



**10th UTTARAKHAND STATE SCIENCE AND
TECHNOLOGY CONGRESS 2015-16**

**Selected Abstract List
POSTER Presentation
Presenting Author wise**

Presenting Author*	Affiliation/ Organization	Discipline	Cat.	Title of Abstract	Roll No
A.B. Bajpai*	Department of Botany D.B.S. (PG) College Dehradun	Botany	3	<i>IN-SILICO</i> CHARACTERIZATION AND HOMOLOGY MODELING OF PEPCK ENZYME OF <i>MEDICAGO TRUNCATULA</i>	149
Ajeet Singh*	Department of Botany and Microbiology Gurukula Kangri Vishwavidyalaya Haridwar	Biotechnology, Biochemistry & Microbiology	1	ANTIBACTERIAL ASSESSMENT OF <i>BARLERIA PRIONITIS</i> (LINN.) LEAF EXTRACTS AGAINST RESPIRATORY TRACT PATHOGENS	77
Akanksha Rani*	Department of Chemistry Kumaun University Nainital	Chemistry	1	EFFECT OF COPPER ON ESSENTIAL OIL COMPOSITION OF <i>OCIMUM</i> <i>KILIMANDSCHARICUM</i>	166
Akansha Singh*	Department of Plant Pathology College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Agricultural Sciences	1	CHITOSAN: A BIOPESTICIDE FOR ECOFRIENDLY MANAGEMENT OF POTATO LATE BLIGHT	33
Akash Mishra*	Department of Pharmaceutical Sciences H.N.B. Garhwal University Srinagar Pauri	Medical Science including Pharmaceutical Science	1	GELATIN - ALGINATE IMPLANT OF DICLOFENAC FOR THE IMPROVED AND PROLONGED DRUG DELIVERY FOR ORTHOPEDIC OR ARTHRITIC PATIENTS	367
Ambika*	Forest Pathology Division Forest Research Institute PO- New Forest Dehradun	Biotechnology, Biochemistry & Microbiology	1	COMPARING DIFFERENT METHODS FOR SCREENING <i>TRICHODERMA</i> SPP. FOR ANTAGONISM AGAINST COMMON FOREST FUNGI	78
Amit Badola*	DIT University Mussoorie Diversion Road Dehradun	Physics	1	(n,a) REACTION CROSS-SECTION OF STABLE ISOTOPES OF HAFNIUM AND TUNGSTEN FOR REACTOR TECHNOLOGY	437
Amit Budhori*	Devsthali Vidyapeeth College of Pharmcy Lalpur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	DEVELOPMENT AND EVALVATION OF TRANSTYMPANIC IN-SITU GEL OF NORFLOXACIN	368
Amit Kumar Sen*	Department of Pharmaceutical Chemistry Global Institute of Pharmaceutical Education and Research Kashipur U.S. Nagar	Medical Science including Pharmaceutical Science	1	BIGINELLI REACTION PAST, PRESENT AND FUTURE: A CRITICAL PERSPECTIVE	369
Anchal Rani*	Department of Zoology and Environmental Science Gurukul Kangri Vishavidalaya Haridwar	Environmental Science & Forestry	1	STUDY ON SUITABILITY OF MUNICIPAL SUPPLIED WATER FOR DRINKING PURPOSE, DISTRICT HARIDWAR, UTTARAKHAND	274
Anchala Nautiyal*	Department of Entomology College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Agricultural Sciences	1	EFFECT OF SOYBEAN SEED PHENOLICS ON THE GROWTH AND DEVELOPMENT OF PULSE BEETLE, <i>CALLOSBRUCHUS</i> <i>CHINENSIS</i> (L.)	34
Anita Kumari*	Department of Pharmaceutical Sciences H.N.B. Garhwal University Srinagar Pauri	Medical Science including Pharmaceutical Science	1	GASTRORETENTIVE FLOATING MICROSPHERES OF DILITIAZEM FOR IMPROVED DRUG RELEASE	370
Anju Joshi*	Department of Botany P.N.G. Govt. (PG) College Ramnagar Nainital	Botany	2	FLORISTIC TREE DIVERSITY OF MUNSYARI BLOCK IN PITHORAGARH DISTRICT OF KUMAUN, UTTARAKHAND	145
Ankit Kumar Chauhan*	Department of Botany and Microbiology Gurukula Kangri Vishwavidyalaya Haridwar	Biotechnology, Biochemistry & Microbiology	2	COMBATING METHICILLIN RESISTANT <i>STAPHYLOCOCCUS AUREUS</i> (MRSA) BY <i>BACILLUS CEREUS</i> TSH77 INHABITING TERMITARIUM SOIL OF UTTARAKHAND	98
Ankita Tiwari*	Devsthali Vidyapeeth College of Pharmcy Lalpur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	FORMULATION AND EVALUATION OF FLOATING MICROSPONGES OF BACLOFEN FOR GASTRORETENTIVE DRUG DELIVERY SYSTEM	371



10th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS 2015-16

Selected Abstract List POSTER Presentation Presenting Author wise

Presenting Author*	Affiliation/ Organization	Discipline	Cat.	Title of Abstract	Roll No
Anupriya Singh*	Department of Clothing and Textiles College of Home Science G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Home Science	1	A POTENTIAL ALTERNATIVE TO COMMERCIAL UPHOLSTERY: HEMP-COTTON UNION FABRIC	302
Archana Rani*	Department of Horticulture G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Agricultural Sciences	1	EFFECT OF LEAF AGE, POSITION AND SAMPLE SIZE ON THE MINERAL COMPOSITION OF KARONDA (<i>CARISSA CARANDAS L.</i>)	35
Archana Suyal*	Department of Chemistry CBSH G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Chemistry	1	EFFICACY OF SOIL AMENDMENT IN REDUCING RESIDUE OF SOME INSECTICIDES IN SOIL AND GROUND WATER	167
Arti Bisht*	G.B. Pant Institute of Himalayan Environment and Development Kosi-Katarmal Almora	Biotechnology, Biochemistry & Microbiology	1	EFFECT OF PLANT GROWTH REGULATORS ON <i>IN VITRO</i> PROPAGATION OF <i>BERBERIS ASIATICA</i>	79
Ashish Nautiyal*	Department of Physics H.N.B. Garhwal University Srinagar Pauri	Physics	2	MATHEMATICAL MODELING FOR GLYCINE TYPE CRYSTALS	440
Astha Semwal*	Department of Pharmaceutical Sciences H.N.B. Garhwal University Srinagar Pauri	Medical Science including Pharmaceutical Science	1	POLYCYSTIC OVARIAN DISORDER (PCOD): A MAJOR CAUSE OF INFERTILITY AND USE OF CLOMIPHENE CITRATE AS A FIRST LINE MEDICINE	372
Bhawna Adhikari*	Department of Botany D.S.B. Campus Kumaun University Nainital (UK)	Botany	1	TRADITIONAL KNOWLEDGE OF MEDICINAL PLANTS IN BHABHAR REGION OF KUMAUN HIMALAYA	128
Bimla Kumari*	Department of Plant Pathology College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Agricultural Sciences	2	EVALUATION OF ESSENTIAL OILS AGAINST <i>RHIZOCTONIA SOLANI</i> F.SP. <i>SASAKII</i> (KUHN) EXNER CAUSING BANDED LEAF AND SHEATH BLIGHT OF MAIZE	49
Bipin Chandra Joshi*	Division of Pharmaceutical Sciences Shri Guru Ram Rai Institute of Technology and Sciences Patel Nagar Dehradun	Medical Science including Pharmaceutical Science	1	VALIDATED METHOD DEVELOPMENT FOR THE ESTIMATION OF ETHAMSYLATE BY UV- SPECTROSCOPY	373
Birendra Singh*	Cancer Research Institute (CRI) Swami Rama Himalayan Institute Jolly Grant Dehradun	Mathematics; Statistics & Computer Science	1	REVIEW OF TOBACCO RELATED CANCER IN CRI	352
Brij M Upreti*	Department of Botany D.S.B. Campus Kumaun University Nainital (UK)	Botany	1	DIVERSITY OF AQUATIC HYPHOMYCETES IN STREAMS OF KHATIMA AND NAINITAL	129
C.P. Singh*	Govt. (PG) College Narayan Nagar Pithoragarh-262550	Zoology	3	ENVIRONMENTAL STRESS AND MORPHOLOGICAL VARIATION OF SOME ANOPHELINE MOSQUITOES IN TARAI REGION OF KUMAUN (UTTARAKHAND)	488
Charu Joshi*	Department of Biotechnology Kumaun University Bhimtal Campus Bhimtal Nainital	Biotechnology, Biochemistry & Microbiology	1	ANTIOXIDANT ACTIVITY OF <i>PYRUS MALUS CUV</i> , RED DELICIOUS USING METHANOLIC EXTRACT OF FRESH PULP, PEEL AND WHOLE FRUIT	80
Chetna Mehta*	Division of Pharmaceutical Sciences Shri Guru Ram Rai Institute of Technology and Sciences Patel Nagar Dehradun	Medical Science including Pharmaceutical Science	1	DESIGN & <i>IN-VITRO</i> EVALUATION OF SUSTAINED RELEASE MINI-MATRICES BY EXTRUSION	374



