

DEPARTMENT OF CHEMICAL ENGG
SCOPUS INDEXED PUBLICATIONS 2014-15 to 2020-21

SL NO	NAME OF THE FACULTY	PUBLICATION DETAILS (IEEE FORMAT)
2020-21		
1	Ujwal Shreenag Meda	Ujwal Shreenag Meda, Kashinath Kiragi, Radhakrishna; Use of nano materials to enhance the properties of pavement concrete: A Review; Journal of Seybold Report; Vol. 15, Issue 9, September 2020, Pages 3442 - 3449, ISSN: 1533-9211.
2	Jagadish H Patil	Jagadish H Patil, Karthik K V, M A Lourdu Antony Raj, Raviraj Kusanur, Ujwal Shreenag Meda and Vinutha Moses “Facile Synthesis of Metal Oxide Composites for Elimination of Chromium and Arsenic from the Synthetic Effluent”, Journal of Seybold Report, Vol. 15, Issue 7, July 2020, pp. 1269-1283, ISSN: 1533-9211.
3	Jagadish H Patil	Jagadish H Patil, Vishnu V Bhaskar, D Ranganath, R Suresh “A Review on Synthesis Methods of Lithium Nickel Cobalt Aluminum Oxide Cathode Material for Lithium ion Batteries”, Journal of Seybold Report, Vol. 15, Issue 8, August 2020, pp. 1522-1535, ISSN: 1533-9211.
4	Vinutha Moses	Jagadish H Patil, Vinutha Moses, R Suresh, Chetan N, R Neelakandan, Soumya C “Effects of Heat and Mass Transfer on Electroless Gold Plating”, Journal of Seybold Report, Vol. 15, Issue 8, August 2020, pp. 1666-1678, ISSN: 1533-9211.
5	Jagadish H Patil	Jagadish H Patil, Prakash Binnal, Rajashekhara Sannaranga “Production of Biodiesel Using Bombaxy Ceibia Seeds”, Journal of Seybold Report, Vol. 23, Issue 4, August 2020, pp. 723-730, ISSN: 1533-9211
6	Jagadish H Patil	Jagadish H Patil, Seema Sakkara, KrishnaVenkatesha, Roopa Reddy, G.S.Nagananda, Murlidhar Meghwal, NarendraReddy “Characterization of crosslinked macrotyloma Uniflorum(Horsegram) protein films for packaging and medical applications”, Polymer Testing, Vol. 91, August 2020, pp. 1-9, ISSN: 0142-9418, https://doi.org/10.1016/j.polymertesting.2020.106794
7	Vidya C	C. Vidya, C. Manjunatha, M Sudeep, S. Ashoka, M. A. Lourdu Antony Raj "Photo-assisted mineralisation of titan yellow dye using ZnO nanorods synthesised via environmental benign route", Applied Science, March 2020, https://doi.org/10.1007/s42452-020-2537-2
8	Vidya C	Vidya C. Manjunatha, N. Srinivasa, S. Samriddhi, C. Vidya, S. Ashoka, "Studies on anion-induced structural transformations of iron(III) oxide micro-nanostructures and their oxygen evolution reaction performance", June 2020, e/sssacie https://doi.org/10.1016/j.solidstatesciences.2020.106314
9	Basavaraja R J	Veerbhadra, S., Dr Basavaraja, R. J. “Graphene-based Adsorbents for the Removal of Water Contaminants: A Review”, Journal of Seybold Report, Vol. 15, Issue 7, July 2020, ISSN: 1533-9211
10	Muralidhara P L	Swathi P R, Dr Muralidhara P L, Narendra Kumar S, and Lingayya Hiremath . “Characterization and Treatment of Pharmaceutical Wastewater using Trickle Bed Reactor”, Journal of Seybold Report, Vol. 15, Issue 7, July 2020, ISSN: 1533-9211
11	M A Lourdu Antony Raj	Shreya Vidiyala, M A Lourdu Antony Raj , Ujwal Shreenag Meda . “Energy from Wastewater: Microbial Fuel Cells - A Review”, Journal of Seybold Report, Vol. 15, Issue 8, Aug. 2020, ISSN: 1533-9211

