

UTTARAKHAND STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

List of Selected Abstracts for 4th USSTC at GBPUAT, Pantnagar during 10-12th November, 2009

SUMMARY-1

Discipline	Total No. of Abstracts
Agricultural Sciences	115
Biotechnology, Biochemistry & Microbiology	72
Botany	78
Chemistry	78
Earth Sciences including Geology, Geomorphology, Geophysics & Glaciology	10
Engineering Science and Technology	26
Environmental Science & Forestry	77
Home Science including Textile, Food, Nutrition & Child Development	27
Mathematics; Statistics & Computer Science	38
Medical Science including Pharmaceutical Science	42
Material Science & Nano Technology	16
Physics	35
Veterinary Sciences & Animal Husbandry	10
Zoology	40
Science & Society including Science Popularization	2
total received	666
Poster	303
Oral	363
Category I	411
Category II	156
Category III	99

SUMMARY-2

Discipline	Oral				Poster				Grand Total
	I	II	III	Total	I	II	III	Total	
Agricultural Sciences	22	12	6	40	44	12	19	75	115
Biotechnology, Biochemistry & Microbiology	32	11	5	48	20	3	1	24	72
Botany	29	12	8	49	20	4	5	29	78
Chemistry	26	13	4	43	24	8	3	35	78
Earth Sciences including Geology, Geomorphology, Geophysics & Glaciology	2		3	5	3		2	5	10
Engineering Science and Technology	10	7	3	20	4	2		6	26
Environmental Science & Forestry	16	3	2	21	41	7	8	56	77
Home Science including Textile, Food, Nutrition & Child Development	11	1	2	14	9	4		13	27
Material Science & Nano Technology	6	7	3	16					16
Mathematics; Statistics & Computer Science	20	7	7	34	2	2		4	38
Medical Science including Pharmaceutical Science	12	2		14	18	9	1	28	42
Physics	16	9	3	28	5	1	1	7	35
Science & Society including Science Popularization	1	1		2					2
Veterinary Sciences & Animal Husbandry	1	4	1	6	2	1	1	4	10
Zoology	9	10	4	23	6	4	7	17	40
Grand Total	213	99	51	363	198	57	48	303	666

4th Uttarakhand State Science & Technology Congress -- 10-12th November, 2009 -- at GBPUAT, Pantnagar

Agricultural Sciences -- ORAL

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Effect of Different Sucrose Levels on <i>In Vitro</i> Culture of <i>Solanum tuberosum</i> L.	Anoop Badoni	Research Scholar Seed Biotechnology Laboratory Department of Seed Science and Technology H. N. B. Garhwal Central University Srinagar- 246 174 Tel: 01370- 267664 Mob: 9410195492 Email: annabadoni@yahoo.co.in
2	1	Evaluation of some pollinizers on commercial apple (<i>Malus domestica</i> Borkh.) Cv. red delicious	Pankaj Nautiyal	Subject Matter Specialist (Plant Protection) Krishi Vigyan Kendra (VPKAS-ICAR) Chinyalisaur-249196 Tel: 01371 -237198 Fax: 01371 -237198, 237277 Mob: 9412394661 Email: pankajnautiyal2009@gmail.com
3	1	Residual effect of INM treatments on physico-chemical properties of soil under maize wheat cropping in a mollisol	Rama Dwivedi	College - Agriculture Department of Soil Science G.B. Pant University of Agriculture and Technology Pantnagar-263146 Email: rama_soil@indiatimes.com, ramad81@gmail.com
4	1	Enhancement of chilling tolerance and productivity of inoculated wheat with a cold tolerant plant growth promoting <i>Pseudomonas</i> sp. Strain PPERs23	Shekhar C. Bisht	Vivekanand Parvatiya Krishi Anusandhan Sansthan (ICAR) Almora - 263601 Email: misrapank12@gmail.com Mob: 9412589393
5	1	Effect of PBRs on growth, yield and fruit quality of 'Gola' pear	Mohit Kumar	Senior Research Fellow and Research Scholar Department of Horticulture G. B. Pant University of Agriculture & Technology Pantnagar Mob: 9456216560 Email: mdeshwal35501@gmail.com, m.deshwal@yahoo.co.in

6	1	Establishment of biocontrol technology as cottage industry and development of entrepreneurship among rural youths of Uttarakhand	Sunita Pandey	Biological Control Laboratory Department of Entomology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar (US Nagar) Mob: 9411198420 Tel: 05944-233078 Email: sunitapandey_01@yahoo.co.in
7	1	Stability analysis for yield and insect resistance in cowpea varieties	Bhawana Pandey	Ph.D Scholar Veg Science G.B. Pant University of Agriculture and Technology Pantnagar (US Nagar) Mob: 9412930823 Email: bhawana.2nov@gmail.com
8	1	Influence of weather parameters on growth of wheat (<i>Triticum aestivum</i> L.)	R. K. Pal	Research Scholar Department of Agrometeorology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar- 263145 Mob: 9528157498 /9627366370 Email: princeryri5005eu@gmail.com
9	1	Present scenario of web blight disease of Urdbean	Santosh Kumar	Research Scholar Department of Plant Pathology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar – 263145 Mob: 9793085811 Email: santoshbhargava@ymail.com
10	1	Isolation of promising antifungal strains of <i>Trichoderma</i> species for their tolerance to abiotic stresses	Nandani Shukla	Research Scholar Department of Plant Physiology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9450757130 Email: nandanishukla@gmail.com
11	1	Antibiosis effect of PBT 23, an isolate of <i>Trichoderma</i> , identified as <i>T. harzianum</i> against five important plant pathogens	A. K. Tewari	SRO Department of Plant Pathology G.B. Pant University of Agriculture and Technology Pantnagar Email: anandkumartewari@yahoo.co.in

12	1	"Constraints in production of pulses in Uttarakhand, and its impact on sustainable Agriculture" (A specific study of sample villages of Assan valley)	Sunit Kumar	Research Scholar Department of Economics SGRR (PG) College Dehradun Tel/Fax: 01352624881 Mob: 9012385098
13	1	Manifestation of heterosis for quality, green pod yield and its component in off-season garden pea (<i>Pisum sativum</i> L.) under North-Western Himalayas	Lila Bora	PhD student Department of Vegetable Sciences G.B. Pant University of Agriculture and Technology Pantnagar- 263 145 Mob: 9917581217 Email: lila.bora@gmail.com
14	1	Screening of medium grain scented rice kalanamak for their sodicity tolerance using Physiological and Biochemical approaches	Mayank Pandey	PhD Student CAS in Plant Pathology G.B. Pant University of Agriculture & Technology Pantnagar-263 145 Mob: 9410168543 Tel: 05944-233076, 225636 Fax: 05944-233473 Email: pandeymayank80@gmail.com
15	1	<i>Alternaria solani</i> , the incitent of early blight of tomato: Infection, transmission and management	Rashmi Tewari	SRF Department of Plant Physiology College of Basic Sciences and Humanities G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9412100770 Tel: 05944-233444 Email: rashmipnt@gmail.com
16	1	Effect of silver nanoparticles on growth and antioxidant status of <i>Brassica juncea</i> under oxidative stress	Deepesh Bhatt	Junior Research Department of Molecular Biology & Genetic Engineering College of Basic Sciences and Humanities G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9410189669 Tel: 0135-2728113 Email: deepesh987@gmail.com plantstress@gmail.com
17	1	Multivariate analysis of genetic divergence in Soybean (<i>Glycine max</i> (L.) Merrill.)	Kamal Pandey	Research Scholar Department of Genetics and Plant Breeding College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar – 263145 Mob: 9761540652 Email: k.genetics@rediffmail.com, kamal.genetics@gmail.com

