

Research Publications (Last 5 years)

1) Prin. Dr. B. K. Karale: 56

Sr. No.	Title of the Research Paper	Name of the Journal	Year	ISSN No.
1	Synthesis and biological screening of novel thiazolyl triazoles and thiadiazoles	Indian Journal of Chemistry, Section B	2013-14	0376-4710
2	Synthesis and biological screening of some novel fluorinated pyrazolyl compounds	Indian Journal of Heterocyclic Chemistry	2013-14	0971-1627
3	Synthesis of some novel thiophene containing chromones and auronones	Indian Journal of Heterocyclic Chemistry	2014-15	971-1627
4	Synthesis and characterization of novel thiazole anchored pyrazolyl benzoxazoles	Oriental Journal of Chemistry	2014-15	2231-5039
5	Synthesis, Characterization and Biological Evaluation of Some Novel Thiophene Anchored Fluorinated Heterocycles	Oriental Journal of Chemistry	2014-15	2231-5039
6	Synthesis and in vitro biological screening of some benzimidazolyl anchored azoles	Indian Journal of Chemistry, Section B	2014-15	0975-0983
7	Synthesis and biological screening of some novel fluorinated chromones and auronones	Indian Journal of Chemistry, Section B	2014-15	0975-0983
8	Novel thiadiazoles and triazoles from 4-chloro-3,5-dimethylphenol and their in vitro antibacterial screening	Indian Journal of Chemistry, Section B	2014-15	0975-0983
9	Synthesis and characterization of some medicinally important flavone derivatives	Flora and fauna	2014-15	0971-6920
10	Environmentally benign synthesis of fluorinated thiazolyl azoles	Flora and fauna	2014-15	0971-6920
11	Microwave assisted synthesis of fluorinated 2- styrylchromone	Flora and fauna	2014-15	0971-6920
12	Synthesis and biological activities of some benzimidazolone derivatives	Indian journal of pharmaceutical sciences	2014-15	0975-0983
13	Synthesis and antimicrobial evaluations of some novel fluorinated chromones and	Indian Journal of Chemistry	2014-15	971-1627

	pyrazoles			
14	Synthesis and characterization of some Fluorinated 1,5-benzothiazepines and pyrazolines	Indian Journal of Heterocyclic Chemistry	2014-15	0970-020X
15	Synthesis and biological screening of novel [5-(2-hydroxyaryl)carbonyl] pyrimidin-2-YI}(methyl amino) acetic acids and their oxime derivatives	Indian Journal of Heterocyclic Chemistry	2014-15	971-1627
16	Synthesis and antibacterial screening of novel fluorine containing heterocycles	Oriental Journal of Chemistry	2014-15	0970-020X
17	Synthesis of some novel pyrazole containing 1,5-benzothiazepines and pyrazolines	Oriental Journal of Chemistry	2014-15	0970-020X
18	Synthesis, docking, invitro antimicrobial and antimalarial evaluation of novel 2-(furan-3-Yi)-1 H-benzo [d] imidazole anchored with flavone and pyrazole derivatives	Indian Journal of Heterocyclic Chemistry	2014-15	971-1627
19	Synthesis and biological screening of some fluorinated pyrazolines, 2-heteryl chromones and 1,4-benzothiazepines	Indian Journal of Heterocyclic Chemistry	2014-15	971-1627
20	Synthesis characterization and antimicrobial screening of some fluorinated chromones and chlorochromones	Oriental Journal of Chemistry	2014-15	0970-020X
21	Synthesis and antimicrobial activity of some novel [4-(1,2,3-thiadiazol-4-yl) phenoxy] methylene anchored 1,3,4-triazoles and 1,3,4-thiadiazoles	Indian Journal of Heterocyclic Chemistry	2014-15	971-1627
22	Synthesis and biological screening of novel thiazolyl triazoles and thiadiazoles	Indian Journal of Chemistry	2014-15	0975-0983
23	Synthesis of some benzothiazepines, chromones and pyrazolines from (2E)-3-(2-hydroxy-5-nitriphenyl)-1-(2-hydroxyphenyl) prop-2-en-1-one	Indian Journal of Heterocyclic Chemistry	2014-15	971-1627
24	Synthesis and biological screenong of some novel fluorinated pyrazolyl compounds	Indian Journal of Heterocyclic Chemistry	2014-15	971-1627

