

8th Uttarakhand State Science and Technology Congress – 2013
AWARDEES

Category	Name of the Awardee	Title of Paper
1-AGRICULTURAL SCIENCES		
Oral	I Saurabh Badoni Senior Research Fellow Department of Genetics and Plant Breeding College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar US Nagar	DEPLOYMENT OF MOLECULAR MARKERS FOR TAGGING THE RUST RESISTANCE IN WHEAT GERMPLASM SHOWING RESISTANCE TO SPOT BLOTCH
	II Salej Sood Scientist Vivekananda Institute of Hill Agriculture (ICAR) Almora	INTERSPECIFIC HYBRID BETWEEN JAPANESE BARNYARD MILLET AND INDIAN BARNYARD MILLET FOR GENETIC ENHANCEMENT OF BARNYARD MILLET- A TRADITIONAL CROP OF UTTARAKHAND HILLS
Poster	I Rajeev Ranjan Research Scholar Department of Agrometeorology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar US Nagar	DISCRIMINATION OF DIFFERENT CROPS AND YIELD FORECASTING USING REMOTE SENSING
	II Pawanika Chandola Assistant Professor Beehive College of Advance Studies Beehive City, Central Hope Town Selaqui Dehradun	ASSESSMENT OF CROP YIELD AND WEED GROWTH UNDER THE APPLICATION OF PRE-EMERGENCE HERBICIDES IN RICE
2-BIOTECHNOLOGY, BIOCHEMISTRY & MICROBIOLOGY		
Oral	I Payal Gupta DST INSPIRE JRF Department of Biotechnology Graphic Era University 566/6 Bell Road Clement Town Dehradun	ANTI-CANDIDA POTENTIAL OF METHANOLIC EXTRACT OF ELAEOCARPUS SPHAERICUS FROM UTTARAKHAND REGION
	II Neelofar Mirza Research Scholar Department of Molecular Biology & Genetic Engineering CBSH G.B. Pant University of Agriculture and Technology Pantnagar US Nagar	DECIPHERING THE ROLE OF SPATIAL EXPRESSION OF VARIOUS CALCIUM TRANSPORTERS AND REGULATORY PROTEINS IN DIFFERENTIAL ACCUMULATION OF CALCIUM IN FINGER MILLET (ELEUSINE CORACANA L. GARTN.)
Poster	I Mohd Tasleem Research Scholar Department of Molecular Biology & Genetic Engineering CBSH G.B. Pant University of Agriculture and Technology Pantnagar US Nagar	MOLECULAR CLONING AND CHARACTERIZATION OF FULL LENGTH BJ MAPK3 GENE: A MOLECULAR DEFENDER AGAINST ALTERNARIA BLIGHT.
	II NOT FOUND SUITABLE	

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3-BOTANY		
Oral	I Manish Tripathi Project Fellow Department of Botany S.S.J. Campus Kumaun University Almora	STUDIES ON ENDOPHYTIC FUNGI ISOLATED FROM SOME MACROLICHENS COLLECTED IN AND AROUND BANRI DEVI FOREST, ALMORA, UTTARAKHAND
	II Bhasker Joshi Assistant Professor Department of Botany Surajmal Agarwal Girls P.G. College Kichha US Nagar	VEGETATIONAL ANALYSIS IN SOME FORESTS OF TARAI WEST FOREST DIVISION RAMNAGAR, UTTARAKHAND
Poster	I Kavita Negi Ph.D Scholar Department of Biological Sciences CBSH G.B. Pant University of Agriculture and Technology Pantnagar US Nagar	BIOACTIVITY OF AN INDIGENOUS MOSS FROM A CALCIUM RICH ROCKY HABITAT IN KUMAUN HIMALAYAS
	II Manpreet Kaur Research Scholar Plant Physiology Lab Botany Division Forest Research Institute P.O. New Forest Dehradun	ANTIOXIDATIVE AND BIOCHEMICAL RESPONSES IN DALBERGIA SISSOO SEEDLINGS GROWING UNDER COBALT AND LEAD STRESS
4-CHEMISTRY		
Oral	I Pramod Pandey Research Scholar Chemical Laboratory Department of Chemistry DSB Campus Kumaun University Nainital	PHASE TRANSITION STUDY OF NEUROTRANSMITTER'S PRECURSOR IN RELEVANCE TO BIOLOGICAL MIMIC SYSTEM
	II Bipin Chandra Joshi Assistant Professor Department of Chemistry L.S.M. (PG) College Pithoragarh	GREEN CHEMISTRY AND MEDICINAL PLANT RESEARCH
Poster	I Deepali Agarwal Research Scholar Department of Chemistry CBSH G.B. Pant University of Agriculture and Technology Pantnagar US Nagar	RICE HUSK SUPPORTED CaCl ₂ .2H ₂ O CATALYSED N-FORMYLATION OF AMINES UNDER NEAT REACTION CONDITIONS AT ROOM TEMPERATURE: A GREEN APPROACH
	II	 NOT FOUND SUITABLE