18	1	Antifeedant activity of essential oils of some medicinal plants against <i>Spilarctia obliqua</i> (Walker)	Shiwani Bhatnagar	Ph.D Scholar Department of Entomology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar- 263145 Tel: 05944-233144 Email: shiwanihatnagar@rediffmail.com
19	1	Heterosis for forage yield and its contributing characters in forage sorghum	Suneeta Pandey	Ph. D. Research Scholar Department of Genetics and Plant Breeding G.B. Pant University of Agriculture and Technology Pantnagar- 263 145 Mob: 9457437599 Tel: 05962-236548 Email: suneetaalmora@gmail.com, pandey_suneeta@yahoo.co.in
20	1	Evaluation of inexpensive and easily available substrates for mass multiplication of <i>Beauveria Bassiana</i> (Balsamo) Vuillemin	G. P. Gangwar	Research Scholar Center of Advanced Studies in Plant Pathology G.B. Pant University of Agriculture and Technology Pantnagar-263 145 Mob: 9411320071 Email: gokil_prasad@rediffmail.com
21	1	Effect of integrated nutrient management on yield and yield components of cabbage (<i>Brassica oleracea</i> Var. <i>Capitata</i>) in mollisol of Uttarakhand	Jyoti Pande	Ph. D Scholar Department of Soil Sciences College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar- 263145 Tel: 05944-233225 Mob: 9412969663 Email: jyotigemini2007@rediffmail.com
22	1	Impact of Molybdenum application on efficacy of introduced Chickpea Rhizobia	S. Das	Research Scholar Department of Soil Science G.B. Pant University of Agriculture & Technology Pantnagar-263 145 Mob: 9411539419 Email: shrila34040@gmail.com
23	2	Does low cost rural technology intervention play vital role in livelihood enhancement and ecologically and economically sustainable cultivation?	Vineeta Negi	District Manager Uttarakhand Parvatiya Aajeevika Sanvardhan Company (UPASaC) Bhandari Bhawan Gopeshwar - Chamoli Email: negivineeta@rediffmail.com

24	2	Seasonal abundance and Management of white grubs in lower hills of North Western Himalayas	Deepak Rai	Subject Matter Specialist (Plant Protection) Krishi Vigyan Kendra (VPKAS-ICAR) Chinyalisaur-249196 Tel: 01371 -237198 Fax: 01371 -237198, 237277 Mob: 9410799707 Email: deepakrai2@indiatimes.com
25	2	Effect of coloured poly mulches on growth and yield of summer squash under mid-hill condition of Uttarakhand	V.P. Singh	Subject Matter Specialist (Horticulture) Krishi Vigyan Kendra (G.B.P.U.A. & T., Pantnagar) Gwaldam- 246441 Chamoli Tel: 01363-274287 Fax: 01363-274287 Mob: 9412940088 Email: hortvp@rediffmail.com
26	2	Enhancement of crop yield and water use efficiency through modern water management techniques in mountainous Himalayas of Uttarakhand	Sridhar Patra	Scientist Central Soil and Water conservation Research and Training Institute 218, Kaulagarh Road Dehradun-248195 Email: mail2sridharpatra@yahoo.com Mob: 9997841970 Fax: 0135-2754213
27	2	Role of agriculture finance for rural development	Asha Upwanshi Wasewar	Research Scholar Department of Management Studies IIT-Roorkee (UK) 247667 Email: a_upwanshi@yahoo.co.in Mob: 9411500501
28	2	Sub-soiling: Could it be effective for enriching bacterial diversity under wheat-rice system?	Rashmi Srivastava	Post Doctoral Fellow Department of Biological Sciences College of Basic Sciences & Humanities G.B. Pant University of Agriculture & Technology Pantnagar Email: rsri_10@yahoo.co.in Tel/Fax: 05944 233309 Mob: 9456 346170
29	2	Enhancement of productivity in wheat through front line demonstrations in hilly areas – A study in Uttarkashi district of Uttarakhand	Vijay Avinashilingam	SMS Vivekananda Institute of Hill Agriculture Indian Council of Agricultural Research Min. of Agriculture, Govt. of India Almora - 263 601 Tel: 05962 - 241005/241008/241250 Fax: 05962 - 231539/241250 Mob: 94115 - 84703

30	2	Impacts of fertilization on carbon sequestration potential of soybean-wheat rotation under two contrasting soils and management practices	Ranjan Bhattacharyya	Scientist Vivekananda Institute of Hill Agriculture Almora - 263601 Email: ranjan_vpkas@yahoo.com
31	2	Inheritance of erucic acid in Indian mustard	Sharad Pandey	Faculty Member Department of Biotechnology ICFAI University Central Hope Town Rajawala Road Selaqui Dehradun Mob: 9412017553 Tel: 0135-2788044 Email: sharadp75@rediffmail.com
32	2	Genetic variability, heritability and correlation study for nutritional quality traits in tomato	N.K. Hedau	Scientist Crop Improvement Division Vivekananda Parvatiya Krishi Anusandhan Sansthan Almora-263601 Mob: 9412017146 Tel: 05962-241005 Fax: 05962-231539 Email: hedaunirmal_2003@yahoo.co.in
33	2	Variability in <i>rajmash</i> genotype for antinutritional factors offers promising tool in quality breeding programme	Supradip Saha	Scientist Crop Improvement Division Vivekananda Parvatiya Krishi Anusandhan Sansthan Almora-263601 Mob: 9760018034 Tel: 05962-241005 Fax: 05962-231539 Email: s_supradip@yahoo.com, s_supradip@rediffmail.com
34	2	Estimation of genetic diversity within high and low erucic acid lines of Indian mustard [<i>Barassica juncea</i> (L.) Czern and coss]	Tanu Johri	Lecturer G.B. Pant University of Agriculture and Technology Pantnagar Email: johripantnagar@gmail.com
35	3	Technologies and their impact on silkworm rearing at farmers level under research extension centre, Bageshwar (Uttarakhand)	R.K.Dhingra	Scientist-C Regional Sericultural Research Station Central Silk Board Sahaspur– 248 197 Dehra Dun Tel: 0135-2697582, 2110072 Fax: 0135-2697383 Mob: 9412940294 Email: rajiv_dhingra29@yahoo.co.in

36	3	Biodiversity, farmers and agriculture in the mountains: A framework for food sovereignty in Uttarakhand	Vir Singh	<p>Professor Department of Environmental Sciences College of Basic Sciences & Humanities GB Pant University of Agriculture & Technology Pantnagar-263145</p> <p>Tel: 05944 -233321 Fax: 05944 -233473/ 233500 Mob: 9410116962 Email- drvirsingh@rediffmail.com</p>
37	3	Effect of tree mulberry plantation on soil properties, profile morphology and productivity	P.K.Singh	<p>Scientist-C Regional Sericultural Research Station Central Silk Board, Sahaspur Dehradun- 248197</p> <p>Mob: 9411101715 TelFax: 0135-2697582 Email: pksinghrsrs.1954@gmail.com, anjali_11singh@yahoo.co.in</p>
38	3	Technology development for the use of biocontrol agents in controlling Fusarium wilt of Chilli and Tomato	A.K. Sharma	<p>Associate Director Department of Biological Sciences College of Basic Sciences & Humanities G.B. Pant University of Agriculture & Technology Pantnagar</p> <p>Tel: 05944 -233309, 05944 -233815 Fax: 05944 -233473 Mob: 9457166676 Email: anilksharma_99@yahoo.com</p>
39	3	Screening for heat tolerance in bread wheat through genetic and physiological studies	J.P. Jaiswal	<p>Associate professor Department of Genetics and Plant Breeding Agriculture College G.B. Pant University of Agriculture and Technology Pantnagar- 263 145</p> <p>Fax: 05944 -235624 Mob: 9411159751 Email: jpj.gbpu@gmail.com</p>
40	3	Adoption of soybean production technology and constraints associated with its adoption by the farmers of Uttarakhand	Surya Rathore	<p>Associate Professor Department of Agricultural Communication College of Agriculture G.B. Pant University of Agri. & Tech. Pantnagar-263145</p> <p>Mob: 9412946309 Tel: 05944 -233073 Fax: 05944 -233473 Email: suryajodhpur@rediffmail.com, suryarathore@gmail.com</p>

