

2ND SCIENCE CONGRESS
Selected Abstracts

Biotechnology, Biochemistry & Microbiology				
Sno	Title of the paper	Authors	Affiliation	(O)ral/ (P)oster
1	Isolation And Characterization Of Root Nodulating Bacteria From Medicinal Plant <i>Mucuna Pruriens</i> L.	Abhinav Aeron Harish Kumar R.C. Dubey D. K. Maheshwari	Gurukul Kangri University, Haridwar	O
2	Microbial Inoculants: Bioagents Of Evergreen Revolution With Particular Reference To Uttarakhand	Anita Pandey Pankaj Trivedi Shipra Singh LMS Palni	GB Pant Institute of Himalayan Environment and Development, Kosi-Katarmal, Almora	O
3	Fast Growing Plant Growth Promoting Rhizobia From Medicinal Legume, <i>Trigonella Foenum-Graecum</i> L.	Harish Kumar Abhinav Aeron R.C. Dubey D. K. Maheshwari	Gurukul Kangri University, Haridwar	O
4	Micropropagation of two superior Eucalyptus hybrids and their field performance in different agro-climatic zones: FRI-5 (<i>E. camaldulensis</i> DEHN. X <i>E. tereticornis</i> SM) and FRI-14 (<i>E. torelliana</i> F.V. Muell X <i>E. citriodora</i> Hook): A Review	I.D. Arya Sudhir Sharma Sudhir Chauhan Sarita Arya	Tissue culture discipline, Botany division, FRI, Dehradun	O
5	Characterization And Clonal Identification Of Tea Clones Selected From Different Agroclimatic Zones Of India, Using Rapd And Issr Markers	J. Mishra S.K. Nandi L.M.S. Palni A. Prakash	GB Pant Institute of Himalayan Environment and Development, Almora State Biotechnology Programme, Govt. of Uttarakhand, Haldi, US Nagar Barkatullah University, Bhopal	O

6	Role Of PSBA (Herbicide Binding Protein Encoding) Gene In Isoproturon Resistance In Phalaris Minor	M.K.Tripathi Rahul Kumar A.K.Gaur D.P.Mishra	The Institute of Sci and Tech (Icfai Uni),Dehradun G.B.P.University of Agriculture and Technology, Pantnagar	O
7	Chloroplast Dna Restriction Fragment Length Polymorphism In <i>Pinus Roxburghii</i> Sargent(Chir Pine)	Meena Bakshi	FRI, Dehradun	O
8	Adaptation Of Thermotolerance In Groundnut (<i>Arachis Hypogaea</i> L.) Suspension Cultures	Neha Aggarwal Jitendra Singh Baliyan	Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences & Research Balawala, Dehradun	O
9	Protocol optimisation of <i>in-vitro</i> propagation in <i>Rauwolfia serpentina</i>	Richa Bhatt PLL Rao AK Gaur	GBPUA&T, Pantnagar	O
10	Biofuel Production From Biomass By Using Thermophiles	Sachin Kumar Pratibha Dheeran Amita Sinha D K Adhikar	Indian Institute of Petroleum, Dehradun	O
11	Development of Zinc Tolerant Brassica juncea for Potential Use in Phytoextraction	Sandeep Arora Priyanka Saxena Pankaj Kumar Joshi	G. B. Pant University of Agriculture & Technology, Pantnagar	O
12	Studies on aconitase and isocitric dehydrogenase enzymes relevant to citric acid accumulation by <i>Aspergillus niger</i> mutants.	Sanjay Gupta Vikash S. Jadon R. P. Singh	SBS PGI of Biomedical Sciences & Research, Dehradun	O
13	Effect Of Some Phytohormones On Callus Induction In <i>Roylea Elegans</i> Wall. And <i>Zanthoxylum Alatum</i> Roxb.	Sneh lata Bhandari N.S.Bisht Upma Dobhal	H N B Garhwal University Campus Pauri, Pauri	O
14	Molecular Techniques In Wildlife Conservation : Indian Wolves As A Case Study	Tripti Negi Dinesh Sharma Y V Jhala	Wildlife Institute of India, Dehradun HNB Garhwal University, Srinagar	O

15	A Study On The Effluent Characteristics Of Distillery Unit Situated In Dehradun (Uttarakhand)	Ajay Singh G.Awasthi Amod Sharma Richa Arya	Dolphin(PG) Institute of Biomedical & Natural Sciences, Dehradun	P
16	Comparative study of two different methods of DNA Isolation from human blood	Esha Kaushal Divya Singh Zafar Rasheed Rizwan Ahmad	SBS (PG) Inst., Dehradun	P
17	A Study on Ganga River Water In The Areas Of Uttarkhand & Western U.P : From Rishikesh (UK) To Garh Ganga (UP)	Harish Chandra Ajay Singh Jatin Srivastava G.Awasthi Uma Rani	Dolphin(PG) Institute of Biomedical & Natural Sciences, Dehradun Gayatri Biomedical College, Dehradun Kanpur University (UP)	P
18	Antimicrobial Efficacy Of The Leaf Extract Of Bael [Aegle marmelos (L.) Corr.]	Himanshu Saini I.D. Arya R.K. Pande Aradhana	FRI, Dehradun D.B.S. (PG) College, Dehradun S.B.S. (PG) I, Balawala, Dehradun	P
19	Biochemical Parameters Of Oil For Biodiesel From Jatropha Curcas L. Collections And Optimization Of Regeneration Protocol	K.C. Verma A. K. Gaur Arvind Shukla A.K.Pant J.P.N.Rai	G.B.Pant Uni. Of Agri. & Tech. Pantnagar	P
20	Growth Responses And Mycorrhizal Dependency Of Coriaria Nepalensis Seedlings As Influenced By Available Soil P Levels	Kiran Bargali S.S. Bargali	Kumaun University, Nainital Indira Gandhi Agriculture University, KVK, Anjora, Durg, Chhatisgarh	P
21	Effect Of Non-Enzymatic Glycation On The Structure Of Native Human Serum Albumin	Lokendra Kumar Rizwan Ahmad Zafar Rasheed	S.B.S. (PG) Institute of Biomedical Sciences and Research, Dehradun	P
22	Antioxidant and hepatoprotective effect of Ganoderma lucidum extracts against carbon tetrachloride induced liver damage in rats	Manisha Pandey Kumar Saurav Kapil Balvinder Singh R.N. Singh	SBS PGI of Biomedical Sciences & Research, Dehradun	P

23	Effect Of Salmonella And Shigella Cultures On Seed Germination	Mathur Abhishek Sharma Divakar Sharma V.D.	Sai Institute Of Paramedical And Allied Science, Dehradun	P
24	Biodegradation of phenols by indigenous soil bacterial isolates	Nidhi Shrivastava Shradha Pant Vikash S. Jadon Sanjay Gupta	SBS PGI of Biomedical Sciences & Research, Dehradun	P
25	Emergence Of Extended Spectrum β -Lactamase (Esbls) Producing Proteus Species In Milk And Milk Products Of Dehradun City	Nishant Goyal Tejpal Dhewa Shailja Pant	Dolphin (PG) Institute of Biomedical & Natural Sciences. Dehradun	P
26	Siderophore Production By Uropathogenic And Fecal Escherichia Coli Isolates	Parvin Joshi Tripti Ahuja Seema Rawat Vidit Tyagi Shailja Pant	Dolphin (PG) Institute of Biomedical and Natural Sciences, Dehradun Indian Institute of Technology, New Delhi	P
27	Biodegradation and decolorization of azodyes by bacterial isolates	Priya Gupta Shradha Pant Vikash S. Jadon Sanjay Gupta	SBS PGI of Biomedical Sciences & Research, Dehradun	P
28	Antimicrobial efficacy of Lantana camara (leaves and flowers)	Rajwant Kaur Shradha Pant Vikash S. Jadon Sanjay Gupta	SBS PGI of Biomedical Sciences & Research, Dehradun	P
29	Heat Acclimation And Responsive Polypeptides In Groundnut (Arachis Hypogaea L.) Seedlings	Richu Singla Jitendra Singh Baliyan	SBS PGI of Biomedical Sciences & Research, Dehradun	P
30	Callus Culture And Hairy Root Induction For Production Of Active Compounds From Picrorhiza Kurrooa	S.K. Nandi J. Mishra R.K. Agnihotri H. Bhandari B. Lal	G.B. Pant Institute of Himalayan Environment and Development, Kosi- Katarmal, Almora	P

31	Genetic polymorphism of IL-1 receptor antagonist (IL1RN) in Uttarakhand and neighboring States	Shikha Raturi Namrata Vibha Rawat Vikalp Vishwakarma RN Singh Naushad Rais	SBS PGI of Biomedical Sciences & Research, Dehradun	P
32	Biochemical and molecular characterization of bacterial microflora from stored jaggery	Shubhra Singh Ashutosh Dubey Lakshmi Tewari AK Verma	GBPUA&T, Pantnagar	P
33	Antioxidant and hepatoprotective effect of Bauhinia purpurea against carbon tetrachloride induced liver damage in rats	Swati Rastogi Iram Siddique Prapti Karanwal Debashish Ghosh Sanjoy Kumar Pal Balwinder Singh	SBS PGI of Biomedical Sciences & Research, Dehradun	P
34	Antibiotic Susceptibility of Potentially Probiotic Human Faecal Lactobacilli	Tejpal Dhewa Shailja Pant Nishant Goyal Ragupati Sharma	Dolphin (PG) Institute of Biomedical & Natural Sciences. Dehradun	P
35	Propagation of <i>Plumbago Zeylanica</i> Linn. (Safed Chitrak)- an important medicinal plant through conventional and tissue culture techniques	Vidhi Srivastava Meena Bakshi	FRI, Dehradun	P
36	Anti-Malarial Properties Of Some Plants From Garhwal Region Of North- West Himalaya	Virendra K. Dua Gaurav Verma A.P.Dash	BHEL, Hardwar	P