25	Synthesis and characterization of halogenated chromones	Research Journal of Chemical Sciences	2014-15	ISSN: 2250-9261
26	Synthesis and characterization of series of salicyloyl pyrazole and their oximes	Research Journal of Chemical Sciences	2014-15	ISSN: 2250-9261
27	Synthesis and characterization of some 5-(1-cyclohexyl-1H-indazol-3-yl)-N-phenyl-1,3,4-thiadiazol-2-amines and 5-(1-cyclohexyl-1H-indazol-3-yl)-4-phenyl-4H-1,2,4-triazol-3-thiols	Research Journal of Chemical Sciences	2014-15	ISSN: 2250-9261
28	<u>Synthesis and antimicrobial evaluation of novel pyridine anchored thiazolyl 1, 3, 4-thiadiazoles and 1, 2, 4-triazoles</u>	Indian Journal of Heterocyclic Chemistry	2015-16	971-1627
29	Synthesis of novel fluorine and Pyridine containing thiazolyl 1,3,4-oxadiazole derivatives	Indian Journal of Heterocyclic Chemistry	2015-16	971-1627
30	Synthesis and biological screening of some novel thiazolyl chromones and pyrazoles	Indian Journal of Chemistry	2015-16	0975-0983
31	Microwave assisted synthesis ofazole derivatives	Indian Journal of Heterocyclic Chemistry	2015-16	971-1627
32	Microwave assisted synthesis of 1-(6,8-Dimethyl Coumarin-4yl)-2-(chroman-3-yl) Ethenes under solvent free conditions	Trade Science Inc Journal	2015-16	1533-4880
33	Synthesis and Antibacterial Screening of 1,3,4-Thiadiazoles, 1,2,4-Triazoles and 1,3,4-Oxadiazoles Containing Piperazine Nucleus	Journal of Heterocyclic Chemistry	2015-16	0022-152X
34	Synthesis and screening of fluoro substituted pyrazolyl benzoxazoles	Oriental Journal of Chemistry	2015-16	0970-020X
35	Nanosized ZnO Under Solvent Free Condition: A Smart and Ecofriendly Catalyst to Microwave Assisted Synthesis of 3,4-dihydropyrimidin-2(1H)-ones/Thiones	Current Smart Materials	2015-16	2405-4666(online) 2405-4658(print)
36	Synthesis and biological screening of some new thiophene and pyrazole containing	Indian Journal of Heterocyclic Chemistry	2016-17	971-1627

	styrylchromones and pyrazoles			
37	Synthesis and characterization of novel fluorinated thiazolyl 1,3,4-thiadiazoles, 1,2,4-triazoles and 1,3-thiazoles by conventional and non-conventional methods	Indian Journal of Chemistry, Section B	2016-17	0975-0983
38	Synthesis and characterization of thiazole anchored fluorinated 2-heterylchromones and pyrazoles	Indian Journal of Chemistry, Section B	2016-17	0975-0983
39	Synthesis and Physico-Chemical Properties of Transition Metal Complexes with 2,4-Dichloro-6-{{(hyoxyimino[1-(4-methylphenyl)-1H-Pyrazol-4-yl]methyl} Phenol	International Journal of Chemical Science	2016-17	0972-768X
40	Synthesis and antimicrobial activity of some novel pyrazolones	Oriental Journal of Chemistry	2016-17	2231-5039
41	Knoevenagel condensation of heteroaromatic aldehydes with 1-phenyl-1H-pyrazol-5(4H)-ones	Indian Journal of Heterocyclic Chemistry	2016-17	971-1627
42	Conventional and non-conventional synthesis of some novel benzofuran incorporated thiadiazoles and triazoles	Indian Journal of Heterocyclic Chemistry	2016-17	971-1627
43	Synthesis and antimicrobial evaluation of some new thiophene anchored chromones, aurones and pyrazoles	Indian Journal of Heterocyclic Chemistry	2016-17	971-1627
44	Synthesis of novel fluorine containing imidazolyl aurones and benzofurans	Indian Journal of Chemistry, Section B	2016-17	0975-0983
45	Synthesis and characterization of Mn(II), Fe(II), Co(II) and Ni(II) complexes of salicyloylpyrazole oxime	Asian journal of chemistry	2016-17	0975-427X
46	Synthesis, Characterization and Antibacterial studies on Mn(II) and Fe(II) complexes of N,O Donar Salicyloyl Pyrazole Oxime Schiff Bases	Oriental Journal of Chemistry	2016-17	0970-020X
47	Pharmacophore Mapping Approach for Drug Target Identification: A chemical synthesis and in silico study on novel thiadiazole compounds	Journal of clinical and diagnostic research	2016-17	0973-709X

