DEPARTMENT OF BIOTECHNOLOGY R.V. COLLEGE OF ENGINEERING, BENGALURU – 560 059

(An Autonomous Institution affiliated to VTU, Belagavi)

LIST OF FACULTY JOURNAL PUBLICATIONS 2012 – 2018

2018

Neeta Shivakumar and PushpaAgrawal, "The effect of chemical mutagens upon morphological characters of ginger (*Zingiberofficinale*) in M0 generation" Asian Journal of Microbiology, Biotechnology and Environmental Sciences. Vol20, 126-135, 2018.

2017

Trilokchandran B, PushpaAgrawal and V Krishna "Scale-Up Studies on Microfiltration of Bacterial Broth Containing L-Asparaginase Enzyme" International Journal of Innovative and Emerging Research in Engineering, 4(2), 2017.

Sharma Ashwani,GokareAswathanarayanaRavishankar, ParvatamGiridhar "Silver nitrate and 2-(N-morpholine) ethane sulphonic acid in culture medium promotes rapid shoot regeneration from the proximal zone of the leaf of *Capsicum frutescens*Mill". Plant Cell Tiss Organ Cult., 2017.

LingayyaHiremath, Vijakumar G, Narendra Kumar S and Gorden Bloch (Fleming College, Canada) "Biosynthesis of magnetite nanoparticles from weed plants and their utilization in waste water treatment" Asian Journal of Environmental Biotechnology, Nanotechnology, 17(02),129-136, 2017.

Ajeet Kumar Srivastava, A V Narayan, Praveen Kumar Gupta, LingayyaHiremath, Narendra Kumar S. "Green liquor pretreatment for the enhancement of enzymatic saccharification of rice husk for ethanol production" International journal of advanced research. 5(10), 139-143, 2017.

Narendra Kumar S, Ajeet Kumar Srivastava, Praveen Kumar Gupta, LingayyaHiremath, "Industrial Purification Strategies for Monoclonal Antibodies", Research Journal of Pharmacy and Technology, 10(10), 1827-1832, 2017.

Ajeet Kumar Srivastava, A V Narayan, Praveen Kumar Gupta, LingayyaHiremath, and Narendra Kumar S. "Solvent-based delignification of Rice straw for efficient enzymatic hydrolysis of cellulose and Bioethanol Production". International Journal of Innovative Research in Science Engineering and Technology, 6(8), 16963-6966, 2017.

PushpaAgrawal and A H Manjunatha Reddy, "Novelty of Data mining technique for Bioinformatics approach". Journal of Environmental Research And Development, 11(4), 755-758, 2017.

NeelimaRathi, KeerthanaHarwalkar, Jayashree V,**Ashwani Sharma and Nagashree N Rao.** 2-Hydroxy-4-Methoxybenzaldehyde, an astounding food flavoring metabolite: a review. Asian Journal of Pharmaceutical and Clinical research, 10(10). 105-110. 2017

Narendra Kumar S. "Concentration of lead and cadmium in common vegetables consumed in Bangalore and the health effects". International Journal of Advanced Research, 5(9), 979-982, 2017.

RajashreeShettar, **VidyaNiranjan**, V Uday Kumar Reddy "Virtual Supercomputer Using Volunteer Computing" Design and Use of Virtualization Technology in Cloud Computing, 1(1), 28- 115, 2017.

S Sunil, KB Ramesh, **VidyaNiranjan** "Detection of Rheumatic Arthritis Disease Based on Genomic Analysis by Applying Wavelet transform", Journal of Signal Processing, 2(3), 1-6, 2017.

Utpal S TatuShubaVarshiniAlampalli, Akshay C Uttarkar, SuchithraVentakesh, Sivarajan T Chettinar, Rishi Kumar Nageshan, **VidyaNiranjan** "Genome Resequencing Reveals Single Nucleotide Polymorphism and Repeat Regions in Giardia lamblia Indian Isolate" Next Generation Sequencing and Applications, 4(3), 2-6, 2017.