Botany				
Sno	Title of the paper	Authors	Affiliation	(O)ral/ (P)oster

1	Nutritional Attributes Of Hippophae Rhamnoides (Seabuckthorn) And The Role Of Outreach Programmes For Sustainable Livelihood In Higher Himalayan Region Of Uttarakhand.	Deepak Dhyani RK Maikhuri	GB Pant Institute of Himalayan Env. & Dev., Srinagar	O
2	Medicinal Plants of Malsi Range, Dehradun	Ganesh Datt Bhatt S.C. Tiwari	Garhwal University, Srinagar (Garhwal)	O
3	Pattern And Distribution Of Tree Species Richness In Relation To Altitudinal Gradient In Central Himalaya, India	Geeta Kharkwal	DSB Campus, Kumaon University, Nainital	O
4	Allelopathic Impacts Of Invasive Species On Herbaceous Vegetation Of The Garhwal Himalaya	Govind s. Rajwar Indu Tiwari	Govt. Post Graduate College, Rishikesh Govt. Post Graduate College, New Tehri	O
5	Rooting Response In The Stem Cuttings Of Pyrus Communis L. Under The Influence Of Plant Growth Regulators	Kamlapati Chamoli Arun K. Agrawal N.S. Bisht	H.N.B.Garhwal University Campus Pauri, Pauri	O
6	Estimation Loss Of Biodiversity Through Primary Productivity And System Transfer Function In Temperate Grassland Of Western Himalaya	Mahendra Pal Singh Parmar A.K. Agrawal M.D. Kushwah	Department of Botany, Government Post Graduate College, Uttarkashi	O
7	Bamboo Livelihood in Uttarakhand: Traditional knowledge, Issues and Strategy for Development	Manju Sundriyal	G.B. Pant Institute of Himalayan Environment & Development, Kosi-Kataramal, Almora	O
8	Structure, Productivity And Conservation Of An Alpine Pasture Of Garhwal Himalaya.	Manoj Dhaulakhandi	Govt PG College, Rishikesh	O
9	Diversity of timberline forest extensions within Alpine meadow of Dayara	Monika Vats Rashmi Bijalwan Venita Joshi SP Joshi	Dept of Botany, DAV PG College, Dehradun	O
10	Impact Of Biotic Stresses On The Swampy Vegetation Of Doon Valley	Neelam Sharma S. P. Joshi	D.A.V (P.G) College, DehraDun	O
11	Efficient Plant Retrieval Of Certain Ethno-Medicinal Herbs At Garhwal Himalayas By Alginate Encapsulation	Preeti Khanduri K.S Negi	Govt. (P.G.) College, Kotdwar	O

12	B-Structure, Phenology, Production Dynamics, Grazing Behavior and Herbage Exploitation of an Alpine Meadow As Affected By Nomadic	Prem Prakash A. K. Agrawal	Govt. P.G. College, Dwarahat, Almora Govt. P.G. College, Uttarkashi	O
13	Distribution and growth parameters of wonder plant Leh Berry (<i>Hippophae rhamnoides</i> L.) in higher ranges of Uttarkashi district	Richa Badhani Arun Kumar Agarwal	Govt. PG College, Uttarkashi	O
14	Flora of a Fresh water Swamp in Doon valley, Uttarakhand	Sandeep Dhyani Vinod Kumar S.P. Joshi	D.A.V. (P.G.) College, DehraDun	O
15	Evaluation of antimicrobial activity of <i>Bergenia liglata</i> (Haw.) Sternb. And identification of Flavonol compound	Sanyukta Chowdhary DL Verma KR VERMA	Kumaon University, Almora	O
16	Study Of Fungi Causing Rust Diseases In Environs Of Nainital	Anwesha Sah Uma T. Palni	Kumaun University, Nainital	P
17	Study On Physico-Chemical Characterstics Of Tehri Dam Reservoir, Garhwal Himalaya	Ashok k. Agarwal Govind S Rrajwar	Govt. Post Graduate College, Rishikesh	P
18	Tree Seedling Establishment Under Coriaria Canopy - With Special Reference To Restoration Of Degraded Slopes	Beena Joshi Vidit Tyagi M. Kumaiyan	Kumaun University, Nainital	P
19	Effect of water stress on <i>Trigonella Foenum-Greacum</i> L.	BN Pandey	Govt PG College, Lansdowne, Pauri	P
20	Fairy ring area in Pine forests of central Himalayan region	Deepa Pant RC Gupta	Dept of Botany, Kumaon University, Almora	P
21	Analysis of few constituents of <i>Moringa oliefera</i> as a Cytotoxic medicine	Jayendra Singh Kathait	Govt. Intermediate College, Binak Khal, Tehri	P
22	Mushrooms of Binsar Wildlife Sanctuary, a cse study of Central Himalayan region	Kalpna Mungali RC Gupta	Kumaun University, Almora	P
23	Substrate Characteristics For The Growth Of Epiphytic Ferns	Lalit Tewari	Kumaun University, Nainital	P
24	Fodder resources in temperate fruit valley of western Himalayas	Lokender Singh Venita Joshi SP Joshi	DAV PG College, Dehradun	P

25	Water Borne Conidial Fungi From Fresh Water Streams Of Kumaun Himalaya, Uttarakhand	M. Belwal P. Arya S. C. Sati	Kumaun University, Nainital	P
26	Effect of growth regulators on <i>Rauvolfia Serpentina</i> Benth. Ex Kurz	Meenakshi Walia Govind S Rajwar Chetana Thapliyal	Dept of Botany, Govt. PG College, Rishikesh	P
27	A comparative study of air-spores and leaf surface mycoflora of <i>Taxus baccata</i>	ML Upadhyaya RC Gupta	Dept of Botany, Kumaon University, Almora	P
28	On A High Impact Lycopsid of Central Himalaya	N. Punetha Richa Puneha	Govt. P.G. College, Pithoragarh	P
29	Dry Matter Dynamics In Young Aged Bhabar Shisham Forests In Sub-Tropical Part Of Uttarakhand	Neelu Lodhiyal	Department of Botany, Swami Vivekanand Government P.G. College, Lohaghat, (Champawat)	P
30	Variations In Wood Properties Of The Clonal Ramets Of <i>Eucalyptus Tereticornis</i> Sm.	P. K. Pande	Forest Research Institute, Dehradun	P
31	Diversity of Watermolds in a Fresh Water River - Kosi of Uttarakhand	P.C. Paliwal S.C. Sati	Kumaun University, Nainital	P
32	Bryophytic And Herbaceous Vegetation Of <i>Quercus Lanuginosa</i> Forest Along An Altitudinal Gradient	Prabha Bisht Shobha Rawat Neerja Pande Kiran Bargali	D.S.B. Campus, Kumaun University, Nainital	P
33	Growth behaviour of Olive Cultivars grown in Almora hills, Uttarakhand	Prabhakar Joshi KR Verma	Dept of Botany, Kumaon University, Almora	P
34	Safed Musli " <i>Chlorophytum Borivilianum</i> Sant. And Fern.-An Ethno Medicinal Uses	Prakash Verma Hema Joshi	K.U.S.S.J. Campus, Almora	P
35	Impact Of Environmental Pollutions On Water Quality Of The Ganga River	Rajan Kumar Gupta Binaxi	Government Post Graduate College, Rishikesh	P
36	Impact Of Degradation On Biodiversity Of An Alpine Meadow Within Govind Wild Life Sanctuary & National Park, Uttarkashi	Ranjeet Kaur Venita Joshi S.P. Joshi	D.A.V (P.G) College, DehraDun	P

37	Effect of soil combinations on the growth of <i>Terminalia Arjuna</i> W.&A.	Ritu Vishnoi Govind S Rajwar	Dept of Botany, Govt. PG College, Rishikesh	P
38	Foliar epidermal pattern analyses in some medicinal plants of Garhwal	S. Gupta A. Semwal A. Kumar P. Negi	Govt. PG College, Karanprayag Govt. College, Chaubattakhal	P
39	Vital role of <i>Morus alba</i> in development of Uttarakhand	Sangeeta Singh Kehar Singh	BSM (PG) College, Roorkee	P
40	Municipal Solid Waste And The Plant Diversity On Landfill Site Of Doon Valley	Seema Manwal Md. Shahid Venita Joshi S.P. Joshi	D.A.V. (P.G.) College, DehraDun	P
41	Management of wilt disease in <i>Centella asiatica</i> by using antagonistic fungi	Shubhra Bhandari NSK Harsh	FRI, Dehradun	P
42	Glimpses of trees in Roorkee	Shubhra Garg Manjul Dhiman	Dept of Botany, KLDV (PG) College, Roorkee	P
43	Antifungal Activity And Flavanoidal Constituents From Diethyl Ether Fraction Of <i>Boerhaavia Diffusa</i>	Shweta Majgane K.R. Verma D.L. Verma	Kumaun University, Almora	P
44	Effect Of Different Inputs (Npk, Fym & Om) On Soil Properties, Growth And Yield Of Tea (<i>Camellia Sinensis</i> L.)	Vimla Bisht G.C.S. Negi	G.B. Pant Institute of Himalayan Environment and Development, Kosi- Katarmal, Almora	P

Chemistry				
Sno	Title of the paper	Authors	Affiliation	(O)ral/ (P)oster
1	Antimicrobial Activity and Chemical Composition of Essential Oil of <i>Origanum vulgare</i>	AM Painuly JS Jangwan RP Chamoli	Natral Product Lab., Dept of Chem., HNB Garhwal Univ. Campus, Badhsahi Thoul, Tehri	O