48	Synthesis and characterization of nanostructured Cu-ZnO: An efficient catalyst for the preparation of (E)-3-styrylchromones	Arabian Journal of Chemistry	2016-17	1878-5352
49	Effect of Cd-doping on the catalytic activity of ZnO nanoflakes in the synthesis of benzimidazoles	Research on Chemical Intermediates	2017-18	0922-6168
50	Synthesis and characterization thiophene based flavones	International journal of chemical and physical science	2017-18	2319-6602
51	Synthesis and Characterization of Transition Metals Doped Zinc Oxides Nanocrystalline Materials by Solution Based Precipitation Technique	International Journal of Chemical and Physical Sciences	2017-18	2319-6602
52	Synthesis of Enaminones by Conventional and Microwave Irradiation Methods	International journal of chemical and physical science	2017-18	2319-6602
53	Synthesis and Antimicrobial Study of Novel Chromones, Pyrazolines and Benzothiazepines Having Thiazole Nucleus	International journal of chemical and physical science	2017-18	2319-6602
54	Novel catalytic application of Ni@ZnO nanoflakes and ZnO nanoflakes in aqueous solution of NaPTS hydrorope at room temperature via a green synthesis pf 3,4-dihydropyrimidin-2(1H)-ones	Research on chemical Intermediates	2017-18	.
55	Synthesis of some Fluorinated Aurones and Chromones	Journal of Heterocyclic Chemistry	2017-18	0971-1627
56	Synthesis of some Multihalogenated Pyrazolyl Benzofurans and Benzoxazoles	Journal of Heterocyclic Chemistry	2017-18	0971-1627

2) Prin. Dr. D. D. Patil: 02

Sr. No.	Title of the Research Paper	Name of the Journal	Year	ISSN No.
1	Anti-inflammatory activity from leaves and flowers of Cayratia	Flora and Fauna	2017-18	0971-6920

	pedata plant			
2	Screening of Cryptolepis buchananii for antioxidant activity	Flora and Fauna	2017-18	0971-6920

3) Dr. H. N. Akolkar: 25

Sr. No.	Title of the Research Paper	Name of the Journal	Year	ISSN No.
1	Synthesis and biological screening of some novel fluorinated pyrazolyl compounds	Indian Journal of Heterocyclic Chemistry	2013-14	0971-1627
2	Synthesis of some novel thiophene containing chromones and auronones	Indian Journal of Heterocyclic Chemistry	2014-15	971-1627
3	Synthesis and characterization of novel thiazole anchored pyrazolyl benzoxazoles	Oriental Journal of Chemistry	2014-15	2231-5039
4	Synthesis, Characterization and Biological Evaluation of Some Novel Thiophene Anchored Fluorinated Heterocycles	Oriental Journal of Chemistry	2014-15	2231-5039
5	Synthesis and in vitro biological screening of some benzimidazolyl anchored azoles	Indian Journal of Chemistry, Section B	2014-15	0975-0983
6	Synthesis and biological screening of some novel fluorinated chromones and auronones	Indian Journal of Chemistry, Section B	2014-15	0975-0983
7	Microwave assisted synthesis of fluorinated 2- styrylchromone	Flora and fauna	2014-15	0971-6920
8	Synthesis and biological screenong of some novel fluorinated pyrazolyl compounds	Indian Journal of Heterocyclic Chemistry	2014-15	971-1627
9	Synthesis and antimicrobial evaluation of novel pyridine anchored thiazolyl 1, 3, 4-thiadiazoles and 1, 2, 4-triazoles	Indian Journal of Heterocyclic Chemistry	2015-16	971-1627
10	Synthesis of novel fluorine and Pyridine containing thiazolyl 1,3,4-oxadiazole derivatives	Indian Journal of Heterocyclic Chemistry	2015-16	971-1627
11	Synthesis and biological screening of some new thiophene and pyrazole containing	Indian Journal of Heterocyclic Chemistry	2016-17	971-1627