10th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS 2015-16

Selected Abstract List POSTER Presentation Presenting Author wise

Presenting Author*	Affiliation/ Organization	Discipline	Cat.	Title of Abstract	Roll No
Deepshikha Joshi*	Department of Chemistry D.S.B. Campus Kumaun University Nainital (UK)	Chemistry	1	COMPARATIVE ANALYSIS OF TERPENOID COMPOSITION OF THE ESSENTIAL OIL OF <i>MYRIACTIS NEPALENSIS</i> LESS. AERIAL PARTS FROM DIFFERENT REGIONS OF UTTARAKHAND, INDIA AND ITS BIOACTIVITY	168
Devendra Singh*	Uttarakhand State Council for Science and Technology Dehradun	Earth Sciences including Geology, Geomorphology, Geophysics, Glaciology and Geography	1	INFLUENCE OF LITHOLOGY ON THE GROUND WATER OF THE SIWALIK AREA, BETWEEN GANGA AND YAMUNA RIVER IN UTTARAKHAND HIMALAYA	199
Dheeraj Bisht*	Department of Pharmaceutical Sciences Kumaun University Bhimtal Campus Bhimtal Nainital	Medical Science including Pharmaceutical Science	2	SYNTHESIS AND STUDIES OF DINITROPHENOTHIAZINE DERIVATIVES	413
Dipti Bisarya*	Department of Plant Physiology G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Biotechnology, Biochemistry & Microbiology	1	THE INFLUENCE OF DIFFERENT HORMONE CONCENTRATION AND COMBINATION ON CALLUS INDUCTION AND PLANTLET REGENERATION OF <i>RAUWOLFIA SERPENTINA</i>	81
Dipti Lohani*	Department of Family Resource Management College of Home Science G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Home Science	1	HEALTH RISK ASSESSMENT OF WORKERS EXPOSED TO FLOUR DUST: A CROSS SECTIONAL STUDY OF UTTARAKHAND	303
Divya Sati*	Department of Entomology College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Agricultural Sciences	1	UTILIZATION OF GERMINATED CEREALS AND MILLETS AS A PROTEIN FEED FOR HONEY BEES (<i>APIS MELLIFERA</i> LINNAEUS) DURING DEARTH PERIOD IN FOOTHILLS OF SHIVALIK RANGE OF HIMALAYA	36
Divya Sharma*	Department of Plant Pathology College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Agricultural Sciences	1	COMPATIBILITY OF DIFFERENT INSECTICIDES WITH <i>TRICHODERMA HARZIANUM</i> RIFAI STRAIN PBAT-21	37
Divya Tyagi*	Department of Zoology & Environmental Science Gurukula Kangri Vishwavidyalaya Haridwar	Environmental Science & Forestry	1	DRINKING WATER QUALITY IN RELATION TO HUMAN HEALTH IN HARIDWAR DISTRICT, UTTARAKHAND	275
Elangbam Premabati Devi*	Department of Plant Pathology College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Agricultural Sciences	1	ADULT PLANT RESISTANCE (APR) AS A SOURCE FOR RESISTANCE BREEDING IN MANAGING BROWN AND YELLOW RUST OF WHEAT	38
Gaurav Bhoj*	Faculty of Science & Technology ICFAI University Rajawala Road, Selaqui Dehradun	Material Science & Nano Technology	1	MAGNETIC IRON OXIDE NANOPARTICLES: GREEN SYNTHESIS AND ITS BIOMEDICAL AND ECO-FRIENDLY APPLICATIONS	332
Gaurav Rajput*	Department of Chemistry DAV (PG) College Dehradun	Chemistry	1	GRAFTING OF ACRYLONITRILE ONTO CASSIA <i>ANGUSTIFOLIA</i> SEED GUM IN AQUEOUS MEDIUM USING CERIC AMMONIUM NITRATE – NITRIC ACID AS REDOX INITIATOR	169
Gayitri Joshi*	Devsthali Vidyapeeth College of Pharmcy Lalpur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	FORMULATION AND EVALUATION OF TROPICAMIDE LOADED NIOSOMAL <i>IN-SITU</i> GEL	375



**10th UTTARAKHAND STATE SCIENCE AND
TECHNOLOGY CONGRESS 2015-16**

**Selected Abstract List
POSTER Presentation
Presenting Author wise**

Presenting Author*	Affiliation/ Organization	Discipline	Cat.	Title of Abstract	Roll No
Geeta Kandpal*	Department of Plant Physiology G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Agricultural Sciences	1	EFFECT OF SILICON SOLUBILIZERS ON DISEASE AND INSECTS TOLERANCE IN DIFFERENT GENOTYPES OF RICE (<i>ORYZA SATIVA</i> L.)	39
Gitika Bisht*	Department of Molecular Biology and Genetic Engineering G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Biotechnology, Biochemistry & Microbiology	1	<i>IN SILICO</i> STRUCTURAL AND FUNCTIONAL CHARACTERISATION OF EcMYB TRANSCRIPTION FACTOR GENE IN <i>SETARIA ITALICA</i>	82
Gunjan Goswami*	Department of Zoology and Biotechnology H.N.B. Garhwal University Srinagar Pauri	Zoology	1	POST-FLOOD DYNAMICS OF AQUATIC MACROINVERTEBRATES IN THE MANDAKINI RIVER OF UTTARAKHAND	483
Harshwati Nandan Bahuguna*	GRD Institute of Management and Technology 214, Rajpur Road Dehradun	Rural Technology	1	S&T INTERVENTION FOR THE DEVELOPMENT OF RURAL UTTARAKHAND: A DIGITAL APPROACH	444
Heena Shakeel*	Department of Molecular Biology and Genetic Engineering G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Biotechnology, Biochemistry & Microbiology	1	CALLUS INDUCTION AND SOMATIC EMBRYOGENESIS IN DROUGHT SENSITIVE VARIETY OF <i>ELEUSINE CORACANA</i> (PES-400)	83
Hema Devi Vaishnav*	Devsthali Vidyapeeth College of Pharmcy Lalpur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	DEVELOPMENT AND EVALUATION OF KETOROLAC TROMETHAMINE LOADED SOLID-LIPID NANOPARTICLES	376
Himani Joshi*	Devsthali Vidyapeeth College of Pharmcy Lalpur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	ESTIMATION AND ANALYSIS OF RELATED SUBSTANCE IN METFORMIN BY RP-HPLC	377
Himani Karki*	Department of Botany D.S.B. Campus Kumaun University Nainital (UK)	Botany	1	EFFECT OF ANTHROPOGENIC DISTURBNCES IN THE REGENERATION STATUS OF TEMPERATE CYPRESS MIXED OAK FOREST	130
Himani Tewari*	Devsthali Vidyapeeth College of Pharmcy Lalpur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	FORMULATION & EVALUATION OF FAST DISINTEGRATING TABLETS OF OLMESARTAN USING HYDROTROPIC SOLID DISPERSION TECHNIQUE	378
Himanshi Joshi*	Division of Pharmaceutical Sciences Shri Guru Ram Rai Institute of Technology and Sciences Patel Nagar Dehradun	Medical Science including Pharmaceutical Science	1	DEVELOPMENT AND OPTIMIZATION OF INTERPANETRATING POLYMERIC NETWORK HYDROGEL BEADS FOR CONTROLLED DRUG DELIVERY SYSTEM	379
Hina Khatoon*	Department of Environmental Science CBSH G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Environmental Science & Forestry	1	EFFECTS OF WATER STRESS ON MORPHOLOGICAL, PHYSIOLOGICAL AND BIOCHEMICAL PARAMETERS OF FINGER MILLET (<i>ELEUSINE CORACANA</i> L.)	276
Induja Mishra*	Department of Zoology and Environmental Science Gurukula kangri Vishwavidyalya Haridwar	Environmental Science & Forestry	1	FIRST REPORT ON THE OCCURRENCE OF ACUTE VIRAL ERYTHROCYTIC NECROSIS IN THE FRESHWATER CATFISH <i>H. FOSSILIS</i> BLOCH, FROM INDIA	277
Jagdish Chandola*	Department of Computer Engineering College of Technology G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Engineering Science and Technology	1	CLASSIFICATION OF FUNDUS IMAGES FOR DIABETIC RETINOPATHY DETECTION USING NEURAL NETWORK	231



