

STAFF PROFILE

Name : Dr. S. SHEIK MANSOOR
Designation : ASSOCIATE PROFESSOR
Department : CHEMISTRY
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1. Academic Qualification

Degree	Year	Subject	Institution	University
Ph.D.	2007	CHEMISTRY	Islamiah College, Vaniyambadi	Thiruvalluvar University, Vellore
M.Phil.	1992	CHEMISTRY	Manonmaniam Sundaranar University, Tirunelveli	Manonmaniam Sundaranar University, Tirunelveli
PG	1989	CHEMISTRY	Madurai Kamaraj University Post Graduate Extension Centre, Palayamkottai, Tirunelveli	Madurai Kamaraj University, Madurai
UG	1986	CHEMISTRY	St. John's College, Palayamkottai, Tirunelveli	Madurai Kamaraj University, Madurai

2. Work Experience

S.No.	Positions Held	Name of the Institute	From	To
1	Instructor in Chemistry	St. Xavier's Polytechnic, Thoothukudi District - 628 402	03-09-1990	30-08-1991
2	Lecturer in Chemistry	Govt. College of Engineering, Tirunelveli – 627 007	17-09-1992	30-12-1993
3	Lecturer in Chemistry	Sadakathullah Appa College, Tirunelveli – 627 011	03-01-1994	25-11-1994
4	Lecturer in Chemistry	C. Abdul Hakeem College, Melvisharam – 632 509	09-01-1995	24-10-1996
5	Lecturer in Chemistry	C. Abdul Hakeem College, Melvisharam – 632 509	22-07-1998	21-11-1999
6	Lecturer in Chemistry	C. Abdul Hakeem College, Melvisharam – 632 509	22-11-1999	24-11-2004
7	Lecturer (S.S) in Chemistry	C. Abdul Hakeem College, Melvisharam – 632 509	25-11-2004	21-11-2008
8	Lecturer (S.G) in Chemistry	C. Abdul Hakeem College, Melvisharam – 632 509	22-11-2008	21-11-2011
9	Associate Professor in Chemistry	C. Abdul Hakeem College, Melvisharam – 632 509	22-11-2011	Till date

3. Professional Recognition/Award/Prize/Certificate/Fellowship received

S.No.	Name of the Award	Awarding Agency	Year

4. Research

4.1 List of Papers published

Publications of **Dr. S. Sheik Mansoor**, Ph.D., Associate Professor of Chemistry

S.No	
1	Mansoor, S.S., Shafi, S.S., Kinetics and mechanism of oxidation of aromatic aldehydes by imidazolium dichromate in aqueous acetic acid medium, <i>E-Journal of Chemistry</i> , 2009 , 6(S1), S522-S528.
2	Mansoor, S.S., Shafi, S.S., Studies on the Kinetics of Benzyltrimethylammonium fluorochromate Oxidation of Substituted Benzaldehydes in aqueous Acetic Acid Medium, <i>International Journal of Chem Tech Research</i> , 2009 , 1 (4), 1206-1212.
3	Mansoor, S.S., Shafi, S.S., Studies on the kinetics of tripropylammonium fluorochromate oxidation of some aromatic alcohols in non-aqueous media, <i>Journal of Molecular Liquids</i> , 2010 , 155, 85–90.
4	Mansoor, S.S., Mixed Metal complexes of Copper(II), Nickel(II) and Zinc (II) Involving Dopa and Dopamine, <i>International Journal of Chem Tech Research</i> , 2010 , 2 (1), 640-645.
5	Mansoor, S.S., Shafi, S.S., Oxidation of benzhydrol by tributylammonium chlorochromate: a kinetic and mechanistic study, <i>Reaction Kinetics Mechanism and Catalysis</i> , 2010 , 100, 21–31
6	Mansoor, S.S., Kinetics and mechanism of oxidation of benzaldehyde by benzimidazolium fluorochromate in aqueous acetic acid medium, <i>Asian Journal of Chemistry</i> , 2010 , 22 (10), 7591-7600.
7	Mansoor, S.S., Shafi, S.S., Studies on the kinetics of tetraethyl ammonium bromochromate oxidation of some meta- and para-substituted benzyl alcohols in non-aqueous media, <i>Zeitschrift fur Physikalische Chemie</i> , 2011 , 255, 246-263.
8	Mansoor, S.S., Oxidation of methionine by tripropylammonium fluorochromate - A kinetic and mechanistic study, <i>E-Journal of Chemistry</i> , 2011 , 8(2), 643-648
9	Mansoor, S.S., Hussain, A.M., Aswin, K., Logaiya, K., Sudhan, P.N., Synthesis of Nanostructured Polyaniline (PANI) using Chitosan by Chemical Oxidation Method via Interfacial Polymerisation, <i>Der Chemica Sinica</i> , 2012 , 3(3):683-688
10	Mansoor, S.S., Shafi, S.S., Oxidation of formic and oxalic acids by imidazolium fluorochromate in non aqueous media – A kinetic and mechanistic study, <i>Journal of Indian Chemical Society</i> , 2012 , 89, 69 – 76.