2	Liquid Chromatography: State of Art in Proteomics	Bhavtosh Sharma Imran Ali Prashant Singh M.S.M. Rawat	D.A.V. (P.G.) College, Dehradun Jamia Millia Islamia (Central University), New Delhi HNB Garhwal University, Srinagar	O
3	Natural Essential Oils And Their Mass Spectra In Different Analyzer : Comparison Of Ion Trap With Quadrupole Mass Spectra	Chandan S. Chanotiya Chandra S. Mathela	Kumaun University, Nainital	O
4	Chemical Transformation Of Cu And Zn In Polluted Soils Under Field Capacity And Flooding Moisture Regimes	Geeta Tewari P.C. Srivastava Bali Ram Lalit Tewari	D.S.B.Campus, Kumaun University, Nainital G.B. Pant University of Agriculture and Technology, Pantnagar D.S.B.Campus, Kumaun University, Nainital	O
5	Effect of Neem Oil & Neem leaf extract on the incidence of major diseases	IP Pandey Suman Chhimwal Yogita Sharma	Oil Extraction Environment & Disaster Management Lab, DAV PG College, Dehradun	O
6	Physicochemical analysis of the water of Bindal river and its impact on human surrounding by means of various hydrochemical parameters	IP Pandey Yogita Sharma	Oil Extraction Environment & Disaster Management Lab, DAV PG College, Dehradun	O
7	Development Of Electrochemical Nanobiosensor For The Detection Of 2, 4-D Using Mip Techniques	K. P. Singh Manjul M. Prashant Singh	G.B. Pant University of Agric. & Tech. Pantnagar D.A.V (PG) College. Dehradun	O
8	Antimicrobial active-3 Methoxyl-4(1) Hydroxy Flavones from Cheilanthes Dubia hope	Lalita Kabadwal DL Verma	Dept of Chemistry, Kuman Univ. Campus, Almora	O
9	EPR Based Structural Elucidation Of Copper (II) Complexes With Isomeric Benzoylpyridines	Poonam Ghansiala Archana Varshney Shailendra Tripathi	MKP (PG) College, Dehradun Indian Institute of Petroleum, Dehradun	O
10	Instrument Proficiency Programme In University Curriculum : Need Of The Hour	Rashmi Tiwari Poonam Ghansiala Tripti Negi	DAV (PG) College, Dehradun MKP (PG) College, Dehradun Wildlife Institute of India, Dehradun	O

11	A Comparative Analysis Of Drinking Water Of Shiwalik And & Western U.P. Regions	Sandeep Gaur Sandeep Kr. Saxena Sanat Kumar R K Chauhan	Indian Institute of Petroleum, Dehradun Shri Ram Murti Smarak Institute of Medical Sciences, Bareilly	O
12	Synthesis Of High Purity Alum Derived From Waste Aluminium Foils	Sandeep kr.Saxena Sanat kumar N. Viswanadham Ashish Sharma	Indian Institute of Petroleum, Dehradun Govt. P.G. College, Bageshwar	O
13	Variations in Micronutrients due to Implementation of Industrial Effluents, Sewage Water and Press Mud Cake	Satya Prakash	Govt. PG College, Lohaghat	O
14	Chemical constituent from <i>Myrica Esculenta</i>	A Bamola DK Semwal S Semwal D Kandwal V Joshi U Rawat	H.N.B Garhwal University Srinagar	P
15	Nano Analysis of Xenobiotics: A need of Today	A.Badoni I. Ali P.Singh R. Singh M.S.M. Rawat	D.A.V. (P.G.) College, Dehradun Jamia Millia Islamia (Central University), New Delhi Uttarakhand State Council for Science and Technology, Dehradun HNB Garhwal University, Srinagar	P
16	Development of Some New Antiameobic Agents	Asha Budakoti	H.N.B. Garhwal University, Srinagar	P
17	Prebiotic Synthesis Of Adenosine Mono Phosphate (Amp) And Cytosine Mono Phosphate (CMP) Via -Adsorption Desorption Processes On Clay Surface	C.K.Pant Hemlata H.D.Pathak M.S.Mehata	Kumaun University, Nainital	P
18	Chemical Examination Of Gentiana Kumaonesis	D.L. Verma Suman Yadav	Kumaun University, Almora	P

19	Selective Degradation of Various Types of Low Density Polyethylene into Liquid Fuel by Using New Difference Temperature Scavenging (DTS) Technique	Deepak Pant	Dolphin (P.G.) Institute of Bio-Medical & Natural Sciences, Manduwala, Chakarata Road	P
20	Insecticidal Activity And Analysis Of Essential And Fixed Oils From <i>Perilla Frutescens</i> And <i>Verbascum Thapsus</i>	Dimri M. Pant G. Rawat M.S.M.	H.N.B.G.U. Srinagar Garhwal	P
21	Nutritive And Mineral Potentials Of <i>Berberis Asiatica</i> And <i>B. Chitria</i>	Harish C. Andola Kailash S. Gaira Soumai Kant Joshi R.S. Rawal	G.B. Pant Institute of Himalayan Environment & Development, Kosi-Katarmal, Almora	P
22	Analysis Of <i>Hedychium Spicatum</i> : A Potent Source Of Natural Antioxidant	Indra D. Bhatt Kundan Prasad Sandeep Rawat Ranbeer S. Rawal	G. B. Pant Institute of Himalayan Environment and Development, Almora	P
23	Application of geographic information system (GIS) arc/ info tool in ground water resource: A case study of Doon valley	IP Pandey MP Tiwari Sadhana Shalini	DAV PG College, Dehradun	P
24	Screening Of <i>Withania Somnifera</i> For Various Biological Activities	Jyoti Agarwal D.L. Verma	Kumaun University S.S.J. Campus- Almora	P
25	Chemical constituent of Volatile Oil of Seed bearing Twig from <i>Vitex Negundo</i> Linn.	K. Moulekhi K. Prasad G. Bisht	Kumaun University, Nainital	P
26	Myricetin-3-O-sophoroside-7-O-glucoside from <i>Prunus nepaulensis</i>	Kamlesh Sirari D.L Verma	Kumaun University , S.S.J. Campus , Almora	P
27	Physioco chemical aspect of crude oil and effluents of the western oil fields and its impact on environments	M.P. Tiwari Salini I.P. Pandey Sadhana	DAV PG College, Dehradun	P

28	Grafting Of Acrylonitrile Onto Cellulosic Material Isolated from Lantana	Neetu Bhatt P. K. Gupta Sanjay Naithani	Forest Research Institute, DehraDun	P
29	Principal Flavonoidal Constituents From Antioxidative Guided Fractionation Of Buoh Extract Of The Leaves Of Bassia Butyracea	Preeti Majgaine D.L.Verma	Kumaon University, S.S.J.Campus Almora	P
30	KAEMPFEROL-3-O- α -L-(GLUCOSYL 1-2) Rhamnoside From Hymenophyllum Crispatum Wall	Rachana Pandey D.L.Verma	Kumaun University,Campus Almora	P
31	Phlomis bracteosa Royle ex Benth.: Essential Oil Composition of Aerial Parts Collected from Pindari Glacier	Rajesh K. Joshi Chitra Pande	G. B. Pant University of Agriculture & Technology, CBSH, Pantnagar D. S. B. Campus, Kumaun University, Nainital	P
32	Bioactive Principles From Achyranthes Aspera	Rashmi Rameshwar Dayal	Forest Research Institute, DehraDun	P
33	Comparative chemical composition and anti-helmentic activity of essential oils and it's major component Beta-Asarone from rhizoms of <i>Acorus calamus</i> Linn.	Ravendra Kumar Om Prakash SK Hore AK Pant CS Mathela	Dept of Chemistry, CBS&H Dept of Taxicology & Pharmacology, College of Veterinary Sciences, GB Pant Univ. of Agri. & Tech., Pantnagar Dept of Chemistry, Kumaun Univ. Nainital	P
34	Biologically active germacranolides from Neolitsea pallens	RC Padalia DS Bisht SC Joshi CS Mathela	Kumaun University, Nainital Grant sponsor: DST, New Delhi	P
35	Iridoids and flavonoid from aerial parts of Ixora paviflora	RK Bachheti D Prasad Archana Joshi	FRI, Dehradun HNB Garhwal University, Uttarkashi	P
36	Terpenoid composition of Persea Duthiei	S.C. Joshi D.S. Bisht R.C. Padalia C.S. Mathela	Kumaun University, Nainital Grant sponsor: DST, New Delhi	P

37	Isolation Pyrane Glycoside from the leaves of <i>Symplocos racemosa</i> and its use as Natural Mordant in fibres dyeing	Satish Chandra Sati Manisha Dobhal	Dept of Chem, HNB Garhwal Univ., Srinagar	P
38	Synthesis And Characterization Of Cobalt(II) Hexacyanoferrate(II)-Glycine Complex	Shah Raj Ali KT Venkateswara Rao Tanveer Alam	Govt PG College, Narayan Nagar, Pithoragarh IIT, Roorkee KLDAVPG College, Roorkee	P
39	Normal Phase Thin Layer Chromatographic Method For Rapid Detection Of Penicillin	Shalini Joshi Charu Dhiman	KLDAV (PG) College, Roorkee	P
40	Removal Of Nickel II Ion From Aqueous Solution By Biomaterial Prepared From Dry Leaves Of <i>Pinus Gerardiane</i>	Sudha Joshi N. D. Kandapal	Kumaon University, S.S.J.Campus Almora	P
41	Analysis of Chloramphenicol in Biological Samples by HPLC	U. Negi P. Singh I. Ali V.K. Gupta	D.A.V. P.G. College, Dehradun Jamia Islamia (Central University), New Delhi IIT, Roorkee	P
42	GC-MS Analysis Of Essential Oils Of <i>Shorea Robusta</i> And Their Electrophysiological And Behavioral Activity In <i>Hoplocerambyx Spinicornis</i>	V.K. Varshney Rameshwar Dayal	Forest Research Institute, Dehra Dun	P
43	Chemical Modification of TKP: Cyanoethylation	Vineet Kumar Puja Goyal Pradeep Sharma	Forest Research Institute (ICFRE), Dehradun	P

