

**International Conference on  
Biodiversity & Sustainable Energy Development**

September 14-15, 2012 Hyderabad International Convention Center, India

# Posters

**Hall-3 Day 1 September 14, 2012**

- P-401** Development of molecularly imprinted polymer based solid phase extraction in combination with simultaneous derivatization and dispersive liquid-liquid microextraction of 3-phenoxybenzoic acid in urine followed by GC-MS analysis  
*Abhishek Chauhan, Indian Institute of Toxicology Research, India*
- P-402** Endophytic actinomycetes from medicinal plants of Southern India and screening for inhibitors of  $\alpha$ -amylase  
*Akshatha J V, University of Mysore, India*
- P-403** Sustainable development: Implication to world peace  
*Anamika Dwivedi, GLA University India*
- P-404** Biofuels – The fuels of the future  
*Aseem Kirtiman Chauhan, Lingaya's University, India*
- P-405** Phytochemical evaluation and anti-oxidant activity of *Remusatia vivipara* (Roxb.) Schott., an edible genus of Araceae  
*Asha D, University of Mysore, India*
- P-406** How might allocation rules affect the differential replication of cultural traits?  
*Balaraju Battu, University of Allahabad, India*
- P-407** Incidence of fungal diseases on seedlings of social forest nursery  
*Bhavana N S, University of Mysore, India*
- P-408** Climate change in the 21st century: Issues of justice  
*C Anita Fabiyola, University of Madras, India*
- P-409** Sustainable energies and their development  
*Chintan Potdar, Gujarat National Law University, India*
- P-410** Phytochemical constituents and antioxidant activity of *Schefflera wallichiana* Harms. (Araliaceae), an epiphytic species of Western Ghats.  
*Deepa R Hebbar, University of Mysore, India*
- P-411** Floral diversity in district Samba of Jammu and Kashmir State  
*Deepu Pandita, Government Education Department, India*
- P-412** Global Warming: Fact or rumour  
*Dhritiraj Sengupta, S. P College, Pune, India*
- P-413** Isolation and identification of potential hydrocarbon degrading bacteria from petroleum contaminated soils  
*M A Rasheed, National Geophysical Research Institute, India*
- P-414** Convention on biological diversity, 1992: An analysis  
*E Prema, University of Madras, India*
- P-415** Combined processes for textile dye effluent treatment: A novel approach  
*Evin Joy, Murali Balaji M C, Srivatsan R, Sathyabama University, India*
- P-416** Land use and land cover change for detection of ghatkesar mandal, ranga reddy district using remote sensing and GIS  
*Farid Khan, JNTUH, India*
- P-417** Pollination ecology of *Buchanania lanzan* (Anacardiaceae)  
*G Ravikumar, Andhra University, India*
- P-418** Symptomatology, host range and physical properties of Brinjal Mosaic Virus (BMV)  
*H N Kamble, Marathwada Krishi Vidyapeeth, India*
- P-419** Medicinally important bioactive compounds from cultivable indigenous edible mushroom *Lentinus Tuberregium* (Fr)  
*J Manjunathan, University of Madras, India*
- P-420** Isolation of a *Pseudomonas aeruginosa* strain from soil that can degrade polyurethane diol  
*Surakshitha. N. C, University of Horticultural Sciences, India*