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11	Ahmed, S.Z., Shafi, S.S., Mansoor, S.S., Oxidation of lactic acid by pyridinium fluorochromate: A kinetic and mechanistic study, <i>Advances in Applied Science Research</i> , 2012 , 3 (1), 123-129
12	Ghashang, M., Mansoor, S. S., Aswin, K, An efficient and environmentally friendly procedure for the synthesis of some novel 8-benzylidene-4-phenyl-3,4,5,6,7,8-hexahydro-1H-quinazolin-2-ones/thiones using tetra butyl ammonium hexa tungstate as a reusable heterogeneous catalyst under solvent-free conditions. <i>Bulletin of the Korean Chemical Society</i> , 2013 , 34 (11) 3289-3294.
13	Mansoor, S.S., Aswin, K., Logaiya, K., Sudhan, S.P.N., Melamine trisulfonic acid as an efficient catalyst for the synthesis of 2, 6-dimethyl-4-substituted-1, 4-dihydropyridine-3, 5-diethyl/dimethylcarboxylate derivatives via Hantzsch reaction in solvent free condition, <i>Journal of King Saud University - Science</i> 2013 , 25(3):191–19
14	Asghar, B. H., Mansoor, S. S., Malik, V. S, Correlation analysis of reactivity in the oxidation of some para-substituted benzaldehydes by imidazolium fluorochromate in non-aqueous media. <i>European Chemical Bulletin</i> , 2013 , 2(8) 538-544
15	Mansoor, S. S., Asghar, B. H, Studies on the Kinetics of Tetra hexyl ammonium bromo chromate Oxidation of Methionine in various percentage of Acetic acid + N, N-Dimethyl formamide Mixture. <i>Journal of Indian Chemical Society</i> , 2013 , 90 1395-1401.
16	Mansoor, S.S., Shafi, S.S., Oxidation of aniline and some para-substituted anilines by benzimidazolium fluorochromate in aqueous acetic acid medium—A kinetic and mechanistic study, <i>Arabian Journal of Chemistry</i> , 2014 , 7, 171-176
17	Shafiee, M.R.M., Mansoor, S.S., Ghashang, M., Fazlinia, A., Preparation of 3, 4, 5-substituted furan-2 (5H)-ones using aluminum hydrogen sulfate as an efficient catalyst, <i>Comptes Rendus Chimie</i> , 2014 , 17, 131-134
18	Mansoor, S.S., Aswin, K., Logaiya, K., Sudhan, S.P.N., Malik, V.S., Aqueous media preparation of 2-amino-4, 6-diphenylnicotinonitriles using cellulose sulfuric acid as an efficient catalyst, <i>Research on Chemical Intermediates</i> , 2014 , 40, 871-885.
19	Ghashang, M., Aswin, K., Mansoor, S.S., An eco-friendly catalytic route for one-pot synthesis of 2-amino-6-(2-oxo-2Hchromen-3-yl)-4-arylnicotinonitrile derivatives by silica-supported perchloric acid (HClO ₄ –SiO ₂) under solvent-free conditions, <i>Research on Chemical Intermediates</i> , 2014 , 40 (3), 1135 - 1145
20	Ghashang, M., Mansoor, S.S., Aswin, K., Pentafluoro phenylammonium triflate (PFPAT) catalyzed facile construction of substituted chromeno[2, 3-d] pyrimidinone derivatives and their antimicrobial activity, <i>Journal of Advanced Research</i> , 2014 , 5, 209–218