Earth Sciences including Geology, Geomorphology & Geophysics

Sno	Title of the paper	Authors	Affiliation	(O)ral/ (P)oster
1	A Preliminary Study Of Landslides On The Neelkanth- Virbhadra Barrage Metalled Road, East Of Rishikesh, In Pauri Garhwal District, Uttarakhand	A.K. Biyani Himali Panthri Divya Dudeja	D.B.S. College, Dehradun	O
2	Glacial Landforms Study Of The Chorabari Glacier - A Case Study From Garhwal Himalaya And Their Environmental Significance	Ajay K. Naithani	H.N.B. Garhwal University, Srinagar (Garhwal)	O

3	Multiproxy Palaeoclimatic and Environmental changes around Baralacha Pass, The Great Himalayan Range, N-W Himalaya	Archna Bohra B.S.Kotlia	Department of Geology, Kumaun University Nainital	O
4	Planning and programming for locating gold and associated mineral deposits in selected areas of various tectonic zones of Uttarakhand Himalaya	D.P. Sharma P.L. Kotiyal D.L. Kolhiyal	Society for mineral resources development, Dronpuri, Dehradun	O
5	Earthquake Prediction In Uttarakhand	Divya Dudeja	DBS College, Dehradun	O
6	Morphometric Analysis Of Tributaries Of The River Ganga In Rishikesh - Neelkanth Area, Uttarakhand	Himali Panthri A.K. Biyani Divya Dudeja	D.B.S. College, Dehradun	O
7	India - Asia Collision And Its Effect On The Lesser Himalaya Lithounits Of Garhwal And Himachal Pradesh Regions: Fossil Evidences From Kakara Formation	K.P. Juyal Manish Semwal	Wadia Institute of Himalayan Geology, Dehra Dun	O
8	Hydrology and concentration of suspended sediment of melt water draining from the Gangotri Glacier, Garhwal Himalaya, India	M.S. Miral Kireet Kumar Sneh Joshi	G.B. Pant Institute of Himalayan Environment and Development Kosi Katarmal- Almora	O
9	Palaeoclimatic Changes Of a High Altitude Saline Lake In Ladakh, Nw India: In Holocene	Nidhi Arya B.S. Kotlia	Department of Geology, Kumaun University, Nainital	O
10	Neotectonics Of Active Garampani Fault, Kumaun Lesser Himalaya, Uttarakhand	P. D. Pant Girish Ch. Kothiyari	Kumaun University Nainital	O
11	Effects of high salinity KCl based mud systems on resistivity logs- A case history from eastern onshore oil fields of India	Pradeep Kumar R.P. Verma	Keshava Deva Malaviya Institute of Petroleum Exploration (KDMIPE), ONGC, Dehradun	O
12	Crustal Strain Study Of Higher And Tethys Kumaun Himalaya Using Gps Geodesy	Rakesh K. Dumka B. S. Kotlia K. Kumar	Kumaun University, Nainital G.B.P. Institute of Himalayan Environment and Development, Kosi- Katarmal, Almora	O
13	Formation And Breaching Of Landslide Dams And Related Aspects: Documented Examples From The Himalaya	Vikram Gupta M. P. Sah	Wadia Institute of Himalayan Geology, Dehra Dun	O
14	First Report Of Fossil Lizards From The Quaternary Of Narmada Valley, Central India	B.S. Kotlia Moulisree Joshi	Kumaun University, Nainital	P

15	Population Growth And Its Impact On Agriculture Land In Ramgad Catchment Of Kumaun Himalaya	Bhagwati Negi Kala Bungla Bhagwati Joshi	Kumaun University, Nainital	P
16	Anthropogenic Impact on Landforms in Kumaun Lesser Himalaya: A Study of Nainital Town	Kala Bungla Bhagwati Negi	Kumaun University, Nainital	P
17	An Assessment Of The Level Of Agricultural Productivity Of Dabka Watershed, Uttarakhand Himalaya: An Overview	Lata Kaira	Govt. P.G. College, Bageshwar	P
18	Hydrogeochemical study of water of Badiyargad catchment, Garhwal Himalaya, Uttarakhand	Madhuri Godiyal GS Rawat MS Sati	Dept of Geology, HNB Garhwal University, Sringar	P
19	Morphometric Analysis Of Third Order Sub-Basin In The Dabka Watershed Kumaun Lesser Himalaya, Using Gis	Pradeep K. Rawat P.C. Tiwari Charu C. Pant	Kumaun University, Nainital	P
20	Metamorphic Zones And Chemogrphic Relationships In The Crystalline Rocks Of Main Central Thrust Zone Of Kumaun Himalaya	S. N. Lal Manju Pandey	Kumaun University, Nainital	P
21	Fossil Otoliths (fish ear stones) from Mohand area, Saharanpur: Discovery from Siwalik Group of the Indian Subcontinent and their geological potential	Sneha Joshi Ansuya Bhandari B N Tiwari Rohtash Kumar	Wadia Institute of Himalayan Geology	P

Environmental Sciences & Forestry				
Sno	Title of the paper	Authors	Affiliation	(O)ral/ (P)oster
1	Biodiversity of the Ganga with Special Reference to Fish and Fisheries and Their Conservation	A.P. Sharma H.R. Singh	GBPUA&T, Pantnagar	O
2	Quantification And Valuation Of Ecosystem Goods And Services From Forests: A Case Of Provisioning Services In Uttarakhand	Abhishek Naithani M.S.Gusain N.S.Bisht C.J.Singh	FRI, Dehradun ICFRE, Dehradun Ministry of Environment and Forest, Paryavaran Bhawan, New Delhi FRI, Dehradun	O

3	Are weeds undersirable plants for the eco-system?	Anu Priya Chawla YP Singh P Singh AN Shukla S Rawat N Singh	FRI, Dehradun	O
4	Ecological Studies In Varunavat Landslide Of Uttarkashi District Of Garhwal Himalaya And Role Of Native Plant Species For Its Biostabilization	Ashish Rawat Prafulla Soni H.B.Vasistha	Forest Research Institute, Dehradun	O
5	Anthropogenic impact on plant richness and water resources in Nainital catchment	G.L. Shah Ashish Tewari Shruti Shah Bhawna Tewari	Dept of Geography Dept of Forestry Kumaun Univ., Nainital	O
6	Musk: A Potential Economic Resource Of Uttarakhand And Conservation Strategy Of Musk Deer Through Captive Farming	Ira Tewari	Kumaun University, Nainital	O
7	Mineralogical And Morphological Evaluations Of Fly Ash As A Secondary Resource Material For Building Bricks	L.P. Singh R.K. Goel Jaswinder Singh	Central Building Research Institute, Roorkee	O
8	Assessment Of Requirementt And Prospects Of Plantation For Fuelwood, Fodder And Other Valuable Plant Species In Two Villages Of Uttarakhand: A Case Study	Manju Dinesh Kumar	F.R.I., Dehradun	O
9	Development of highly polymorphic molecular marker for Fusarium solani associated with Shisham wild disease	Mohd Arif QMR Haq NW Zaidi US Singh	GBPUA&T, Pantnagar Jamia Millia Islamia, New Delhi	O
10	Impact Assessment Of Anthropogenic Activities On Biological Productivity Of Sahastradhara Hill-Stream, Dehradun (Uttarakhand)	Pawan Kr. Bharti D.S. Malik	Gurukula Kangri University, Hardwar	O

11	Effect of Reduced Tillage and Lantana Mulching on Soil Microbial Processes, Soil Fertility and Crop Yield in the Central Himalayan Cropfields	Pramod Kumar Madhuri Pant G.C.S. Negi P.C. Joshi	G.B. Pant Institute of Himalayan Environment & Development, Kosi-Katarmal, Almora Gurukul Kangri University, Hardwar	O
12	Do existing traditional corridors provide connectivity for movement of Asian Elephant (<i>Elephas maximus</i>) in and around the Rajaji National Park?	Ritesh Joshi Rambir Singh	G. B. Pant Institute of Himalayan Environment and Development, Srinagar D.S.T., New Delhi	O
13	Size And Vegetation Structure Of Harvest Gaps, Natural Gaps And Closed Canopy In Kedarnath Wildlife Sanctuary, Uttarakhand	Shalini Misra R.K. Maikhuri	GBPI of Him. Environ. & Dev., Srinagar	O
14	Geomorphological Mapping Of Rajaji National Park	Suneet Naithani	Disaster Management Cell, Uttarakhand Academy of Administration, Nainital	O
15	A contextual analysis of visual and acoustic signals during the breeding phase of Red-wattled Lapwing <i>Vanellus indicus</i>	Vinaya Kumar Sethi Dinesh Bhatt	Gurukula Kangri University, Haridwar	O
16	Removal of Cadmium (II) and Lead(II) from Wastewater by Biosorption onto Non-Living Green Algae <i>Oedogonium</i> sp. : Equilibrium Kinetics and Environmental Effects	Vinod Kumar Gupta Arshi Rastogi	IIT, Roorkee	O
17	Fungal Pathogens Of Lantana Camara	Amit Pandey A.N. Shukla N.S.K. Harsh Suresh Chandra	Forest Research Institute, Dehradun	P
18	Economical Response Of New Hybrid Strain Of Lemon Grass (Ckp-25) Under Poplar Based Agroforestry	Anil Kumar Yadava Jay Prakash Laspal	Kumaun University, Almora	P
19	Diversity Of Plant Species Along An Elivational Gradient In Kumaun Central Himalaya	Chandrapal Singh Bohra LS Lodhiyal Ashish Tewari	Kumaun University, Nainital	P
20	Wood Microstructure of Indian Cotoneaster Linn. (Rosaceae)	Dheerendra Kumar Sangeeta Gupta	F.R.I., Dehradun	P
21	Certain Intercropping Characteristics Of Poplar Plantations In Tarai Agroforestry System In Kumaon Of Uttarakhand	L. S. Lodhiyal	Kumaon University, Nainital	P