VidyaNiranjan. "Detection of Rheumatic Arthritis Disease Based on Genomic Analysis by Applying Wavelet transform", Journal of signal Processing, 3(2) 1-6, 2017

Praveen Kumar Gupta, Prabha Hedge and **Pushpa Agrawal.** "Value addition of orange fruit wastes in the enzymatic production of xylooligosaccharides". African Journal of Biotechnology, 16 (24), 1324-1330, 2017.

Harish KJ, Vani M,ThippaReddy KS,**Raju H, Manjunatha Reedy A H.** "Assessment and interpretation of the water quality of the selected water bodies in Mysore city in relation to the type of effluent being discharged, using Water Quality Index" Journal of Water Research 13(8), 348-353, 2017.

PushpaAgrawal, "Scale-Up Studies on Microfiltration of Bacterial Broth Containing L-Asparaginase Enzyme" International Journal of Innovative and Emerging Research in Engineering, 4 (2), 62-67, 2017.

PushpaAgrawal, Prabha Hedge, **Praveen Kumar Gupta**"Polyphenols - a useful biomaterial: a review" International Journal of Environmental Research and Development 10(03), 547-554, 2017.

PushpaAgrawal, Praveen K` Gupta, Prabha HedgeXylooligosaccharide - a valuable material from waste to taste: a review. International journal of environmental Research and Development. 7(3), 488-496, 2017.

PushpaAgrawal and A.H. Manjunatha Reddy, "Biosorption – An advanced and economical method for heavy metal removal: A review", International Research Journal of Life Sciences, 2 (2), 43-49, 2017.

PushpaAgrawal, Trilokchandran B, Krishna V. "Media optimization and growth parameters for the production of L-asparaginase enzyme from bacterial isolate", Journal of Chemical and Pharmaceutical Research, 8(8), 223-228, 2016.

PushpaAgrawal and A.H. Manjunatha Reddy,Biosorption – An advanced and economical method for heavy metal removal: A review, Research Journal of Life Sciences, 2, 43-49, 2017

LingayyaHiremath, Narendra Kumar S, Vijaya Kumar G Gordon Blach, "Green Synthesis of Magnetite Nanoparticles for treatment of polluted water", Asian Journal of Microbiology Biotechnology Environmental Science, 17(2), 129-136, 2017.

Praveen Kumar Gupta, PushpaAgrawal,PrabhaHegde, "Extraction of Xyloloigosaccharides by using Aspergillusniger from orange wastes", International Journal of PharmTech Research, Vol.7, No.3, 488-496. 2017.

NeelimaRathi, **Nagashree N Rao,**SeemaDwivedi, "Impact of Elicitors in the improvement of Glycyrrhizin production in the cell suspension cultures of *Glycyrrhizaglabra* L" Biochem cell Arch, 17, (01) 367-371. 2017.

NeelimaRathi, **Nagashree N Rao**, SeemaDwivedi, Saritaarya, I D Arya "Optimization of media constituents for regeneration via callus cultures of *Glycyrrhizaglabra* L an endangered plant" Biochem cell Arch, 17, 01, 389-398. 2017.

Ashwani Sharma,GokareAswathanarayanaRavishankar, ParvatamGiridhar, "Silver nitrate and 2-(N-morpholine)ethane sulphonic acid in culture medium promotes rapid shoot regeneration from the proximal zone of the leaf of *Capsicum frutescens* Mill" Plant cell Tissue organ culture, 2017. 129(1) 175-180. 2017.

Trilokchandran B, PushpaAgrawal, V Krishna, "Scale-Up Studies on Microfiltration of Bacterial Broth Containing L-Asparaginase Enzyme", International Journal of Innovative and Emerging Research in Engineering, 4, 2, 62-68. 2017.

