

# SDM COLLEGE OF ENGINEERING & TECHNOLOGY, DHARWAD

## DEPARTMENT OF CHEMISTRY

### 1. Publications in National and International journals:

**2015-16**

SI No	Title of the Paper	Author(s)	Name and Vol. of Journal & Year	National /International
1	Influence of Zinc oxide nanoparticles on structural and electrical properties of polyvinyl alcohol films”	Rashmi S. H., Abhishek Raizada, G. M. Madhu, A. A. Kittur, R. Suresh, Sudhina H. K.	International Journal of Plastics, Rubber and Composites, Vol 44, No 1, pp 33-39. <b>2015</b>	International
2	Enhancement of pervaporation performance of composite membranes through in situ generation of silver nano particles in poly vinyl alcohol matrix.	A. A. Kittur, H. G. Premakshi, A. M. Sajjan and M.Y. Kariduraganavar	Journal of Applied Polymer Science, <b>2015</b> .	International
3	Synthesis of novel 2- alkyl-4-yl-N-(5-thiophen-2-ylmethyl- {1,3,4}thiadiazol-2-yl)-acetamide derivatives as potent local anaesthetic agents	Dr. N. Shashidhar	International Journal of Chemical & Pharmaceutical Science Vol -6 (1) Page: 41-45, <b>March-2015</b>	International
4	Synthesis of novel 5- {[2-(4-fluorobenzyl)-6-arylimidazo[2,1-b] [1,3,4]thiadiazol-5-yl] methylene} thiazolidine-2,4-diones as potent Antidiabetic agents	Dr. N. Shashidhar	International Journal of Science & Engineering applications Vol-4 (2) Page: 24-29 March- April <b>2015</b>	International
5	Synthesis, characterization & study of electrical properties of polyaniline-NiO Nanocomposites	Dr. N. Shashidhar	International Journal of Research in Engineering & Applied Sciences Vol:5 (7) Page No: 36-45 July- <b>2015</b>	International
6	Microwave absorption of Polypyrrole synthesized using different oxidants	Dr. N. Shashidhar	International Journal of Research in Engineering & Applied Sciences Vol:5 (10) Page No: 66-70 Oct- <b>2015</b>	International
7	An overview of food processing industries in India.	Dr.Mohammed Shafi Phaniband	International Journal of Psychology and education Issue 1. 2321-8606, <b>Sept.(2015)</b>	International

## 2016-17

SI No	Title of the Paper	Author(s)	Name and Vol. of Journal & Year	National /International
1	Extraction of chitin from prawn shell and preparation of chitin	Rashmi S. H., Mahendra, Basavraj B., Krishnaji M., A. A. Kittur	Research journal of Chemical and Environmental Sciences Vol. 4(4S) <b>Nov.2016</b> , 70-73	National
2	Modified graphene for supercapacitor study	A. A. Kittur	International Journal of Engineering, Management and Applied Sciences <b>August 2016</b> , Volume 4, Issue 8.	International
3	New metal based antimicrobial and antitubercular agents with their cytotoxicity evaluation derived from 2-amino-5-hydroxyphenyl-1,3,4-thiadiazoles.	Mrs. A. M. Tatagar	International Journal of Recent Scientific Research. Vol. 7, Issue, 4, pp. 10132-10139 <b>April, 2016</b>	International
4	New metal based antimicrobial and antitubercular agents with their cytotoxicity evaluation derived from 2-amino-5-hydroxyphenyl-1,3,4-thiadiazoles.	Dr.Mohammed Shafi Phaniband	International Journal of Recent Scientific Research. Vol. 7, Issue, 4, pp. 10132-10139 <b>April, 2016</b>	International

## 2017-18

SI No	Title of the Paper	Author(s)	Name and Vol. of Journal & Year	National /International
1	Analysis of physico-Chemical parameters of sacred Nuggikeri lake, Dharwad (Karnataka) & Removal of TDS from water using Natural adsorbent	Mrs. Asma. M. Tatagar	International Research Journal of Engineering and Technology Vol.6, Issue 8 Aug. - 2017	International
2	Catalysed oxidation of allopurinol by DPC(III) complex in aq. Alkaline medium: a kinetic approach.	Mrs. Asma. M. Tatagar	World journal of Pharmaceutical Research .Vol.6 ISS 14, 148-1164 Oct. 2017	International
3	Morphology and Sensor Property of Olyaniline/Cuceo2 nanocomposites	Dr. N. Shashidhar	International Journal of Current Advanced Research Vol 6, Issue 12, pp 8249-8256, <b>December 2017</b>	International
4	Synthesis and Processing Analysis of Polymers for Biomedical Applications	Dr. A.A.Kittur	Journal of Scientific & Engineering Research Volume 9, Issue 4, ISSN 2229-5518 - <b>April-2018</b>	Synthesis and Processing Analysis of Polymers for Biomedical Applications

5	APPLICATION OF IRON OXIDE NANOPARTICLES IN THE ADSORPTION OF CHROMIUM (VI) AND COPPER (II)	Dr. N. Shashidar	International Journal of Current Research Vol 10, Issue 2, pp 65995-65999, <b>Feb. 2018</b>	International
6	Synthesis and Processing Analysis of Polymers for Biomedical Applications	Mrs. Sahana Nayak	Journal of Scientific & Engineering Research Volume 9, Issue 4, ISSN 2229-5518 - <b>April-2018</b>	International
7	Use of Nanoadsorbents and Nanogel for the environmental waste water treatment	Mrs. A. M. Tatagar	International Journal Vol 24 Number 2 Advance Science letter-2018	International
8	Structural mechanical and electrical property evaluation of nano cadmium oxide polyvinyl alcohol composites	Dr. A.A.Kittur	International journal of plastic technology, 22 (2018) 41-55	International
9	“Polymeric Nanocomposites For Dehydration Of Isopropyl Alcohol–Water Mixtures By Pervaporation”	Dr. A.A.Kittur	Journal of chemistry and chemical Technology, Vol. 12, No. 3, pp. 310–317 – <b>2018</b>	International
10	Green Synthesis and Morphology of Nano Yttria Mediated by Agaricus bisporus	Dr. N. Shashidhar	Asian Journal of Chemistry; Vol. 31, No. 4, pp 834-838, <b>2019</b>	National
11	Polyaniline Nanofiber Embedded with Y <sub>2</sub> O <sub>3</sub> Composites Doped with Dodecyl Benzene Sulfonic Acid, Characterization and Electrical Properties	Dr. N. Shashidhar	Bulletin of Pure and Applied Sciences. Vol.38 C, No.2, pp158-171, <b>2019</b>	National
12	Determination of thermodynamics parameters of Ru(III) catalysed oxidation of allupurinol by Cu(III) periodato complex in alkaline medium: a kinetic studies	Asma M Tatagar	World journal of pharmaceutical Research Volume 8, Issue12,1287-1300 <b>2019</b>	International
13	Elimination of Methylene Blue dye and Cd(III) ions from aqueous solution using Iron oxide nanoparticle: an approach towards remediation of industrial effluent	Asma M Tatagar	Pollution Research-38(Nov suppl. Issue)S112-118, <b>2019</b>	International