Agricultural Sciences -- POSTER

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization
				Address Contact Informations
1	1	Assessment of compatible substratum for <i>Andrographis Paniculata</i> standard seed germination testing	N. Indrakumar Singh	Ph.D. Scholar Dept of Seed Science & Technology HNB Garhwal University Srinagar - 246174 Mob: 9756100977 OffL 01370-267664 Email- indrasst08@gmail.com
2	1	To study the Genetic diversity of wheat varieties using randomly amplified polymorphic DNA	Vinod Kumar Dhatwalia	Research Scholar Chemistry Department HNB Garhwal University Srinagar Mob: 9012784009 Email: vinodkdhatwalia@gmail.com
3	1	Genetic analysis of HEA and LEA cultivars of Indian mustard [<i>Brassica juncea</i> (L.) Czern & Coss] and their progenies using Random amplified polymorphic DNA (RAPD) markers	Vipin Kumar Singh	Senior Research Fellow Department of Genetics and Plant Breeding Agriculture College G.B. Pant University of Agriculture and Technology Pantnagar- 263 145 Mob: 9410905379 Email: vipin27034@gmail.com
4	1	QTL mapping of <i>Opaque 2</i> modifiers for Tryptophan content in quality protein maize using microsatellite markers	B. Kalyana Babu	Scientist Vivekanand Parvatiya Krishi Anusandhan Sansthan (ICAR) Almora - 263601 Mob: 9917532110 Tel: 05962 -230208 Fax: 05962 -231539 Email: kalyan_biotek@yahoo.co.in
5	1	Susceptibility of promising Pigeonpea Genotypes against pulse beetle, <i>Callosobruchus Chinensis</i> (Linn.)	Pooja Khulbe	Department of Entomology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar- 263145 Mob: 9412959613 Email: khulbepooja@yahoo.com

6	1	Path Coefficient and Meteroglyph Analysis for Estimating Fodder Quality in Cowpea (<i>Vigna unguiculata</i> (L.) Walp.)	M.S. Bhandari	Ph.D. Scholar Deptt. of Genetics and Plant Breeding Agriculture College G.B. Pant University of Agriculture and Technology Pantnagar Tel: 01374223033 Mob: 9411595309 Email: maneesh31803@gmail.com
7	1	Effect of plant extracts on growth and development of <i>Spilarctia obliqua</i> (Walker)	Arvind Kumar	SRF Department of Entomology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar U.S.Nagar-263145 Mob: 9412945495 Email: arvind_ento@rediffmail.com
8	1	Influence of bio-chemical fertilizers on growth and yield of finger millet (<i>Eleusine coracana</i> L.)	Ramwant Gupta	JRF DRDO project Department of Plant Physiology College of Basic Sciences and Humanities G.B. Pant University of Agriculture and Technology Pantnagar-263145 Tel: 05944 280494 Fax: 05944 233473 Mob: 9759112779 Email: ramwantgupta@yahoo.com, ramwantgupta@rediffmail.com
9	1	Role of arbuscular mycorrhizal in zinc and cadmium uptake by finger millet (<i>Eleusine coracana</i> L.) with various quantities of Zn and Cd in Tarai	Deeksha Krishna	Post Doctoral Fellow G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9358020086 Email: dikshakrishna@gmail.com
10	1	Biology of the coccinellid predator, <i>Coccinella septempunctata</i> (Coccinellidae: Coleoptera) on wheat aphid, <i>Rhopalosiphum maidis</i>	Anju Basera	Ph. D. Scholar Department of Entomology GB Pant University of Agri. & Tech. Pantnagar, U.S.Nagar Email: basera_anju15@rediffmail.com Mob: 9456322533
11	1	Effects of split application of nitrogen fertilizer on chlorophyll content and NR - activity of different cultivars of rice (<i>Oryza sativa</i> L.)	Hukum Singh	Research Scholar Department of Plant Physiology College of Basic Sciences & Humanities GB Pant University of Agri. & Tech. Pantnagar, U.S.Nagar Mob: 9719269593 Fax: 05944 -233500 Email: hukumsingh97@yahoo.com

12	1	An effective management strategies for controlling <i>Fusarium</i> wilt of tomato	Mamta Joshi	Post Doctoral Fellow Department of Biological Sciences College of Basic Sciences & Humanities G.B. Pant University of Agriculture & Technology Pantnagar Email: mamta.biotech@gmail.com TelFax: 05944 233309 Mob: 9359724930
13	1	A Value Added Rhizocompost For Improving Biotic And Abiotic Stress	Varun Gupta	Research Scholar(Ph.D.)/JRF Department of Biological Sciences College of Basic Sciences & Humanities G.B. Pant University of Agriculture & Technology Pantnagar Email: guptavar001@gmail.com TelFax: 05944 233309 Mob: 9897937911
14	1	Elucidating the ethereal response on mango malformation	Bhavana Joshi	Research Scholar Department of Plant Physiology College of Basic Sciences and Humanities G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9760217764 Fax: 05944 -233500 Email: bhavanas_joshi@yahoo.com, bhavanas_joshi@yahoo.co.in
15	1	Elucidating the photothermal behaviour in different varieties of rice (<i>Oryza sativa</i> L.)	Neelam Dhiwan	Student Department of Plant Physiology College of Basic Sciences and Humanities G.B. Pant University of Agriculture and Technology Pantnagar-263145 Tel: 0135-2774486 Mob: 9997333379 Email: n.dhiwan@rediffmail.com
16	1	Mycoparasitic potential of PBT 23, an isolate of <i>Trichoderma</i> , identified as <i>T. harzianum</i> against five important plant pathogens	Deepika Saxena	Department of Plant Pathology G.B. Pant University of Agriculture and Technology Pantnagar Email: anandkumartewari@yahoo.co.in
17	1	Identification of null WX-B1 locus among high yielding bread wheat varieties through molecular markers	Debjyoti Sen Gupta	Ph. D. Scholar & CSIR-JRF Department of Genetics and Plant Breeding G. B. Pant University of Agriculture and Technology Pantnagar- 263145 Mob: 9897162627, 9434483785 Email: debgpb@gmail.com

18	1	Management of Major diseases of Indian mustard (<i>Brassica juncea</i> L. Czern & Coss) using micronutrients	Gitanjali Bangari	Ph. D. Scholar Department of Plant Pathology G.B. Pant University of Agriculture and Technology Pantnagar – 263145 Mob: 9410171870 Email: gitanjali.bangari@gmail.com
19	1	Efficacy of <i>Metarhizium anisopliae</i> (Metchnikoff) sorokin (deuteromycota: hypomycetes) against tobacco caterpillar <i>Spodoptera litura</i> (Fab.)	Shikha Bhatt	Ph.D Scholar Department of Entomology G.B. Pant University of Agriculture and Technology Pantnagar- 263145 Mob: 9368699992 Email: bhattshikha1@gmail.com
20	1	Effect of different nitrogen levels on growth, yield and nitrogen use efficiency of five rice (<i>Oryza sativa</i> L.) genotypes	Bhupendra Mathpal	Senior Research Fellow Department of Plant Physiology College of Basic Sciences and Humanities G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9760222984 Fax: 05944 -233500 Email: mathpal.88@gmail.com
21	1	Management of botrytis grey mould of chickpea with chemicals and biocontrol agents	Usha Suyal	Ph. D Scholar Department of Plant Physiology College of Basic Sciences and Humanities G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9917805025 Email: u.suyal@gmail.com, rashmipnt@gmail.com
22	1	Comparative performance of liquid and carried based inoculants of <i>Mesorhizobium ciceri</i> and PGPR (<i>Pseudomonas dimunuta</i>) in chickpea under field conditions	Pratibha Sahai	SRF Department of Soil Science G.B. Pant University of Agriculture and Technology Pantnagar – 263145 Mob: 9956391696 Tel: 05944 -235376 Fax: 05944 -235002 Email: prati_02@rediffmail.com
23	1	<i>In-vitro</i> evaluation of various <i>Trichoderma</i> isolates from Uttarakhand for the management of biotic and abiotic stresses	Laxmi Rawat	Ph.D Scholar Department of Plant Pathology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar – 263145 Mob: 9359358635 Email: lakku_joshi@rediffmail.com