Trilokchandran B, Agrawal P and Krishna V."Screening studies of microbial species for L-Asparaginase production" Journal of Environmental Research and Development 10(04), 712-717, 2016.

Narayan A.V and Srivastava A. K, "Recovery of bioactive compounds from tomato wastes - conventional vs. emerging technologies: a review", Journal of Environmental Research And Development 10(3), 542-545, 2016.

Vidyashree S, VijayaHolla, Vivek A., Krupashankara M. S and **Nagashree N. Rao,** "Evaluation of oilsorption properties of kapok fiber for cooking oils: a potential check for oil-ridden wastewater from restaurants", 3(3), 15-22, 2016.

PushpaAgrawal,NavalePrakash M. and Thippareddy K. S. "Biodegradable eco-friendly dishware from Leaf biomass", Journal of Environmental Research And Development 11(01), 20-27, 2016.

SamprathaB.NavalePrakash M. and Thippareddy K. S and **Agrawal P.** "Silk thin film for cell and tissue growth" Journal of Environmental Research And Development 11(01), 72-79, 2016.

Raghu.M.G, **PushpaAgrawal**, "Review on Justiciagendarussa and its applications", International Journal of Advanced Scientific Research and Publications, 2 (1), 05-08, 2016.

Nagashree N Rao and Ashwani Sharma, "Micropropagation and elucidation studies in aloe vera" Asian Journal of Pharmaceutical and Clinical Research 9(5), 1-7, 2016.

Shivandappa, PushpaAgrawal and V Krishna. "Standardization of media Composition and Culture Conditions for the Growth of Botrycoccusbraunii." Journal of Environmental Research And Development, 10(4), 664-673, 2016.

PushpaAgrawal, "Value addition of orange fruit wastes in the enzymatic production of xylo oligosaccharides" African Journal of Biotechnology, 16(24), 1324-1330, 2016.

Archana V. Pawar, **A. H. ManjunathaReddy** "Transcriptome profiling of genes that govern the pigment systems of Bombyxmori variant Dazao", ABAH Bioflux Vol.08 (2), 39-52, 2016.

Anjali Shenoy, Shree Padma M, Bhargav D Sanketi., **Sumathra M** "Immobilization of Carbonic Anhydrase: A Review." Research & Reviews: A Journal of Biotechnology, 6 (3), 10-18. 2016.

Trilokchandran B,PushpaAgrawal "Screening studies of microbial species for L-asparaginase production" International Journal of Environmental Research and Development. Vol. 10, Issue. 4, 712-717. 2016.

2015

LingayyaHiremath, Narendrakumar S Ravishankar H N and SwathiAngadi "Design, Screening and Microbial Synthesis of Bio-polymers of Poly-Hydroxy-Butyrate (PHB) from lost Carbon Sources" International Journal of Advanced Research, 3(2), 420-425, 2015.

Praveen Kumar Gupta, UllhasKaarthi, Saranya, Vidyashree, Aayush "Effect of grape extract on growth of yeast and bacteria" International Journal of Advance Research in Engineering, Science & Technology, 2(5), 2394-24442015.

Praveen Kumar Gupta, PushpaAgrawal, PrabhaHegde, "Extraction of Xylooligosaccharides by using Aspergillusniger from orange wastes" International Journal of PharmTech Research, Vol.7(3), pp. 488-496, 2015.

PrabhaHegde, **PushpaAgrawal**, **Praveen Kumar Gupta**, "Isolation and optimization of polyphenols from the peels of orange fruit" Journal of Chemical and Pharmaceutical, Vol. 8(3),1-6, 2015.

Sadiya H., SowmyaMenon, PushpaAgrawal and A.H. Manjunatha Reddy, "Biosorption-An advanced and economical method for heavy metal removal: A review", Research Journal of Life Sciences, (2)43-49, 2015

Praveen Kumar Gupta, UllhasKaarthi, Saranya, Vidyashree, Aayush "Effect of grape extract on growth of yeast and bacteria" International Journal of Advance Research in Engineering, Science & Technology, 2(5), 2015.