**10th UTTARAKHAND STATE SCIENCE AND
TECHNOLOGY CONGRESS 2015-16**

**Selected Abstract List
POSTER Presentation
Presenting Author wise**

Presenting Author*	Affiliation/ Organization	Discipline	Cat.	Title of Abstract	Roll No
Jayti Upadhyay*	Department of Zoology D.A.V. (PG) College Dehradun	Zoology	3	ZOO-GEOGRAPHICAL DISTRIBUTION OF MONOGENOIDEA PARASITES IN FISH COMMUNITY IN WATER BODIES OF GARHWAL - UTTAR PRADESH BELT	489
Jitendra Chandra Chandola*	Department of Horticulture College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Agricultural Sciences	1	MORPHOLOGICAL AND BIOCHEMICAL CHARACTERIZATION OF LITCHI CULTIVARS	40
Jitendra Diwakar*	Department of Chemistry D.S.B. Campus Kumaun University Nainital (UK)	Chemistry	1	COMPARATIVE STUDIES OF THE MAJOR VOLATILE CONSTITUENTS OF <i>CORIANDRUM SATIVUM</i>	170
Jogender kumar*	(AIMS Group) CSIR-Central Building Research Institute Roorkee Haridwar	Engineering Science and Technology	1	PATH PLANNING OF AUTONOMOUS WHEELED MOBILE ROBOT FOR EFFICIENT COVERAGE WITHIN A SPECIFIED AREA	232
Jogendra Singh*	Department of Zoology and Environmental Science Gurukula Kangri Vishwavidyalaya Haridwar	Environmental Science & Forestry	1	ASSESSMENT OF PHYSICO-CHEMICAL PARAMETERS OF INDUSTRIAL AND DOMESTIC WASTES AT SIDCUL AREA, HARIDWAR, (UTTARAKHAND) - INDIA	278
Jyoti Rani*	Plant Physiology Division Forest Research Institute Dehradun (UK)	Botany	1	THE EFFECT OF GROWTH REGULATORS ON ROOTING POTENTIAL IN <i>DENDROCALAMUS STRICTUS</i> (ROXB.) NEES	131
Jyoti Verma*	Department of Biotechnology G.B. Pant Engineering College Ghurdauri Pauri	Biotechnology, Biochemistry & Microbiology	1	BIODEGRADATION OF NAPHTHALENE BY ENDOPHYTIC FUNGI <i>ALTERNARIA ALTERNATA</i> BAB 5446 ISOLATED FROM <i>CUPRESSUS TORULOSA</i> D. DON	84
Jyotsana Suyal*	G.I.S. Institute of Professional Studies Mussoorie Diversion Road Opp. Malsi Deer Park PO- Sinola Dehradun	Medical Science including Pharmaceutical Science	1	DESIGN, DEVELOPMENT AND EVALUATION OF NANOEMULSION BASED FORMULATION OF FLUCONAZOLE	380
Jyotsna Dhanik*	Department of Chemistry CBSH G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Chemistry	1	A FACILE AND NEAT SYNTHESIS OF ?-AMINOPHOSPHONATES CATALYSED BY <i>ZINGIBER OFFICINALE</i> : NATURAL AND BIOCATALYST IN GREEN SYNTHESIS	171
K.K. Vikrant*	Department of Forestry & Natural Resources H.N.B. Garhwal University Srinagar Pauri	Environmental Science & Forestry	2	EXITING AGROFORESTRY SYSTEM AND ITS COMPONENT IN TEHRI DISTRICT OF GARHWAL HIMALAYA	286
Kailash Chandra Pandey*	Department of Botany P.N.G. Govt. (PG) College Ramnagar Nainital	Botany	2	ETHNOBOTANICAL INVESTIGATION OF PLANT DIVERSITY USED IN THE TREATMENT OF JOINT DISEASES BY GUJJARS OF TUMHARIYA DAM NEAR RAMNAGAR, NAINITAL	146
Kailash Chandra*	Shree Dev Bhoomi Institute of Edu. Science & Technology Village Mazhon, P.O. Poundha Dehradun	Medical Science including Pharmaceutical Science	1	STUDIES ON PHYTOCHEMICAL SCREENING AND ANTIMICROBIAL POTENTIALS OF <i>EQUISETUM RAMOSISSIMUM</i> (HORSETAIL)	381
Kalpana Gairola*	Department of Plant Pathology Centre of Advanced Faculty Training in Plant Pathology College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Agricultural Sciences	1	<i>IN-VITRO</i> AND <i>IN-VIVO</i> SCREENING OF ORGANIC AMENDMENTS AGAINST DRECHSLERA BLIGHT PATHOGEN OF SOYBEAN	41
Kalpana Joshi*	Devsthali Vidyapeeth College of Pharmcy Lalpur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	COMPARITIVE INVITRO ANTIOXIDANT ACTIVITIES <i>CYNOGLOSSUM MICRANTHUM</i>	382



10th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS 2015-16

Selected Abstract List POSTER Presentation Presenting Author wise

Presenting Author*	Affiliation/ Organization	Discipline	Cat.	Title of Abstract	Roll No
Kamal Kishor Joshi*	Devsthali Vidyapeeth College of Pharmcy Lalpur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	FORMULATION AND EVALUATION OF PLANEROSOMES OF <i>GANODERMA LUCIDUM</i>	383
Kamraj Singh Tomar*	Department of Biotechnology Dolphin (PG) Institute of Biomedical and Natural Sciences Manduwala Dehradun	Biotechnology, Biochemistry & Microbiology	1	PHYTOCHEMICAL STANDARDIZATION AND <i>IN VITRO</i> ANTIMICROBIAL ACTIVITY OF <i>ACONITUM HETEROPHYLLUM</i> WALL- A RARE MEDICINAL PLANT OF HIMALAYAN REGION	85
Karam Chand*	IVRI Campus Mukteswar-263138 Nainital (UK)	Veterinary Sciences & Animal Husbandry	2	DEVELOPMENT OF COMPETITIVE ENZYME-LINKED IMMUNOSORBENT (C-ELISA) ASSAY FOR DETECTION OF ANTIBODIES AGAINST THE VP7 PROTEIN OF BLUETONGUE VIRUS	468
Kavita Bhatt*	Devsthali Vidyapeeth College of Pharmcy Lalpur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	FORMULATION AND EVALUATION OF METRONIDAZOLE OSMOTIC PUMP TABLETS FOR CONTROLLED DELIVERY BY USING DIFFERENT OSMOGENS	384
Khushboo Pasbola*	Division of Pharmaceutical Sciences Shri Guru Ram Rai Institute of Technology and Sciences Patel Nagar Dehradun	Medical Science including Pharmaceutical Science	1	VALIDATED METHOD DEVELOPMENT FOR THE ESTIMATION OF DOMPERIDONE BY UV- SPECTROSCOPY	385
Kusum Lata Dangwal*	Department of Chemistry D.A.V. (PG) College Dehradun	Chemistry	2	MICROWAVE ASSISTED SYNTHESIS AND CHARACTERIZATION OF A NEW SCHIFF BASE LIGAND AND ITS Fe (III) COMPLEX	181
Lalit Bhatt*	Department of Vegetable Science College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Agricultural Sciences	2	INFLUENCE OF SOIL MOISTURE REGIMES AND MULCH MATERIALS ON GROWTH, YIELD AND ECONOMICS OF SUMMER SQUASH (<i>CUCURBITA PEPO</i> L.) IN UTTARAKHAND	50
Lalit S. Bisht*	Department of Chemistry D.S.B. Campus Kumaun University Nainital	Chemistry	1	CHEMICAL COMPOSTION AND ANTIBACTERIAL ACTIVITY OF THE ESSENTIAL OIL FROM <i>CARPESIUM CERENUUM</i> L.	172
Lochan Varshney*	Uttarakhand Technical University Post Office- Chandanwadi Prem Nagar - Sudhowala Dehradun	Engineering Science and Technology	1	SERDES ARCHITECTURE: A PROMISING SOLUTION FOR THE NEW ERA COMMUNICATION SYSTEM	233
Maheshwari Bisht*	Devsthali Vidyapeeth College of Pharmcy Lalpur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	COMPARATIVE <i>IN-VITRO</i> ANTIOXIDANTS AND <i>IN VIVO</i> HEPATOPROTECTIVE ACTIVITY OF <i>ANGELICA GLAUCA</i>	386
Maitreyie Narayan*	Department of Environmental Science CBSH G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Environmental Science & Forestry	1	THE PHYTOSOCIOLOGICAL ANALYSIS OF VEGETATION IN NAINITAL	279
Mamta Bharti*	Department of Botany D.S.B. Campus Kumaun University Nainital	Botany	1	ENUMERATION OF ECOLOGICL AND SOCIO-ECONOMIC IMPORTANCE OF MULTIPURPOSE FUELWOOD AND FODDER TREES OF DISTRICT NAINITAL, UTTARAKHAND	132
Mamta*	Department of Plant Pathology Department of Horticulture College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Agricultural Sciences	1	STUDIES ON MANGO DISEASES UNDER TARAI REGION OF UTTARAKHAND	42



