

7th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS-2012

Date: 21-23 November, 2012 Venue: Graphic Era University, Dehradun

Cat.		Name & Address of the Awardees	Abstract Title
1-AGRICULTURAL SCIENCES			
Oral	I	Ankita Jha M.Sc Student Department of Agrometeorology College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar	AN INNOVATIVE APPROACH BASED ON REMOTE SENSING AND CROP SIMULATION MODEL FOR MONITORING YELLOW RUST (PUCCINIA STRIIFORMIS) DISEASE OF WHEAT IN UTTARAKHAND
	II	Anju Arora JRO Department of Genetics and Plant Breeding College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar	MOLECULAR CHARACTERIZATION AND FIELD SCREENING OF CHICKPEA GENOTYPES FOR WILT RESISTANCE
Poster	I	Rajiv Dubey Research Scholar Department of Agronomy College of Agriculture G.B. Pant University of Agriculture and Technology, Pantnagar	STUDIES ON COMPARATIVE EFFICIENCY OF RICE ESTABLISHMENT TECHNIQUES ON PRODUCTIVITY, WEED DYNAMICS AND ECONOMICS UNDER VARIOUS WEED CONTROL MEASURES IN UTTARAKHAND
	II	S.P. Singh Subject Matter Specialist (Plant Protection) Krishi Vigyan Kendra (VPKAS-ICAR) Chinyalisaur Uttarkashi	PRACTICABILITY ANALYSIS AND ECONOMICS OF USING DIFFERENT SUBSTRATES FOR OYSTER MUSHROOM PLEUROTUS DJMORE AND PLEUROTUS SAJOR-CAJU BY WOMAN SELF HELP GROUP IN DISTRICT-UTTRARKASHI, UTTARAKHAND
2-BIOTECHNOLOGY, BIOCHEMISTRY & MICROBIOLOGY			
Oral	I	Madhu Rawat Research Scholar Dept of Molecular Biology & Genetic Engineering C.B.S.H G.B. Pant University of Agriculture & Technology, Pantnagar	ENHANCING CROP PRODUCTIVITY THROUGH THE USE OF FUNCTIONAL NANOPARTICLES
	II	Arun Jugran Research Scholar G.B. Pant Institute of Himalayan Environment and Development Kosi- Katarmal Almora	IS GENETIC DIVERSITY INFLUENCED BY DIVERSITY OF VISITING INSECTS IN V. JATAMANSI ?
Poster	I	Pallavi Shah Research Scholar Department of Molecular Biology and Genetic Engineering College of Basic Sciences and Humanities G.B. Pant University of Agriculture and Technology Pantnagar	OVERCOMING HEPATOTOXICITY INDUCED BY PARACETAMOL AND ALCOHOL IN IN VITRO CELL CULTURE MODEL BY MURRAYA KOENIGII LEAF EXTRACT THROUGH INVESTIGATION OF APOPTOTIC AND ANTIAPOPTOTIC PATHWAYS.
	II	Praveen Kaushik JRF Department of Biotechnology and Biochemistry SBS (PG) Institute of Biomedical Sciences and Research Balawala Dehradun	ESTABLISHMENT OF SOMATIC HYBRID CELL CULTURE BASED BIOREACTOR SYSTEM IN YARSHAGUMBA
3-BOTANY			
Oral	I	Roshni Khare Research Scholar Department of Botany Pt. L.M.S. Government P.G College Rishikesh	CYANOPHYCEAN LICHENS OF HIMALAYA: DIVERSITY, DISTRIBUTION AND ECOLOGICAL PREFERENCES
	II	S.N. Ojha Research Scholar National Bureau of Plant Genetic Resources Bhowali Niglat Nainital	IDENTIFICATION OF SUPERIOR GENOTYPE OF COMMERCIALY IMPORTANT LAMIACEAE GROUP PLANTS IN INDIAN HIMALAYAN REGION (IHR)