- P-421** Diversity of antibiotic producing actinomycetes from soil samples of Kodagu District - Karnataka ( India )  
*Khandaan Dezfally Nooshin, University of Mysore, India*
- P-422** Nandan Cleantec Limited: A leading sustainable energy provider  
*Kirandeep Romana, Nandan Cleantec Limited, India*
- P-423** The genus *lentinus* from tamil nadu  
*M Kumar, University of Madras, India*
- P-424** Endophytic fungi from *Zingiber nimmonii* (J. Graham) Dalzell. (Zingiberaceae): An endemic medicinal plant of Western Ghats, Southern India  
*Madhuchhanda Das, University of Mysore, India*
- P-425** Endophytic fungi from *Tabernaemontana heyneana* Wall. (Apocynaceae) and their L-asparaginase activity  
*Manasa, University of Mysore, India*
- P-426** Effect of canopy gaps on the floristic diversity and regeneration of non-timber forest product resources in evergreen forests of central Western Ghats  
*Mohan S, University of Agricultural Sciences, India*
- P-427** Future is in the soil  
*Munnazzar Ahmed, Symbiosis Law School, India*
- P-428** In vitro propagation from nodal explants of *Lobelia nicotianifolia* Roth. ex. Roem and Schult. L. - An endemic medicinal plant  
*Nandini B P, University of Mysore, India*
- P-429** Protection of biological diversity vis-a-vis intellectual property rights: with special reference to the Biological Diversity act, 2002  
*P R L Rajavenkatesan, University of Madras, India*
- P-430** Bioaugmentation of polyethylene succinate contaminated soil with *Pseudomonas* sp AKS2 results in increased microbial activity and better polymer remediation  
*Prosun Tribedi, University of Calcutta, India*
- P-431** Solid waste and water monitoring in Indian zoos with case studies  
*Parimala Vaishnavi T K, Jeevaraksha Animal Welfare Society, India*
- P-432** Title: Role of forest resources to the green economy in the framework of carbon sequestration  
*Pavan Kumar, Banasthali University, India*
- P-433** Utilization of biomass based fuel in a naturally aspirated diesel engine  
*R Prakash, National Institute of Technology, India*
- P-434** Butterflies of Pondicherry  
*S Rajalakshmi, Kanchi Mamunivar Centre for Post Graduate Studies, India*
- P-435** Development of new detection method for trichloroethylene metabolites in human plasma  
*Rajeev Jain, Indian Institute of Toxicology Research, India*
- P-436** Carpenter bee-flower interactions and biodiversity  
*Rashda Zafar, Andhra University, India*
- P-437** Diversity of lichens in Mysore district of Karnataka  
*Rashmi S, University of Mysore, India*
- P-438** Targeted metabolomic profiling of amino acids in human hair samples using gas chromatography-mass spectrometry as an indicator for pesticide exposure  
*Ratnasekhar Ch, Indian Institute of Toxicology Research, India*
- P-439** Development integrated approach for the enhanced degradation of lindane  
*Ritu Singh, Indian Institute of Toxicology Research, India*
- P-440** Palatability and rates of degradation of some important leaf litters with two epigeic earthworms under controlled laboratory conditions  
*S Pattanayak, Raja N L Khan Women's College, India*

- P-441** Warming the climate change affects human health  
*Sagar M Gawande, Pune University, India*
- P-442** Study of agroclimatic conditions of nagarjuna sagar reservoir to reduce vulnerability using sustainable management practices  
*Satyendra Tripathi, Birla Institute of Technology & Science, India*
- P-443** Genetically Modified Organisms (GMOs) and its impact on biodiversity  
*Saravanan A, Symbiosis Law School, India*
- P-444** Ecology of arbuscular mycorrhizal fungi associated with some medicinal plants in Western Ghats of Karnataka region, India  
*Seema H S, University of Mysore, India*
- P-445** Studies on bacterial wilt of Chrysanthemum caused by Erwinia sp.  
*Shamala G, University of Mysore, India*
- P-446** Population estimation of Malabar Pied Hornbill in Shimoga range of Shettihalli Wildlife Sanctuary, Karnataka, India  
*Shrinivas K R, Kuvempu University, India*
- P-447** Infectivity and Efficacy of *Glomus fasciculatum* and *Acaulospora leavis* on the growth and nutritional factors of *Vigna radiate*  
*Smitha K C, University of Mysore, India*
- P-448** Waste to energy- A sustainable solution  
*Snehal M Shinde, Maharashtra Electricity Regulatory Commission, India*
- P-449** Sustainable strategy for municipal sewage recycling: Wise use of wetlands  
*Subhasis Sarkar, Institute of Environmental Studies and Wetland management, India*
- P-450** Isolation of Microbes for Bioremediation of Poultry waste and its Medium Optimization for L-Asparaginase Production by Central Composite Design  
*Sujitha S, St. Michael College of Engineering & Technology, India*

**Hall-3 Day 2 September 15, 2012**

- P-451** Study of hyperaccumulators of copper, cadmium & arsenic from soil and water from Bakar valley region of southern Assam  
*Sunayana Goswami, Assam University, India*
- P-452** Biotransformation of hexavalent chromium by indigenous microbes  
*Sunitha R, Tamil Nadu Agricultural University, India*
- P-453** Process optimization of industrial wastewater treatment using anaerobic fluidized bed reactor  
*T Mohammad Munawar, JNTUACEP, India*
- P-454** The analysis of 20°C and 26°C isotherm variability over Bay of Bengal  
*Tarumay Ghoshal, Indian Institute of Technology Kharagpur, India*
- P-455** Biodiversity and intellectual property rights  
*Ujwal Nandekar, Symbiosis Law School, India*
- P-456** Diversity of Basidiomycetes in different regions of Karnataka (India)  
*Usha N, University of Mysore, India*
- P-457** Monitoring of traffic and its impact on climate using geospatial techniques  
*Vandana Tomar, Banasthali University, India*
- P-458** Assessment of anti-inflammatory activity of *Justicia wynaadensis*, a medicinal plant  
*Vidyabharathi B P, University of Mysore, India*
- P-459** Business initiatives for conservation and enhancement of biodiversity  
*Aditee Potdar, National Institute of Industrial Engineering, India*