10th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS 2015-16

Selected Abstract List POSTER Presentation Presenting Author wise

Presenting Author*	Affiliation/ Organization	Discipline	Cat.	Title of Abstract	Roll No
Manisha Bharti*	Department of Zoology and Environmental Science Gurukula Kangri Vishwavidyalaya Haridwar	Environmental Science & Forestry	1	ENVIRONMENTAL IMPACT ASSESSMENT OF ILLEGAL GANGA MINING AT KANGRI VILLAGE, DISTRICT HARIDWAR (UTTARAKHAND) INDIA	280
Manoj K. Nailwal*	Department of Chemistry D.S.B. Campus Kumaun University Nainital (UK)	Chemistry	2	CHEMICAL CONSTITUENTS OF THE ESSENTIAL OIL OF <i>SENECIO GRACILIFLORUS</i> (WALL.) DC.	182
Manoj Kumar Singh*	Department of Biotechnology Kumaun University Bhimtal Campus Bhimtal Nainital	Medical Science including Pharmaceutical Science	2	<i>IN VITRO</i> ANTIDIABETIC ACTIVITY OF <i>PRUNELLA VALGURIS</i> L. METHANOLIC SPIKE EXTRACT	414
Manoranjan Rout*	ICAR-Project Directorate on Foot and Mouth Disease Mukteswar-263138 Nainital	Veterinary Sciences & Animal Husbandry	2	APPLICATION OF 3AB3 NON-STRUCTURAL PROTEIN ELISA FOR SEROSURVEILLANCE OF FOOT-AND-MOUTH DISEASE IN PIG POPULATION IN MIZORAM STATE OF INDIA	469
Manpreet Kaur*	Plant Physiology Division Forest Research Institute Dehradun (UK)	Botany	2	RESPONSE OF ANTIOXIDANT ENZYMES IN <i>XANTHIUM STRUMARIUM</i> L. UNDER MULTI-METAL TOXICITY	147
Mohit Agarwal*	Department of Botany and Microbiology Gurukul Kangri University Haridwar	Biotechnology, Biochemistry & Microbiology	1	EFFECT OF BACTERIAL CONSORTIA AND RHIZODEPOSITION ON BIOFILM FORMATION OF <i>PAENIBACILLUS POLYMYXA</i> MSUC1 AND <i>PAENIBACILLUS JAMILAE</i> MSUC2	86
Monika Bhatt*	Division of Pharmaceutical Sciences Shri Guru Ram Rai Institute of Technology and Sciences Patel Nagar Dehradun	Medical Science including Pharmaceutical Science	1	DESIGN AND EVALUATION OF POLYMERIC PATCHES FOR BUCCAL DRUG DELIVERY	387
Monika Negi*	Department of Clothing and Textiles College of Home Science G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Home Science	1	EVALUATION OF DIFFERENT RETTING METHODS ON DHAINCHA (<i>SESBANIA ACULEATA</i>) FIBRE	304
Mukesh Chandra Kestwal*	Uttarakhand State Council for Science and Technology Dehradun	Mathematics; Statistics & Computer Science	1	ENERGY EFFICIENT SCHEDULING WITH THE NEXT GENERATION CONNECTIVITY IN CLOUD DATA CENTERS: GREEN APPROACH	353
Muneer Alam*	Department of Pharmaceutical Chemistry Global Institute of Pharmaceutical Education and Research Kashipur U.S. Nagar	Medical Science including Pharmaceutical Science	1	MULTICOMPONENT REACTIONS DESIGN IN THE EXPEDITION FOR MOLECULAR INVOLVEDNESS AND MISCELLANY	388
Naveed Chowdhary*	Toxicology Lab Department of Zoology D.A.V. (PG) College Dehradun	Zoology	1	ROLE OF DISSOLVED ORGANIC CARBON ON PHOTOTOXIC ACTIVITY OF ANTHRACENE AND RETENE ON AQUATIC ORGANISM IN GARHWAL REGION	484
Neelam Bamola*	Shri Guru Ram Rai Institute of Sciences and Technology Patel Nagar Dehradun	Biotechnology, Biochemistry & Microbiology	2	PRODUCTION OF ANTIFUNGAL METABOLITES AND INDUSTRIALLY IMPORTANT ENZYMES BY SOIL BACTERIA ISOLATED FROM CULTIVATED LAND FROM GARHWAL REGION IN UTTARAKHAND	99
Neetu Bohra*	D.S.B. Campus Kumaun University Nainital (UK)	Botany	2	HPLC ANALYSIS OF RHIZOME OF <i>PICRORHIZA KURROOA</i> ROYLE EX BENTH OF GARHWAL HIMALAYA	148
Neetu Rajpoot*	Devsthali Vidyapeeth College of Pharmacy Laipur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	DEVELOPMENT AND EVALUATION OF FLOATING DICLOFENAC SODIUM-ALGINATE BEADS USING BIOPOLYMER OBTAINED FROM <i>GLYCINE MAX MERR</i>	389
Neha Chopra*	Department of Botany D.S.B. Campus Kumaun University Nainital (UK)	Botany	1	INVENTORY OF ETHNOBOTANICAL TREES ALONG THE ROAD FROM KATHGODAM TO JEOLIKOTE, NAINITAL	133



10th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS 2015-16

Selected Abstract List POSTER Presentation Presenting Author wise

Presenting Author*	Affiliation/ Organization	Discipline	Cat.	Title of Abstract	Roll No
Neha Kunjwal*	Department of Entomology College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Agricultural Sciences	2	NESTING BIOLOGY AND DOMICILATION OF <i>MEGACHILE LANATA</i> FABRICIUS (MEGACHILDAE: HYMENOPTERA)	51
Neha Mehra*	Department of Family Resource Management College of Home Science G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Home Science	1	TO STUDY WORKING PATTERN OF WORKERS IN HOSPITALITY AND TOURISM INDUSTRY IN THE KUMAUN REGION OF UTTARAKHAND	305
Neha Tripathi*	Department of Family Resource Management College of Home Science G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Home Science	1	WARNING SYMBOLS: A MEASURE TO MAKE YOUR CHILD SAFE	306
Nidhi Gupta*	Forest Pathology Division Forest Research Institute PO- New Forest Dehradun	Biotechnology, Biochemistry & Microbiology	1	SCREENING DIFFERENT FUNGAL SPECIES FOR LOVASTATIN PRODUCTION	87
Nihar Nalini Mohanty*	IVRI Mukteswar-263138 Nainital (UK)	Veterinary Sciences & Animal Husbandry	1	RECOMBINANT TYPE IV FIMBRIAL SUBUNIT PROTEIN: A POTENTIAL VACCINE CANDIDATE FOR HAEMORRHAGIC SEPTICAEMIA (HS)	466
Nirmala Koranga*	Department of Botany D.B.S. (PG) College Dehradun	Botany	3	STUDY THE MOSAIC VIRUS AFFECTS PHYSICAL PROPERTIES OF BOTTLE GOURD (<i>LAGENARIA SICERARIA</i> STANDL.) IN WESTERN HIMALAYAS	150
Om Prakash*	Department of Chemistry CBSH G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Chemistry	1	METABOLITE PROFILING OF METHANOLIC LEAVES EXTRACT OF FOUR CITRUS SPECIES COLLECTED FROM KUMAUN REGION OF UTTARAKHAND	173
Pallavi Dubey*	Chemistry Division Forest Research Institute Dehradun	Chemistry	1	PHYTOCHEMICAL APPROACHES TOWARDS EFFICIENT UTILIZATION OF <i>PINUS ROXBURGHII</i> NEEDLES	174
Pankaj Kumar Singh*	Department of Animal Nutrition College of Veterinary and Animal Sciences G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Veterinary Sciences & Animal Husbandry	2	EFFECT OF HERBAL FEED ADDITIVES ON PRODUCTION PERFORMANCES AND EGG QUALITY OF WHITE LEGHORN LAYING HENS	470
Pankaj Kumar*	Department of Entomology College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Agricultural Sciences	1	IPM FOR VARIOUS INSECT-PEST INFESTING CAPSICUM CROP GROWN UNDER PROTECTED CONDITION	43
Paridhi Bisht*	D.S.B. Campus Kumaun University Nainital (UK)	Chemistry	1	CHEMICAL COMPOSITION OF ESSENTIAL OIL FROM <i>ANAPHALIS BUSUA</i>	175
Parminder Ratan*	Division of Pharmaceutical Sciences Shri Guru Ram Rai Institute of Technology and Sciences Patel Nagar Dehradun	Medical Science including Pharmaceutical Science	2	CHITIN DERIVATIVES FROM CRUSTACEANS REGULATES BIOCHEMICAL ALTERATIONS INDUCED BY CHRONIC STRESS IN EXPERIMENTAL SWISS ALBINO MICE	415
Parul Bhatt Kotiyal*	Forest Soil and Land Reclamation Division Forest Research Institute Dehradun	Environmental Science & Forestry	2	SOIL HEALTH CARD FOR TEHRI GARWAL DISTRICT OF UTTARAKHAND	287
Piyush Mandhar*	Roorkee College of Pharmacy Roorkee Haridwar	Medical Science including Pharmaceutical Science	1	FORMULATION AND EVALUATION OF SUSTAINED RELEASE REPAGLINIDE MICROSPHERE USING ION GELATION TECHNIQUE	390