7th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS-2012

Date: 21-23 November, 2012 Venue: Graphic Era University, Dehradun

Cat.		Name & Address of the Awardees	Abstract Title
Poster	I	Priyanka Giri Research Scholar Department of Molecular Biology & Genetic Engineering G.B. Pant University of Agriculture and Technology Pantnagar	IDENTIFICATION OF THE INFECTION PROCESSES OF ALTERNARIA BRASSICAE IN COTYLEDON TISSUE OF A TOLERANT AND A SUSCEPTIBLE GENOTYPE OF BRASSICA JUNCEA (L.) CZERN AND COSS
	II	..NOT PRESENTATION..	
4-CHEMISTRY			
Oral	I	Devendra Singh Rawat Research Scholar Department of Chemistry H.N.B. Garhwal University Srinagar Garhwal	EMODIN-PHOSPHOLIPID COMPLEX: A NOVEL DRUG DELIVERY TECHNOLOGY FOR PHYTOTHERAPEUTICS
	II	Neetu Pandey Assistant Professor SBS (PG) Institute of Biomedical Sciences and Research Balawala Dehradun	LANTANA CAMARA A POTENTIAL WEED FOR PREPARING ALFA CELLULOSE AND ITS CELLULOSE SULFATE DERIVATIVE
Poster	I	Vinod Kumar SRF Department of Chemistry D.S.B. Campus Kumaun University Nainital	ANTIBACTERIAL ACTIVITY AND VOLATILE CONSTITUENTS OF ERIGERON MUCRONATUS DC
	II	Vinod Kumar Gangari Research Scholar Department of Chemistry, Kumaun University, Nainital	THE MAJOR COMPONENT OF ESSENTIAL OIL FROM DRUPES OF VIBURNUM COTINIFOLIUM
5-EARTH SCIENCES INCLUDING GEOLOGY, GEOMORPHOLOGY, GEOPHYSICS & GLACIOLOGY			
Oral	I	Manisha Sanguri JRF (UGC) Department of Geology Kumaun University Nainital	KYANITE BEARING PELITIC SCHIST FROM VAIKRITA GROUP KUMAUN HIMALAYA
	II	Ranjit Das Research Scholar Department of Earthquake Engg. Indian Institute of Technology Roorkee Roorkee	A NEW TECHNIQUE FOR EARTHQUAKE MAGNITUDE CONVERSION AND ITS APPLICATION TOWARDS PROBABILISTIC SEISMIC HAZARD ASSESSMENT OF UTTARAKHAND
Poster	I	...NO PRESENTATIONS...	
	II	...NO PRESENTATIONS...	
6-ENGINEERING SCIENCE AND TECHNOLOGY			
Oral	I	Ankit Bhardwaj Student Graphic Era University 566/6, Bell Road, Clement Town Dehradun	WIRELESS BRIDGE HEALTH MONITORING SYSTEM
	II	Pooja Agarwala Research Scholar Department of Chemistry Indian Institute of Technology Roorkee Roorkee	CHARACTERIZATION OF DYE-SENSITIZED SOLAR CELLS USING A CARBAZOLE-BASED ORGANIC DYE AS SENSITIZER
Poster	I	Jagannath Malik Student Millimeter Wave Laboratory, Department of E & CE, Indian Institute of Technology Roorkee Roorkee	GAIN ENHANCED MICROSTRIP PATCH ANTENNA WITH METAMATERIAL SUPERSTRATE AND EBG FOR BLUETOOTH (2.4 GHZ) APPLICATION
	II	...NO PRESENTATIONS...	

7th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS-2012

Date: 21-23 November, 2012 Venue: Graphic Era University, Dehradun

Cat.		Name & Address of the Awardees	Abstract Title
7-ENVIRONMENTAL SCIENCE & FORESTRY			
Oral	I	Parul Sundha Research Scholar Department of Environmental Science CBSH G.B. Pant University of Agriculture and Technology, Pantnagar	EFFICACY OF AGRO-INDUSTRIAL WASTE IN REFURBISHING SOIL PRODUCTIVITY AND PLANT CARBON STOCK
	II	Kamal Kant Joshi Assistant Professor Uttarakhand Graphic Era Hill University 566/6, Bell Road Clement town Dehradun	AVIAN DISTRIBUTION AND ASSOCIATION WITH VEGETATION STRUCTURE IN DIFFERENT ELEVATIONAL ZONES OF NAINITAL DISTRICTS (WESTERN HIMALAYA) OF UTTARAKHAND
Poster	I	Akansha Bhatia Research Scholar Department of Environmental Sciences Gurukul Kangri University Haridwar	BACTERIAL DIVERSITY IN ROTARY DRUM COMPOSTING
	II	Ajay Kumar Assistant Professor Department of Chemistry D.B.S. (P.G.) College Dehradun	REMOVAL OF ARSENIC FROM WATER USING LOW COST ADSORBENT
8-HOME SCIENCE INCLUDING TEXTILE, FOOD, NUTRITION & CHILD DEVELOPMENT			
Oral	I	Jyoti Joshi Student Department of Clothing & Textiles College of Home Science G.B. Pant University of Agriculture & Technology Pantnagar	PREPARATION OF MILKWEED: MULBERRY SILK BLENDED YARNS AND EVALUATION OF THEIR PHYSICAL PROPERTIES
	II	..NOT FOUND SUITABLE..	
Poster	I	Shazia Mehtab Student Department of Clothing & Textiles College of Home Science G.B. Pant University of Agriculture & Technology Pantnagar	DIVERSIFICATION OF ERI SILK BLENDS THROUGH CHEMICAL TREATMENTS
	II	..NOT FOUND SUITABLE..	
9-MATERIAL SCIENCE & NANO TECHNOLOGY			
Oral	I	Ritu Singh Research Scholar Uttarakhand Technical University PO- Chandanwadi, Prem Nagar Sudhowala Dehradun Uttarakhand	PVC WASTE MANAGEMENT USING UREA UNDER GREENER CONDITIONS
	II	...NO PRESENTATIONS...	
Poster	I	...NO PRESENTATIONS...	
	II	Deepak Kumar Assistant Professor Department of Physics Graphic Era University 566/6, Bell Road, Clement Town Dehradun	ANTIFERROMAGNETIC LAYER THICKNESS DEPENDENT EXCHANGE BIASING IN PLD GROWN SFMO/SFWO MULTILAYERS
10-MATHEMATICS, STATISTICS & COMPUTER SCIENCE			
Oral	I	..NOT FOUND SUITABLE..	
	II	Raj Kishor Bisht Associate Professor Faculty of Computer Science & Applications Amrapali Institute Haldwani	WORD MATRIX AND GRAMMAR OF FORMAL LANGUAGES

