



International Journal	National Journal	International/National Conferences
26	7	20

Publications

Academic Year 2021-22

1. Ashima Srivastava, Kirti Srivastava, Pratibha Singh & Pratibha Singh, “ Application of Continuous Electrocoagulation Process for Distillery Wastewater Treatment”, Journal of Scientific & Industrial Research, Vol. No. 80, Page No. 486-490,Aug. 2021,IF: 1.056 ,DOI: <http://nopr.niscair.res.in/handle/123456789/57929>,(WoS).

Academic Year 2020-21

1. Roli Verma , Pratibha Singh , Savitha H.S , Pratibha Singh , Ashima Srivastava and R.S.Jagadish, “Bioremediation of Distillery Wastewater by sequential anaerobic and aerobic treatment in pilot scale bioreactor”, International Journal of Rivers and Lakes, Vol. No. 14, Issue No. 1, Page No. 33-42,June2021,IF: 1.0 DOI: https://www.ripublication.com/ijlr21/ijlrv14n1_03.pdf (WoS)
2. K.Srivastava, A. Srivastava, P.Singh, V.Sharma, P.Singh , ‘Remediation of Distillery Waste water using Zero Valent iron Particles”,Current Research in Green Sustainable Chemistry , Vol. No.4,IF: 6.04,Apr. 2021,DOI: <https://doi.org/10.1016/j.crgsc.2021.100072>, (WoS)
3. Pratibha Singh Ashima Srivastava, , Pratibha Singh, Nupoor Srivastava, “ Electricity Optimization in Microbial Fuel Cell of Distillery Wastewater, Vermicompost and Escherichia coli”, Journal of Scientific & Industrial Research ,Vol.No. 79, Page No. 736-739, August 2020, IF:1.056, DOI: <http://nopr.niscair.res.in/bitstream/123456789/55210/1/JSIR%2079%288%29%20736-739.pdf> (WoS)

4. K. S. Siddegowda B. Mahesh N. A. Chamaraja B. Roopashree N. Kumara Swamy G. S. Nanjundaswamy, " Zinc Oxide Nanoparticles Supported on Multi-walled Carbon Nanotube Modified Electrode for Electrochemical Sensing of a Fluoroquinolone Drug", *Electroanalysis*, Vol.No.32, IssueNo.10, Pages 2183-2192, Oct.2020, IF: 2.544 , DOI: <https://doi.org/10.1002/elan.202000010> (WoS)
5. Nanjundaswamy G S Mahesh B, Channe Gowda D, Chamaraja N A & Gangadhar Angadi, " Examination of miscibility characteristics of the synthetic plastic-mimetic peptide with polyacrylamide: development of nonwoven mats by electrospinning ", *Polymer-Plastics Technology and Materials*, Oct.2020, IF:2.63, DOI: <https://doi.org/10.1080/25740881.2020.1811322> (WoS)

Academic Year 2019-20

1. Nigam Ahuja, N. , Ansari A.A. , Rajput R. and Pratibha Singh, "Synthesis and Characterization of Zero Valent Iron Nanoparticles for Textile Wastewater Treatment", *Pollution*, Vol. 6,issue 4,page no. 773-783, June 2020,IF: 8.071, DOI: 10.22059/poll.2020.296735.740 (WoS.)
2. Pratibha Singh. , Srivastava, A. , Srivastava, N. , Sharma V. , Ghildyal D. , Upadhyay A. and Singh P., "Utilization of Algal Consortium to Produce Biofuels and Byproducts For Reducing Pollution load", *Pollution*, Vol. No. 6, issue No.2, Page No.353-366, April 2020, DOI: 10.22059/poll.2020.292916.714. (WoS).
3. Vivek sharma,Sandeep Gupta, Asha Upadhyay, Pratibha Singh, "Concept of Algal Biorefinery: A step towards Energy Independence", *High Technology letters*, Feb2020 ,IF: 2.7, DOI: <http://www.gjstx-e.cn/> (Scopus).
4. Pratibha Singh, Ashima Srivastava, Kirti Srivastava, Pratibha Singh, Divya Ghildyal, Nupoor Srivastava and Asha Upadhyay, "Application Of Microbial Fuel Cell For Electricity Generation By Utilizing Different Wastewater", *Poll Res.*, VolNo. 39, IssueNo. 1, Page No.118-123,Jan2020, IF: .52,DOI: http://www.envirobiotechjournals.com/article_abstract.php?aid=10403&iid=300&jid=4 (Scopus)
5. Mahesh B, Kathyayani D, Nanjundaswamy G S, Gowda DC and Sridhar R, "Miscibility studies of plastic-mimetic polypeptide with Hydroxy propyl methyl cellulose blends and generation of non-woven fabrics", *Carbohydrate Polymers*, Vol.