22	Forest Floor, Litter Fall And Nutrient Dynamics In Young Aged Shisham Forests In Moist Plain Area Of Kumaon Of Uttarakhand	L.S. Lodhiyal Neelu Lodhiyal	Government P.G. College, Lohaghat (Champawat) Kumaon University, Nainital	P
23	Role Of Soil Macrofauna In Organic Matter Decomposition In Relation To Soil Fertility In District - Almora	Madhuri Pant Pramod Kumar G.C.S. Negi Namita Joshi	G.B. Pant Institute of Himalayan Environment & Development, Kosi-Katarmal, Almora Kanya Gurukul Mahavidyalya, Hardwar	P
24	Assessment Of Biodiversity Conservation Through Fodder Trees In Kumaun Himalayas	Neelam Pant Jay Prakash Laspal	Kumaun University, Almora	P
25	Occurrence of Crystals in Indian Burseraceae	Nisha Bhardwaj Sangeeta Gupta	F.R.I., Dehradun	P
26	Quantitative And Qualitative Assessment Of Ectomycorrhizae In Different Seed Sources Of Pinus Roxburghii In Garhwal Himalaya Of Uttarakhand	P.S. Rawat	FRI, Dehradun	P
27	Identification, distribution and conservation of leguminous and non-leguminous nitrogen fixing plants with special reference to altitudinal variations and nitrogenase activity in Garhwal Himalayan region.	Pankaj Kumar Monika Tyagi TC Pokhriyal S Nautiyal	FRI, Dehradun	P
28	Araphid Flora Of The Vindhyan (Central Highlands), Siwalik And Lesser Himalayan Streams And Rivers	Prakash Nautiyal Asha Agrawal	HNB Garhwal University, Srinagar. Sri Sathya Sai College for Women, HEPO, Bhopal	P
29	Forestry's contribution indices: A tool for forest management	Rajiv Pandey	FRI, Dehradun	P
30	Assessment Of Distribution Of Toxic Metals In Nainital Lake And Their Remediation By Aquatic Macrophytes	Rashmi Yadav D.S. Malik	Gurukula Kangri University, Haridwar	P
31	Cultural And Pathogenic Variability In Isolates Of Fusarium Solani F. Sp . Dalbergiae From Uttaranchal And Their Sensitivity To Fungicides	Rati Sharma Akanksha Ghildiyal A.N.Shukla	Forest Research Institute, Dehradun	P
32	Neck Turning Postures in White-backed Vulture Gyps bengalensis	Romesh Kumar Sharma	Amrapali Institute, Haldwani, Nainital	P
33	ISO 14001 Concepts And Implementation In Uttarakhand	Sanjay Bhutani	HSE, ONGC, Dehradun	P

34	Series of activated carbon and U.V. treatment for drinking and domestic waste water	Sanjay Gupta Vikash S Jadon Suvarna Reddy NA Jagtap	SBSPGI of Biomedical Science and Research, Dehradun	P
35	Potential Of Dry Pine Needles For Papermaking	Sanjay Naithani Ram Chhetri Geetika Naithani P. K.Pandey O.P.Bhatt Anil Naithani	Forest Research Institute, Dehra Dun ABC Paper. Hoisharpur (Punjab)	P
36	Effect of botanicals on the oviposition behaviour of Plecoptera reflexa moths- A major pest of Dalbegria sissoo	Shamila Kalia	FRI, Dehradun	P
37	Hepatoprotective Effect Of Herbal Combination Against Carbon Tetra Chloride Induced Hepato-Toxicity	Sunil Kumar Shoma Devi	D.A.V. (P.G.) College, Dehradun	P
38	Bioremoval Of Heavy Metal Chromium By Blue-Green Algae	V.D. Pandey R.K. Gupta	Pt. L.M.S. Govt. P.G. College, Rishikesh	P
39	Ex-Situ Conservation of native plant species in greening of urban areas	Vinay Kumar S.S. Negi Prafulla Soni Shikha Uniyal	FRI, Dehradun	P
40	Anatomical Studies of Secondary XYLUM in Maytenus Molina (Celastraceae)	Vishakha Saxena Sangeeta Gupta	F.R.I., Dehradun	P

Medical Science including Pharmaceutical Science				
Sno	Title of the paper	Authors	Affiliation	(O)ral/ (P)oster
1	Formulation and characterisation of novel drug carriers of ethinylestradiol for polycystic ovary syndrome	Abhijeet Ojha Mini Kandpal Sunil Kumar Prajapati	Dept of Pharmacy, Kumaun Univ., Bhimtal Inst. Of Pharmacy, Bundelkhand Univ., Jhansi	O

2	Development & Characterization Of Novel Herbal Drug Delivery Carrier System For Improved Bioavailability As Phytosomes Of Some Novel Xanthenes Isolated From Swertia Alternifolia	Ajay Semalty Mona Semalty M. S. M. Rawat	H.N.B. Garhwal University, Srinagar	O
3	Quantitative estimation of Berberine content of Berberis asiatica from different region of Garhwal Himalayas and its anti-diabetic activity	Alok Maithani	SBSPG Institute of Biomedical science and research, Dehradun	O
4	Commercial Potential Of The Leaf Distillate Of 'Geranium'	Mahendra Rana Kumud Upadhyay	Kumaun University, Nainital	O
5	Mitigating effect of 5-Aminosalicyl glutamine in trinitrobenzene sulphonic acid induced experimental colitis	Mini Kandpal Abhijeet Ojha Suneela S Dhaneshwar	Dept of Pharmacy, Kumaun Univer., Bhimtal Poona College of Pharmacy, BVDU, Pune	O
6	Gastroretentive Floating Microspheres Of Diltiazem Hydrochloride: Formulation And Characterization	Mona Semalty Ajay Semalty Lalatendu Mohanty	H.N.B. Garhwal University, Srinagar	O
7	Synthesis And Pharmacological Evaluation Of N-Napthalen-1-Yl-2-[4-(Substituted Phenyl) Piperazine-1-Yl] Acetamides As Antagonist Of Dopamine D2 And Serotonin 5-Ht2 Receptors	Nitin Sati Sushil Kumar M.S.M. Rawat	HNB Garhwal University, Srinagar SGRRITS, Dehradun	O
8	Novel Buccal Mucoadhesive Drug Delivery System Of Diltiazem For Improved Bioavailability	Ranjit Singh Mona Semalty Ajay Semalty	H.N.B. Garhwal University, Srinagar	O
9	Epidemiological Observation of Judicious Use of Antimicrobials in Dehradun	Rekha Bisht Arumugam V. Vijay Juyal	DBS College, Dehradun	O
10	Antimicrobial and Antioxidant Activity of the Extracts of Murraya koenigii	Saurabh Vijay Amit Walia Vivek Kumar Shefali Arora Rakhi Goyal Rakesh	Dolphin (PG) Institute of Biomedical and Natural Sciences, Dehradun	O

11	Pharmacognostic Evaluation Of Tagetes Minuta L. From Uttarakhand	Kumud Upadhyaya C.S. Mathela Mahendra Rana Z.A. Bhatt	Kumaun University, Nainital Kashmir University, J& K.	P
12	Study of effects of the drudgery on the health of the women in hills	Mahesh Bhatt Rita Kala VC Kala	Govt. Combined Hospital, Kotdwar	P
13	Trends Of Self-Medication In Population Of Dehradun	Piyush Mittal Preeti Khothiyal Vijay Juyal Yogesh Joshi	Sri Guru Ram Rai Institute of Technology & Science, Patelnagar, Dehradun	P
14	N-Aryl-2-(3-Oxo-1,4-Benzothiazin-2YL) Acetamides as antifungal agents	Prasoon Gupta Kapil Goel Versha Parcha Veermaram Somesh Thapliyal	Dept of Pharmaceutical Sciences, SBS (PG) Institute of Biomedical Sciences, Dehradun	P
15	Chemical composition and pharamaceutical application of (suspending agent) <i>Vallaris solanaceae</i> fruit polysaccharide	Runjhn Versha Parcha Urmi Chaurasia Sumant	SBSPG Institute of Biomedical science and research, Dehradun	P
16	Studies on Vallaris-solanacea fruit gum: Evaluation of Binding properties	Sumant Versa percha Urmi Chaurashia Runjhun	S.B.S.(PG) Institute of Biomedical Sciences & Research, Dehradun	P
17	Monitoring Of Prescribing Pattern Of Medications Among The Patient Population Of Dehradun	Yogesh Joshi Preeti Kothiyal Vijay Juyal Piyush Mittal	Shri Guru Ram Rai Institute of Technology & Science, Dehradun	P

