

4th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS-2009

Date : November 10-12, 2009

Venue - G.B. Pant University of Agriculture and Technology, Pantnagar

AWARDEES

AGRICULTURAL SCIENCES			
	Cat.	Name of the Awardee	Title of Paper
Oral	I	Deepesh Bhatt GB Pant University of Agri. & Tech., Pantnagar	Effect of silver nanoparticles on growth and antioxidant status of <i>Brassica juncea</i> under oxidative stress
	II	Sharad Pandey ICFAI University, Dehradun	Inheritance of erucic acid in Indian mustard
Poster	I	Khushboo Sah VPKAS (ICAR), Almora	Feeding potential of <i>Coccinella septempunctata</i> (Linn.) (Coccinellidae: Coleoptera) on some species of aphids in laboratory
	II	Nirmala Bhatt KVK, GBPUAT, Pithoragarh	Economic implications of a fungus <i>Cordyceps sinensis</i> on scheduled tribes of high altitudes of Pithoragarh, Uttarakhand
BIOTECHNOLOGY, BIOCHEMISTRY & MICROBIOLOGY			
Oral	I	Manoj Singh GB Pant University of Agri. & Tech., Pantnagar	Preparation of nano gold particles labeled antibody probe for developing single step immuno-chromatography assay for diagnosis of quarantined Karnal bunt (<i>Tilletia indica</i>) disease of wheat
	II	Dinesh Pandey GB Pant University of Agri. & Tech., Pantnagar	Probing the involvement of hypersensitive response gene (s) during pathogenesis of Alternaria blight in <i>Brassica juncea</i>
Poster	I	Lokendra Kumar SBS (PG) Institute of Biomedical Science and Research, Dehradun	Partial purification and characterization of a solvent and bleach tolerant cysteine protease produced by a soil isolate <i>Micrococcus</i> sp. P-2 of Uttarakhand Himalaya
	II	Shruti Agarwal DAV (PG) College, Dehradun	To study the phosphate solubilizing efficiency of alkaligenes faecalis
BOTANY			
Oral	I	Shivani Dobhal F.R.I., Dehradun	Screening and Selection of Promising genotypes of <i>Dalbergia sissoo</i>
	II	Seema Manwal Ecology Research lab. Botany Department D.A.V. (P.G) Dehradun	Characteristics of MSW and floristic diversity in the landfill site of Nagar Nigam, Dehradun
Poster	I	Anita Rawat F.R.I., Dehradun	Extraction of DNA from sapwood of <i>Pinus roxburghii</i> for conducting PCR based assays
	II	Manjul Dhiman KLDV (PG) College, Roorkee	Organogenesis in Embryonal explant of <i>Ephedra Gerardiana</i> cultured <i>in vitro</i>
CHEMISTRY			
Oral	I	Rashmi Rani I.I.T., Roorkee	A novel and efficient camphor-based prolinamide organocatalyst for intermolecular direct aldol reaction
	II	Deepak Pant Dolphin (PG) Institute of Biomedical and Natural Science	Chemical recycling of waste compact disc towards polyfunctional compounds utilizing as polyester and polyurethane monomer
Poster	I	D.S. Bisht Kumaun University, Nainital	Antioxidant activity of Phenolic diterpenoids from <i>Nepeta clarkei</i> Hook.f.
	II	Not found suitable	

EARTH SCIENCES INCLUDING GEOLOGY, GEOMORPHOLOGY, GEOPHYSICS & GLACIOLOGY			
Oral	I	No presentations	-
	II	No presentations	-
Poster	I	Vikram Sharma H.N.B. Garhwal University, Srinagar	Morphometric evaluation of sample drainage basin of Pindar river (Higher and Central Himalaya of Uttarakhand)
	II	No presentations	-
ENGINEERING SCIENCE AND TECHNOLOGY			
Oral	I	S. Suresh I.I.T., Roorkee	Kinetic study on removal of Catechol and Resorcinol by Granular activated Carbon
	II	V.A. Patil I.I.T., Roorkee	Analysis of rigid pavement carrying moving load using infinite elements
Poster	I	Not found suitable	-
	II	Not found suitable	-
ENVIRONMENTAL SCIENCE & FORESTRY			
Oral	I	Nanda Nautiyal GB Pant University of Agri. & Tech., Pantnagar	Treatment of arsenic-polluted water through nanofiltration
	II	Deepti Verma F.R.I., Dehradun	<i>Capinus Viminea</i> : An important component of Oak forests, struggling for its existence in Western Himalaya
Poster	I	Mohini Singh Department of Environmental Sciences G.B. Pant University of Agriculture & Technology Pantnagar	Performance study of a fixed-bed biofilm sequencing batch reactor under different operational conditions
	II	B.N. Pandey Govt. PG College, Lansdowne, Pauri	Fule wood and fodder consumption pattern in a part of Garhwal Himalaya
HOME SCIENCE INCLUDING TEXTILE, FOOD, NUTRITION & CHILD DEVELOPMENT			
Oral	I	Ruchi Kholiya GB Pant University of Agri. & Technology, Pantnagar	Unconventional fibers: A boon for industrial development of Uttarakhand
	II	Anupama Mishra GB Pant University of Agri. & Technology, Pantnagar	Application of natural dye extracted from <i>Pseudomonas Fluorescens</i> on textile fibers
Poster	I	Mansi Agarwal GB Pant University of Agri. & Technology, Pantnagar	Microencapsulation: An alternative approach for aromatherapeutic textiles
	II	Anupama Pandey GB Pant University of Agri. & Technology, Pantnagar	Dehydration of potatoes for food uses
MATERIAL SCIENCE & NANO TECHNOLOGY			
Oral	I	Not found suitable	-
	II	Sandeep K. Saxena Indian Institute of Petroleum, Dehradun	Tailoring the textural properties of zeolite for octane upgradation of fuels
Poster	I	Not found suitable	-
	II	Not found suitable	-
MATHEMATICS, STATISTICS & COMPUTER SCIENCE			
Oral	I	Ritu Chandana Graphic Era University, Dehradun	Fuzzy controllers and multi- objective decision making of flexible manufacturing systems
	II	Garima Krishna College of Engineering, Roorkee	Analysis of load distribution in fully connected client server network using artificial neural network
Poster	I	Mangey Ram Graphic Era University, Dehradun	Availability and cost analysis of a parallel redundant complex system with two types of failure under head-of-line repair discipline using Gumbel-Hougaard family copula in repair