24	1	Differential nitrogen application and its effect on growth, performance and yield of three cultivars of rice	Babita Patni	Ph. D. Research Scholar Department of Plant Physiology College of Basic Sciences and Humanities G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9719993318 Email: babita28paatni@rediffmail.com
25	1	Estimation of genetic divergence among bread wheat germplasm for quality traits	Mamta Arya	Ph. D Scholar Department of Genetics and Plant Breeding Agriculture College G.B. Pant University of Agriculture and Technology Pantnagar- 263 145 Mob: 9675114456 Tel: 05946-260830 Email: mamta32840@gmail.com
26	1	Genetic diversity analysis in indigenous bread wheat germplasm for yield and yield contributing traits	Priyanka	Research Scholar Department of Genetics and Plant Breeding Agriculture College G.B. Pant University of Agriculture and Technology Pantnagar- 263 145 Mob: 9411222703 Tel: 05944-234520 Email: priyanka3055@gmail.com
27	1	Genetic distance estimates among maize inbreds and their single cross hybrids assessed through RAPD markers	Pooja Devi	Ph. D Scholar Department of Genetics and Plant Breeding G.B. Pant University of Agriculture and Technology Pantnagar- 263 145 Mob: 9760298114 Email: poojadevi.sai@gmail.com
28	1	Joint action of entomogenous fungi with insecticides against the larvae of <i>Spilarctia Obliqua</i> (Walker)	Renu Pandey	Senior Research Fellow Department of Entomology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar- 263145 Tel: 05944-233225 Mob: 9412969663 Email: renu.pandey17@gmail.com
29	1	To evaluate the hilly fruit as the alternative of nectar supplement for dearth period management of Italian honeybee <i>Apis Mellifera</i> Linnaeus	Rachna Pande	Ph. D Scholar Department of Entomology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar- 263145 Mob: 9411539432, 9412928262 Email: rachna.ento@gmail.com, rachna.ento@rediffmail.com

30	1	Protein profiling of parents, F ₁ 's, F ₂ 's, BC ₁ , BC ₂ and their reciprocal crosses in Indian mustard through SDS-PAGE	Nandita Limbu	Ph. D Scholar Department of Genetics and Plant Breeding Agriculture College G.B. Pant University of Agriculture and Technology Pantnagar- 263 145 Email: ndtlimbu@yahoo.com
31	1	Molecular variation in some elite lines of blackgram (<i>Vigna Mungo</i> (L.) Hepper) using rapid technique	Piyusha Singh	Ph. D Scholar Department of Genetics and Plant Breeding Agriculture College G.B. Pant University of Agriculture and Technology Pantnagar- 263 145 Mob: 9760824973, 9412931576 Email: piyusha_singh@yahoo.com, piyusha_singh@yahoomail.com
32	1	Evaluation of allelopathic effect of seven medicinal plants on Mulberry saplings	Chetna Thapliyal	JRF Regional Sericultural Research Station Central Silk Board, Sahaspur Dehradun - 248197 Mob: 9411190548 Tel: 0135-2697582, 2110072 Email: chetna.thapliyal@gmail.com
33	1	Molecular technique: A way for diversity analysis	Mayuri Agarwal	Ph.D. Scholar Department of Genetics and Plant breeding G.B. Pant University of Agriculture and Technology Pantnagar (US Nagar) Email: mayuri.ag19@gmail.com, chia.agarwal@gmail.com
34	1	Influence of disease suppressive composts in reducing the pH stress in cultivated soils	Elli Sen	Student of Integrated Bachelor & Master's Programme Department of Biological Sciences College of basic Sciences & Humanities Govind Ballabh Pant University of Agriculture & Technology Pantnagar-263 145 Mob: 9557117558 Tel: 05944 233309 Email: elli.makinen@helsinki.fi
35	2	Studies on estimation of harvest time residues of isoproturon in soil, wheat grain and straw	Hirdesh Kumar Sachan	Lecturer Faculty of Agriculture SGRR (PG) College Pathribagh Dehradun Mob: 9412121064 Fax: 0135-2426881 Email: sachanhk@gmail.com

36	2	Technology Development for the production of Arbuscular mycorrhizal fungi	Shivom Singh	Post Doctoral Fellow Department of Biological Sciences College of Basic Sciences & Humanities G.B. Pant University of Agriculture & Technology Pantnagar Email: shivom101@rediffmail.com TelFax: 05944 233309 Mob: 9897030461
37	2	Leaf Age Related Partial Resistance to <i>Pyricularia grisea</i> in Finger millet cultivars	R.K. Srivastava	Senior Research Fellow Department of Plant Pathology G.B. Pant University of Agriculture and Technology Pantnagar Email: riksheshs@hotmail.com TelFax: 05944 233076 Mob: 9412947350
38	2	A bioefficacy of <i>Beauveria Bassiana</i> isolated from Uttarakhand against Mustard Aphid <i>Lipaphis Erysimi</i> (Kalt)	Bhanu Pratap Bhadauria	Senior Research Fellow Department of Plant Pathology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar Mob: 9634182420 Email: bpbhadauria@rediffmail.com
39	2	Integrated management of wilt of lentil	Vijay Kumar	Ph. D. Scholar Department of Plant Pathology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar – 263145 Mob: 9760358377 Email: vijaykumar.india28@yahoo.com, u.suyal@gmail.com
40	2	Soil test crop response based fertilizer prescription for garlic and onion in mollisols of Uttarakhand	Anil Kumar Saxena	Lecturer Faculty of Agriculture SGRR (PG) College Pathribagh Dehradun Mob: 9410381229 TelFax: 0135-2624881 Email: dranilksaxena@gmail.com
41	3	Farmers field School – A tool of technology transfer & strategy for sericulture extension	K. R. Maurya	Scientist C Regional Sericultural Research Station Central Silk Board, Sahaspur Dehradun- 248197 Mob: 9458137288 Fax: 0135-2697582 Email: mourya08@gmail.com