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21	Hussain, A.M., Mansoor, S.S., Aswin, K. Logaiya, K., Sudhan, S.P.N., Synthesis and in vitro antimicrobial evaluation of 5-amino-7-aryl-6-cyano-4H-pyrano[3,2,b]pyrazole derivatives catalysed by reusable $ZrOCl_2 \cdot 8H_2O$, <i>Bulletin of Chemical Society of Ethiopia</i> , 2014 , 28(1), 91-100
22	K Aswin, SS Mansoor, K Logaiya, SPN Sudhan, Reusable silica-bonded S-sulfonic acid catalyst for three-component synthesis of 2-amino-5-oxo-5, 6, 7, 8-tetrahydro-4H-chromenes and 2-amino-4H-pyrans in aqueous ethanol, <i>Research on Chemical Intermediates</i> , 2014 , 40, 2583–2598
23	Mansoor, S.S., Logaiya, K., Sudhan, S.P.N., Aswin, K., An efficient synthesis of 1, 2-dihydro-1-aryl-3H-naphth [1, 2-e][1, 3] oxazin-3-one derivatives catalysed by 1, 3-dibromo-5, 5-dimethylhydantoin/kaolin under solvent free conditions, <i>Journal of Indian Chemical Society</i> , 2014 , 91 (12), 2283 – 2289.
24	Mansoor, S.S., Aswin, K., Logaiya, K., Sudhan, S.P.N., Malik, V.S., Silica-supported perchloric acid ($HClO_4-SiO_2$): a mild, reusable and highly efficient heterogeneous catalyst for multicomponent synthesis of 1, 4-dihydro pyridines via unsymmetrical Hantzsch reaction, <i>Research on Chemical Intermediates</i> , 2014 , 40:357–369
25	Aswin, K., Mansoor, S.S., Logaiya, K., Sudhan, S.P.N, Facile synthesis of 3, 4-dihydropyrimidin-2 (1H)-ones and-thiones and indeno [1, 2-d] pyrimidines catalyzed by <i>p</i> -dodecyl benzene sulfonic acid, <i>Journal of Taibah University for Science</i> , 2014 , 8, 236-247
26	Mansoor, S.S., Aswin, K., Logaiya, K., Sudhan, S.P.N., Aqua-mediated synthesis of acridinediones with reusable silica-supported sulfuric acid as an efficient catalyst, <i>Journal of Taibah University for Science</i> , 2014 , 8, 265-275
27	Aswin, K., Mansoor, S.S., Logaiya, K., Sudhan, S.P.N., Triphenylphosphine: An efficient catalyst for the synthesis of 4, 6-diphenyl-3, 4-dihydropyrimidine-2 (1H)-thione under thermal conditions, <i>Journal of King Saud University-Science</i> , 2014 , 26, 141–148
28	Mansoor, S.S., Shafi, S.S., Oxidation of aliphatic alcohols by triethyl ammonium chlorochromate in non-aqueous medium–A kinetic and mechanistic study, <i>Arabian Journal of Chemistry</i> , 2014 , 7, 312-318
29	Hussain, A.M., Mansoor, S.S., Aswin, K., Sudhan, S.P.N., Pentafluorophenyl ammonium triflate: An effective and reusable organocatalyst for the one-pot preparation of 2, 4-diaryl-5H-indeno [1, 2-b] pyridin-5-one derivatives, <i>Journal of King Saud University-Science</i> , 2014 , 26, 213-221
30	Asghar, B.H., Malik, V.S., Mansoor, S.S., Studies on kinetics and thermodynamics of oxidation of 3, 4, 5-trimethoxy benzaldehyde, benzaldehyde and N, N-dimethylamino benzaldehyde by tetraethylammonium bromo chromate in dimethyl formamide and acetic acid mixture, <i>Arabian Journal of Chemistry</i> , 2014 , https://doi.org/10.1016/j.arabjc.2014.10.047