10th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS 2015-16

Selected Abstract List POSTER Presentation Presenting Author wise

Presenting Author*	Affiliation/ Organization	Discipline	Cat.	Title of Abstract	Roll No
Pooja Dhiman*	Department of Botany and Microbiology H.N.B. Garhwal University Srinagar Pauri	Biotechnology, Biochemistry & Microbiology	1	EFFECT OF FOREST FIRE ON MICROBIAL POPULATION- A PRELIMINARY STUDY	88
Poonam Takuli*	Department of Botany D.S.B. Campus Kumaun University Nainital	Botany	1	<i>IN VITRO</i> EVALUATION OF ANTIOXIDANT POTENTIAL OF <i>SELAGINELLA INVOLVENS</i> (SW.) SPRING	134
Poonam*	Department of Family Resource Management College of Home Science G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Home Science	1	A MICROSCOPIC ANALYSIS OF WORK- HOME ROLE CONFLICTS FACED BY WOMEN OF SELF HELP GROUPS IN UTTARAKHAND STATE	307
Pradeep Muley*	Department of Earthquake Engineering Indian Institute of Technology Roorkee Roorkee Haridwar	Engineering Science and Technology	1	ASSESSMENT OF LIQUEFACTION POTENTIAL OF ROORKEE CITY USING IN-SITU TESTS	234
Prakash Nautiyal*	Department of Zoology and Biotechnology H.N.B. Garhwal University Srinagar Pauri	Zoology	3	ASSESSMENT OF WATER QUALITY AND FLOW CONDITIONS OF A FIRST-ORDER STREAM IN LESSER HIMALAYA	490
Pramila Verma*	Department of Botany & Microbiology H.N.B. Garhwal University Srinagar Pauri	Biotechnology, Biochemistry & Microbiology	1	BACTERIAL DIVERSITY IN RHIZOSPHERIC SOIL AND NON- RHIZOSPHERIC SOIL OF <i>PINUS</i> <i>ROXBURGHII</i> OF PAURI GARHWAL	89
Pramod Nag*	Department of Botany Pt. L.M.S. Government (PG) College Rishikesh Dehradun	Environmental Science & Forestry	2	<i>STEREOCAULON FOLIOLOSUM</i> AS INDICATOR OF HEAVY METAL POLLUTION ALONG VARIOUS LAND USE GRADIENTS IN KUMAUN, WESTERN HIMALAYA	288
Prashant Arya*	Department of Botany and Microbiology H.N.B. Garhwal University Srinagar Pauri	Biotechnology, Biochemistry & Microbiology	2	ANTIBACTERIAL ACTIVITY OF MEDICINAL PLANT <i>ANGELICA GLAUCA</i> EXTRACTS AGAINST RESPIRATORYTRACT PATHOGENS	100
Prashant Singh*	Department of Chemistry D.A.V. (PG) College Dehradun	Environmental Science & Forestry	3	TOXIC HEAVY METALS (THM) CONTAMINATION IN SURFACE WATER SOURCES OF ALMORA	293
Pratibha*	Division of Pharmaceutical Sciences Shri Guru Ram Rai Institute of Technology and Sciences Patel Nagar Dehradun	Medical Science including Pharmaceutical Science	1	FORMULATION AND EVALUATION OF FLOATING MICROSPHERES LOADED WITH VREAPAMIL HYDROCHLORIDE	391
Preeti Gairola*	Uttaranchal University Prem Nagar Dehradun	Physics	1	POLYANILINE-EXPANDED GRAPHITE- NANOFERRITE COMPOSITE FOR SHIELDING OF ELECTROMAGNETIC POLLUTION	438
Preeti Sharma*	Department of Environmental Science CBSH G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Environmental Science & Forestry	1	HEAVY METAL SEQUESTRATION FROM AQUEOUS SOLUTION USING <i>HYOPHILA</i> <i>INVOLUTA</i> (HOOK.) JAEG. AND <i>THUIDIUM TAMARISCINUM</i> (HEDW.) SCHIMP.	281
Preeti Singh*	Department of Family Resource Management College of Home Science G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Home Science	1	HEALTH PROBLEMS OF WORKERS INVOLVED IN CHIKANKARI WORK AT SMALL SCALE INDUSTRY OF INDIA	308
Pritee Pant*	Department of Botany D.S.B. Campus Kumaun University Nainital (UK)	Botany	1	STUDIES ON QUALITATIVE PHYTOCHEMICAL ANALYSIS AND ANTIOXIDANT ACTIVITY OF <i>SENECIO</i> <i>NUDICAULIS</i> (WALL. EX DC.)	135



10th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS 2015-16

Selected Abstract List POSTER Presentation Presenting Author wise

Presenting Author*	Affiliation/ Organization	Discipline	Cat.	Title of Abstract	Roll No
Priyanka Agarwal*	Department of Environmental Science CBSH G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Environmental Science & Forestry	2	LCA AS A TOOL FOR ENVIRONMENTAL MANAGEMENT: FERTILIZER INDUSTRY AS A PARTNER FOR SUSTAINABLE DEVELOPMENT	289
Priyanka Arya*	Department of Aquaculture College of Fisheries G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Veterinary Sciences & Animal Husbandry	1	EVALUATION OF GROWTH PROMOTING AND IMMUNOSTIMULATORY EFFECTS OF FEED NUTRACEUTICAL STIMULIN IN <i>LABEO ROHITA</i>	467
Priyanka Bijalwan*	Horticulture (Vegetable Science) V.C.S.G. Uttarakhand University of Horticulture & Forestry Bharsar Pauri	Agricultural Sciences	1	GENETIC DIVERGENCE IN CHILLI (<i>CAPISICUM ANNUUM L.</i>)	44
Priyanka Uniyal*	Department of Botany & Microbiology H.N.B. Garhwal University Srinagar Pauri	Botany	1	REPRESENTATIVES OF THE GENERA <i>LACTARIUS</i> AND <i>LACTIFLUUS</i> FROM KEDARNATH WILDLIFE SANCTUARY	136
R.S. Aswal*	Department of Zoology and Environmental Sciences Gurukula Kangri University Haridwar	Environmental Science & Forestry	2	ASSESSMENT OF GANGA CANAL WATER FOR ITS IONIC COMPOSITION AT HARIDWAR, UTTARAKHAND	290
Rachna Rautela*	Laboratory of Microbiology Department of Botany & Microbiology H.N.B. Garhwal University Srinagar Pauri	Biotechnology, Biochemistry & Microbiology	1	A PRELIMINARY STUDY ON BACTERIAL DIVERSITY OF SPELEOTHEMS OF SAHASTRADHARA CAVE	90
Rahul Bathla*	IDT Oil and Natural Gas Corporation Ltd. Kaulagarh Road Dehradun	Chemistry	1	PHYTOCHEMICAL ANALYSIS, ANTIOXIDANT AND HEPATOPROTECTIVE ACTIVITY OF <i>ROSCOEIA PURPUREA SM.</i> , A ZINGIBERACEOUSHERB COLLECTED FROM KUMAUN HILLS OF UTTARAKHAND	176
Rajendra Prasad*	Department of Chemistry D.S.B. Campus Kumaun University Nainital (UK)	Chemistry	1	ESSENTIAL OIL COMPOSITION AND ANTIBACTERIAL ACTIVITY FROM <i>DICLIPTERA ROXBURGHIANA NEES</i>	177
Rajesh Arora*	Department of Chemistry D.A.V. (PG) College Dehradun	Chemistry	3	REMOTE SENSING AND GIS TECHNIQUES FOR MONITORING WATER QUALITY OF YAMUNA RIVER	186
Rajesh Kumar*	Department of Chemistry Kumaun University Nainital	Chemistry	1	NANOSTRUCTURED IRON-ZIRCONIUM MIXED OXIDE AS NOVEL ADSORBENT FOR THE ADSORPTION OF PHENOL IN WASTEWATER	178
Rajinder Kaur*	Department of Fisheries Resource Management College of Fisheries G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Zoology	1	EFFECT OF FEEDING OF POINTED GOURD (<i>TRICHOSANTHES DIOICA</i>) FRUIT ON BIOCHEMICAL AND HISTOLOGICAL PARAMETERS IN COMMON CARP (<i>CYPRINUS CARPIO</i>)	485
Rajni Karakoti*	Devsthali Vidyapeeth College of Pharmacy Lalpur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	FORMULATION AND EVALUATION OF FLUTICASONE FUROATE NASAL SPRAY	392
Rajni Rawat*	ICAR-National Bureau of Plant Genetic Resources Regional Station Bhowali - 263 132 (Niglat) Nainital	Botany	1	EXPLORATION, COLLECTION AND ETHNOBOTANY OF <i>OCIMUM SPP.</i> FROM FOUR DISTRICT OF UTTARAKHAND	137
Rakesh K. Joshi*	Department of Chemistry D.S.B. Campus Kumaun University Nainital	Chemistry	2	NOTHOAPIOLE AND ?-ASARONE RICH ESSENTIAL OILS FROM HIMALAYAN <i>PLEUROSPERMUM ANGELICOIDES BENTH</i>	183