Praveen Kumar Gupta, PushpaAgrawal, PrabhaHegde, "Extraction of Xyloloigosaccharides by using Aspergillusniger from orange wastes" International Journal of PharmTech Research, Vol.7(3),488-496, 2015.

Raghu M.G. and **PushpaAgrawal**"Phytoconstituents, anti microbial and anti fungal Activity of methanol Extracts of JusticaGendarussa" International journal of Innovative Pharmaceutical Sciences and Research, 3 (6)1-9, 2015.

Lingayya Hiremath, Vijaya Kumar G and Satyanarayan, "Exploitation of live fungus (*Aspergillusniger* RV-11) for Bioremediation of Heavy metals from E-waste", International Journal of Chemical and Environmental Engineering, 6(3), 184-189, 2015.

Praveen Kumar Gupta, PushpaAgrawal, PrabhaHegde, "Extraction of Xyloloigosaccharides by using Aspergillusniger from orange wastes" International Journal of PharmTech Research, 7(3),488-496, 2015.

PrabhaHegde, **PushpaAgrawal**, **Praveen Kumar Gupta**, "Isolation and optimization of polyphenols from the peels of orange fruit" Journal of Chemical and Pharmaceutical, 8(3), 1-6, 2015.

PushpaAgrawal and Prabha Hedge, "Polyphenols - a useful biomaterial: a review", International Journal of Environmental Research and Development, 10(3), 547-554, 2015.

Mahesh R, Ramya K, Ashok Kumar H G, Satyanaryana S "Synthesis and characterization of 2-mercapto-N-

methyl imidazole substituted benzimidazole derivatives and investigation of their effect on production of Plantlets in Oncidium Gower Ramsey. Afri J Biotech, 14 (15), 1297-1303, 2015.

Narayan A.Vand Srivastava A. K, "Recovery of bioactive compounds from tomato wastes - conventional vs. emerging technologies : a review", Journal of Environmental Research And Development 10 (3), 542-545,2015.

Neeta Shivakumar, "In vitro evaluation of anticancer and antimicrobial activity of selected medicinal plants for breast cancer", International Journal of Scientific research, (4), 627-630, 2015

Neeta Shivakumar, In vitro evaluation of anticancer and anti-oxidant activity of Poly Herbal Formulations for breast cancer, International Journal of Advanced Scientific Research, 2(1), 14-17. 2015.

Praveen Kumar Gupta PushpaAgrawal, PrabhaHegde, "Isolation and optimization of polyphenols from the peels of orange fruit", Journal of Chemical and Pharmaceutical Sciences, 8(3), 1-6, 2015.

Praveen Kumar Gupta, PushpaAgrawal, PrabhaHegde, "Extraction of Xylo oligosaccharides by using Aspergillusniger from orange wastes" International Journal of PharmTech Research, 7(3), 488-496, 2015.

PushpaAgrawal and A HManjunatha Reddy, Biosorption – An advanced and economical method for heavy metal removal: A review, International Research Journal of Life Sciences, 2(2), 43-49, 2015.

ShikhaKumari and **VidyaNiranjan**PriyankaPadia, KajalKumari, "Screening Of Unique Binding Site Specific Ligand For Carbonic Anhydrase Ix", International Journal of Pharmaceutical sciences and Research, 6(11), 4772-4778, 2015.

E T PuttaiahPriyankaPremnath,K B Ramesh, **VidyaNiranjan**, P Mallikarjunaswamy, "Design and Development of programming framework utilizing Biomarkers for Characterization of Rheumatic Arthritis Disease" International Journal of Advanced Research in Computer and Communication Engineering, 4(7), 80-84, 2015.