	styrylchromones and pyrazoles			
12	Synthesis and characterization of novel fluorinated thiazolyl1,3,4-thiadiazoles, 1,2,4-triazoles and 1,3-thiazoles by conventional and non-conventional methods	Indian Journal of Chemistry, Section B	2016-17	0975-0983
13	Synthesis and characterization of thiazole anchored fluorinated 2-heterylchromones and pyrazoles	Indian Journal of Chemistry, Section B	2016-17	0975-0983
14	Synthesis and antimicrobial activity of some novel pyrazolones	Oriental Journal of Chemistry	2016-17	2231-5039
15	Knoevenagel condensation of heteroaromatic aldehydes with 1-phenyl-1H-pyrazol-5(4H)-ones	Indian Journal of Heterocyclic Chemistry	2016-17	971-1627
16	Conventional and non-conventional synthesis of some novel benzofuran incorporated thiadiazoles and triazoles	Indian Journal of Heterocyclic Chemistry	2016-17	971-1627
17	Synthesis and antimicrobial evaluation of some new thiophene anchored chromones, aurones and pyrazoles	Indian Journal of Heterocyclic Chemistry	2016-17	971-1627
18	Synthesis of novel fluorine containing imidazolyl aurones and benzofurans	Indian Journal of Chemistry, Section B	2016-17	0975-0983
19	Synthesis and characterization of nanostructured Cu-ZnO: An efficient catalyst for the preparation of (E)-3-styrylchromones	Arabian Journal of Chemistry	2016-17	1878-5352
20	Synthesis and biological screening of some novel thiophene anchored heterocycles	Indian Journal of Heterocyclic Chemistry	2017-18	971-1627
21	Effect of Cd-doping on the catalytic activity of ZnO nanoflakes in the synthesis of benzimidazoles	Research on Chemical Intermediates	2017-18	0922-6168
22	Synthesis of some Multihalogenated Pyrazolyl Benzofurans and Benzoxazoles	Journal of Heterocyclic Chemistry	2017-18	0971-1627
23	Synthesis of some Fluorinated Aurones and Chromones	Journal of Heterocyclic Chemistry	2017-18	0971-1627

24	Synthesis and characterization thiophene based flavones	International journal of chemical and physical science	2017-18	2319-6602
25	Synthesis Characterization and biological evaluation of some novel thiophene anchored fluorinated heterocycles	Oriental Journal of Chemistry	2017-18	0970-020X