7th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS-2012

Date: 21-23 November, 2012 Venue: Graphic Era University, Dehradun

Cat.		Name & Address of the Awardees	Abstract Title
Poster	I	Mohammad Wazid M. Tech. Student Graphic Era University 566/6, Bell Road, Clement Town Dehradun	PERFORMANCE EVALUATION OF A LAN UNDER DIFFERENT ETHERNET WIRING STANDARDS WITH DIFFERENT FRAME SIZE
	II	..NOT FOUND SUITABLE..	
11-MEDICAL SCIENCE INCLUDING PHARMACEUTICAL SCIENCE			
Oral	I	Devesh Tewari Student Department of Pharmaceutical Sciences Bhimtal Campus Kumaun University Bhimtal	COMPARATIVE PHYTOCHEMICAL AND ANTIOXIDANT ACTIVITY OF OCIMUM SPECIES GROWN IN WESTERN HIMALAYA
	II	Neetu Kainth Assistant Professor G.I.S. Institute of Professional Stuidies Mussoorie Diversion Road Opp. Malsi Deer Park Dehradun	AUTOMATED STOMATAL DENSITY DETERMINATOR USING IMAGE ANALYSIS: A NOVEL APPROACH TO LDE-I
Poster	I	Manoj Bhardwaj Student Department of Pharmaceutical Sciences Bhimtal Campus Kumaun University Nainital	EFFECT OF OKRA MUCLAGE ON GLICLAZIDE MUCOADHESIVE MICROSPHERES AND IN-VITRO EVALUATION
	II	Amit Semwal Assistant Professor G.I.S. Institute of Professional Stuidies Mussoorie Diversion Road Opp. Malsi Deer Park Sinola Dehradun	FORMULATION AND EVALUATION OF A NOVEL HERBAL GEL OF EQUISETUM ARVENSE EXTRACT
12-PHYSICS			
Oral	I	Paramjit Kaur Ph.D. Scholar Department of Physics Indian Institute of Technology Roorkee Roorkee	ELECTROMAGNETIC INDUCED TRANSPARENCY IN DOPPLER BROADENED LAMBDA TRANSITION WITH MULTIPLE EXCITED LEVELS
	II	Seema Nainwal Assistant Professor Graphic Era University 566/6, Bell Road, Clement Town Dehradun	PHOTOACOUSTIC MEASUREMENT OF THERMAL DIFFUSIVITY OF SEMICONDUCTING THIN FILMS
Poster	I	..NOT FOUND SUITABLE..	
	II	..NOT FOUND SUITABLE..	
13-RURAL TECHNOLOGY			
Oral	I	Piyusha Singh Research Fellow K.V.K. Ranichauri Tehri Garhwal	CLIMATE CHANGE IMPACTS AND HILL AGRICULTURE
	II	Vikram Singh Negi Research Associate G.B. Pant Institute of Himalayan Environment and Development Kosi-Katarmal Almora	PARTICIPATORY APPROACH FOR NATURAL RESOURCE MANAGEMENT: KEY TO LIVELIHOOD SECURITY IN WEST HIMALAYA
Poster	I	Shweta Tyagi SRF Department of Chemistry D.A.V. (P.G.) College Dehradun	APPLICATION OF RIVER BANK FILTRATION METHOD AS A RURAL WATER PRE- TREATMENT TECHNOLOGY