PriyankaPremnath, KB Ramesh, **VidyaNiranjan**, BP Mallikarjunaswamy, ET Puttaiah "Novel Biomarkers for Diagnosis of Rheumatic Arthritis" International journal of computer science and mobile applications, 4(6), 121-125, 2015.

2014

PushpaAgrawal, Karan Mehta, PoojaVashisth, B.G. Sudarshan, PreethiBhat and B.V. Goutham Vishnu, "Green synthesis of silver nanoparticles and their application in dental filling material." International Journal of Innovative Research in Science, Engineering and Technology,3(6),13038-13052, 2014.

PushpaAgrawal, Amrutha A and Shruti R "Synthesis of an active antimicrobial packaging material based on the bio-switch model" International Journal of Innovative Research in Science, Engineering and Technology,3(5),12800-12809, 2014.

PushpaAgrawal, B S Satyanarayana, Ranganath D, Avinash Kumar, NiharikaGarg, Prannoy Seth, Puja Agarwal and B V Goutham Vishnu, "Synthesis of bio-nano composite film and their application in filtration and sterilization of heat labile materials." International Journal of Innovative Research in Science, Engineering and Technology, 3(5), 12815-12825, 2014.

Umesh T G,**Nagashree N. Rao**. "An efficient and improved method of inplanta transformation in Arachishypogaea", International journal of life sciences Biotechnology and Pharma research,3(4)166-173 2014.

Umesh T G, **Ashwani Sharma and Nagashree N Rao**. "Regeneration potential and major metabolite analysis in nootrophic plant Bacopamonnieri (L)" Asian Journal ofPharmaClin Res.7(1) 134-136 2014.

- **G Vijaya Kumar**, V Krishna, Sukumar Roy and **PushpaAgrawal**. "Purification of coagulant proteins from Moringaoleifera using nanostructured zirconium as a bioadsorbent," International Journal of Innovative Research in Science, Engineering and Technology,3(5),12702-12708,2014.
- **G Vijaya Kumar**, V Krishna, Sukumar Roy and **PushpaAgrawal**. "Design of continuous fixed bed column for adsorption of Bovine Serum Albumin on nanostructured alumina based on Batch adsorption studies," International Journal of Advanced Research, 2(5), 729-737, 2014.

Ajeet Kumar Srivastava, PushpaAgrawal and Abdul Rahiman, "Pretreatment and production of bioethanol

from different Lignocelluosic biomass," International Journal of Advanced Research, 2 (4), 888-896, 2014.

Niranjan V and Malini V, "Antimicrobial resistance pattern in E. coli causing urinary tract infection among inpatients" Indian Journal of Medicinal Research 139(8), 945-948, 2014.

G Vijay Kumar, PushpaAgrawal, V Krishna and Sukumar Roy, "Purification of α -amylase from Tinosporacardifolia (Gudachi) using nano ceramic materials as a bio adsorbent." International Journal of Chemical Engineering Research, 6 (1),11-18, 2014.

Ajeet Kumar Srivastava, PushpaAgrawal, Abdul Rahiman, "Delignification of Rice Husk and Production of Bioethanol," International Journal of Innovative Research in Science, Engineering and Technology, 3(3),10187-10194. 2014.

Rajeshwari M and PushpaAgrawal, "Continuous biosorption of Arsenic by Moringaolefera in A Packed Column". International Journal of ChemTechRes.6(7), 4274-4290, 2014.

Akshay Kumar R, Neetushree, R.M., KrithikaBadarinath, **H.N. Ravi Shankar**, UtpalS.Tatu, "Evaluation of selected medicinal plants for their in vitro activity against trypanosomiasis", International Journal of Engineering Research and Development, 9(9), 35-42, 2014.

Naveen Shankar, ArunPanchapakesan, SuhasBhandaria, **H. N. Ravishankar**, "Simultaneous cellulose hydrolysis and bio-electricity generation in a mediator less Microbial Fuel Cell using a Bacillus flexus strain isolated from wastewater", Research in Biotechnology, 5(1), 6-12, 2014.