10th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS 2015-16

Selected Abstract List POSTER Presentation Presenting Author wise

Presenting Author*	Affiliation/ Organization	Discipline	Cat.	Title of Abstract	Roll No
Rakesh Singh*	Wadia Institute of Himalayan Geology 33- General Mahadeo Singh Road Dehradun	Earth Sciences including Geology, Geomorphology, Geophysics, Glaciology and Geography	1	SWS MEASUREMENTS FOR MONITORING STRESS LEVEL: OBSERVATIONS FROM LOCAL EARTHQUAKES IN CHAMOLI REGION, GARHWAL HIMALAYA	200
Rakshit Pathak*	Defence Institute Of Bio-Energy Research (DIBER-DRDO) Gorapadao Haldwani Nainital	Chemistry	1	DEACIDIFICATION OF JATROPHA OIL BY USING SILICA GEL.	179
Ram Kumar Sharma*	Graphic Era University 566/6 Bell Road, Clement town Dehradun	Material Science & Nano Technology	2	INVESTIGATION OF CORROSION AND WEAR RESISTANCE OF ELECTROLESS Ni-P-Al ₂ O ₃ -ZrO ₂ COATINGS	335
Ramandeep Kaur*	Devsthali Vidyapeeth College of Pharmcy Lalpur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	EVALUATE THE <i>IN-VITRO</i> ANTI- INFLAMMATORY AND ANTIOXIDANT POTENTIAL OF METHANOLIC EXTRACT OF ROOTS OF <i>ONOSMA HISPIDUM</i> (RATANJOT) GROWN IN WESTERN HIMALAYAN REGIONS	393
Rashmi Rawat*	Department of Botany and Microbiology H.N.B. Garhwal University Srinagar Pauri	Biotechnology, Biochemistry & Microbiology	1	BACTERIAL DIVERSITY OF A WATER AND SEDIMENT OF A COLD SULPHUR SPRING OF UTTARAKHAND	91
Raushani Raj*	Department of Environmental Sciences Kanya Gurukul Campus Gurukul Kangri University Haridwar	Environmental Science & Forestry	1	A STUDY ON RELATIVE OCCURRENCE OF MYCOFLORAL PROPORTIONS AT DIFFERENT SITES OF HARIDWAR CITY	282
Ravi Pathak*	G.B. Pant Institute of Himalayan Environment and Development Kosi-Katarmal Almora	Environmental Science & Forestry	1	AVIFAUNAL DIVERSITY IN 'SURYA KUNJ' <i>EX SITU</i> CONSERVATION SITE, KOSI-KATARMAL, ALMORA (UTTARAKHAND)	283
Reedam Bora*	Devsthali Vidyapeeth College of Pharmcy Lalpur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	DEVELOPMENT AND EVALUATION OF SUSTAINED RELESE TABLET OF DICLOFENAC USING THE BIOPOLYMER OBTAINED FROM THE SEEDS OF SOYABEAN (GLYCINE MAX)	394
Rekha Dhanai*	Department of Rural Technology H.N.B. Garhwal University Srinagar Pauri	Rural Technology	2	ENHANCING LIVELIHOOD SECURITY THROUGH INNOVATION AND TECHNOLOGICAL INTERVENTIONS IN TRADITIONAL PRODUCTION SYSTEM: A CASE STUDY FROM RUDRAPRAYAG DISTRICT OF UTTARAKHAND, INDIA	446
Rekha Naithani*	Department of Home Science H.N.B. Garhwal University Campus Pauri	Home Science	3	ADOLESCENT GIRLS AWARENES ABOUT HEALTH AND HYGIENE RELATED ISSUES IN PAURI DISTRICT OF UTTARAKHAND- A STUDY	310
Renu Suyal*	G.B. Pant Institute of Himalayan Environment and Development Kosi-Katarmal Almora	Botany	1	IMPACT OF GROWING CONDITIONS IN SECONDARY METABOLITE PRODUCTION AND ANTIOXIDANT ACTIVITIES IN <i>MEIZOTROPIS PELLITA</i> AN ENDEMIC PLANT OF KUMAUN HIMALAYA	138
Richa Pandey*	Devsthali Vidyapeeth College of Pharmcy Lalpur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	FORMULATION AND EVALUATION OF ETHOSOMES OF CLOBETASOL PROPIONATE	395
Rifat Haneef*	Department of Ag. Comm G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Agricultural Sciences	1	A STUDY ON EFFECTIVENESS OF TRAININGS ORGANISED BY SAMETI IN UTTARAKHAND	45
Rinky Bisht*	Department of Biotechnology G.B. Pant Engineering College Ghurdauri Pauri	Biotechnology, Biochemistry & Microbiology	1	ANTIBACTERIAL ACTIVITY OF ENDOPHYTIC FUNGI <i>DALDINA SP</i> BAB 5448 ASSOCIATED WITH <i>CUPRESSUS</i> <i>TORULOSA</i> D.DON	92



10th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS 2015-16

Selected Abstract List POSTER Presentation Presenting Author wise

Presenting Author*	Affiliation/ Organization	Discipline	Cat.	Title of Abstract	Roll No
Rishi Richa*	Department of Post Harvest Process and Food Engineering College of Technology G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Rural Technology	1	ENHANCEMENT OF SHELF LIFE OF MALTA FRUIT: IMPROVE ECONOMIC CONDITION OF UTTARAKHAND	445
Ritwik Mondal*	Department of Zoology D.A.V. (PG) College Dehradun	Zoology	1	MARK-RELEASE CAPTURE (MRR) STUDY TO DETERMINE THE DISPERSAL OF <i>Aedes aegypti</i> AND <i>Aedes albopictus</i> IN DEHRADUN CITY, UTTARAKHAND	486
Rohini Kunwar*	Department of Pharmaceutical Sciences H.N.B. Garhwal University Srinagar Pauri	Medical Science including Pharmaceutical Science	1	PERIODONTAL GEL OF LIDOCAINE FOR TOOTH EXTRACTION	396
Rohit Kumar Trivedi*	Shree Dev Bhoomi Institute of Edu. Science & Technology Village Mazhon, P.O. Poundha Dehradun	Medical Science including Pharmaceutical Science	1	MEDICINAL PROPERTIES OF OLIVE LEAF EXTRACT	397
Rohit Kumar*	Uttarakhand Council for Biotechnology Biotech Bhawan Haldi -263146 U.S. Nagar	Mathematics; Statistics & Computer Science	1	CLOUD COMPUTING: AN EMERGING SOLUTION FOR "HUGE" GENOMICS DATA	354
Roushan K. Thakur*	Department of Zoology and Environmental Science Gurukula Kangri Vishwavidyalaya Haridwar	Environmental Science & Forestry	1	SCANNING ELECTRON MICROSCOPY AND EDAX STUDY OF SCALES OF <i>GENUS PUNTIUS</i>	284
Ruchi Tripathi*	Department of Plant Pathology College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Agricultural Sciences	1	ISOLATION AND EVALUATION OF <i>CLAVIBACTER MICHIGANENSIS</i> SUBSP <i>MICHIGANENSIS</i> STRAINS FROM TOMATO (<i>LYCOPERSICON ESCULENTUM</i> MILL.) SEED SAMPLES OF COMMERCIAL VARIETIES IN UTTARAKHAND IN DIFFERENT GROWTH MEDIUM	46
Ruchika Sharma*	Department of Biotechnology Kumaun University Bhimtal Campus Bhimtal Nainital	Medical Science including Pharmaceutical Science	1	ANTIDIABETIC ACTIVITY OF <i>CANNABIS SATIVA</i> ROOTS	398
S. Kumar*	Cluster Development Centre Central Silk Board Kalsi- Vikasnagar Dehradun	Agricultural Sciences	3	CLUSTER PROMOTION PROGRAMME: BOOST UP BIVOLTINE COOCOON PRODUCTION & PRODUCTIVITY AT FARMERS LEVEL IN DOON VELLY	52
Sachin Kumar Singh*	Department of Soil and Water Conservation Engineering College of Technology G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Engineering Science and Technology	1	SEDIMENT CONTROL USING HAY AND TRASH MULCHES AT VARYING LAND SLOPES UNDER SIMULATED RAINFALL CONDITIONS	235
Sakshi Rana*	Cancer Research Institute (CRI) Swami Rama Himalayan Institute Jolly Grant Dehradun	Medical Science including Pharmaceutical Science	1	PATHOLOGICAL PROFILE OF GASTROINTESTINAL (GIT) CANCER TISSUE REPOSITORY IN CRI	399
Sandhya Bhat*	Department of Horticulture College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Agricultural Sciences	1	EFFECT OF <i>IN VITRO</i> MUTAGENESIS ON DIFFERENT EXPLANTS OF STRAWBERRY (<i>FRAGARIA</i> × <i>ANANASSA</i> DUCH.) CV. CAMAROSA	47
Sandhya Bhatt*	Department of Physics G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Material Science & Nano Technology	1	EFFECT OF SIZE AND SHAPE ON COMPRESSION BEHAVIOUR OF NANOMATERIALS AT DIFFERENT TEMPERATURES	333
Sanjay Kumar*	Sugarcane Research Centre Kashipur-244713 U.S. Nagar	Agricultural Sciences	3	EFFICACY OF INTEGRATED WEED MANAGEMENT PRACTICES IN SPRING SUGARCANE	53