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5-Earth Sciences including Geology, Geomorphology, Geophysics & Glaciology		
Oral	I Rakhi Bhardwaj Research Scholar Department of Earthquake Engineering Indian Institute of Technology Roorkee Roorkee Haridwar	LEAD TIME FOR CITIES OF NORTHERN INDIA USING MULTI PARAMETER EEW ALGORITHM
	II Ganesh Datt Bhatt Lab. Supervisor Department of Petroleum Engineering and Earth Sciences University of Petroleum & Energy Studies PO- Bidholi, Via Premnagar Dehradun	ASSESSMENT OF VEGETATION TYPES AND LAND USE CHANGE IN CHAMOLI DISTRICT OF UTTARAKHAND USING REMOTE SENSING AND GIS TECHNIQUES
Poster	I Sanjay Singh Negi Senior Research Fellow Wadia Institute of Himalayan Geology 33-GMS Road Dehradun	INSIGHT TO THE SEISMICITY AROUND TEHRI RESERVOIR, INDIA
	II Neelam Singh Maurya Research Scholar Department of Geography D.A.V (PG) College Dehradun	LAND USE CHANGE IN DEHRADUN CITY
6-ENGINEERING SCIENCE AND TECHNOLOGY		
Oral	I Ravindra Singh Bisht Scientist BPPP Group CSIR-Central Building Research Institute Roorkee Haridwar	DESIGN PARAMETER ANALYSIS OF ADHESION MECHANISMS FOR CLIMBING ROBOTS
	II Sarika Research Scholar Graphic Era University Clement Town Dehradun	SYNTHESIS AND CHARACTERIZATION OF ZnO NANO- PARTICLES AND DEVELOP THE NiP-ZnO COMPOSITE COATING BY ELECTROLESS TECHNIQUE ON MILD STEEL SUBSTRATE
Poster	I Sudipti Arora Research Scholar Environmental Engineering Group Department of Civil Engineering Indian Institute of Technology Roorkee Roorkee	PERFORMANCE EVALUATION OF A VERMIFILTER FOR REMOVAL OF PATHOGENS FROM SYNTHETIC DOMESTIC WASTEWATER
	II NOT FOUND SUITABLE	

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7-ENVIRONMENTAL SCIENCE & FORESTRY		
Oral	I Sudipta Ramola Research Scholar Department of Environmental Sciences CBSH G.B. Pant University of Agriculture and Technology Pantnagar US Nagar	REMOVAL OF HEAVY METAL PB BY PYROLYSED AGROWASTE
	II Sugam Gupta Ph.D Scholar Pt. Lalit Mohan Sharma P. G. College Rishikesh Dehradun	LICHEN BASED BIOMONITORING STUDIES IN BADRINATH, ALONG LANDUSE AND NITROGEN LOAD GRADIENTS
Poster	I Deepika Rajwar Research Scholar Department of Environmental Sciences G.B. Pant University of Agriculture and Technology Pantnagar US Nagar	OPTIMIZATION CONDITION FOR REMOVAL OF LIGNOCELLULOSIC WASTE FROM PULP AND PAPER MILL BY PHANEROCHAETE CHRYSOSPORIUM AND PSEUDOMONAS FLUORESCENS
	II Bijendra Lal Research Scholar Department of Forestry and Environmental Science D.S.B. Campus Kumaun University Nainital	GERMINATION EFFECT AND NURSERY BEHAVIOR OF QUERCUS SERRATA (MANIPURI BANJ) AT MIDDLE ALTITUDE REGION OF GARHWAL HIMALAYA
8-HOME SCIENCE		
Oral	I Sonia Anand Research Scholar Department of Foods and Nutrition College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar US Nagar	DEVELOPMENT OF SPINACH POWDER INCORPORATED CHAPATI AND ITS SUITABILITY FOR DIABETIC SUBJECTS
	II Pratibha Joshi Scientist Home Science and Family Resource Management Social Science Section Vivekananda Parvatiya Krishi Anusandhan Sansthan (ICAR) Almora	ERGONOMIC ASSESSMENT OF FINGER MILLET THRESHING OPERATION FOR AGRICULTURAL SUSTAINABILITY IN MOUNTAIN REGION OF UTTARAKHAND
Poster	I Kavita Narwal Ph.D Scholar Department of Family Resource Management College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar US Nagar	PINE BREQUITING: A SOURCE OF SUSTAINABLE DEVELOPMENT
	II Dimple Bagauli Academic Associate (UOU) Uttarakhand Open University Campus Dehradun	MULBERRY BASED BEVERAGES FOR HEALTH BENEFITS