7th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS-2012

Date: 21-23 November, 2012 Venue: Graphic Era University, Dehradun

Cat.		Name & Address of the Awardees	Abstract Title
	II	Pankaj Nautiyal SMS (Horticulture) Krishi Vigyan Kendra (VPKAS-ICAR) Chinyalisaur Uttarkashi	STUDY ON WOMEN PARTICIPATION IN HIGH HILL FARMING SYSTEM WITH SPECIAL REFERENCE TO DRUDGERY REDUCTION THROUGH MECHANIZATION
14-SCIENCE & SOCIETY INCLUDING SCIENCE POPULARIZATION			
Oral	I	Arpita Sharma Ph.D Student Department of Agriculture Communication College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar	DEVELOPMENT A PARTICIPATORY INFORMATION COMMUNICATION MODULE FOR FISHER WOMEN EMPOWERMENT
	II	A.K. Bhandari Researcher Herbal Research and Development Institute Mandal Gopeshwar Chamoli	CORDYCEP SINENSIS: A WONDER FUNGUS FOR HIMALAYAN SOCIETY
Poster	I	Kumkum Pandey Research Scholar Department of Family Resource Management College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar	OCCUPATIONAL ERGONOMIC HAZARDS IN MANUAL MATERIAL HANDLING TASKS: A STUDY FROM GRAIN MANDI OF BAZPUR BLOCK, DISTRICT UDHAMSINGHNAGAR, UTTARAKHAND
	II	...NO PRESENTATIONS...	
15-VETERINARY SCIENCES & ANIMAL HUSBANDRY			
Oral	I	Mamta Pandey M.V.Sc. Scholar Animal Biotechnology Center Department of Veterinary Physiology and Biochemistry G.B. Pant University of Agriculture and Technology Pantnagar	EXPRESSION, PURIFICATION AND IMMUNOGENIC EVALUATION OF RECOMBINANT OUTER MEMBRANE PROTEIN (OMP28) OF SALMONELLA ENTERICA SEROVAR TYPHIMURIUM
	II	Sathish B. Shivachandra Senior Scientist Indian Veterinary Research Institute Mukteswar Nainital	GENE CLONING, SEQUENCE ANALYSIS AND IMMUNOGENECITY OF PTFA GENE ENCODED RECOMBINANT TYPE IV FIMBRIAL SUBUNIT PROTEIN OF PASTEURELLA MULTOCIDA B:2, A CAUSATIVE AGENT OF HAEMORRAGIC SEPTICAEMIA IN CATTLE AND BUFFALO
Poster	I	R. Yogisharadhya Ph.D Scholar Indian Veterinary Research Institute Mukteswar Nainital	MOLECULAR CHARACTERIZATION, EXPRESSION AND IMMUNOGENICITY STUDIES OF F1L GENE ENCODING MAJOR ENVELOPE PROTEIN OF ORF VIRUS
	II	Meena Mrigesh Assistant Professor Department of Veterinary Anatomy College of Vety. & Animal Sciences G.B. Pant University of Agriculture & Technology Pantnagar	TRANSMISSION ELECTRON MICROSCOPIC CHARACTERIZATION OF BLOOD CELLS OF EQUUS ASINUS
16-ZOOLOGY			
Oral	I	Preeti S. Virkar Project Fellow Wildlife Institute of India Chandrabani Dehradun	PRELIMINARY SURVEY OF POLLINATORS IN DOON VALLEY
	II	Beena Joshi Bhatt Lecturer Department of Zoology Dolphin (PG) Institute of Biomedical & Natural Sciences Manduwala Dehradun	COMPARATIVE ANALYSIS ON LARVICIDAL EFFECTS OF CYMBOPOGAN FLEXUOSUS (LEMONGRASS) AND TAGETES ERECTA (MARIGOLD) ESSENTIAL OILS AGAINST AEDES AEGYPTI LARVAE (DIPTERA:CULICIDAE)

7th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS-2012

Date: 21-23 November, 2012 Venue: Graphic Era University, Dehradun

Cat.		Name & Address of the Awardees	Abstract Title
Poster	I	Suresh Chandra Joshi Assistant Professor Department of Zoology Surajmal Agarwal Girls P.G. College Kichha US Nagar	STUDY OF LIP EPIDERMIS IN HILL STREAM FISHES OF GARRA GOTYLA, GLYPTOTHORAX PECTINOPTERUS AND PSEUDECHINES SULCATUS
	II	..NO PRESENTATIONS..	
INNOVATOR of the year			
		Rashmi Scientist-C Chemistry Division Forest Research Institute Dehradun	SAMRIDDHI: A PRODUCT OF GREEN TECHNOLOGY FOR SILKWORM FARMERS OF UTTARAKHAND
*** FINISH ***			