V Uday Kumar Reddy, RajashreeShettar, **VidyaNiranjan**, "De Novo Assembly in Your Own Lab: Virtual Supercomputer Using Volunteer Computing", British Journal of Research, 1(1), 028-038, 2014.

Ramakrishnan G. S, Kamath M. M, and **Niranjan V.** "Increasing Microbial Biofuel Production by In-silico Comparative Genomic Studies". International Journal of Bioscience, Biochemistry and Bioinformatics, 4 (5), 386-390, 2014.

NishkaRanjan and **A.H. Manjunatha Reddy**, "Nano world: A novel path for modern drug delivery", Applied Mechanics and Materials, 421(4), 123-128, 2014.

AgrawalPushpa, Pandey C Subhash and **A.H. Manjunatha Reddy**, 2014. Development of liquid formulation for dual purpose of crop protection and production, J. Environ. Res. Develop, 8(3), 378-383, 2014.

Ashok Kumar H G, Amy Tsu Ku, **PushpaAgrawal**, Mahesh S and K-W Yeh. "Protuberance-mediated high frequency of adventitious shoot regeneration from sweet potato leaf explants [*Ipomoeabatatas* (L.) Lam.]"BioTechnologia9(4), 445-450, 2014.

2013

AgrawalPushpa, B.V. Goutham Vishnu and Thippa Reddy K.S., Preparation of nano silk sericin based hydrogels from silk industry waste, International J. Environ. Res. Develop., 8(2), 243-253, 2013.

ArchanaKanagi and **Neeta Shivakumar**, "Ginger –Facts and Health Benefits", International journal of Engineering and technology, 2(6), 234-270, 2013.

Neeta Shivakumar, PushpaAgrawal, Praveen Kumar Gupta"Green Pharmacy: An Alternative and Complementary Medicine", International Journal of Pharmaceutical Sciences and Research4(2), 574-580, 2013.

Neeta Shivakumar,Sukanya R, Poornima S. "Future and Prospects of Biochips", Innovare journal of Engineering and Technology, 2(1), 5-9, 2013.

Ramya R, **Neeta Shivakumar,** "Design of TALEN to Edit the Genome of *Burkholderia*Glumae" International journal of advanced engineering and communication sciences, 3(3) 27-33, 2014,

M. Rajeswari, PushpaAgrawal. S. Pavithra, Priya, G.R.Sandhya, and G.M.Pavithra "Continuous Biosorption of cadmium by *Moringaolefera* in a packed column" Biotechnology and Bioprocess Engineering18(2), 321-325, 2013.

PavuluriPandurangaRao, YellaNarasimha Reddy, Kapila Ganesh, Shreeja G Nair, **VidyaNiranjan,**Nagendra R

Hegde "Deep sequencing as a method of typing bluetongue virus isolates", Journal of virological methods, 193(2), 314-319, 2013.

Neeta Shivakumar and PushpaAgrawal, "Characterization of the cultivars of ginger for oleoresin content". Applied journal of Advanced Research, 4(2), 65-69, 2013.

Narendra Kumar. S, TrilokChandran B, Sophia Namratha, "Production of theobromine from Psuedomonassp". International Journal of Research pharmacy,4(2), 151-154, 2013.

Arun P, Suhas V. B., Naveen S and Ravishankar H. N., "Study on the Synergistic Action of Cellulase Systems from Trichoderma and Aspergillus Mutants on Carboxy Methyl Cellulose", The Scitech Journal, 1(1), 25-28, 2013.

Ramasamy S Annadurai, RamprasadNeethiraj, VasanthanJayakumar, Anand C Damodaran, SudhaNarayanaRao, Mohan AVSK Katta, SreejaGopinathan, Santosh Prasad Sarma, VanithaSenthilkumar, **VidyaNiranjan**, Ashok Gopinath, Raja C Mugasimangalam "De Novo transcriptome assembly (NGS) of Curcuma longa L. rhizome reveals novel transcripts related to anticancer and antimalarial terpenoids", PloS one, 2(8),1-11, 2013.

