ray diffraction Studies of Cr ³⁺ Substituted Nano- crystalline Cobalt Cr ³⁺ Substituted Nanocrystalline Cobalt	Journal of Medicinal Chemistry and Drug discovery	(2016) ; 2 (1) :446-458
75	A Specific Spray Reagent for the Identification and Detection of Carbaryl in Biological Materials	Journal of Planar Chromatography	(2016) : 29(3), 227–228 DOI: 10.1556/1006.2016.29.3.10
76	Magnese Chloride Catalyzed Synthesis Of 3-(1H-Indol-3-yl)-1, 3-Diphenylpropan-1-ones in Water Under Microwave Irradiation Method	Heterocyclic Letters;	(2016) , 2 (6), 01-08
77	Heterogeneous Microencapsulated Copper (II) Acetylacetonate as Green Catalyst for Synthesis of Amidoalkyl Naphthol	Der PharmaChemica,	(2016), 8 (17) : 137-141
78	Synthesis and anticancer activities of novel (tetrahydrobenzo[4,5]thieno[2,3-d]pyrimidine-4-yl)-pyrrolidine-2-carboxylic acid derivatives	Medicinal Chemistry Research	(2016), 25, 2380-2391 DOI:10.1007/s00044-016-1692-X
79	A New Chromatographic Reagent for Carbamate Insecticides	Journal of Planar Chromatography	(2016) : 29(6) ; 477-479
80	Synthesis of Biaryl Compounds Using Copper Ferrite Nanoparticles	International Journal of Chemistry and Chemical Engineering ISSN 2248-9924	(2016), Vol. 6, No. 1 pp. 23-27
81	IR and Magnetic Studies of Al ⁺³ Substituted Co-Mn-FeO ₄ Nano Ferrites	Proceedings of National Conference on e-Synanochem-16	ISBN : 978-93-84810-15-3; 2016; pp. 56-63,
82	To Develop HPLC Method For the Assay of Memantine Hydrochloride Tablets Using Refractive Index (RI) Detector	Indo American journal of pharmaceutical sciences.	(2017), 4 (11), 4391-4397

83	Scope of Agricultural Solid Waste in Sustainable Development in India	Asian J. Research Chem. ISSN 0974-4169 (Print) 0974-4150 (Online)	10(2): 01-03; March-April (2017)
84	Synthesis and Antibacterial Activities of Novel Sulphonamide containing 1,3-Diarylpyrazolyl Amides	Current Bioactive compounds : (Bentham Science publishers)	(2017),13,01-05
85	The Development and Validation of Novel, Simple High-Performance Liquid Chromatographic Method with Refractive Index Detector for quantification of Memantine Hydrochloride in Dissolution Samples	Journal of chromatographic Science (Oxford Academic Press)	(2017), 1-7; DOI:10-1093
86	Tetra-n-butyl ammonium fluoride (TBAF) catalyzed convenient synthesis of 2-arylbenzothiazol in aqueous media	Chemistry and Biology Interface : An official journal of ISCB	(2017) ,Vol.7(1), 48-56
87	Synthesis and Study of Transition Metal Doped Titanium Dioxide Nanoparticles	Weekly Science ISSN 2321-7871 Online , www.lbp.world	2017 : 5 (11) 01-07
88	Synthesis and Anticancer studies of 1-[4-(2,4-Dioxo-thiazolidin-5-ylidenemethyl)-benzenesulfonyl]-pyrrolidine-2-carboxylic acid derivatives	Chemistry and Biology Interface : An official journal of ISCB	(2017) Vol.7(2), 01-07
89	Synthesis of Metallophthalocyanines by using ammonium molybdate as a catalyst	Journal of Medicinal Chemistry and Drug discovery	(2017) ,vol. 03, (03), 192-195
90	Kinetics and Mechanism of formation of 2,3-disubstituted 1,4-benzothiazines : One pot DMSO assisted Cyclocondensation of Bis-anilino Disulphide and 1,3-Dicarbonyls	International Journal of Chemical Kinetics ISSN: 0538-8066.	(2017) :01(1) : 01-08
91	Quantitative evaluation of Boerhavia diffusa and its commercial formulations with respect to its major bioactive marker, eupalitin galactoside, using high performance thin-layer	Journal of Planar Chromatography ISSN : 0933-4173	(2017), 30, 521-526.
92	Anti-inflammatory exploration of sulfonamides containing diaryl pyrazoles with promising cox-2 selectivity and enhanced gastric safety profile	Journal of Heterocyclic Chemistry.	(2018) ; DOI: 10.1002 /jhet.3118
93	Synthesis of metal spinel type of ferrite and used as a catalysts in organic reactions	The Pharma Innovation Journal ISSN (E): 2277- 7695 ISSN (P): 2349-8242	(2018); 7(1): 215-217