42	3	Vermicomposting – A tool for a sustained sericultural prosperity & healthy agro-ecosystem	N.K. Bhatia	<p>Scientist C Regional Sericultural Research Station Central Silk Board Sahaspur Dehradun 248197</p> <p>Mob: 9458130843 Tel: 2110072 TelFax: 0135-2697582 Email: nkb1123@rediffmail.com</p>
43	3	Development of sericulture through Cluster Development Programme– Problems and Prospects	S. P. Singh	<p>Scientist-C Regional Sericultural Research Station Central Silk Board Sahaspur Dehradun- 248197</p> <p>Email: dr.spsingh05@gmail.com Tel: 0135-2697582, 2110072 Mob: 9411351147 Fax: 0135-2697582</p>
44	3	Effect of interchanging of food plants of mulberry of rearing of silkworm	Raja Ram	<p>Scientist-C Regional Sericultural Research Station Central Silk Board Sahaspur Dehradun- 248197</p> <p>Email: pksrivastav02@rediffmail.com Tel: 0135-2697582, 2110072 Mob: 9411580668 Fax: 0135-2697582</p>
45	3	Effect of inorganic and bioorganic sources on growth, biomass yield and nutrient uptake by brahmi under brahmi – wheat cropping system in mollisol of Uttarakhand	Sobaran Singh	<p>Professor Department of Soil Science College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar (US Nagar)</p> <p>Mob: 9410754975 Tel: 05944-233071 Email: sobaran55@yahoo.co.in</p>
46	3	Effect of integrated plant nutrient management on growth and yield of guava (<i>Psidium guajava</i> L.) cv. Pant Prabhat	Shant Lal	<p>Prof. & Head Department of Horticulture G.B. Pant University of Agriculture and Technology Pantnagar (US Nagar)</p> <p>Tel: 05944-233214 Email: amit.tkg@gmail.com, amit_tkg@rediffmail.com</p>

47	3	Exploitation of Quarantine procedures in mulberry silkworm (<i>Bombyx mori</i> L.) egg production	Anil Kumar Sharma	<p>Scientist C Zonal Silkworm Seed Organization Central Silk Board Majra- 248171 Dehradun</p> <p>Email: zsspoddn@sancharnet.in Tel: 0135-2620256, 2520196 Fax: 0135-2620276 Mob: 9411106372</p>
48	3	Epidemic of silkworm (<i>Bombyx mori</i> L.) disease in North Western region and integrated control measures	Ghan Shyam Singh	<p>Scientist C Zonal Silkworm Seed Organization Central Silk Board Majra- 248171 Dehradun</p> <p>Email: ghan30@email.com, zsspoddn@sancharnet.in Tel: 0135-2620256, 2520196 Fax: 0135-2620276 Mob: 9412992574</p>
49	3	Yield performance of traditional silkworm breeds of <i>Bombyx Mori</i> L. at top level of multiplication system under Doon valley condition	I.P.Tonk	<p>Scientist C P3 Basic Seed Farm Central Silk Board P.O. Majra Dehradun- 248171</p> <p>Email: iptonk@gmail.com</p>
50	3	Cultivation of Manipuri Baanj, <i>Quercus SERRATA</i> in Uttarakhand- A potential means of ex- situ conservation abstract	KK Sharma	<p>Scientist C P3 Basic Seed Farm Central Silk Board P.O. Majra Dehradun- 248171</p> <p>Email: iptonk@gmail.com, zsspoddn@sancharnet.in Tel/Fax: 0135-2620276 Mob: 9410932858</p>
51	3	Evaluation of performance of silkworm races of <i>Bombyx mori</i> L for rearing and grainage in Doon Valley conditions of Uttrakhand	R. K. Khatri	<p>Scientist E Zonal Silkworm Seed Organization Central Silk Board Majra- 248171 Dehradun</p> <p>Email: zsspoddn@sancharnet.in Tel: 0135-2620256, 2520196 Fax: 0135-2620276 Mob: 9411106169</p>

52	3	ERI Silk Industry : Vibrating tool for employmnt, empowerment and entrepreneurship in Uttrakhand State	Vijay Prakash Sharma	<p>Scientist C Zonal Silkworm Seed Organization Central Silk Board Majra- 248171 Dehradun</p> <p>Email: zsspoddn@sancharnet.in Tel: 0135-2620256 Fax: 0135-2620276 Mob: 9456064601</p>
53	3	Role of ericulture in development of rural economy	Bipin Kumar	<p>Scientist C Eri Silkworm Seed Production Centre Central Silk Board Near Transport Nagar Dehradun</p> <p>Email: TelFax: 0135-2643510 Mob: 9997712300</p>
54	3	Soil-site suitability for cultivation of crops in Henwal river watershed (Tehri Garhwal) under hill-mountain agro-eco system of Uttarakhand	Gopal Krishna Dwivedi	<p>Professor Soil Science Institute of Biotechnology G.B. Pant University of Agriculture and Technology Pantnagar – 263128</p> <p>Tel: 05942-241133, 05942-241110 Fax: 05942-241129 Email: dwivedigk.2008@rediffmail.com</p>
55	3	A success story of 'VL Arhar 1' in Uttarakhand hills	Vinay Mahajan	<p>Head & Principal Scientist Crop Improvement Division Vivekananda Parvatiya Krishi Anusandhan Sansthan (ICAR) Mall Road Almora-263601</p> <p>Mob: 9412952434 Tel: 05962-230060, 230278 Email: vinmaha9@gmail.com</p>
56	3	Status and needs of Sericulture in Doon valley and Uttarakhand	Rajat Mohan	<p>Scientist C Regional Sericultural Research Station Central Silk Board, Sahaspur Dehradun- 248197</p> <p>Mob: 9412075178 Tel: 0135-2697582, 2110072 Email: drrajatmohan@gmail.com</p>

57	1	Adsorption-Desorption behaviour of Chlorpyrifos in different soils	Nimisha Singh	Junior Research Fellow G.B.Pant University of Agriculture and Technology Pantnagar (U.S.Nagar) Mob: 9359343224, 9759246483 Email: nimisha_chemistry@yahoo.com
58	1	Effect of different temperature and Ph on the growth of <i>Ustilagoidea Virens</i> (CKE) Takahashi	Saurabh Tripathi	Research Scholar Department of Plant Pathology G.B. Pant University of Agriculture and Technology Pantnagar Mob: 9997336372 Email: saurabh.pathology@gmail.com
59	1	An introduction of indigenous/ exotic fodder tree and grasses in five villages Uttarkashi for livelihood enhancement, environment conservation and sustainable development	Manoj Soni	Project Fellow (Fodder Development) Sankalp Samajik Sanstha Genwala (Barsali) Post Raturi Sera Uttarkashi 249193 Mob: 9761436323 Tel: 1374222148 Fax: 01374 -224142 Email: aryan143@yahoo.com
60	1	Feeding potential of <i>Coccinella septempunctata</i> (Linn.) (Coccinellidae: Coleoptera) on some species of aphids in laboratory	Khushboo Sah	Research Associate Vivekanand Parvatiya Krishi Anusandhan Sansthan (ICAR) Almora- 263601 Mob: 9997749555 Tel: 05962-236127 Email: ento143@gmail.com
61	1	Effect of different temperatures on survival of urediospores	S.K. Singh	Research Scholar Department of Plant Pathology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar – 263145 Mob: 9411791587 Email: singh_sk30@yahoo.com
62	1	Physiological and molecular evaluation of resistance inducers against sheath blight in rice (<i>Oryza Sativa</i> L.)	Rajeev Nayan Bahuguna	JRF Department of Plant Physiology College of Basic Sciences & Humanities GB Pant University of Agri. & Tech. Pantnagar, U.S.Nagar Email: bahugunarn@gmail.com Mob: 9411332655