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31	Aswin, K., Sudhan, P.N., Mansoor, S.S., Ahmed, R.N., Facile synthesis of 3, 4-dihydropyrimidin-2 (1H)-ones and-thiones and indeno [1, 2-d] pyrimidines catalyzed by p-dodecylbenzenesulfonic acid, 2014, Journal of Taibah University for Science, 2014, 8, 236–247
32	Ghashang, M., Mansoor, S. S. , Aswin, K, Poly(4-vinylpyridinium)hydrogen sulfate: A novel and efficient catalyst for the synthesis of 13-aryl-indeno[1,2- <i>b</i>] naphtha [1,2- <i>e</i>]pyran-12(13 <i>H</i>)-ones under solvent-free conditions, <i>Chines Journal of Catalysis</i> , 2014 , 35: 43–48
33	Ghashang, M., Mansoor, S. S. , Aswin, K, Thiourea dioxide: An efficient and reusable organocatalyst for the rapid one-pot synthesis of pyrano[4,3- <i>b</i>]pyran derivatives in water, <i>Chines Journal of Catalysis</i> , 2014 , 35: 127–133
34	Subash, A., Malik, V.S., Shafi, S.S., Mansoor, S.S., Studies on the kinetics of triethylammonium fluorochromate oxidation of some α -hydroxy acids in acetic acid-water medium, <i>Der Pharmacia Lettre</i> , 2015 , 7 (11), 100-106
35	Subash, A., Malik, V.S., Shafi, S.S., Mansoor, S.S., Kinetics and mechanism of oxidation of some α -hydroxy acids by triethylammonium fluorochromate in presence of picolinic acid catalyst in aqueous acetic acid media, <i>Der Pharma Chemica</i> , 2015 , 7(11):299-306
36	Vannamuthu, I, Malik, V.S., Shafi, S.S., Mansoor, S.S., Studies on the Kinetics of Oxidation of 4-Oxo-4-phenylbutanoic Acid by Benzimidazolium Fluorochromate in the Presence of Oxalic Acid in Acetic Acid-Water Medium, <i>Chemical Science Transactions</i> , 2015 , 4(3), 694-703
37	Mansoor, S. S. , Shafi, S. S, Oxidation of methionine by tetraethylammonium chlorochromate in non-aqueous media – A kinetic and mechanistic study. <i>Arabian Journal of Chemistry</i> , 2015 , 8(4) 480–486.
38	Ghashang, M., Mansoor, S. S. , Aswin, K, Synthesis and <i>in vitro</i> microbiological evaluation of novel series of 8-hydroxy-2-(2-oxo-2 <i>H</i> chromen-3-yl)-5-phenyl-3 <i>H</i> -chromeno[2,3- <i>d</i>]pyrimidin-4(5 <i>H</i>)-one derivatives catalyzed by reusable Silica-bonded N-propylpiperazine sulfamic acid. <i>Research on Chemical Intermediate</i> , 2015 , 41 (5) 3117-3133.
39	Ghashang, M., Mansoor, S. S. , Aswin, K, Synthesis of 2,3-dihydroquinazolin 4(1H)-ones catalyzed by Succinimide-N-sulfonic acid as a mild and efficient catalyst. <i>Research on Chemical Intermediates</i> , 2015 , 41 (6) 3447-3460.
40	Ghashang, M., Mansoor, S. S. , Aswin, K., Sudhan, S. P. N, Poly(4-vinylpyridinium) hydrogen sulfate as an efficient and convenient catalyst for a three-component synthesis of 7-methyl-10-aryl-10 <i>H</i> -5,8-dioxa-benzo[<i>b</i>]fluoren-9,11-diones. <i>Research on Chemical Intermediates</i> , 2015 , 41 (8) 5239-5251.