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9-MATERIAL SCIENCE & NANO TECHNOLOGY		
Oral	I Manjul Gondwal Research Scholar H.N.B. Garhwal University (A Central University) Srinagar Garhwal	GREEN SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL ACTIVITY OF SILVER NANOPARTICLES FROM CALOTROPIS PROCERA
	II Sudesh Sharma Assistant Professor Department of Physics University of Petroleum & Energy Studies PO- Bidholi Via Premnagar Dehradun	COBALT INCORPORATED TiO ₂ : A POTENTIAL CANDIDATE FOR SPINTRONIC APPLICATION
Poster	I Sarvesh Rustagi Assistant Professor Department of Science Baba Farid Group of Institution Suddhowala Dehradun	ANTIMICROBIAL ACTIVITY OF ZNO NANOPARTICLES
	II Manoj Kumar Research Scholar Department of Physics Graphic Era University Clement Town Dehradun	INVESTIGATION OF BIOCOROSION INHIBITION PROPERTIES OF EXTRACELLULAR POLYMERIC SUBSTANCES
10-MATHEMATICS, STATISTICS & COMPUTER SCIENCE		
Oral	I NOT FOUND SUITABLE	
	II NOT FOUND SUITABLE	
Poster	I NOT FOUND SUITABLE	
	II NOT FOUND SUITABLE	
11-MEDICAL SCIENCE INCLUDING PHARMACEUTICAL SCIENCE		
Oral	I Akanksha Singh Student (M. Pharm.) Himalayan Institute of Pharmacy and Research PO- Rajawala Atak Farm Dehradun	MATRIX FORMING PROPERTY OF HIBISCUS ROSASINESIS MUCILAGE IN THE FORMULATION OF IBUPROFEN SUSTAINED RELEASE TABLET
	II Neeti Srivastav Research Scholar Department of Pharmaceutical Science H.N.B. Garhwal University (A Central University) Srinagar Garhwal	ANTICONVULSANT ACTIVITY OF LEAF EXTRACTS OF MARTYNIA ANNUA LINN IN EXPERIMENTAL RATS
Poster	I Manish Kumar Pandey Student (M.Pharm.) Devsthali Vidyapeeth College of Pharmacy Lalpur Rudrapur US Nagar	COMPARATIVE ANALYSIS AND ANTI-INFLAMATORY POTENTIAL OF METHANOL AND ETHANOL EXTRACT OF FOUR SPECIES OF OCIMUM
	II Praveen Kumar Senior Lecturer Division of Pharmaceutical Science Shri Guru Ram Rai Institute of Technology and Sciences Patel Nagar Dehradun	STABILITY INDICATING METHOD DEVELOPMENT FOR SIMULTANEOUS DETERMINATION OF EZETIMIBE AND SIMVASTATIN IN DOSAGE FORM BY RP-HPLC

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12-PHYSICS			
Oral	I	Garima Punetha Research Scholar Department of Physics D.S.B. Campus Kumaun University Nainital	QUARK MATTER UNDER EXTREME THERMAL CONDITIONS WITH IMPLICATIONS FOR QGP
	II	Kuldeep Singh Assistant Professor Department of Physics Govt. (PG) College New Tehri Tehri	ESTIMATION OF NATURAL RADIONUCLIDES FROM THE SOIL OF GARHWAL HIMALAYA
Poster	I	Neetu Pandey Research Scholar Photophysics Laboratory Department of Physics Kumaun University Nainital	EFFECT OF UREA ON FLUORESCENCE PROPERTIES OF BIOLOGICALLY ACTIVE COMPOUND: SCOPOLETIN
	II	Sneh Joshi Senior Research Fellow G.B. Pant Institute of Himalayan and Environment Development Kosi-Katarmal Almora	COMPARISON BETWEEN GPS DERIVED PRECIPITABLE WATER VAPOUR USING OBSERVED METEOROLOGICAL DATA AND INTERPOLATED NCEP GLOBAL REANALYSIS DATA
13-RURAL TECHNOLOGY			
Oral	I	 NOT FOUND SUITABLE	
	II	Prakash C. Phondani Research Associate G.B. Pant Institute of Himalayan and Environment Development Kosi-Katarmal Almora	AN INNOVATIVE APPROACH TOWARDS NATURAL RESOURCE BASED LIVELIHOOD THROUGH COST-EFFECTIVE RURAL TECHNOLOGICAL INTERVENTION IN UTTARAKHAND
Poster	I	Gaurav Papnai SMS Krishi Vigyan Kendra ICAR (VPKAS) Chinyalisaur	SOCIO ECONOMIC IMPACT OF EXTENSION ACTIVITIES OF KVK, CHINYALISAUR, UTTARKASHI
	II	...NO PRESENTATIONS...	
14-SCIENCE & SOCIETY INCLUDING SCIENCE POPULARIZATION			
Oral	I	Tripti Basant Research Scholar Department of Clothing and Textiles College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar US Nagar	WASTEWATER HAZARDS FROM TEXTILE DYEING INDUSTRY
	II	Priyanka Singh PDF Anthropological Survey of India North-West Regional Center Kaulagarh Road Dehradun	HUMAN EXTERNAL EAR MORPHOLOGY (SOMATOSCOPY): A NEW EMERGING SOFT BIOMETRIC TOOL FOR PERSONAL IDENTIFICATION
Poster	I	Shweta Sunetha Research Scholar Department of Agricultural Communication College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar US Nagar	DETERMINING AGRICULTURE INFORMATION NEEDS OF FARM WOMEN IN KUMAON REGION OF UTTARAKHAND
	II	Uday Nand Gaur Lecturer Govt. College Ghorakhuri Post Pantwari, Jaunpur Tehri Garhwal	CLIMATE CHANGE AND ECOSYSTEM FUNCTIONING : A CASE STUDY OF A MOUNTAIN OF CENTRAL GARHWAL HIMALAYA