R Seenivasagam, K Hemavathi, G Sivakumar, **Vidya Niranjan** "Discovering novel carriers for oral insulin tablets: a pharmacoinformatics approach", International journal of bioinformatics research and applications, 9(2), 184-206, 2013.

Harini P Aiyer and **A.H. Manjunatha Reddy**, "Comparison of diatom community and diatom oil content in the lakes of Bangalore, Journal of Ecology, 10(7), 214-218, 2013.

Harini P Aiyer and **A.H. Manjunatha Reddy**, "Initial studies on diatoms ecology at Kengeri Lake", Advances in Bioresearch, 4(2), 34-37, 2013.

Varsha Kishore, Harini P Aiyer and **A.H. Manjunatha Reddy**, "Biodiesel as a prospective fuel in Karnataka" Global Research Analysis, 2(4), 9-10, 2013.

Jagadish Kumar, D. Harichandana and **A.H. Manjunatha Reddy**, "Economical Synthesis of Magnetic Microbeads", The Journal of Material Science Photon, 11(9), 133-136, 2013.

2012

Pushpa Agrawal, Shushant Bhushan. "Preparation of sericinnano particles from waste of silk industry", International Journal of Science Research, 1(3), 116-120, 2012.

G. Vijaya Kumar, Lingayya Hiremath and Pushpa Agrawal. "Utility of plant cellulose waste for the bioadsorption of brilliant green dye pollutant", International Journal of Chem Tech Res, 4(1), 319-323, 2012.

Gupta Praveen K, Rajeswari M, Agrawal Pushpa, Narendra Kumar S, Anila Rani P, "Isothermal Kinetic and Thermodynamic Studies on Basic Dyes sorption using Rice Husk Carbon", International Journal of Atoms and Molecules, 2(2), 139-148, 2012.

Hema R and **Pushpa Agrawal**. "Production of Hydrogen through Biological Route from waste Biomass". Journal of Environmental Research and Development, 6(3), 415–423, 2012.

Ajeet Kumar Srivastava and Pushpa Agrawal "Cellulose hydrolysis by *Cellulomonasfimi* and ethanol production by *Zymomonasmobilis*", International Journal of Atoms and Molecules, 2(2), 214-222, 2012.

Ajeet Kumar Srivastava and PushpaAgrawal "Saccharification by fungi and ethanol production by bacteria using lignocellulosic materials", International Research Journal of Pharmacy, 3(5), 411-414, 2012.

Ajeet Kumar Srivastava and PushpaAgrawal"Microbial pretreatment of lignocellulosic materials and production of bioethanol", International Journal of Environmental Research and Development, Vol 6(5), 375-380, 2012.

Ajeet Kumar Srivastava and Pushpa Agrawal "Saccharification with Phanerochaete chrysosporium and ethanol production with *Saccharomycescerevisiae*", International Journal of Atoms and Molecules, 2 (4), 321-331, 2012.

Anvita Gupta, Sobha M Rani, **Pushpa Agrawal and Praveen Kumar Gupta**, "Sero-Prevalence of Paratuberculosis (Johne's Disease) in Cattle Population of South-Western Bangalore Using ELISA Kit", Open Journal of Veterinary Medicine – Scientific Research, 2, 196-200, 2012.

Gupta Praveen Kumar, Agrawal Pushpa and Hegde Prabha, "A Review on Xylooligosaccharides", International Research Journal of Pharmacy. 3(8), 71-74, 2012.

Jyothsna P Rao, **Pushpa Agrwal**, Riaz Mahmood, Sankara Rao K, G.R.Reddy, H.J Dechamma, V.V.S. Suryanarayana, "Expression of VPI protein of serotype A and o of foot —and—mouth Disease virus in transgenic Sunhemp plants and its Immunogenicity for guinea pigs". *Actavirologica* 5(6),91-99, 2012.