4) Dr. Ms. P. V. Randhavane: 09

Sr. No.	Title of the Research Paper	Name of the Journal	Year	ISSN No.
1	Synthesis and biological screening of some new thiophene and pyrazole containing styrylchromones and pyrazoles	Indian Journal of Heterocyclic Chemistry	2016-17	971-1627
2	Synthesis and characterization of novel fluorinated thiazolyl1,3,4-thiadiazoles, 1,2,4-triazoles and 1,3-thiazoles by conventional and non-conventional methods	Indian Journal of Chemistry, Section B	2016-17	0975-0983
3	Synthesis and characterization of thiazole anchored fluorinated 2-heterylchromones and pyrazoles	Indian Journal of Chemistry, Section B	2016-17	0975-0983
4	Synthesis and antimicrobial activity of some novel pyrazolones	Oriental Journal of Chemistry	2016-17	2231-5039
5	Knoevenagel condensation of heteroaromatic aldehydes with 1-phenyl-1H-pyrazol-5(4H)-ones	Indian Journal of Heterocyclic Chemistry	2016-17	971-1627
6	Conventional and non-conventional synthesis of some novel benzofuran incorporated thiadiazoles and triazoles	Indian Journal of Heterocyclic Chemistry	2016-17	971-1627
7	Synthesis and antimicrobial evaluation of some new thiophene anchored chromones, aurones and pyrazoles	Indian Journal of Heterocyclic Chemistry	2016-17	971-1627
8	Synthesis of novel fluorine containing imidazolyl aurones and benzofurans	Indian Journal of Chemistry, Section B	2016-17	0975-0983
9	Synthesis and characterization of nanostructured Cu-ZnO: An efficient catalyst for the preparation of (E)-3-	Arabian Journal of Chemistry	2016-17	1878-5352

	styrylchromones			
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5) Prof. S. P. Kunde: 04

Sr. No.	Title of the Research Paper	Name of the Journal	Year	ISSN No.
1	Nanosized ZnO Under Solvent Free Condition: A Smart and Ecofriendly Catalyst to Microwave Assisted Synthesis of 3,4-dihydropyrimidin-2(1H)-ones/Thiones	Current Smart Materials	2015-16	2405-4666(online) 2405-4658(print)
2	Synthesis and characterization of nanostructured Cu-ZnO: An efficient catalyst for the preparation of (E)-3-styrylchromones	Arabian Journal of Chemistry	2016-17	1878-5352
3	Effect of Cd-doping on the catalytic activity of ZnO nanoflakes in the synthesis of benzimidazoles	Research on chemical Intermediates	2017-18	0922-6168
4	Synthesis and Characterization of Transition Metals Doped Zinc Oxides Nanocrystalline Materials by Solution Based Precipitation Technique	International Journal of Chemical and Physical Sciences	2017-18	2319-6602

6) Ms. N. R. Darekar: 01

Sr. No.	Title of the Research Paper	Name of the Journal	Year	ISSN No.
1	Synthesis and antimicrobial evaluation of novel pyridine anchored thiazolyl 1, 3, 4-thiadiazoles and 1, 2, 4-triazoles	Indian Journal of Heterocyclic Chemistry	2015-16	971-1627

7) Dr. Ms. R. S. Endait: 04

Sr. No.	Title of the Research Paper	Name of the Journal	Year	ISSN No.
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1	Synthesis, Characterization and Biological Evaluation of Some Novel Thiophene Anchored Fluorinated Heterocycles	Oriental Journal of Chemistry	2014-15	2231-5039
2	Knoevenagel condensation of heteroaromatic aldehydes with 1-phenyl-1H-pyrazol-5(4H)-ones	Indian Journal of Heterocyclic Chemistry	2016-17	971-1627
3	Synthesis and characterization thiophene based flavones	International journal of chemical and physical science	2017-18	2319-6602
4	Synthesis Characterization and biological evaluation of some novel thiophene anchored fluorinated heterocycles	Oriental Journal of Chemistry	2017-18	0970-020X

8) Dr. Ms. L. G. Kathawate: 04

Sr. No.	Title of the Research Paper	Name of the Journal	Year	ISSN No.
1	Thermal and spectral properties of alkali metal complexes of Vitamin K3 analogue Phthiocol	Journal of Thermal Analysis and Calorimetry	2014-15	1388-6150
2	The first naphthosemiquinone coordination complex of K ⁺ with vitamin K3 analog: Experiment and Density Functional theory	Journal of Molecular Structure	2015-16	0022-2860
3	Targeting a chemorefractory COLO205 (BRAF V600E) cell line using substitutedbenzo[a]phenoxazines	RSC Advances	2015-16	2046-2069
4	Tautomerism in o-hydroxyanilino-1,4-naphthoquinone derivatives: Structure, NMR, HPLC and density functional theoretic investigations.	Journal of Molecular Structure	2016-17	0022-2860