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41	Ghashang, M., Mansoor, S. S. , Logaiya, K., Aswin, K, 2015. An appropriate one-pot synthesis of 4-aryl-2-naphthalen-2-yl-5H-indeno[1,2-b]pyridin-5-ones using thiourea dioxide as an efficient and reusable organo catalyst, <i>Research on Chemical Intermediates</i> , 2015 , 41 (9) 6325-6338.
42	Aswin, K., Mansoor, S. S. , Ahmed, R. N, Phospho sulfonic acid catalysed mild and efficient synthesis of 2,3-dihydroquinazolin-4(1H)-ones in aqueous ethanol Medium. <i>Journal of Indian Chemical Society</i> , 2015 , 92 367-374
43	Mansoor, S. S. , Ariffin, A., Sudhan, S. P. N, Silica-bonded N-propylpiperazine sodium N-propionate as an efficient recyclable catalyst for the one-pot synthesis of 2-amino-4-aryl-4H, 8H-6-methyl-8-oxo-pyrano[3,2-b]pyran derivatives. <i>Research on Chemical Intermediates</i> , 2015 , 41 (9) 6687-6705.
44	Mansoor, S. S. , Ghashang, M., Aswin, K, 2015. Facile one-pot synthesis of a novel series of 7-aryl-8H-benzo[h]indeno[1,2-b]quinoline-8-one derivatives catalysed by tribromomelamine. <i>Research on Chemical Intermediates</i> , 2015 , 41 (10) 6907-6926.
45	Aswin, K., Ghashang, M., Mansoor, S.S , An efficient synthesis of 4-aryl-7-benzylidene-hexahydro-2H-cyclopenta[d]pyrimidin-2-ones/thiones catalyzed by p-dodecylbenzenesulfonic acid. <i>Iranian Journal of Catalysis</i> , 2015 , 5(2) 175-182
46	Malik, V. S., Vannamuthu, I., Shafi, S. S., Mansoor, S. S , Kinetics and mechanistic approach to the benzimidazolium fluorochromate oxidation of indole-2-aldehyde in various percentages of acetic acid and water mixture. <i>Oriental Journal of Chemistry</i> , 2015 , 31(1) 77-83.
47	Malik, V. S., Vannamuthu, I., Shafi, S. S., Mansoor, S. S , Studies on the kinetics of benzimidazolium fluorochromate oxidation of pyridine 2-aldehyde in aqueous acetic acid medium. <i>Chemical Science Transactions</i> , 2015 , 4(2) 523-533.
48	Mansoor, S. S. , Logaiya, K., Sudhan, S.P.N., Aswin, K, Succinimide-N-sulfonic acid as an efficient recyclable catalyst for the synthesis of some fused indolo pyrano pyrimidinone derivatives, <i>Bulletin of the Chemical Society of Ethiopia</i> , 2015 , 29(3) 457-471.
49	Mansoor, S. S. , Logaiya, K., Aswin, K., Sudhan, P. N, An appropriate one-pot synthesis of 3,4-dihydropyrano[c]chromenes and 6-amino-5-cyano-4-aryl-2-methyl-4H-pyrans using thiourea dioxide as an efficient and reusable organocatalyst in aqueous medium. <i>Journal of Taibah University for Science</i> , 2015 , 9, 213–226
50	Mansoor, S. S. , Aswin, K., Logaiya, K., Sudhan, S.P.N, An efficient synthesis of β -amino ketone compounds through one-pot three-component Mannich-type reactions using bismuth nitrate as catalyst. <i>Journal of Saudi Chemical Society</i> , 2015 , 379-386.