**10th UTTARAKHAND STATE SCIENCE AND
TECHNOLOGY CONGRESS 2015-16**

**Selected Abstract List
POSTER Presentation
Presenting Author wise**

Presenting Author*	Affiliation/ Organization	Discipline	Cat.	Title of Abstract	Roll No
Sarita Joshi*	Department of Environmental Sciences G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Environmental Science & Forestry	2	ADSORPTIVE REMOVAL OF CU METAL ION BY USING CROSS LINKED CHITOSAN SILICA GEL COMPOSITE FROM AQUEOUS SOLUTION	291
Satinder Pal Kaur Malhotra*	Faculty of Science & Technology ICFAI University Rajawala Road Selaqui Dehradun	Chemistry	3	NANOTECHNOLOGY IN THE TREATMENT OF CANCER	187
Saurabh Maheshwary*	Graphic Era University 566/6 Bell Road, Clement town Dehradun	Material Science & Nano Technology	2	DEVELOPMENT OF Ni-P-Al ₂ O ₃ -TiO ₂ NANO COMPOSITE COATINGS AND THEIR APPLICATIONS IN DIGESTER OF A PAPER MILL	336
Shailesh Kumar Singh*	Himalayan Institute of Pharmacy & Research Village & P.O. - Rajawala Selaqui Dehradun	Medical Science including Pharmaceutical Science	1	FORMULATION, OPTIMIZATION AND EVALUATION OF SELF EMULSIFYING DRUG DELIVERY SYSTEM OF DICLOFENAC SODIUM	400
Shailja Pant*	Division of Pharmaceutical Sciences Shri Guru Ram Rai Institute of Technology and Sciences Patel Nagar Dehradun	Medical Science including Pharmaceutical Science	1	FORMULATION AND EVALUATION OF FORNIDAZOLE LOADED EMULGEL	401
Shardesh Kumar Chaurasia*	Cellulose and Paper Division Forest Research Institute Dehradun	Biotechnology, Biochemistry & Microbiology	2	BOOSTED BIOLOGICAL DELIGNIFICATION OF <i>MELOCANNA BACCIFERA</i> BY MECHANICAL OPERATION PRIOR TO FUNGAL PRE-TREATMENT	101
Shashi Shekher Rai*	Department of Pharmaceutical Sciences H.N.B. Garhwal University Srinagar Pauri	Medical Science including Pharmaceutical Science	1	COLON TARGETING, VARIOUS APPROCH AND EFFECTIVE ROLE OF POYMERS	402
Shatakshi Kapruwan*	Plant Physiology Division Forest Research Institute Dehradun (UK)	Botany	1	EFFECT OF GROWTH HORMONES ON MICRO PROPAGATION OF <i>ARUNDINARIA FALCATA</i> NEES	139
Sheena Dhiman*	Himalayan Institute of Pharmacy & Research Village & P.O. - Rajawala Selaqui Dehradun	Medical Science including Pharmaceutical Science	1	THERAPEUTIC EXPLORATION OF BERBERINE CHLORIDE IN CHEMICALLY INDUCED HYPOTHYROIDISM	403
Shivani Kala*	Himalayan Institute of Pharmacy & Research Village & P.O. - Rajawala Selaqui Dehradun	Medical Science including Pharmaceutical Science	1	FORMULATION AND EVALUATION OF BILAYER TABLET OF FAMOTIDINE	404
Shivani Verma*	Organic Synthesis Laboratory Department of Chemistry CBSH G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Chemistry	1	AN ECOFRIENDLY AND FACILE ONE POT MULTICOMPONENT SYNTHESIS OF NAPHTHOPYRAN DERIVATIVES USING SiO ₂ @Si@VIL: A HIGHLY EFFICIENT HETEROGENEOUS AND REUSABLE CATALYST	180
Shivashish Kimothi*	H.N.B. Garhwal University Srinagar Pauri	Earth Sciences including Geology, Geomorphology, Geophysics, Glaciology and Geography	2	A NOVEL APPROACH TO SUBSTANTIATE THE ROCK AND SOIL SLOPE FAILURES BY EMPIRICAL AND KINEMATIC ANALYSES: VALIDATION FROM THE CASE STUDY FROM GARHWAL HIGHER HIMALAYA	201
Shraddha Priyadarshini Mishra*	Defence Institute Of Bio-Energy Research (DIBER-DRDO) Gorapadao Haldwani Nainital	Biotechnology, Biochemistry & Microbiology	1	ISOLATION AND CHARACTERISATION OF INDIGENOUS MICROFLORA FOR THEIR ANTAGONISTIC PROPERTY AGAINST <i>RALSTONIA</i> SPP.	93
Shrivardhan Dheeman*	Department of Botany and Microbiology Gurukul Kangri University Haridwar	Biotechnology, Biochemistry & Microbiology	1	AUTOCHTHONOUS AND ALLOCHTHONOUS <i>BACILLUS</i> INVOKE COMPETENCE IN ROOT SYSTEM OF <i>ELEUSINE CORACONA</i> AND INCREASE ITS PRODUCTIVITY	94



10th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS 2015-16

Selected Abstract List POSTER Presentation Presenting Author wise

Presenting Author*	Affiliation/ Organization	Discipline	Cat.	Title of Abstract	Roll No
Shweta Patel*	Department of Entomology College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Agricultural Sciences	1	IMPACT OF ELECTROMAGNETIC RADIATIONS ON BIOLOGY OF <i>APIS MELLIFERA</i> L.	48
Sidharth Kashyap*	Sugarcane Research Centre Kashipur-244713 U.S. Nagar	Agricultural Sciences	3	STATUS OF SUGARCANE VARIETIES IN UTTARAKHAND	54
Sonia Tewari*	Department of Family Resource Management College of Home Science G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar	Home Science	1	FUNCTIONAL FITNESS AMONG SENIOR CITIZENS: A STEP TOWARDS ACTIVE AND INDEPENDENT LIVING	309
Sonu Dwivedi*	D.B.S. (PG) College Dehradun	Chemistry	2	STUDIES ON PHYSICO-CHEMICAL AND EXCESS THERMODYNAMIC PROPERTIES OF ETHANOL WITH ACETIC ACID AT 303.15K	184
Sujata Thakur*	Himalayan Institute of Pharmacy & Research Village & P.O. - Rajawala Selaqui Dehradun	Medical Science including Pharmaceutical Science	1	PREPARATION AND EVALUATION OF INTERPENETRATING POLYMER NETWORK (IPN) HYDROGELS MICROSPHERES OF CLARITHROMYCIN	405
Sumit Kr Rai*	Department of Biotechnology G.B. Pant Engineering College Ghurdauri Pauri	Biotechnology, Biochemistry & Microbiology	2	<i>IN SILICO</i> DRUG DESIGNING FOR <i>NEISSERIA GONORRHOEAE</i> USING DERIVATIVES OF ITS GENERIC DRUG	102
Sumit Singh*	Shree Dev Bhoomi Institute of Edu. Science & Technology Village Mazhon, P.O. Poundha Dehradun	Medical Science including Pharmaceutical Science	1	STANDARDIZATION OF MAHASUDARSHAN CHURNA: A POLYHERBAL FORMULATION	406
Surabhi Pokhriyal*	G.I.S. Institute of Professional Studies Mussoorie Diversion Road Opp. Malsi Deer Park PO- Sinola Dehradun	Medical Science including Pharmaceutical Science	1	FORMULATION AND EVALUATION OF NANO STRUCTURED LIPID CARRIERS OF NALTREXONE HYDROCHLORIDE	407
Swati Chaudhary*	Division of Pharmaceutical Sciences Shri Guru Ram Rai Institute of Technology and Sciences Patel Nagar Dehradun	Medical Science including Pharmaceutical Science	1	FORMULATION AND EVALUATION OF TRANSDERMAL PATCHES OF DICLOFENAC SODIUM	408
Swati Sinha*	Department of Biotechnology Kumaun University Bhimtal Campus Bhimtal Nainital	Biotechnology, Biochemistry & Microbiology	1	CELL SUSPENSION CULTURE OF <i>OROXYLUM INDICUM</i> FOR THE ENHANCEMENT OF PRODUCTION OF BAICALEIN	95
Swati*	Devsthali Vidyapeeth College of Pharmacy Lalpur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	EVALUATION OF <i>IN VITRO</i> ANTIOXIDANT AND HEPATOPROTECTIVE ACTIVITY OF <i>IN VITRO</i> CULTIVATED <i>GANODERMA LUCIDUM</i> STRAINS DARL-4 AND MS-1	409
Sweeti Ahlawat*	Uttarakhand Council for Biotechnology Biotech Bhawan Haldi -263146 U.S. Nagar	Material Science & Nano Technology	1	ULTRA SENSITIVE DETECTION OF MESOTHELIN PROTEIN BIOMARKER USING SELF ASSEMBLED MONOLAYER ASSISTED QUARTZ CRYSTAL NANOBALANCE	334
Tahir Mehmood*	Department of Botany & Microbiology H.N.B. Garhwal University Srinagar Pauri	Botany	1	GENUS <i>AMANITA</i> FROM KEDARNATH WILDLIFE SANCTUARY	140
Tara Singh Bisht*	Department of Biotechnology Kumaun University Bhimtal Campus Bhimtal Nainital	Biotechnology, Biochemistry & Microbiology	1	PERSUADE OF NITROGEN ON BIOMASS GROWTH AND LIPID PRODUCTIVITY OF <i>SCENEDESMUS</i> SP. FOR BIODIESEL PRODUCTION	96