	II	Not found suitable	-
MEDICAL SCIENCE INCLUDING PHARMACEUTICAL SCIENCE			
Oral	I	Ruchi Bhatia SBS (PG) Institute of Biomedical Science and Research, Dehradun	Study on effectiveness of transcutaneous electrical nerve stimulator (TENS) in depression patients
	II	N.V. Satheesh Madhav Dehradun Institute of Technology, Dehradun	A novel o/w bio-emulgent from seeds of <i>Zea mays</i>
Poster	I	Richa Gupta SBS (PG) Institute of Biomedical Science and Research, Dehradun	Memory enhancing capacity of small molecules derived from 1-(3-Chloropropoxy)-4-Methylbenzene
	II	M. Chaudhary Shri Guru Ram Rai Institute of Technology and Science, Dehradun	Anticonvulsant activity of novel substituted 4(3H)-Quinazolinones
PHYSICS			
Oral	I	Gagan Dixit GB Pant University of Agri. & Technology, Pantnagar	Structural characterization of nickel ferrite thin films irradiated with 200 MeV Ag ¹⁵⁺ beam
	II	Amita Raizada DAV (PG) College, Dehradun	Geospheric effects of magnetic clouds
Poster	I	Jitendra Pal Singh GB Pant University of Agri. & Technology, Pantnagar	Study of swift heavy ion irradiated nanosized zinc ferrite
	II	Not found suitable	
SCIENCE & SOCIETY INCLUDING SCIENCE POPULARIZATION			
Oral	I	Seema Bhandari Forest Product Division, Forest Research Institute, Dehradun	Functional test for evaluating the performance of cricket bat
	II	Sapna A. Narula GB Pant University of Agri. & Tech., Pantnagar	Empowering farmers through ICT enabled Agricultural Supply Chains in Uttarakhand
Poster	I	No presentation	-
	II	No presentation	-
VETERINARY SCIENCES & ANIMAL HUSBANDRY			
Oral	I	Deepak Kumar GB Pant University of Agri. & Tech., Pantnagar	Identification of meats of different food animals by polymerase chain reaction-restriction fragment length polymorphism (PCR-RFLP) of Mitochondrial Cytochrome-B gene using original primers
	II	Niddhi Arora GB Pant University of Agri. & Tech., Pantnagar	Effect of poly herbal formulation for the control of calf diarrhoea
Poster	I	Dheeraj Kumar Gupta GB Pant University of Agri. & Tech., Pantnagar	In vitro activity of some antibiotics against organisms isolated from milk samples of cows husbanded at high altitude of Uttarakhand
	II	Arun Kumar Madan GB Pant University of Agri. & Tech., Pantnagar	Development of montage for electroencephalography in goats using multiple electrode system
ZOOLOGY			
Oral	I	Manju Thakur Govt. PG College, Rishikesh	Effect of exposure time on the mortality of <i>Cadra Cautella</i> (Walker) life stages infesting walnut exposed to high temperature
	II	Preeti Handa DAV (PG) College, Dehradun	Toxic effect of water soluble fraction (WSF) of diesel on <i>Puntius Ticto</i>
Poster	I	Deepali Rana DBS (PG) College, Dehradun	Further taxonomical notes on <i>Chagunius chagunio</i> from Doon valley

	II	Rakesh Rai DAV (PG) College, Dehradun	Bioecology of a pulmonate snail <i>Physa Acuta</i> Draparnaud (Mollusca: Gastropoda) in Doon valley, Uttarakhand
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