63	1	Seed quality losses in soybean due to <i>Fusarium oxysporum</i> (Schlech) and its detection and transmission in seed	Priyanka Mehta	Research Scholar Department of Plant Physiology College of Basic Sciences and Humanities G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9411115312 Tel: 05962-232595 Email: rashmipnt@gmail.com
64	1	<i>In-vitro</i> screening of bioagents against aerial blight of soybean	Lalan Sharma	Research Scholar Department of Plant Pathology G.B. Pant University of Agriculture and Technology Pantnagar Mob: 9548057034 Email: buntly2504@rediffmail.com
65	1	Promotion of beekeeping for enhancing the yield production of Litchi through bee pollination in Uttarakhand State	Usha	Student Department of Entomology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar- 263145 Mob: 9410349847 Tel: 05944-234231 Email: ushamauryaento@yahoo.com, bittu24_2007@yahoo.co.in
66	1	Effect of integrated nutrient management on growth, yield and quality of litchi cv. Rose Scented	Nidhi Rathore	Student Department of Horticulture College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar- 263145 Mob: 9411468454 Tel: 05944-235252 Email: nidhi_horti@rediffmail.com, nidhi.phd@gmail.com
67	2	Introduction and Advancement in the Cultivation of Large Cardamom (<i>Amomum subulatum</i> Roxb.) in Uttarakhand	Vineet Purohit	Junior Research Fellow Herbal Research and Development Institute Gopeshwar-246 401 Chamoli Tel/Fax: 0372-253855 Mob: 9412531804 Email: vineetpt@rediffmail.com
68	2	Commercial vegetable cultivation through new innovative techniques feasible in the villages of Uttarkashi district	Mahendra Pal Sigh	Sankalp Samajik Sanstha Genwala (Barsali) Post Raturi Sera Uttarkashi 249193 Mob: 9411513437,9997976402 Tel: 1374222148 Fax: 01374-224142 Email: mahen2004@rediffmail.com

69	2	Drum seeder as an improved technique for gender empowerment	Sucheta Singh	Asstt. Prof. Sugar Research Center and Krishi Vigyan Kendra (GBPUAT, Pantnagar) Bajpur Road, Kashipur U.S.Nagar Email: suchchu_singh@yahoo.co.in, singh.sucheta20@gmail.com Mob: 9412165873 Fax: 05947-262281
70	2	Variability studies in <i>Fusarium moniliforme</i> isolated from seeds of different crop species based on morphological characters and RAPD markers	A.N. Tripathi	Ph.D Scholar Department of Plant Physiology G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9911805349, 9939603917 Email: ussingh3@rediffmail.com
71	2	SDS-PAGE electrophoresis of Forage Sorghum (<i>Sorghum bicolor</i> (L.) Moench) from seed protein for parental genotype identification	Arun Bhatt	Lecturer Department of Biotechnology GB Pant Engineering College Ghurdauri Pauri-246194 Mob: 9410557319 Tel: 01368228186 Fax: 01368228030 Email: arun.bhatt@rediffmail.com
72	2	Economic implications of a fungus <i>Cordyceps sinensis</i> on scheduled tribes of high altitudes of Pithoragarh, Uttarakhand	Nirmala Bhatt	SMS/Asstt. Prof. (Plant Protection) Krishi Vigyan Kendra (G.B.P.U.A. &T., Pantnagar) Gaina-Aincholi Pithoragarh-262530 Mob: 9412044788 Tel: 05964-252175 Fax: 05964-252175 Email: nirmala_bhatt@rediffmail.com
73	3	Performance of Double hybrids of <i>Bombyx mori</i> L. a mulberry silk producing insect in Uttarakhand	Babulal	Scientist C Zonal Silkworm Seed Organization Central Silk Board Majra- 248171 Dehradun Email: zsspoddn@sancharnet.in Tel: 0135-2620256, 2520196 Fax: 0135-2620276 Mob: 9634432273

74	3	Sluggish progress in sugarcane production bonded with decline in soil fertility in Uttarakhand	A. K. Pant	<p>JRO (Soil Science) Sugarcane Research Centre (GBPUA&T, Pantnagar) Kashipur-244713</p> <p>Mob: 9412419872 Tel: 05947-262281, 05944-268525 Email:</p>
75	3	Allelopathic effect of seven medicinal plants on growth of Mulberry cuttings	P.K. Srivastav	<p>Scientist C Regional Sericultural Research Station Central Silk Board, Sahaspur Dehradun- 248197</p> <p>Mob: 9412939877 Tel: 0135-2697582, 2110072 Email: pksrivastav02@rediffmail.com</p>

4th Uttarakhand State Science & Technology Congress -- 10-12th November, 2009 -- at GBPUAT, Pantnagar

Biotechnology, Biochemistry & Microbiology -- ORAL

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	<i>In Vitro</i> Callus Induction and Shoot Regeneration in <i>Hedychium spicatum</i> Smith: An Important Medicinal Herb of Western Himalaya	Chetna Bisht	High Altitude Plant Physiology Research Center (HAPPRC) H. N. B. Garhwal Central University Srinagar Email: bishtchetna@yahoo.com
2	1	Influence of mountain aspect on genetic clustering of rhizospheric psychrotolerant phosphate solubilizing pseudomonads in Uttarakhand	Piyush Joshi	Vivekanand Parvatiya Krishi Anusandhan Sansthan (ICAR) Almora - 263601
3	1	<i>In vitro</i> propagation through axillary bud-culture of <i>swertia chirata</i> buch. – ham. - an important medicinal herb	Manu Pant	Research Fellow Tissue Culture Discipline Botany Division Forest Research Institute P.O. New Forest Dehradun Email: himaniab@gmail.com, bistprabha@icfre.com Tel: 0135-2224402 Fax: 0135- 2756865 Mob: 9917292899
4	1	Phytochemical Analysis and Antibacterial activity of <i>Juniperus communis</i> L.	Pankaj Kumar	Lecturer Deptt. Of Microbiology Gayatri College of Biomedical Science GMS Road, Ballupur Chowk Dehradun Email: pankaj301@rediffmail.com Mob: 9358391350, 9997702954
5	1	Rhizoremediation potential of Rhizobacteria isolated from <i>Populus deltoides</i> in Garhwal Himalayas	Sandeep Bisht	Project Assistant Department of Microbiology S.B.S (P.G.) Institute of Biomedical Sciences and Research Balawala Dehradun Email: sandeepmicro83@mail.com Tel: 0135-2686246 Fax: 0135-2686286

6	1	Assessment of bacterial diversity in Gangetic river system of Uttarakhand	Anchal Sood	JRF Department of Microbiology S.B.S (P.G.) Institute of Biomedical Sciences and Research Balawala Dehradun Email: soodanchal11@gmail.com TelFax: 0135-2686246 Mob: 9837125878
7	1	Altitudinal & Longitudinal impacts on the Phyto-Chemistry & properties of Red <i>Ganoderma lucidum</i>	Anita Kamra	HOD Department of Microbiology Uttaranchal College of Science and Technology Sahastra Dhara Road PO- Kulhan Dehradun Mob: 9897915130 Tel: 01334-223027 Email: kamra.anita@gmail.com
8	1	<i>In vivo</i> propagation of <i>Bambusa arundinacea</i> using Synthetic Seed Technology	Nidhi srivastava	Research Scholar Department of Biotechnology Sardar Bhagwan Singh (P.G.) Institute of Biomedical Sciences & Research Balawala, Dehradun Email: nidhi_srivastava27@rediffmail.com, jadon@rediffmail.com Mob: 9412412731 (Vikas S Jadon)
9	1	Study on bioremediation of petroleum hydrocarbons in soil	Maryada Goyal	Research Scholar Department of Zoology D.A.V (PG) College Dehradun Mob: 9897078374, 9411112587 Email: maryada.goyal@gmail.com
10	1	Evaluation of antifungal activity of essential oils against human pathogenic yeast and filamentous fungi	V. Uniyal	Research Scholar SGRR (PG) College Pathribagh Dehradun Email: veenauni@yahoo.com Mob: 9997234227 TelFax: 0135-2624881
11	1	Effect of psychrotolerant cadmium resistant <i>Pseudomonas putida</i> 710A strain on Mungbean (<i>Phaseolus vulgaris</i>) growth in presence of cadmium	Anju Rani	Department of Microbiology G.B. Pant University of Agriculture and Technology Pantnagar- 263145 Tel: 05944-233341 Fax: 05944-233341 Email: anju.teotia@gmail.com