No. 212, Page No. 129-141, Dec. 2019, IF:, DOI:
<https://doi.org/10.1016/j.carbpol.2019.02.042> (WoS).

6. Mahesh B, Nanjundaswamy G S, Gowda DC and Kathyayani, "Impact of Blend Proportion on the Miscibility and Thermal Characteristics of Synthetic Plastic-Derived Polypentapeptide with Commercially Available Polyvinyl Alcohol", Journal of Polymers and the Environment, Vol.No. 27, Issue No. 10, Pages 2267–2280. Sep. 2019, IF: 2.572 , DOI: <https://doi.org/10.1007/s10924-019-01511-1> (WoS)

Academic Year 2018-19

1. Naveen Awasthi, Atul Kumar, Urvashi Srivastava, Kirti Srivastava & Rajeev K. Shukla, " Excess volume and surface tension of some flavoured binary alcohols at temperatures 298.15, 308.15 and 318.15 K", Physics and Chemistry of Liquids, Vol.No. 56, Issue No.6, Oct. 2018, IF:.517, DOI:
<https://doi.org/10.1080/00319104.2018.1531409> (WoS)
2. Mahesh B, Nanjundaswamy G S, Gowda DC and Siddaramaiah, "Synthesis and evaluation of interaction parameters of synthetic elastin-derived polypentapeptide with poly(vinylpyrrolidone) in solution and solid phase", Journal of Applied Polymer Science, Vol.No. 135, Issue No.39, Sept. 2018), 46699 IF: 2.93., DOI:
<https://doi.org/10.1002/app.46699> (WoS)
3. Nanjundaswamy G S, Mahesh B, and Gowda DC, "Elastin-based polymer; synthesis, characterization and examination of its miscibility characteristics with polyvinylalcohol and electrospinning of the miscible blends", Polymer International , Vol.No. 67, Issue No.11, pageno. 1511-1522, July 2018, IF:2.574, DOI:
<https://doi.org/10.1002/pi.5669> (WoS)
4. Roli Verma, Kirti srivastava and R. S. Jagadish, " Self repairing bioconcrete: A better living", Int J Pharma Bio Sci ,Vol.No.9, Issue No. 3, Page No. 185-190, July 2018 , IF:7.446, DOI: <http://dx.doi.org/10.22376/ijpbs.2018.9.3.b185-190> (Scopus)
5. Pratibha Singh, Saurabh Yadav, Deepika Singh, Divya Guildyal, "Evaluation and Performance Analysis of Car Driven By Solar Energy", International Journal of Engineering Research, Volume No.7, Issue No.(Special) 4, pageno. 422-425, July 2018, ISSN:2319-6890 (online), 2347-5013(print).

6. Pratibha Singh, Noopur Srivastava, Pratibha Singh, "Treatment Of Distillery astewater By Continuous Electrocoagulation Process", International Journal of Engineering Research, Volume No.7, Issue No.Special 4,Page No.413-418,July2018, ISSN:2319-6890 (online),2347-5013(print).
7. Kunal Sharma, Pratibha Singh , "Evaluation and Analysis of the Projected Pathway of Global Warming Targets Matter", International Journal of Engineering Research, Volume No.7, Issue Special 4,Page No.409-412, July2018, ISSN:2319-6890 (online),2347-5013(print)
8. Divya Guildyal, Roli Verma, Utpal Mishra, Pratibha Singh, "Utilization of Piezoelectric Material for Energy Harvesting", International Journal of Engineering Research, Volume No.7, issueno. Special 4,pageno.364-365, July2018, ISSN:2319-6890 (online) ,2347-5013(print)