12	Rajalakshmi. Mudbidre	P. Hadimani ¹ , H. N. Narasimha Murthy and R. Mudbidre “Processing and Characterization of Polyphenylene Ether/Polystyrene/Nylon-6 Ternary Blend”, International polymer processing, 2020
13	Rajalakshmi. Mudbidre	P. Hadimani, H. N. Narasimha Murthy and R. Mudbidre, “Thermal and mechanical properties of glass fibre reinforced polyphenylene ether/polystyrene/nylon-6 ternary blends”, Polymers and polymer composites, 2020
14	Jagadish H Patil	Seema Sakkara, Divya Nataraj, Krishna Venkatesh, Yixiang Xu and Narendra Reddy “Effect of pH on the physicochemical properties of starch films “Journal of Applied Polymer Science, 2019, pp. 48563(1-7), ISSN: 2395-4725. DOI: 10.1002/app.48563
15	R Suresh	R. V. Kavitha, Suresh R, Makam V Roshan, Arjun S Pejathaya, Rhea Harish, Sanjana Karthik, “Construction of Biomass Reaction for Halobacterium Salinarum NRC-1 using whole genome sequence”, Journal for advanced research in applied sciences, 2020
16	R Suresh	Sanjawadmath, V., Suresh, R., Vishwanatha Rao, A.N., Nayak, D.P, “Construction of Biomass Reaction for Halobacterium Salinarum NRC-1 using whole genome sequence”, Lecture Notes in Electrical Engineering, 2020
17	R Suresh	Lingayya Hiremath, Narendra Kumar S, Praveen Kumar Gupta, Ajeet Kumar Srivastava ¹ , Shreya Choudhary ¹ , Suresh R and Keshamma E, “Synthesis, Characterization of TiO ₂ Doped Nanofibres and Investigation on their Antimicrobial Property”, Journal of Pure and Applied Microbiology, 2020
2019-20		
1	R Suresh	Lingayya, Narendra, Praveen Kumar, Ajeet Kumar, Shreya, Keshamma,” Synthesis, Characterization of TiO ₂ Doped Nanofibres and Investigation on their Antimicrobial Property, Vol. 13, Issue 4, Dec 2019, pp. 2129-2140, ISSN: 2581-690X.
2018-19		
1	Vinutha Moses	Glen Cletus DSouza ,Vinutha moses, N Chetan, Sowmya C Mahadevaiah, Lourdu Antony Raj, “Environmental Effect Studies on Aviation Contrails and cirrus clouds”, International Journal by the Society of Higher Education Institutes on Environment, 2018 , ISSN 2586-8861
2017-18		
1	Vinutha Moses	Anusha M, Vinutha Moses, Lourdu Antony raj, ”Short communication :Enhanced Biological Phosphorus Removal” Emerging trends in Chemical engineering, vol 4, issue 3, ISSN 2349-4786
2016-17		
1	Jagadish H Patil	Jagadish H Patil, H N Pradeep, Naman Shroff, Yashvardhan Bagri “Value Addition to Bagasse: An Agricultural Waste for Production of Xylitol by Fermentation Process using Aspergillus Niger”, Asian Journal of Chemistry, Vol. 29, No. 1, (2017) October 2016, pp 229-230
2	Ujwal Shreenag	Ujwal Shreenag Meda, M A Lourdu Antony Raj, Jagadish H Patil, K Prateek Kumar, Ajay S Kundar, K J Abhijith, Hemanth Gowda “Development of Polymeric layer on Anode for Enhanced Hydrogen Generation in Microbial Electrolysis Cell”, Asian Journal of Chemistry, Vol. 29, No. 1 (2017) October 2016, pp 226-228
3	Vidya C	C vidhya ,M N chandraprabha, Antony Raj, “Green mediated synthesis of zinc oxide nanoparticles for the photocatalytic degradation of Rose Bengal dye”, Environmental Nanotechnology, Monitoring & Management 6 (2016) 134–138
4	R Suresh	T.K.Subramanyam, Shilpa.G.D., S.S Omprakash, R.Suresh and B.S.Satyanarayana ³ , “Study and Optimization Optical and Electrical properties of the p, i and n- Layers of Single Junction a:Si-H Solar cell in an Indigenously Developed PECVD Cluster System”, International Journal of ChemTech Research, Vol.9, No.01 pp 185-191, 2016

2015-16

1	Basavaraja R J	Basavaraja, R. J. and Jayanti, S. Viability of Fuel Switching of a Gas-fired Power Plant Operating in Chemical-Looping Combustion Mode. <i>Energy</i> , 81, 213-221.
2	Basavaraja R J	Basavaraja, R. J. and Jayanti, S. Comparative Analysis of four Gas-Fired, Carbon Capture-enabled Power Plant Lay-outs. <i>J. Clean Technol. and Environ. Policy</i> .
3	Basavaraja R J	Jayanti, S. Syngas-fueled, chemical-looping combustion-based power plant lay-out for clean energy generation. <i>Clean Techn Environ Policy</i> (2015) 17:237–247, DOI 10.1007/s10098-014-0781-0

2014-15

1	Jagadish H Patil	Jagadish H Patil, MAL AntonyRaj, Shankar B B, Mahesh Kumar Shetty and B P Pradeep Kumar “Anaerobic co-digestion of water hyacinth and sheep waste”, <i>Energy Procedia</i> 52(2014), pp 572-578, published by Elsevier, (doi: 10.1016/j.egypro.2014.07.112)
2	R Suresh	Dr. R Suresh, G M Madhu, A. A Kittur, A. Raizada, H K Sudina and Rashmi S H, “Influence of zinc oxide nanoparticles on structural and electrical properties of polyvinyl alcohol films”, <i>Plastics, Rubber and Composites</i> , 2014