12	1	Application of Hyperthermostable Amylase in biofuel production from <i>Geobacillus</i> sp. IIPTN isolated from Uttarakhand's Himalaya	Pratibha Dheeran	Senior Research Fellow Biotechnology Area (PEACBD) Indian Institute of Petroleum (CSIR) Mohkampur, Dehradun Email: pratibhadheeran@gmail.com Mob: 9359974077 Tel: 0135-2525763 Fax: 0135-2660203
13	1	Effect of bioremediation on plant height and % crop emergence of hill bamboo (<i>Drepanostachyum Falcatum</i>) in different treatment combinations of soil.	Himanshu	Lecturer Department of Biotechnology Dev Bhoomi Institute of Applied Sciences Dehradun Email: saini.biotech@gmail.com
14	1	Genetic variability and association of RAPD and SSR markers with calcium and protein contents in finger Millet (<i>Eleusine Coracana</i> L. Gaertn.) genotypes of Uttarakhand	Preety Panwar	JRF Department of Molecular Biology and Genetic engineering G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9917156593 Email: preity.pan@gmail.com
15	1	Preparation of nano gold particles labeled antibody probe for developing single step immuno-chromatography assay for diagnosis of quarantined Karnal bunt (<i>Tilletia indica</i>) disease of wheat	Manoj Singh	JRF Department of Molecular Biology & Genetic Engineering College of Basic Sciences & Humanities G.B. Pant University of Agriculture & Technology Pantnagar-263 145 Mob: 9997988981 Tel: 05944-233898 Email: manojmanu.biotech@gmail.com
16	1	Inducible clindamycin resistance in gram positive bacteria from tertiary care hospital	Punam Bisht	Student Institute of Allied Health (Paramedical) Services Education and Training Department of Biochemistry UFHT Medical College Haldwani Mob: 9808106172 Tel" 05946-246222 Email: punam.bisht@yahoo.com
17	1	Use of RAPD to characterize isolates of <i>Cylindrocladium quinquesepatum</i> causing leaf and seedling blight in <i>Eucalyptus</i>	Pooja Arya	Field Associate Forest Pathology Division Forest Research Institute Dehradun Tel: 01352224225 Mob: 9410558751 Email: poojaaryaa@gmail.com

18	1	Nutritional variability of <i>Fusarium solani</i> causing wilt in <i>Dalbergia sossou</i>	Divyadhara Rathod	Field Associate Forest Pathology Division Forest Research Institute Dehradun Tel: 01352224225 Mob: 9410148642 Email: r.ddivya85@gmail.com
19	1	Dissipation and degradation of Lindane by actinomycetes isolated from contaminated sites of Pantnagar University campus	Shalini Phartyal	Research Scholar Department of Microbiology College of Basic Sciences & Humanities G. B. Pant University of Agriculture & Technology Pantnagar-263145 U.S.Nagar Email: phartyal9@gmail.com Mob: 9411320518
20	1	Alteration of genetic make-up of Karnal Bunt (<i>Tilletia indica</i>) pathogen of wheat in presence of host factors(s) extracted from wheat spikes	Atul K Gupta	JRF Department of Molecular Biology & Genetic Engineering College of Basic Sciences & Humanities G B Pant University of Agriculture & Technology Pantnagar Mob: 9760360755 Tel: 05944-233898 Email: atulkbitech@gmail.com
21	1	Embryonic stem cells: A Boon to Medical Sciences	Ritu Shah	Department of Molecular Biology and Genetic Engineering CBSH G.B.P.U.A &T Pantnagar- 263145 Email: ritushahbiotech@gmail.com
22	1	Nutritional potential of ten cultivars of <i>Phaseolus Vulgaris</i> of Uttarakhand	Juhi Mishra	JRF Department of Biotechnology Sardar Bhagwan Singh (P.G.) Institute of Biomedical Sciences & Research Balawala, Dehradun Mob: 9411528326 Email: jmishra212004@gmail.com, aradhanapratap@rediffmail.com
23	1	Genetic validation and characterization of SSR markers differentiating <i>Dalbergia Sissoo</i> genotypes	Shalini Singh Maurya	Research Scholar Division of Genetics and Tree Propagation Forest Research Institute Dehradun Tel: 0135-2224403, 0135-2673930 Email: sh_maurya@yahoo.co.in

24	1	Callus and Agrobacterium-mediated hairy root culture for the production of active ingredients from <i>Picrorhiza kurrooa</i> : An endangered medicinal plant	Janhvi Mishra	SRF G.B. Pant Institute of Himalayan Environment & Development Kosi-Katarmal Almora - 263 643 Mob: 9411525499 Tel: 05962-241041 Email: janhvi_mishra@rediffmail.com, shyamal_nandi@rediffmail.com
25	1	Diversity of root nodulating bacteria associated with <i>Trigonella foenum-graecum</i> isolated from different areas of Uttarakhand	Harish Kumar	Research Fellow UGC RFSMS Department of Botany and Microbiology Gurukul Kangri University Haridwar – 249404 Tel: 01334-246767, 235003 Mob- 09410730060 Email: harish2129@gmail.com
26	1	Cultural variability in different <i>Ganoderma lucidum</i> isolates	Sona Singh	JRF Plant Physiology Division Botany Division Forest Research Institute Dehra Dun Mob: 9415681948 Email: sona.singh13@gmail.com
27	1	Management of fungal deterioration of Satawar roots in storage: A success story	Vaishali Mathpal	Research Scholar Plant Physiology Division Botany Division Forest Research Institute Dehra Dun Mob: 9410770076 Tel: 0135-2752672 Email: patho.vaishali@gmail.com
28	1	Study of aeromycoflora of Dehradun in relation to allergy	Vishal Kumar	Research Scholar Plant Physiology Division Botany Division Forest Research Institute Dehra Dun Mob: 9358125193 Tel: 0135-2224226, 2224303 Fax: 0135-2756865 Email: vchauhan.fri@gmail.com

29	1	Survival of potential probiotic lactobacilli in the presence of LOW pH and high bile salts	Tejpal Dhewa	Assistant Professor Department of Microbiology Dolphin (P.G.) Institute of Biomedical and Natural Science Manduwala, Chakarata Road Dehradun Tel: 0135-2694545 Fax: 0135-2694547 Mob: 9997703254, 9358581718 Email: tejpal_dhewa07@rediffmail.com
30	1	Characterization and molecular diversity of <i>Bacillus Thuringiensis</i> isolated from different locations of Uttarakhand	Praveen Dhyani	JRF (NMPB-IDB) G.B. Pant Institute of Himalayan and Development Kosi-katarmal Almora-263601 Mob: 9997981719 Tel: 05962-241041 (extn-32) Fax: 05962-241150/ 241153 Email: praveen_dhyani@rediffmail.com
31	1	Shoot regeneration in <i>Meizotropis pellita</i> , an endangered, endemic plant of Patwadanger, Nainital, Uttarakhand	Lalit Singh	Research Scholar Department of Biotechnology Kumaun University Nainital Tel: 05942-235521 Email: lalit_negi2@yahoo.com, tapannailwal@gmail.com
32	1	Enzymatic hydrolysis of <i>Lantana camara</i> saw dust for the production of biofuel	Irshita Bajpae	Department of Biotechnology S.B.S.(PG) Institute of Biomedical Sciences & Research Dehradun
33	2	Conservation of <i>Saussurea Costus</i> through <i>In Vitro</i> mass propagation	Snehlata Bhandari	Lecturer Department of Botany H N B Garhwal University Pauri Campus Pauri Email: snehlb@yahoo.co.in
34	2	<i>In-vitro</i> analysis of antioxidant potential of <i>Punica granatum</i> L. and its effect in Alloxan induced diabetic rats	Sushil Kumar Middha	Research Scholar Department of Zoology Government Post Graduate College Rishikesh Tel: 01332-271688 Email: sushilmiddha@yahoo.com