- P-460** Examining environmental and biodiversity policies and their implementation in Nigeria  
*Aliyu Ibrahim Kankara, Katsina State University, Nigeria*
- P-461** Business initiatives for conservation and enhancement of biodiversity  
*Annapurna Boruah, Maharaja Sayajirao University of Baroda, India*
- P-462** GIS based groundwater quality analysis of Tiruppur town, Tamilnadu  
*Azhar Sha. Syed, Anna University of Technology, India*
- P-463** Efficacy of various bio-agents and plant extracts against early blight disease of tomato caused by *Alternaria solani*.  
*B B Thomre, Marathwada Krishi Vidyapeeth, India*
- P-464** Integrated nitrogen management practices in safflower (*Carthamus tinctorius* L.) including different sources of organic manures on urease and dehydrogenase activity in soil  
*B Raju, Acharya N. G. Ranga Agricultural University, India*
- P-465** Integrated biodiversity, energy systems and environmental sustainability – Architecture and its impact on health and environment  
*Brishbhanlali Raghuvanshi, School of Planning and Architecture, India*
- P-466** Design and development of floating type biogas digester for power generation  
*Debabrata Barik, National Institute of Technology, India*
- P-467** Bacterial community structure and role of microbes in arsenic mobilization in ground water, West Bengal  
*Dhiraj Paul, Indian Institute of Technology, India*
- P-468** Species richness and distribution of the medicinal plants in the Cebu Institute of Technology University campus  
*Esperanza G Manabat, Cebu Institute of Technology University, Philippines*
- P-469** Effect of environmental factors on chilli fruit rot infection caused by *Colletotrichum capsici*  
*G Darwin, Bapatla Agricultural College, India*
- P-470** Cloning, characterization and expression of an insecticidal crystal protein gene from *Bacillus thuringiensis* isolates of Andaman and Nicobar Islands  
*H M Mahadeva Swamy, IIHR, India*
- P-471** Application of an immobilization technique for the production of protease from *Bacillus subtilis*  
*Harini G Krishna Murthy, India*
- P-472** Role of tribal women in combating climate change by using traditional forest knowledge and fulfilling family care  
*Hemant Prakash Minj, Central University of Jharkhand, India*
- P-473** Solar lighting systems for rural areas  
*Jayaprakash Babu Gundlamadugu, Chaitanya College, India*
- P-474** Studies on LAC insect for conservation of biodiversity in similipal biosphere reserve, Odisha, India  
*Jhilly Mohanta, North Orissa University, India*
- P-475** Diversity of thalloid liverworts and their conservation in Nagaland, India  
*Kazhuhrii Eshuo, Nagaland University, India*
- P-476** Effect of growth promoting and retarding compounds on dry matter production, growth parameters and yield in greengram during rabi  
*K Rajesh, ANGRAU, India*
- P-477** The sources of pollution of hydroecosystems with nutrients and the load of pastures in the catchment areas of the Voghchi and Meghriget rivers, Armenia  
*Karen Grigoryan, Yerevan State University, Armenia*
- P-478** Sustainable bio plastics  
*Krishnaveer Abhishek Challa, Andhra University, India*
- P-479** Simulation of land falling tropical cyclones over the Bay of Bengal using Weather Research and Forecasting (WRF) model  
*Kuvar Satya Singh, IITK, India*