94	Nano Fe ₃ O ₄ as a heterogeneous recyclable magnetically separable catalyst for synthesis of nitrogen fused imidazo heterocycles via double C- N bond formation	Iranian J. Catalysis, ISSN : 2252-0236.	2018; 8(3), 155-163
95	Microwave assisted synthesis of Tetrahydrobenzo [b]pyrans via one pot multicomponent reaction using [Et ₃ NH][HSO ₄] as ionic liquid catalyst	Journal of Pharmaceutical, Chemical and Biological Sciences (JPCBS) ISSN: 2348 - 7658	2019 : Vol 6, Issue 4 : 1-7
96	A New Chromogenic Spray Reagent for the Detection and Identification of Oxyfluorfen Herbicide in Biological Material by High-Performance Thin-Layer Chromatography	Journal of Planar Chromatography ISSN : 0933-4173	32 (2019) 1, 69–71
97	Heterogeneous PS-DABCO Catalyzed One pot four-Component Synthesis of Pyranopyrazole	<i>Journal of Applicable Chemistry</i> ISSN: 2278-1862 (International Peer Reviewed Journal)	(2019), 8 (1):425-434
98	A Fast Isolation Method for Glycyrrhizic Acid, the Bioactive Marker of <i>Glycyrrhiza glabra</i> , and Its Quantitative Evaluation in Some Single and Multi-herbal Formulations Using High-Performance Thin-Layer Chromatography	Journal of Planar Chromatography ISSN : 0933-4173	32 (2019) 1; DOI: 10.1556/1006.2019.32.2.0
99	Challenges in Open and Distance Learning	Compendium, 3 rd National Teachers Congress, ISBN : 978-93-88441-67-4	(2019) pp. 236-238
100	Plant Extract Assisted Eco-benevolent Synthesis of Selenium Nanoparticles-A Review on Plant Parts involved, Characterization and their recent Applications	Journal of Chemical Reviews, ISSN : DOI: 10.33945/SAMI/JCR	2020, Volume 2, Issue 3, Pages 157-168
101	Structural and Optical Studies on Phosphorous doped TiO ₂ nanoparticles	High Technology Letters ISSN : 1006-6748	Volume 26, 2000 (Issue 11):159-173 , 2020
102			
103			

Details of quality books in a recognized discipline, referred for study in higher education at the National/International level:

Sr. No	Title of book	Name of the Publisher	Institution where referred for study
1	Synthesis of some Biological active compounds	Lambert Academic Publishing, Germany. ISBN: 978-3-330-03756-4	Reference Book
2	Reagents for Detection of Insecticides and drugs of Forensic Interest	Lambert Academic Publishing, Germany. ISBN: 978-3-659-88751-2	Reference Book
3	Synthesis and Studies on the Properties of Ferritic Nanoparticles	Lambert Academic Publishing, Germany. ISBN : 978-3-659-88754-3	Reference Book
4	Identification of Pesticides and Drugs of Forensic Interests	Lambert Academic Publishing, Germany. ISBN: 978-3-659-87430-7	Reference Book
5	Synthesis and Study of Anti-HIV Drugs	Lambert Academic Publishing, Germany. ISBN : 978-3-659-86709-5	Reference Book
6	Studies on the Synthesis of Heterocyclic Compounds	Lambert Academic Publishing, Germany. ISBN : 978-3-330-01523-4	Reference Book
7	Kinetics of Condensation Reactions for Bioactive Molecules	Lambert Academic Publishing, Germany. ISBN : 978-3-330-01179-3	Reference Book
8	Synthesis and study of antiviral drug with enhancing efficiency	Lambert Academic Publishing, Germany. ISBN : 978-3-330-00481-8	Reference Book
9	Novel Morpholine Derivatives : Synthesis and Characterization	Lambert Academic Publishing, Germany. ISBN : 978-3-659-95368-2	Reference Book
10	Synthesis of Novel Heterocycles and Their Pharamacological Activity	Lambert Academic Publishing, Germany. ISBN : 978-613-9-89648-6	Reference Book
11	Methods for Determination of Drugs, Drug Release & its impurities	Lambert Academic Publishing, Germany. ISBN : 978-613-9-45865-3	Reference Book
12	Method Development for Analysis of Drugs and Forensic Interest Compounds from Biological and Non-Biological	Lambert Academic Publishing, Germany ISBN : 978-620-0-45636-6	Reference Book

	Materials		
13	Synthesis and Study of Metal and Nonmetal Doped Titanium Dioxide Nanoparticles	Lambert Academic Publishing, Germany. ISBN: 978-620-2-801-805	Reference Book
14	Chemical and Biological Studies of Some Indian Medicinal Plants	Lambert Academic Publishing, Germany. ISBN: 978-620-3-196-573	Reference Book

Membership of Professional Body / Statutory Body (Internal & External):

Sr. No.	Membership of Professional Body / Statutory Body	Name of Statutory Body / Institution	Period From	Period To
1	Life Member	Indian Science Congress, Kolkata,	1998	Till date
2	Life Member	Indian Chemical Society, Kolkata,	2000	Till date
3	Life Member	International Society of Chemists and Biologists, CDRI, Lucknow	2006	Till date
4	Life Member	Association of Chemistry Teachers, Mumbai,	2000	Till date
5	Life Member	Chemical Research Society of India, IISc, Bangalore, INDIA	2004	Till date
6	Life Member	International Congress of Chemistry & Environment, Indore	2006	Till date
7	Life Member	Vigyan Prasar, DSIR, GOI, New Delhi. INDIA	2000	Till date
8	Life Member	Indian Council of Chemist, Agra -UP	2016	Till date
9	Fellow Member	International Congress of Chemistry & Environment, Indore	2006	Till date
10	Senate Member(Elect)	Dr. Babasaheb Ambedkar Marathwada	2011	2016

		University, Aurangabad		
11	Chairman, Standing Committee (Elect)	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	2011	2014
12	Member of NSS Advisory committee	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	2011	2017
13	Member of NSS Advisory committee	Shivaji University, Kolhapur	2011	2013
14	Member of NSS Advisory committee	Solapur University, Solapur	2011	2013
14	Member of University Sub-Campus Advisory Committee	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	2011	2016
15	Member of District Nehru Yuva Kendra	Ministry of Youth and Culture, Govt. of India	2004	2006
16	Member of NSS Coordination committee	NSS Cell, Higher Technical Department, Govt. of Maharashtra	2006	2010



Signature of the Faculty

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