Physics

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1	Emerging Trends In Nano-Science And Nanotechnology	Ajay	G.B.Pant University of Agriculture and Technology, Pantnagar	O
2	Comparative study of carbon nanotube by equation of state	AK Srivastava	Uttaranchal Institute of Technology, Dehradun	O
3	Future Prospects Of Nanotechnology And Nanoscience	Akhilesh Kumar	Govt. P.G. College, Rishikesh	O
4	Electronic Transport Behaviour Through Nanoscopic Superconducting-Quantum Dot Josephson Junction	Archana Dhyani B.S.Tewari Ajay	G.B.Pant University of Agriculture and Technology, Pantnagar	O
5	Demonstration of Pico Hydro Power Generation: Case study of stand alone and hybrid systems	Arvind Kumar Vinod Singh Hament Parmar SC Nautiyal	Govt PG College, Gopeshwar	O
6	Electronic Spectra Of Layered High Tc Cuprates Using t-t'-TI-J-J3 Model	B.S.Tewari Ajay R.Kishore	G.B.Pant University of Agriculture and Technology, Pantnagar Instituto de Pesquisas Espaciais (INPE), Brazil	O
7	Assessment Of Natural Radionuclide And External Absorbed Gamma Dose In Uttarkashi Region Of Garhwal Himalaya	G.S. Gusain Manjari Badoni Ganesh Prasad Yogesh Prasad T.V. Ramachandran R.C.Ramola	H. N. B. Garhwal University, Badshahi Thaul Campus, Tehri Bhabha Atomic Research Centre, Mumbai	O
8	Effect of laser spikes on the beat wave excitation of plasma wave and particle acceleration	Gunjan Purohit	HNB Garhwal Univ., Srinagar	O
9	Quaternionic Electrodynamics and Dual Electrodynamics	Jivan Singh P. S. Bisht O. P. S. Negi	Govt.Post Graduate College, Pithoragarh Kumaun University, Almora	O
10	Numerical Study of Two-Dimensional Strongly Correlated Systems	Kamlesh Kumari Ishwar Singh	IIT, Roorkee M.S. College, Saharanpur	O

11	Effect of grain boundary scattering on the transconductance of polycrystalline silicon thin- Film transistor	Kiran Sharma DP Joshi	Graphic Era Institute of Technology, Dehradun DBS (PG) College, Dehradun	O
12	Excitation And De-Excitation Mechanism Of Hydrogen Bonded Fluorophores	Mohan Singh Mehata	DSB Campus, Kumaon University, Nainital	O
13	Analysis Of Fundamental Frequency Of Vowel In Garhwali Hindi Speakers	RK Upadhyay	Government P.G. College, Rishikesh	O
14	Electronic density of States of carbon nano tubes	S Patra	GBPUA&T, Udham Singh Nagar	O
15	Drying of Adhatoda Vasaka: Performance evaluation of convective type solar dryer	BS Rawat K Singh GC Joshi	HNB Garhwal Univ., Srinagar	P
16	Mechanism Of Bone Fracture Healing By Pulsed Electromagnetic Field Stimulation	Devendra Singh P.P. Pathak	Gurukul Kangri University, Haridwar	P
17	Study Of SNO2-Nanocrystal At High Pressure	Jeewan Chandra Deepika Kandpal B.R.K.Gupta	G.B.P.Uni. of Ag. & Tech. Pantnagar	P
18	Characterization Of Zinc Ferrite Nanoparticles Prepared By Nitrate Method	Jitendra Pal Singh R.C. Srivastava H.M. Agrawal R.P.S. Kushwaha Prem Chand	G.B. Pant University of Agriculture & Technology, Pantnagar Indian Institute of Technology, Kanpur (UP)	P
19	Fission Cross-Section Calculations Of Some Actinides Involved In The Th-U Fuel Cycle	Kailash Pandey Virendra Singh H. M. Agrawal	G. B. Pant University, Pantnagar	P
20	Analysis of Equation of State for Semiconductors	Kamal Devlal B.R. K. Gupta	Maharaja Surajmal Institute, New Delhi G.B. Pant University of Agriculture and Technology, Pantnagar	P
21	Dynamics Of Phase-Mixing in Force-Free State	Lallan Prasad MK Pandey VK Joshi	M.B. Govt. PG College, Haldwani, Nainital	P

22	Study of optical constants in Cd _x Zn _{1-x} S vacuum evaporated thin films	Pawan Kumar P.N. Dixit T.P.Sharma	Gurukul Kangri Vishwavidyalaya, Haridwar National Physical Laboratory, New Delhi University of Rajasthan, Jaipur	P
23	The (N,2n) Reaction Cross-Section Calculations With The Consideration Of Pre-Equilibrium Effects	Prajapati Kailash Pandey H. M. Agrawal	Govt. Polytechnic College Kashipur G. B. Pant University, Pantnagar	P
24	SHI irradiation induced effects on critical exponent of the electrical conductivity in the para coherence region of thin films of MgB ₂	Ravindra Kumar H.M.Agrawal R.P.S.Kushwaha D. Kanjilal	G.B.P.U.A & T. Pantnagar Inter University Accelerator Centre, New Delhi ICFAI University, Dehradun	P
25	Photoacoustic Spectroscopy: Effect Of Thickness On Thermal Diffusivity Of Semiconducting Thin Films	Seema Kandpal Deepika Kandpal	G.B.P.U. of Ag & Tech. Pantnagar	P
26	Characterization Of Polyaniline And Polypyrrole (Conducting Polymers) Using Swift Heavy Ions	Subhash Chandra R.G. Sonkawade S. Annapoorni J.M.S. Rana R.C. Ramola	H.N.B. Garhwal University, Badshahi Thaul Campus, Tehri Garhwal Inter University Accelerator Center, Aruna Asaf Ali Marg, New Delhi University of Delhi, Delhi	P
27	SU(2) temporal gauge Dyon solutions	Vinod Singh DC Joshi	Govt PG College, Gopeshwar HNB Garhwal Univ., Srinagar	P

Zoology				
Sno	Title of the paper	Authors	Affiliation	(O)ral/ (P)oster
1	Impact Of A Newly Formulated Area Specific Mineral Mixture For Uttarakhand State And Its Efficacy On Production And Haematobiochemical Parameters	Chinmay Joshi	Govt. P.G. College Dwarahat, Almora	O
2	Climatic change and the resurgence of Malaria in Tarai (Kumaon) Region, Uttarakhand	CP Singh	Dept of Zoology, Govt. PG College Narayan Nagar (Pithoragarh)	O
3	Diversity and Conservation of Fish Fauna of Nayar Valley with Reference to Endangered Mahseer (District: Pauri Garhwal, Uttarakhand), Western Himalaya	Devi Prasad Uniyal	UCOST, Dehradun	O

4	Physico-Chemical Environment And Phytoplanktonic Diversity Of Gangori Hatchery, Uttarkashi (U.A.)	M.S. Rawat Geeta Chauhan V.S. Rawat Babita Bantwan Dayal Singh	Govt. P.G. College, Uttarkashi	O
5	Survey Application On Haematophagous Insects Occurring In Different Zones Of District Dehradun (Uttarakhand)	N. Pemola Devi R.K. Jauhari	D.A.V. (P.G.) College, Dehra Dun	O
6	Analysis Of Different Habitats To Identify The Biodiversity Rich Areas In Uttarakhand.	P. C. Joshi	Gurukula Kangri University, Haridwar	O
7	Large Scale Patterns Of Taxonomic And Species Richness In The Fish Fauna In The Indian Highlands-Habitat Diversity Hypothesis.	Prakash Nautiyal	HNB Garhwal University, Srinagar	O
8	Effect On Acute Dose Of Fluoride On The Reproductive Organs Of Male Albino Rat	R. K. Pande Smita Tiwari	D.B.S. (P.G.) College, Dehradun	O
9	Cryopreservation Protocol For Semen Of A Garhwal Himalayan Snowtrout Species (<i>Schizothorax richardsonii</i>)	S.K. Raghuvanshi N.K. Agarwal	HNB Garhwal University Campus Badshahithaul, Tehri	O
10	A study on the population of diatoms as food items of fishes in the lotic water bodies of Kumaun Himalaya	SS Pathani BPS Kanwal Ashok Kumar Manisha Tewari Prakash Ch. Nainwal	Dept of Zoology, Kumaun University, Almora	O
11	Milt Characteristics Of A Garhwal Himalayan Snowtrout (<i>Schizothoracichthys progastus</i>)	Vandana Saini N.K. Agarwal	HNB Garhwal University Campus Badshahithaul, Tehri	O
12	Seasonal changes in the population of three Phthirapteran Ectoparasites infesting sheep	Adesh Kumar Ashok Kumar	BLJ Govt. Degree College, Puroila Govt. PG College, Rishikesh	P
13	Role of nymphal and adult parasite <i>Epiricania melanoleuca</i> (Fletcher) and endosulfon (chemical) in the integrates control of <i>Pyrilla perpusilla</i> (Walker)	Anil Kumar S Negi VD Joshi	Dept of Zoology, Govt PG College, Kotdwara	P

14	Paddy Cum Fish Farming - A Beneficial Venture For Income Generation	KumKum Shah Pratibha Bisht D. C. Pant Lata Bahuguna	L. S. M.G. P. G.C. Pithoragarh	P
15	Physico-Chemical Analysis Of Water Of River Aglar And Its Impact On The Rural Health Of Jaunpur Block (Tehri Garhwal)	Namita Gupta R. K. Pande	D.B.S (P.G) College, Dehradun	P
16	Phthirapteran diversity infesting poultry birds (Gallus gallus domesticus) of Garhwal region	Rakesh Kumar Adesh Kumar M.C. Trivedi	BLJ Govt. Degree College, Purola Govt P.G. College, New Tehri	P
17	Innovative Research On Fertility Control Of Male Animals	S.P. Singh	D.B.S. (P.G.) College, Dehradun	P
18	Electronic Waste "E-Waste": A New Environmental Threat	Vinod Kumar A.K.Chopra	Gurukula Kangri Vishwavidyalaya, Haridwar	P