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51	Mansoor, S. S. , Ghashang, M, Synthesis of a novel series of 7-hydroxy-10-aryl 10H-indeno[1,2-b]chromen-11-ones, indeno[1,2-b] naphtho[1,2-e] pyran-12(13H) - one and indeno[1,2-b]naphtho[3,2-e]pyran-5,11,13-trione catalyzed by reusable polyvinyl polypyrrolidone-supported triflic acid. <i>Research on Chemical Intermediates</i> , 2015 , 41 (11) 9085-9100.
52	Ghashang, M., Mansoor, S. S. , Aswin, K, Use of silica gel-supported aluminium chloride as reusable catalyst for expeditious synthesis of a novel series of 11 amino-12-aryl-hexahydro-5-oxa-6,13-diaza- indeno [1,2-b] anthracene derivatives. <i>Research on Chemical Intermediates</i> . 2015 , 41 (9), 6665-6686.
53	Mansoor, S. S. , Ghashang, M, An appropriate one-pot synthesis of dihydropyrano[2, 3-c]pyrazoles and 2-amino-3-cyano-7-hydroxy-4-substituted-4H-chromene derivatives using thiourea dioxide as an efficient and reusable organocatalyst. <i>Journal of Indian Chemical Society</i> , 2015 , 92 (9), 1449 - 1459.
54	Vannamuthu, I., Malik, V. S., Shafi, S. S., Mansoor, S. S , Kinetics and mechanism of oxidation of 4-oxo-4-phenyl butanoic acid by benzimidazolium fluorochromate in presence of 1,10-phenanthroline catalyst in acetic acid-water medium. <i>Der Pharmacia Lettre</i> , 2015 , 7 (3) 96-103
55	Vannamuthu, I., Malik, V. S., Shafi, S. S., Mansoor, S. S , Studies on the kinetics of oxidation of 4-oxo-4-phenyl butanoic acid by benzimidazolium fluorochromate in the presence of oxalic acid in acetic acid water medium. <i>Chemical Science Transactions</i> , 2015 , 4(3) 694-703.
56	Ghashang, M., Kargar, M., Shafiee, M.R.M., Mansoor, S.S., Fazlinia, A., Esfandiari, H., CuO Nano-structures Prepared in <i>Rosmarinus Officinalis</i> Leaves Extract Medium: Efficient Catalysts for the Aqueous Media Preparation of Dihydropyrano[3, 2-c]chromene Derivatives, <i>Recent Patents on Nanotechnology</i> , 2015 , 9 (3), 204-211
57	Logaiya, K., Sudhan, S.P.N., Ramadoss, H., Mansoor, S.S., Facile synthesis of β -amino ketones via direct Mannich-type reaction catalysed by Zirconium oxychloride, <i>Der Pharmacia Lettre</i> , 2016 , 8 (6), 193-196.
58	Ramadoss, H., Saravanan, D., Sudhan, S.P.N., Mansoor, S.S., Synthesis and biological evaluation of some novel isatin derivatives as antimicrobial agents, <i>Der Pharma Chemica</i> , 2016, 8(1), 94-98
59	Ramadoss, H., Saravanan, D., Sudhan, S.P.N., Mansoor, S.S., Synthesis and antimicrobial evaluation of diversely substituted spirooxindole derivatives, <i>Der Pharmacia Lettre</i> , 2016 , 8 (1):25-29
60	Shanthi, S., Mansoor, S.S., Kinetic study for the oxidation of <i>dl</i> -mandelic acid by tripropylammonium fluorochromate in the absence and presence of picolinic acid and 1,10-phenanthroline, <i>Journal of Indian Chemical Society</i> , 2016 , 93 (10), 1159 – 1168

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61	Mansoor, S. S. , Aswin, K., Logaiya, K., Sudhan, S. P. N, An efficient one-pot three-component synthesis of α -amino nitriles via Strecker reaction catalysed by Bismuth(III) Nitrate. <i>Journal of Saudi Chemical Society</i> , 2016 , S202-S210.
62	Mansoor, S. S. , Aswin, K., Logaiya, K., Sudhan, S. P. N, ZrOCl ₂ .8H ₂ O: An efficient and recyclable catalyst for the three-component synthesis of amidoalkyl naphthols under solvent-free conditions. <i>Journal of Saudi Chemical Society</i> , 2016 , 138-150.
63	Ghashang, M., Solaree, L. S., Mansoor, S. S , 2016. Multi-component, one-pot, aqueous media preparation of dihydropyrano[3, 2-c]chromene derivatives over MgO nanoplates as an efficient catalyst. <i>Iranian Journal of Catalysis</i> , 2016 , 6 (3), 237-243
64	Malik, V. S., Asghar, B. H., Mansoor, S. S , Kinetics and mechanism of oxidation of some methoxy benzaldehydes by benzimidazolium fluorochromate in aqueous acetic acid medium. <i>Journal of Taibah University for Science</i> , 2016 , 10, 131-138.
65	Ghashang, M., Mansoor, S. S. , Shafiee, M. R. M., Kargar, M., Biregan, M. N., Azimi, F, Green chemistry preparation of MgO nanopowders: efficient catalyst for the synthesis of thiochromeno[4,3-b]pyran and thiopyrano[4,3-b]pyran derivatives. <i>Journal of Sulfur Chemistry</i> , 2016 , 37, 377-390.
66	Mansoor, S. S. , Ahmed, S. Z., Shafi, S. S, Correlation analysis of reactivity in the oxidation of methionine by benzimidazolium fluorochromate in different mole fractions of acetic acid–water mixture. <i>Arabian Journal of Chemistry</i> , 2016 , S557-S563
67	Mansoor, S. S. , Shafi, S. S, Correlation analysis of reactivity in the oxidation of some organic diols by tripropylammonium fluoro chromate in non-aqueous media. <i>Arabian Journal of Chemistry</i> , 2016 , S602-S609.
68	Mansoor, S. S. , Shafi, S. S., Ahmed, S. Z, 2016. An efficient one-pot synthesis of 3,4-dihydropyrimidines via a Lewis base catalyzed three component Biginelli-type reaction under solvent-free conditions. <i>Arabian Journal of Chemistry</i> , 2016 , S846-S851
69	Vannamuthu, I., Malik, V. S., Shafi, S. S, Mansoor, S. S , Kinetics and thermodynamics of oxidation of 4-oxo-4-phenylbutanoic acid by benzimidazolium fluorochromate in acetic acid-water medium. <i>Journal of Indian Chemical Society</i> , 2016 , 93 (10), 1169 – 1174
70	Malik, V. S., Vannamuthu, I., Shafi, S. S, Mansoor, S. S , Kinetics and mechanism of oxidation of some heterocyclic aldehydes by benzimidazolium fluorochromate in aqueous acetic acid medium. <i>Journal of Indian Chemical Society</i> , 2016 , 93 (12), 1357 – 1364