10th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS 2015-16

Selected Abstract List POSTER Presentation Presenting Author wise

Presenting Author*	Affiliation/ Organization	Discipline	Cat.	Title of Abstract	Roll No
Tarun Sharma*	Department of Biotechnology Graphic Era University 566/6 Bell Road, Clement town Dehradun	Biotechnology, Biochemistry & Microbiology	2	ISOLATION AND CHARACTERIZATION OF HIGHLY EFFICIENT PGPR ISOLATES AND THEIR EFFECTS ON TOMATO (<i>LYCOPERSICON ESCULENTUM</i> L.) SEEDLING	103
Upendra Singh*	Department of Zoology and Biotechnology H.N.B. Garhwal University Srinagar Pauri	Zoology	1	EXAMINING SUB-SPECIATION TENDENCIES IN THE SCHIZOTHORACINAE STOCK WITHIN YAMUNA BASIN RIVERS (YAMUNA AND TONS)	487
Urvashi Negi*	Department of Pharmaceutical Sciences H.N.B. Garhwal University Srinagar Pauri	Medical Science including Pharmaceutical Science	1	BILAYER DRUG DELIVERY: A PROMISING ROLE IN RHEUMATOID ARTHRITIS	410
Urvashi Verma*	Department of Botany D.S.B. Campus Kumaun University Nainital	Botany	1	ESTIMATING ANTIOXIDANT ACTIVITY OF HIMALAYAN CYPRESS NEEDLES USING ABTS, DPPH AND SSA ASSAYS	141
V.B. Srivastava*	¹ Regional Sericultural Research Station, Central Silk Board, Sahaspur, Dehradun ² Department of Botany, D.A.V. (P.G.) College, Dehradun	Agricultural Sciences	3	QUANTUM EVALUATION OF FOLICOLOUS MULBERRY DISEASES IN DOON VALLEY AND THEIR IMPACT ON SILK PRODUCTION VIS-A-VIS ECO-FRIENDLY METHOD OF ITS CONTROL IN ORDER TO MAKE SERICULTURE MORE REMUNERATIVE AND ECONOMICALLY VIABLE IN UTTARAKHAND	55
Vandana Tiwari*	ICAR-National Bureau of Plant Genetic Resources Regional Station Bhowali - 263 132 (Niglat) Nainital	Botany	1	A CONTRIBUTION TO THE SEASONAL FLOWERING PLANTS AVAILABLE AND MAINTAINED IN THE HOME GARDENS OF DISTRICT NAINITAL, UTTARAKHAND	142
Vandana*	Plant Physiology Botany Division Forest Research Institute Dehradun	Botany	1	STANDARDIZATION OF NITRATE REDUCTASE ACTIVITY IN LEAVES OF <i>SESBANIA ROSTRATA</i> BREMEK. AND OBERM	143
Versha Rani*	Department of Physics CBSH G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Physics	1	STUDY OF THERMOELASTIC PROPERTIES OF NANO-MATERIALS	439
Vibha*	Genetics and Tree Propagation Division Forest Research Institute Dehradun	Biotechnology, Biochemistry & Microbiology	2	IDENTIFICATION OF MICRO-RNA IN PLANTS USING COMPUTATIONAL APPROACH	104
Vibhuti*	Department of Botany D.S.B. Campus Kumaun University Nainital (UK)	Botany	1	SPECIES COMPOSITION, DIVERSITY AND TRADITIONAL USES OF HOMEGARDEN IN KUMAUN HIMALAYA, INDIA	144
Vikas Bhatt*	Devsthali Vidyapeeth College of Pharmacy Lalpur Rudrapur US Nagar	Medical Science including Pharmaceutical Science	1	FORMULATION AND EVALUATION OF LIQUID BANDAGE FOR TOPICAL DELIVERY	411
Vikas Chander*	Department of Chemistry DBS (PG) College Dehradun	Medical Science including Pharmaceutical Science	1	NUTRITIONAL AND ANTIOXIDANT POTENTIALS OF CERTAIN TYPICAL WILD EDIBLES GROWN IN UTTARAKHAND HIMALAYAS	412
Vikash Kandari*	Department of Chemistry D.A.V. (PG) College Dehradun	Environmental Science & Forestry	2	OPTIMIZATION OF PHARMACEUTICAL WASTE WATER TREATMENT USING RESPONSE SURFACE METHODOLOGY (RSM) COMPARED WITH CONVENTIONAL METHODS	292
Vikram Singh*	Himalayan Institute of Pharmacy & Research Village & P.O. - Rajawala Selaqui Dehradun	Medical Science including Pharmaceutical Science	2	FORMULATION AND EVALUATION THE TRANSUNGUAL DRUG DELIVERY SYSTEM OF FLUCONAZOLE WITH PENETRATION ENHANCER: <i>IRESSINE HERBESTII</i>	416



10th UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS 2015-16

Selected Abstract List POSTER Presentation Presenting Author wise

Presenting Author*	Affiliation/ Organization	Discipline	Cat.	Title of Abstract	Roll No
Vinay Mohan Pathak*	Department of Botany and Microbiology Gurukul Kangri University Haridwar	Environmental Science & Forestry	1	<i>IN VITRO</i> BIODEGRADATION OF "LOW DENSITY POLYETHYLENE" (LDPE) BY <i>BACILLUS</i> SP. ISOLATED FROM CONTAMINATED DISPOSABLE SITES	285
Vineet Kandpal*	M.B. Govt. (PG) College Haldwani Nainital	Chemistry	2	CHEMICAL COMPOSITION OF ESSENTIAL OIL OF HERBACEOUS STEM OF <i>SELINUM WALLICHIANUM</i> SUBSP. <i>TENUIFOLIUM</i>	185
Vinod Nirala*	Uttarakhand Technical University Post Office- Chandanwadi Prem Nagar - Sudhowala Dehradun	Engineering Science and Technology	1	SMART APPROACH FOR SMART CITY, ANTICOLLISON DEVICE USING ULTRASONIC SENSOR	236
Vipul Negi*	D.B.S. (PG) College Dehradun	Medical Science including Pharmaceutical Science	2	TOTAL PHENOLIC CONTENTS AND ANTIOXIDANT CAPACITY OF SOME BIOMASS RESIDUES GENERATED FROM AROMATIC CROPS AND TREE PLANTATION	417
Vishakha Pandey*	Department of Molecular Biology and Genetic Engineering G.B. Pant University of Agriculture & Technology Pantnagar U.S. Nagar (UK)	Biotechnology, Biochemistry & Microbiology	1	UNRAVELING VIRULENCE MECHANISM(S) DURING PHYTOPATHOGENESIS OF KARNAL BUNT (<i>TILLETIA INDICA</i>) OF WHEAT USING HI-THROUGHPUT PROTEOMIC APPROACHES	97
Vivek Kaundal*	University of Petroleum & Energy Studies (UPES) PO- Bidholi, Via Premnagar Dehradun	Science & Society/ Science Communication	1	ECO FRIENDLY SOLAR TREE: FROM THE FUTURE TO THE PRESENT	456
Yogesh Joshi*	Himalayan Institute of Pharmacy & Research Village & P.O. - Rajawala Selaqui Dehradun	Medical Science including Pharmaceutical Science	2	DRUG UTILIZATION EVALUATION OF ANTI-ALLERGIC DRUGS THROUGH PRESCRIPTION MONITORING	418