Agriculture Sciences				
Sno	Title of the paper	Authors	Affiliation	(O)ral/ (P)oster
1	Fertility Constraints And Nutrient Management In Sugarcane Growing Soils In Uttarakhand	AK Pant DS Pandey	(G.B.P.U. A&T, Pantnagar) Kashipur, Udham Singh Nagar	O
2	A study of technology support for the development of sericulture in Doon-valley: A critical view	Alok Gautam VB Srivastava Ramakant S Chakrabarti PN Mishra MA Khan	Regional Sericultural Research Station, Central Silk Board, Dehradun	O
3	Manifestation of some medicinal and aromatic plant extracts on mulberry silkworm Bombyx mori Linn.	Anju Dubey RP Srivastava	GBPUA&T, Pantnagar	O
4	Study On Probability Occurrence Of Rainfall And Agricultural Drought Spells For Efficient Crop Planning In Water Scarce Kumaon Region Of Uttarakhand	Arvind Singh Tomar	College of Technology, Govind Ballabh Pant University of Agriculture & Technology, Pantnagar (Udham Singh Nagar)	O

5	Evaluation Of Genotypes Of Bombyx Mori. L. , A Mulberry Silkworm Under North West Indian Conditions	Babulal R.K.Khatri A.K.Sharma	Zonal Silkworm Seed Organization, Central Silk Board, Majra, Dehradun	O
6	Medicinal flora of mulberry gardens: Strategies for their utilization and conservation	Chetna Thapliyal P. K. Srivastav Madhusudan Chamoli M.A. Khan P.N.Mishra	Regional Sericulture Research Station, Sahaspur, Dehradun	O
7	Entomopathogenic Potential Of An Aerobic Endospore Forming Bacterial (Aefb) Isolate Hsb-2 Against White Grub Anomala Dimidiata (Coleoptera: Scarabaeidae)	G. Selvakumar Anand Deep Gupta S.N. Sushil M. Mohan S. Kundu H.S. Gupta	Vivekananda Institute of Hill Agriculture, ICAR, Almora	O
8	Studies On Different Genetic Parameters For Various Characters In Brinjal (Solanum Melongena L.)	Neelima Joshi Y. V. Singh K. B. Bhushan Bhawana Bisht	G. B. Pant University of Agriculture & Technology, Pantnagar	O
9	Effect Of Stress Treatments On Seed Quality Of Wheat(Triticum Aestivum L.) Varieties	Neeta Tripathi R.S. Verma Omvati Verma	College Of Agriculture, G.B. Pant University Of Agriculture And Technology, Pantnagar	O
10	Endophytic Colonization Of Pea (Pisum Sativum) And Lentil (Lens Culinaris) By Bacillus Thuringiensis KR1 Isolated From Nodules Of Kudzu (Pueraria Thunbergiana)	Pankaj K. Mishra Smita Mishra G Selvakumar Samaresh Kundu Hari Shanker Gupta	Vivekananda Institute of Hill Agriculture, (ICAR), Almora	O
11	Income Generation For The Villagers Of Uttarakhand	Prity Pant	College IT and Management, Haldwani	O
12	Genetics of resistance to banded leaf and sheath blight (rhizoctonia solani f. Sp. Sasakii) in maize (Zea mays L.)	Rahul Kumar M. K. Tripathi I. S. Singh	ICFAI University, Dehradun GBPUAT, Pantnagar	O

13	Eco-Friendly Management Of Early Blight Of Tomato Caused By Alternaria Solani (Ell. And Mart.)	Rashmi Sorari K. Vishnavat	G. B. Pant University of Agriculture & Technology, Pantnagar	O
14	Influence of Fluctuating Radiation Climate on Growth of Wheat (Triticum Aestivum L.) Under Eucalyptus Tereticornis	Ravi Kiran AK Agnihotri	G.B.P.U. of Ag & Tech. Pantnagar Veer Chandra Singh Garhwali College of Horticulture Bharsar	O
15	Sex Specific Cocoon Colour Silkworm Genotypes Of Bombyx Mori L.: A Boon To Sericulture Industry In North India	T.P.S. Chauhan M. K. Tayal Abad A. Siddiqui P. N. Mishra	Regional Sericultural Research Station, Miransahib, Jammu (J&K) Regional Sericultural Research Station, Sahaspur, Dehradun	O
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17	Disease Forecasting - A Means Of Minimize Productivity Loss In Plants	A.K.Sharma R.K.Khatr Babulal B.S.Bhakuni	Central Silk Board, Dehradun	P
18	Evaluation of Mulberry genetic resources and development of breeding strategies for region specific mulberry varieties for North-West India	AC Juyal PN Mishra MA Khan	Regional Sericulture Research Station, Sahaspur, Dehradun Central Sericultural Research & Training Institute, Pampore, Srinagar, J&K	P
19	Effect Of Inorganic Fertilizers And Organic Manure On Seed Germination And Growth Of Solanum Melongena L. Under Environmental Condition.	Anoop Badoni J.S. Chauhan	H. N. B. Garhwal University, Srinagar	P
20	Genetic, Biochemical and Molecular studies of Variability, Heterosis and Combining Ability in Sorghum (Sorghum bicolor (L.)Moench)	Arun Bhatt	G.B. Pant Engg. College, Ghurdauri, Pauri-Garhwal	P

21	Photoacoustic Spectroscopy: A Technique For Screening Of Brassica Juncea Genotypes Against White Rust Caused By Albugo Candida	C.S.Patni Kamal Devlal	G.B. Pant University of Agriculture and Technology, Pantnagar Maharaja Surajmal Institute of Technology, New Delhi	P
22	Growth dynamics of Fusarium solani from Geranium wilt complex disease	D. Prasad S Bist K P Singh	University of Horticulture & Forestry, Ranichauri, S R T Campus, Badshahithaul, Tehri Garhwal	P
23	Gibberellic acid impact on biochemical changes of mulberry (M. alba L) foliase under Doon valley condition of north-west India	GS Maurya SN Sachan TC Pokhriyal PN Mishra	Regional Sericulture Research Station, Sahaspur, Dehradun	P
24	Studies On Comparative Efficacy Of Some Commonly Used Insecticides Against Mango Hoppers, Amritodus Atkinsoni (Leth).	Hitendra Kumar Ajay Kr Gupta SCS Sajwan CP Singh	Dept of Entomology, College of Agriculture, GBPUAT, Pantnagar	P
25	Adaptability Of Newly Evolved Csr Races In Agro-Climatic Condition Of Doon Valley	I.P.Tonk K.K.Sharma D.P.Paliwal B.S.Bhakuni R.K.Khatri	P3 Basic Seed Farm, Majra, Dehradun	P
26	Allelopathic effect of seven medicinal plants viz. Acorus calamus, Aloe barbadensis, Andrographis paniculata, Asparagus racemosus, Cyperus scariosus, Plumbago zeylanica and Rauvolfia serpentina on mulberry	Madhusudan Chamoli PK Srivastav Chetna Thapliyal PN Mishra M.A. Khan	Regional Sericulture Research Station, Sahaspur, Dehradun	P
27	Genetic architecture for seed yield and its components in Indian mustard (Brassica juncea (L.) Czern and Coss)	MK Kabdal Basudeo Singh	GBPUA&T, Pantnagar	P

28	Front line demonstration of disease control in silkworm Bombyx Mori L. through dietary inorganic tissue salts	MK Tayal TPS Chauhan SK Tyagi Avdhesh Kumar VB Srivastava PN Mishra	Regional Sericulture Research Station, Sahaspur, Dehradun Regional Sericultural Research Station, Miransahib, Jammu, J&K	P
29	Infestation of Dermestes beetles in sericulture industry of Dehradun	Pankaj Tewary MK Tayal PN Mishra MA Khan	Regional Sericulture Research Station, Sahaspur, Dehradun Central Sericultural Research & Training Institute, Pampore, Srinagar, J&K	P
30	Isolation, purification, culturing and application of A-41 strain of nitrogen fixing bacteria Azotobacter Chroococcum in mulberry garden soil of Dehradun	PK Singh PN Mishra BD Singh MA Khan	Regional Sericultural Research Station, Sahaspur, Dehradun Central Sericulture Research & Training Institute, Pampore, J&K Chhupepur colony, Varanasi, UP	P
31	Feasibility Of Intercropping Of Some Medicinal Plants In Mulberry Gardens Of Uttarakhand	PK Srivastava Chetna Thapliyal Madhusudan Chamoli PN Mishra M.A. Khan M.S. Rawat	Regional Sericulture Research Station, Sahaspur, Dehradun Central Sericultural Research & Training Institute, Pampore, Srinagar, J&K Herbal Research & Development Institute, Gopeshwar	P
32	Bioefficacy Of Cow Urine And Its Decoctions With Neem And Bhang Against Spodoptera Litura (Fab.)	Poonam Chilana Shri Ram	College of Agriculture, G.B. Pant University of Agriculture and Technology, Pantnagar	P
33	Evaluating awareness and perception of vegetable growers to major diseases of capsicum (Capsicum annuum var. grossum)	Puja Kaddal SRK Singh KS Hooda KN Pandey	Kumaon University, Almora VPKAS Almora VPKAS, Almora Dept of Botany, Kumaon University, Almora	P
34	Quality Seed Production Of Bombyx Mori L. And Its Impact On Silk Industry	R.K.Khatri Babulal A.K.Sharma	Central Silk Board, Dehradun	P