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71	Sudhan, P. N., Mansoor, S. S. , Facile synthesis and antimicrobial activity of a novel series of 7,8-dihydro-2-(2-oxo-2Hchromen-3-yl)-5-aryl-cyclopenta[b]pyrano-pyrimidine-4,6-5H-dione derivatives catalyzed by reusable silica-bonded N-propyldiethylenetriamine sulfamic acid. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2016 , 21, 1-9.
72	Mansoor, S. S. , Aswin, K., Logaiya, K., Sudhan, S. P. N., Ramadoss, H, Melamine Trisulfonic Acid : A new, efficient and reusable catalyst for the synthesis of some fused pyranopyrrole derivatives. <i>Journal of Saudi Chemical Society</i> , 2016 , S393-S400.
73	Mansoor, S. S. , Aswin, K., Logaiya, K., Sudhan, S. P. N, [Bmim]BF ₄ ionic liquid: An efficient reaction medium for the one-pot multi-component synthesis of 2-amino-4,6-diphenylpyridine-3-carbonitrile derivatives, <i>Journal of Saudi Chemical Society</i> . 2016 , 517-522
74	Mansoor, S. S. , Aswin, K., Logaiya, K., Sudhan, S. P. N, Bismuth nitrate as an efficient recyclable catalyst for the one-pot multi component synthesis of 1,4-dihydropyridine derivatives through unsymmetrical Hantzsch reaction. <i>Journal of Saudi Chemical Society</i> , 2016 , S100-S108
75	Jabir, S., Asghar, B.H., Mansoor, S.S., Kinetics and Thermodynamics of Oxidation of Some <i>meta</i> -substituted Anilines by Tetra butyl ammonium Bromochromate in Aqueous Acetic Acid Medium, <i>Oriental Journal of Chemistry</i> , 2017 , 33(1), 288-295.
76	Mansoor, S. S. , Shafi, S. S., Ahmed, S. Z, Correlation analysis of reactivity in the oxidation of some para- substituted Benzhydrols by Triethyl ammonium chlorochromate in Non-aqueous Media, <i>Arabian Journal of Chemistry</i> , 2017 , S1129-S1137.
77	Bahramian, F., Fazlinia, A., Mansoor, S.S., Ghashang, M., Azimi, F., Biregan, M.N., Preparation of 3,4,5-substituted furan-2(5H)-ones using HY Zeolite nano-powder as an efficient catalyst, <i>Research on Chemical Intermediate</i> , 2017 , DOI 10.1007/s11164-016-2476-0
78	Ghashang, M., Mansoor, S. S. , Aswin, K, Succinimide-N-sulfonic acid: As an efficient and recyclable catalyst for the one-pot synthesis of tetrahydro benzo[c]acridine-8(7H)-one derivatives. <i>Journal of Saudi Chemical Society</i> , 2017 , S44-S51.
79	Ramadoss, H., Kiyani, H., Mansoor, S. S. , Triphenylphosphine catalysed facile multicomponent synthesis of 2-amino-3-cyano-6-methyl-4-aryl-4H-pyrans. <i>Iranian Journal of Chemistry and Chemical Engineering</i> , 2017 , 36, 19 – 26.
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4.2 Detail of patents.

NIL

4.3 List of Books/Reports/Chapters/General articles etc. (Author, Chapter Title, Book Title, Publisher, Year, ISBN/ISSN)

NIL

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