- P-480** **Green building technology: Concepts and practice**  
*Lokesh V, Sri Sai Ram Engineering College, India*
- P-481** **Green building technology: Concepts and practice**  
*M Kiranmai Reddy, GITAM University, India*
- P-482** **Plant diversity and conservation status of the Isabela State University wildlife sanctuary**  
*Ma Visitacion D Guingab, Isabela State University, Philippines*
- P-483** **Induction of resistance in tomato by biotic and abiotic inducers against early blight disease**  
*Manju K, University of Mysore, India*
- P-484** **Global warming and ozone layer depletion**  
*Mohd Ekhalaq Khan, A M U Aligarh, India*
- P-485** **An approach to modelling nitrogen dynamics in intensive shrimp culture pond**  
*Mohd Tanveer, IIT Kharagpur, India*
- P-486** **Global scientific assessments for biodiversity conservation**  
*Nafiseh Jafarzadeh, Macquarie University, Australia*
- P-487** **Indigenous technologies utilized by some local communities in south eastern Nigeria for climate change adaptation**  
*Nnamani C V, Ebonyi State University, Nigeria*
- P-488** **Hydrological modeling of Ken basin using SWAT model**  
*P S Murty, IITR, India*
- P-489** **Biodiversity of Pondicherry mangroves, India**  
*P Satheeshkumar, Central Marine Fisheries Research Institute, India*
- P-490** **High strength coconut fiber boards to replace wood**  
*Padmanaban A G, Government College Of Technology, India*
- P-491** **People's initiative for conservation of forest and natural resources: A success story of Khonoma village forest**  
*Petevino Chase, North Eastern Hill University, India*
- P-492** **Characterization of mineral based waste oil & utilization as a fuel in CI engine**  
*Pritinika Behera, National Institute of Technology, India*
- P-493** **Saving Earth - Sustainable energy, a necessity**  
*Priyanka Karnatak, Aayushi Gupta, Vidushi Uniyal, G B P U A&T, India*
- P-494** **Solar energy-For sustainability**  
*Punit Mishra, Sagar Institute of Science & Technology, India*
- P-495** **Managing blue and green water – A case of Bhopal**  
*Purna Sheolika, School of Planning and Architecture, India*
- P-496** **Utilization of biomass based fuel in a naturally aspirated diesel engine**  
*R Prakash, National Institute of Technology, India*
- P-497** **Design and simulation analysis of solar desalination for sustainable future**  
*Ramkiran, Maulana Azad National Institute of Technology, India*
- P-498** **Green Technology: A driver of sustainable agricultural development**  
*Ravi Kant Sharma, Central University of Gujarat, India*
- P-499** **Warming over eastern India due to land use and land cover changes**  
*S Nayak, IITK, India*
- P-500** **Genetically Modified Organisms (GMOs) and its impact on biodiversity**  
*Sathianachiyar, Madurai Kamaraj University, India*
- P-501** **Synthesis, characterization and arsenic(III) sorption behavior of Cerium Aluminium mixed oxide nanoparticles: An effective sorbent in arsenic remediation**  
*Sayan Bhattacharya, University of Calcutta, India*
- P-502** **Hybridization of power plants for sustainable development taking thermal power generation using husk as fuel as an illustration**  
*Shashank Misra, VIT University, India*

- P-503** Study on the biosorption of synthetic dyes using immobilized fungal biomass and aquatic weeds  
*Siva Shankar Raja, National Institute of Technology, India*
- P-504** A survey of endangered wild life species on the African Continent  
*Suleiman Iguda Ladan, Hassan usman Katsina Polytechnic, Nigeria*
- P-505** Ultra Violet Radiation: Its significance and influence on agricultural crops in India  
*Sunil Singh, S S V I T, India*
- P-506** Governance for sustainable development  
*Rouchi Chaudhary, Swati Bishnoi, Panjab University, India*
- P-507** A Gene-microarray approach to the detection of Recombinant Human Erythropoietin doping in Endurance Athletes  
*Tushar Chatterji, University of Glasgow, United Kingdom*
- P-508** Host range and transmission of Tobacco Streak Virus (TSV) causing cotton mosaic disease  
*Utpal Dey, Marathwada Krishi Vidyapeeth, India*
- P-509** Biodecolorization of dyes and exploration of plant growth promoting potential of bacteria from textile dye industry  
*Meenakshi Kashyap, Zeeshanur Rahman, University of Delhi, India*
- P-510** Algae bio fuel  
*Asams N J, UPES, India*
- P-511** Evaluation of fungicides and bioagents against Pea wilt caused by *Fusarium oxysporum* f. *D P Kuldhar, Marathwada Krishi Vidyapeeth, India*
- P-512** *Psathyrella candolleana* var. *indica* (Agaricales) a new variety from Bangalore, Karnataka state, India  
*Pushpa.H, M.S.Ramaiah College of Arts, Science and Commerce, India*
- P-513** Copper tolerant rhizobacteria for sustainable cultivation of rice  
*Soumitra Nath, Assam University, India*