Academic Year 2017-18

1. Pratibha Singh, Noopar Srivastava and Divya Ghildiyal, "Optimization of process parameters for treatment of pulp and paper mill waste water with FeCl₃ and iron nanoparticles", Int J Pharma Bio Sci Int J Pharma Bio Sci, ;Vol. No. 9, Issue No.2,Page No. 30-37,April2018, IF:7.446, doi: <http://dx.doi.org/10.22376/ijpbs.2018.9.2.b30-37> (Scopus)
2. Pratibha Singh, Noopur Srivastava and RSJagadish, "Effects of Pulp and Paper Mill Effluents on Seedling Growth of Wheat (Triticum Aestivum)", International Journal of Innovative Research and Technology Vol. No. 4(4), Page No. 146-148, Dec. 2017.
3. RKShukla, Atul Kumar, Naveen Awasthi, Urvashi Srivastava and Kirti Srivastava,"Speed of sound and isentropic compressibility of benzonitrile, chlorobenzene, benzyl chloride and benzyl alcohol with benzene from various models at temperature range 298.15–313.15K", Arabian Journal of Chemistry, Vol. No. 10,Issue7,Page No.895-905, Nov.2017, IF: 4.672, DOI: <https://doi.org/10.1016/j.arabjc.2014.07.013>(WoS,Scopus)
4. Mahesh B, Nanjundaswamy G S, Gowda DC and Siddaramaiah "Investigation on miscibility behaviorsof elastin-like polypentapeptideblends with polyvinyl alcohol in aqueous and solid state" Journal of Applied Polymer Science, Volume 134, Issue 12, 44624, Nov. 2017, IF: 3.125 ,DOI: [https://doi.org/10.1002/app.44624\(WoS\)](https://doi.org/10.1002/app.44624).
5. Mahesh B, Nanjundaswamy G S, Gowda DC and Siddaramaiah "Synthesis of elastin-based polymerand evaluation of its intermolecularinteractions with

- hydroxypropylmethylcellulose”, Journal of Applied Polymer Science, Vol. No. 134, Issue 36, 45283, Oct.-2017, IF: 3.125, <https://doi.org/10.1002/app.45283>. (WoS)
6. Pratibha Singh, Noopur Srivastava and RSJagadish, “Toxicity Removal of Pulp and Paper Mill Effluent by Employing Chemicals”, International Journal of Applied Science, Vol No. 6(2), Page No. 62-69, Nov. 2017.DOI: 10.21013/jas.v6.n2.p5
 7. Pratibha Singh Ashima Srivastava, “ Electricity generation by microbial fuel cell using pulp and paper mill wastewater, vermicompost and Escherichia coli”, Indian Journal of Biotechnology, Vol. No.16,Page No.211-217,Sept.2017,IF:.414, DOI: <http://nopr.niscair.res.in/handle/123456789/42921>
 8. Pratibha Singh Ashima Srivastava, “Generation of electricity by using nonmediated fuel cell by utilizing different types of waste water”, JSIR, Vol.No. 76,Issue No.8, page No.512-514 ,sept.2017,IF: 1.056 (WoS,Scopus)

Academic Year 2016-17

1. Kirti Srivasta, Ashima Srivastava, Pratibha Singh, “ Eco-friendly Approach to Build Road by Using Waste Plastics”, International Journal of Innovative Research and technology, Vol.No.4,Page No.115-118,Apr.2017,IF: .76
2. R.K. Shukla, Atul Kumar, Urvashi Srivastava, Kirti Srivastava, Vivek K. Pandey, “Interpretation of Association Behavior and Molecular Interactions in Binary Mixture from Thermoacoustics and Molecular Compression Data”, International Journal of Thermophysics, Vol.No.37,Issue No.9,July2016,IF: .794,DOI 10.1007/s10765-016-2096-3, (WoS,Scopus).
3. Pratibha Singh, Preeti Jain, Roli Verma, R.S. Jagadish, “Characterization of lignin peroxidase from Paecilomyces species for decolorisation of pulp and paper mill effluent”, Journal of Scientific and Industrial Research, Vol. No. 75,Issue No.8, Page No. 500-505, IF: 1.056, Sept.-2016 (WoS, Scopus)

Academic Year 2015-16

1. Atul Kumar, Urvashi Srivastava, Arun K. Singh, Kirti Srivastava and Rajeev K. Shukla, “Sound Velocity and Isentropic Compressibility of binary Liquid Systems from various Theoretical Models at Temperature range 293.15 to 313.15K”, Canadian chemical Transaction,Vol.No.4,Issue No. 2,Page No.157-167,

March2016,DOI:10.13179/canchemtrans.2016.04.02.0279ISSN:2291-6466<https://canchemtrans.ca/uploads/journals/CCT-2016-0279.pdf>(PUBMED).

2. Roli Verma, Ashima Srivastava, Pratibha Singh, and R S Jagadish, “Strategies for Synthesis and Application of Self Repairing Materials to Increase Durability of Polymeric Materials”, International Journal of Pharma and Biosciences, Vol. No. 6(3):(B), Page No. 857-868, IF:7.446, Aug.-2015 (SCOPUS)