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15-VETERINARY SCIENCES & ANIMAL HUSBANDRY		
Oral	I Ravi Kumar Senior Research Fellow Classical Swine Fever Laboratory Division of Virology Indian Veterinary Research Institute Mukteswar Nainital	MOLECULAR CHARACTERIZATION AND WHOLE GENOME SEQUENCE ANALYSIS OF CLASSICAL SWINE FEVER VIRUS SUBGROUP 2.2 FROM UTTARAKHAND, INDIA
	II Ramakrishnan M.A Senior Scientist Division of Virology Indian Veterinary Research Institute Mukteswar Nainital	MOLECULAR CHARACTERIZATION OF SHEEPPOX VIRUSES BASED ON RPO30 GENE ENCODED RNA POLYMERASE 30KDA SUBUNIT
Poster	I Abhinendra Kumar SRF Indian Veterinary Research Institute Mukteswar Nainital	STRUCTURAL ANALYSIS AND PROTECTIVE EFFICACY OF RECOMBINANT 87 KDA OUTER MEMBRANE PROTEIN (OMP87) OF PASTEURELLA MULTOCIDA SEROGROUP B:2
	II S.B. Shivachandra Senior Scientist Clinical Bacteriology Laboratory Indian Veterinary Research Institute Regional Campus Mukteswar Nainital	IMMUNOGENECITY OF RECOMBINANT TRANSFERRIN BINDING PROTEIN FRAGMENTS OF PASTEURELLA MULTOCIDA B:2, A CAUSATIVE AGENT OF HAEMORRHAGIC SEPTICAEMIA
16-ZOOLOGY		
Oral	I Ritwik Mondal Junior Research Fellow Department of Zoology D.A.V. (PG) College Dehradun	OVITRAP SURVEILLANCE OF AEDES MOSQUITOES (DIPTERA: CULICIDAE) IN SELECTED AREAS OF DEHRADUN DISTRICT, UTTARAKHAND, INDIA
	II Sanjeev Kumar Research Scholar Department of Zoology Govt. (PG) College Ramnagar Nainital	HUMAN-TIGER CONFLICT BASE BY SCAT ANALYSIS IN JHIRNA ZONE OF CORBETT TIGER RESERVE, RAMNAGAR, UTTARAKHAND (INDIA)
Poster	I Gurnam Singh Research Scholar Fish Reproduction and Conservation Biology Research Lab. Department of Zoology School of Life Science H.N.B. Garhwal University Campus Badshahithaul Tehri Garhwal	PATTERNS AND COMPOSITION OF FISH ASSEMBLAGES ALONG WITH HABITAT ECOLOGY OF SNOW FED RIVER PINDER IN UPPER GANGA BASIN, INDIA
	II ..NO PRESENTATIONS..	
INNOVATOR OF THE YEAR		
	Ruchira Tiwari Assistant Professor Department of Entomology College of Agriculture G.B. Pant University of Agriculture and Technology Pant nagar (US Nagar)	EFFICACY OF COW URINE AND PLANT PRODUCTS IN HONEY BEE DISEASE MANAGEMENT IN UTTARAKHAND –A NOVEL APPROACH