Vijakumar G, Pushpa Agrawal and Lingayya Hiremath "Utility of plant cellulose waste for biosorption of brilliant blue green textile dye pollutant" International journal of Chem. Tech Research, 4(1), 319-323, 2012.

Lingayya Hiremath, Mahesh S, et al, "An Idea on bacterial laser and bacterial therapy to treat kidney stones" Global Journal Modern Biology & Technology2 (1), 35-38, 2012.

LingayyaHiremath., "Evaluation of photochemical screening & antibacterial activity of aqueous, ethanol extracts of medicinal plants against few common microorganisms" International Journal on VCare for life Science, 2(4), 5-12, 2012.

Praveen Kumar Gupta and Rajeswari, M. "Isothermal, thermodynamics kinetics study of basic dye using rice husk" International Journal of atoms and molecules, 2012.

Anila Rani. P, G.V. Choudari, **Rajeswari, M.** "Production of penicillin Acylase using mutant Escherichia coli strain", International Journal of Bio engineering Science and Technology, 20(12), 122-127, 2012.

Ajeet Kumar Srivastava and Pushpa Agrawal. Cellulose hydrolysis by *Cellulomonasfimi* and ethanol production by *Zymomonas mobilis*, International Journal of Atoms and Molecules, 2(2), 214-222, 2012.

Ajeet Kumar Srivastava and Pushpa Agrawal. Saccharification with *Phanerochaetechrysosporium* and ethanol production with *Saccharomycescerevisiae*, International Journal of Atoms and Molecules, 2(4), 3020–3029, 2012.

Rajeswari. M, Gupta Praveen K, Agrawal Pushpa, Narendra Kumar S and Anila Rani P, Isothermal Kinetic And Thermodynamic Studies On Basic Dyes Sorption Using Rice Husk Carbon., *Journal of Atoms and Molecules.*, 2(2), 139–148, 2012.

Anila Rani P, Choudary G. V, Mahesh S, **Narendra Kumar S, Nagashree N Rao, Praveen Kumar Gupta, Rajeshwari M,** "Production of Penicillin Acylase using mutant Escherichia coli strain", International Journal of Bioengineering Science and Technology,2(4), 122-127,2012.

Narendra Kumar S, Puspha Agrawal, Sujata A S and Bhavana B K, "Fermentation, Media Optimization Studies For Coenzyme Q10 Production By *Saccharomycescerevisiae*", International Journal of Research Pharmacy, 3(1),132-138, 2012.

Anila Rani, Choudary G V, Mahesh S, **Narendra Kumar S, Nagashree N Rao, Praveen Kumar Gupta, and Rajeshwari M,** "Production of PenicilinAcyclase Using Mutant *Escherichiacoli* Strain", International Journal of Bio-Engineering, Science and Technology,3(1), 122-124, 2012.

Sahu G, and **Gupta PK**, "A review on *Bauhiniavariegata* Linn". *International Research Journal of Pharmacy*. 3(1), 48-51, 2012

A.V.Narayan and Pushpa Agrawal, Enzyme based processes for removal of phenol from waste water: Current status and Future challenges, *Journal of Environmental Research and Development*, 7(2), 724-728,

2012.

S.Thirumala. **A.H.Manjunatha Reddy** and H.B.Aravinda. Air borne fungi diurnal congregation in industrial sectors of Davanagere city, Karnataka, India. International Journal of Engineering Sciences Research, 3(3); 707 – 710, 2012.

S.Thirumala. **A.H.Manjunatha Reddy**, Pradeep Nathu and H.B.Aravinda. Study of Airborne Fungi at Solid Waste Generation Sites of Davanagere City, Karnataka, India. International Journal of Research in Environmental Science and Technology, 2(2); 17 – 21, 2012.