35	Studies On Exploitation Of Antheraea Assamensis Helper In Uttarakhand	R.K.Khatri N.Singh Babulal A.K.Sharma D.P.Paliwal	Central Silk Board, Dehradun	P
36	Fodder intercropping: A tool for profit increase mechanism for tree mulberry cultivation in Uttarakhand	Rama Kant Alok Gautam PN Mishra	Regional Sericulture Research Station, Sahaspur, Dehradun	P
37	Pantoea Dispersa Strain 1a, A Novel Cold Tolerant Plant Growth Promoting Bacterium From The Uttarakhand Himalayas	S. Kundu G.Selvakumar Piyush Joshi Sehar Nazim Anand Deep Gupta H.S. Gupta	Vivekananda Institute of Hill Agriculture, ICAR, Almora	P
38	Screening of some wheat genotypes against Sitophilus Oryzai	Suresh CS Sajwan AK Gupta Hitendra Kumar	GBPUAT, Pantnagar	P
39	Trainings & Technology intervention makes a difference? A case study of work load of women's: a back boon of hill agriculture	V.K. Purohit G.D. Bhatt Jyotsna Sitling Bhuvan Joshi	Aajeevika Priyojana, District Management Unit, Gopeshwar Chamoli Uttarakhand State Council for Science & Technology, Dehradun	P
40	In vitro screening of fungicides for their antifungal action against leaf spot disease under sub-tropical condition of Doon valley	VB Srivastava SN Sachan Anil Dhar MK Tayal TPS Chauhan MA Khan	Regional Sericultural Research Station, Central Silk Board, Dehradun	P

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1	A Multimedia Framework for People Counting and Surveillance for Traffic Crossings	Ankush Mittal	Indian Institute of Technology, Roorkee	O
2	Formulation And Solution Of A Complex System Under Imperfect Switching Using Copula Method For Reliability Analysis	Anuj Kumar S.B.Singh Vishal Dixit	College of Basic Sciences & Humanities G.B.Pant University of Agriculture & Technology, Pantnagar, U.S.Nagar	O
3	The Study Of Incremental Mining Algorithms	Ashish Saxena Manoj Kumar	Gurukul Kangari Vishwavidyala ,Haridwar G.B.P.U.A.T., Pantnagar	O
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6	Mathematical Modeling Of Pervaporation Reactor	Kailas L. Wasewar	Department of Chemical Engineering Indian Institute of Technology (IIT) Roorkee	O
7	A Statistical Analysis of Hill Out-Migration; Trend and pattern in Uttarakhand	O.K. Belwal Navin Bhatt	H.N.B.Garhwal University Srinagar	O
8	A Refined Fuzzy Time Series Time-Invariant Model For Forecasting Paddy Production	Rajesh Joshi S.R.Singh	ICFAI, Dehradun BHU, Varanasi	O
9	Movement Based Location Update Technique For Mobile Agents Using Fluid Flow Model	Rama Sushil Kumkum Garg Rama Bhargava	I. I. T. Roorkee	O
10	Inventory Control Systems for Non Instantaneous Decaying System with Random Rate of Deterioration and Lost Sales	S.R. Singh A.P. Singh Anand Chauhan Pankaj Kumar R.K. Pandey	D.B.S. (P.G.) College, Dehradun	O
11	Development of an Inventory Model with Variable Demand Rate During Stock out Period	Sandeep Kumar Pankaj Kumar R.K. Pandey S.S. Chauhan	Graphic Era Institute of Technology, Dehradun DBS (PG) College, Dehradun D.N. College, Merrut	O

12	Mathematical model of blood flow in porous walls containing some fluid mass undergoing a glushing process	Sanjay Kr Agarwal DS Negi Vipul Garg	Dept of Biostatistics & Biomathematics, Dolphin (PG) Inst. Of Biomedical & Natural Sciences, Dehradun Dept of Mathematics, HNB Garhwal Univ., Srinagar	O
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14	Statistical Analysis of Rainfall Data for Variability, Trend and Prediction of Annual Rainfall in Uttarakhand	Sneh Joshi Kireet Kumar Mukesh Ch. Pant	G. B. Pant Institute of Himalayan Environment & Development, Kosi- Katarmal, Almora IIT, Allahabad	O
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17	Statistical Analysis Of Rainfall Data In The Hilly And Plain Zones : A Study In The Kumaon Region Of Uttaranchal	M. K. Pande S.Bhatt	Kumaun University, Nainital	P
18	Ordering Policies Of Deteriorating Items Under Permissible Delay In Payments And Inflation	Mukesh Kumar R.K. Pandey S. R. Singh	Graphic Era Institute of Technology, Dehradun D.B.S. College, Dehradun D.N. College, Meerut, U.P.	P
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20	Reliability Analysis Of A Complex System Under Human Failure	S.B.Singh Mangey Ram C.K.Goel	G.B.Pant University of Agriculture and Technology, Pantnagar C.C.S.University, Meerut	P

21	Wheat Crop Yield Forecasting Using Weather Parameters at an Organised Farm	Sachin Pathak V. K. Tyagi S. B. Singh	Gurukul Kangri Vishwavidyalaya, Haridwar M.M. (P.G.) College Modinagar Ghaziabad. Yogi G. B. Pant Univ. of Ag. and Tech., Pantnagar	P
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24	Policy decisions of decaying inventory models with partial backorders	Vipul Mehrotra Pankaj Singh SK Soan RK Pandey	DBS (PG) College, Dehradun	P

Engineering Science & Technology				
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1	Integrated water resource conservation and management in Uttarakhand	Anil Kumar	GBPUA&T, Pantnagar	O
2	Ray Tracing of Box Type Solar Cooker	Manish Gupta Ishan Purohit	G. B. Pant Engineering College, Ghurdauri, Pauri	O
3	Crack Arrest Model For Piezoelectromagnetic Plate Under Combined Mechanical, Electric And Magnetic Loads	R. R. Bhargava Namita Saxena	IIT, Roorkee	O
4	An innovative approach for improvement of bearing capacity of sandy soil using waste tyre chip	Ravi Kant Mittal	IIT, Roorkee	O

5	Genetic Algorithm Based Damage Identification In Tapered Structural Members	S.K. Panigrahi S. Chakraverty B.K. Mishra	Central Building Research Institute, Roorkee Indian Institute of Technology, Roorkee	O
6	Solar Drying Of Lemon Slices	B. C Sharma Ishan Purohit	G. B. Pant Engineering College, Ghurdauri, Pauri	P
7	A Novel Complex Valued Neuron Model For Land Sliding Assessment	Kanishka Tyagi Vipunj Kumar Vaibhav Jindal	G.B. Pant University of Agriculture & Technology, Utrakand	P
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9	Role of information technology and data warehousing technology in agriculture system	Manish Pandey	Amrapali Inst. Of Tech. & Sciences, Haldwani	P
10	Strip Saturation Model Solution For A Cracked Piezoelectric Strip	R.R.Bhargava Amit Setia	IIT, Roorkee	P
11	A Study On Crack Arrest And Fatigue Crack Growth For A Piezoelectric Strip With Transverse Crack	R.R.Bhargava Satish Kumar	IIT, Roorkee	P
12	Vibration Analysis Of Plate Structures Using An Efficient Scheme In The Rayleigh-Ritz Method	S. Chakraverty	Central Building Research Institute, Roorkee	P
13	A Systematic Approach To Reduction The T&D Losses: Step Towards Prosperity In Uttarakhand	Sunil Singh Dr S K Goel Paras	G.B.Pant University of Agriculture and Technology Pantnagar	P

Home Science including Textile, Food, Nutrition & Child Development				
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1	Mother's touch: Bhojan Matas in school kitchens	Archana Shah	SRT Campus, HNB Garhwal University, Badshahi Thaul, Tehri	O
2	Study of minimum levels of learning and personality traits of primary school children from Kumaon hills	Jyoti Tiwari	Dept of Home Science, Birla Campus, HNB Garhwal University, Srinagar	O

3	Blending Of Oak Tasar With Viscose For Performance Improvement Of Fabric	Manisha Gahlot	College of Home Science, G.B. Pant University of Agri. & Tech., Pantnagar	O
4	Mordant Printing Of Cotton And Dyeing With Walnut Bark Dye	Neema Papnai Manisha Gahlot	G.B. Pant University of Agri. & Tech., Pantnagar	O
5	Seasonal variations in food-intake of non-pregnant, non-lactating farmer women from hills of Pauri Garhwal	R. Naithani P. Gupta	Dept of Home Science, HNB Garhwal University, Pauri Dept of Home Science, University of Rajasthan, Jaipur	O
6	Retention Of Iodine On Cooked Products Under Different Cooking Processes	Rita S. Raghuvanshi Shikha Choudhary Neetu Dobhal Ruchi Sharma	G.B.P.U.A & T. Pantnagar	O
7	Studies on the Effect of Parental Acceptance and Rejection on Adolescent Alienation	Suchi Shekhar	V.M.K. (P.G.) Degree College, Manglaur, Hardwar	O
8	Optimization Of Process For Dyeing Of Silk With Natural Dyes Extracted From Leaves Of Head Mustard	Arshia Hussain Shahnaz Jahan	G.B. Pant University of Agriculture & Technology, Pantnagar	P
9	National Programme of Nutritional Support to Primary Education, (Mid-Day Meal Scheme) in India	Harish Gangwar	SIMT, Kashipur (U.S.Nagar)	P
10	Process Development For Eco-Friendly Dyeing Of Silk With Chilmora (Rumex Hastatus) Flowers	Hema Sati Shahnaz Jahan	G.B. Pant University of Agriculture & Technology, Pantnagar	P
11	Eco-Friendly Dyeing Of Silk With Fruit Extract Of Sarpagandha (Rauvolfia Serpentina)	Sunita Dixit Shahnaz Jahan	G.B. Pant University of Agriculture & Technology, Pantnagar	P