35	2	Evaluation of antioxidant potential of four folk antidiabetic plants	Ashish Deep Gupta	Faculty Member ICFAI University Central Hope Town Rajawala Road Selaqui Dehradun Mob: 9760012375 Tel: 0135-3003033 Fax: 0135-3003080 Email: ashishdeepgupta@rediffmail.com
36	2	<i>Aeromonas</i> sp. RA12T1, an isolate from Ganga, promotes plant growth and degrades poly aromatic hydrocarbons	Piyush Pandey	Senior Lecturer Department of Microbiology S.B.S (P.G.) Institute of Biomedical Sciences and Research Balawala Dehradun Email: piyushgkp@rediffmail.com TelFax: 0135-2686246 Mob: 9358108007
37	2	Probing the involvement of hypersensitive response gene (s) during pathogenesis of <i>Alternaria</i> blight in <i>Brassica juncea</i>	Dinesh Pandey	Assistant Professor Department of Molecular Biology & Genetic Engineering G.B. Pant University of Agriculture & Technology Pantnagar-263 145 Tel: 05944233898 Fax: 05944233473 Mob: 9412120784 Email: dineshpandey73@yahoo.co.in
38	2	Genetic divergence among the Uttarakhand isolates of medicinal fungus <i>Cordyceps sinensis</i>	Partha Sarathi Mohanty	Scientist-E Forest Pathology Division Forest Research Institute Dehradun Email: pandeya@icfre.org Tel: 01352224225 Mob: 9412381193
39	2	In-Silico approach from structure prediction to drug designing on HIV using Trim5alpha(A wonder protein)	Parvez Alam	Co-ordinator and Expert Bioinformatics Research Pradhan Shamsheer Center for Fundamental Research Paniyala chandapur Roorkee- 247667 Mob: 9810297291, 9917171449 Email: kunwarparvez@gmail.com

40	2	Designing and validation of locus specific primers for Pinene Synthase and Diterpine Synthase gene in <i>Pinus roxburghii</i> Sarg	Santan Barthwal	Scientist-C Division of Genetics and Tree Propagation Forest Research Institute Dehradun Mob: 9410504035 Email: anita_sk2003@gmail.com, sharma_arvindbt2005@rediffmail.com
41	2	Genetic transformation of tomato (<i>Lycopersicon esulentum</i>) with GPAT gene for improving cold tolerance	Sanjay Mohan Gupta	Scientist C Defence Institute of Bio-energy Research DRDO Min. of Defence Govt. of India Goraparao PO- Arjunpur Haldwani-263139 Mob: 9412927465 Tel: 05946-232800--225 Fax: 05946-232719 Email: smg555@rediffmail.com
42	2	Selective drug degradation in aquatic system	Shailja Pant	Associate Professor Department of Microbiology Dolphin (PG) Institute of Bio-Medical & Natural Sciences Manduwala, Chakrata Road Dehradun Mob: 9219604565 Tel: 0135-6452708 Fax: 0135-2694547 Email: shailjapant@yahoo.com
43	2	Reproductive abnormalities induced by Triclosan, a widely used anti-microbial	Vikas Kumar	Faculty ICFAI University Central Hope Town Rajawala Road Selaqui Dehradun Mob: 9997566597 Tel: 0135-3003033 Email: pundeervikas@rediffmail.com, vickydb@gmail.com
44	3	Anti-malarial properties of some plants from Garhwal region of North- West Himalaya	Virendra K Dua	Scientist F National Institute of Malaria Research Field Unit, Sector III, BHEL Hardwar Mob: 9897491411 Tel/Fax: 01334-233435 Email: vkdua51@gmail.com

45	3	AnimalLectinDb: A comprehensive animal lectin data base	Yashoda Mittal	<p>Reader Department of Zoology Government Post Graduate College Rishikesh</p> <p>Mob: 9412929037 Tel: 01332-285313 Email: yashu.mittal@gmail.com</p>
46	3	Exploring the diversity of antibiotic producing soil actinomycetes in Uttarakhand	Gaj Raj Singh Bisht	<p>Reader Department of Microbiology Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun</p> <p>Tel: 0135-2686246 Mob: 9719148874 Email: grs_bisht@yahoo.co.in</p>
47	3	Quality protein maize using MAS- Concept to reality	P. K. Agrawal	<p>Principal Scientist Vivekanand Parvatiya Krishi Anusandhan Sansthan (ICAR) Almora - 263601</p> <p>Tel: 05962-230060 Fax: 05962-231539 Mob: 9411525150 Email: pawancrri@yahoo.co.in</p>
48	3	Enzymatic hydrolysis of <i>Mangifera indica</i> saw dust and its used as potential feedstock for the production of Single Cell Protein (SCP) and citric acid	Sanjay Gupta	<p>Reader Department of Biotechnology Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun</p> <p>Mob: 9410153750 Email: sanjay_gupta9999@rediffmail.com</p>

Biotechnology, Biochemistry & Microbiology -- POSTER

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Plant regeneration through Somatic Embryogenesis in <i>Sapindus Mukorossi</i>	Upma Dobhal	Research Scholar Department of Botany H N B Garhwal University Pauri Campus Pauri Email: upmadobhal@yahoo.co.in
2	1	Determination of Chlorophyll content in indigenous plant <i>Chenopodium album</i> and <i>Lepidium latifolium</i> under salt stress	Atin jaiswal	SRF Department of Genetics and Plant Breeding G.B Pant University of Ag. &Tech. Pantnagar- 263145 Mob: 9634990806 Email: atinbiotech07@gmail.com
3	1	Screening of antimicrobial activity of crude aqueous extract of colocasia esculenta	Namrata	Junior Research Fellow Department of Biochemistry Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun Mob: 9897365737 Tel: 0135-2686246 Fax: 0135-2686231 Email: namrata.chhetri@yahoo.com, bsinghko@gmail.com
4	1	Quantitative and molecular diversity for carotenoids in maize (<i>Zea mays L.</i>)	Priyanka Mishra	Student Department of Genetics and Plant breeding G.B. Pant University of Agriculture and Technology Pantnagar (US Nagar) Mob: 9411377416 Email: mishra.priyanka27@gmail.com
5	1	Selection of indigenous thermotolerant and high alcohol tolerant isolates of yeast for bioethanol production	Arti	Research Scholar Department of Microbiology College of Basic sciences and humanities G.B. Pant University of Agriculture and Technology Pantnagar (US Nagar) Mob: 9410164969 Tel: 01334-235003 Email: poojaarti12@yahoo.co.in

6	1	<i>Ginkgo biloba</i> rhizosphere: Microbial diversity and Applications	Mukesh K Malviya	SRF Biotechnological Applications G.B. Pant Institute of Himalayan Environment and Development Kosi-Katarmal Almora-263643 Mob: 9917958758 Fax: 05962-241150 Email: mukeshmicro@rediffmail.com
7	1	Partial purification and characterization of a solvent and bleach tolerant cysteine protease produced by a soil isolate <i>Micrococcus</i> sp. P-2 of Uttarakhand Himalaya	Lokendra Kumar	Junior Research Fellow Department of Biotechnology Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun Tel: 0135-2525763 Fax: 0135-2660203 Mob: 9410703482 Email: dghosh@iip.res.in
8	1	<i>In vitro</i> propagation of superior clones of <i>Dalbergia Sissoo</i> Roxb. (Shisham)	Aradhana Chauhan	Research Scholar Plant Physiology Division Botany Division Forest Research Institute Dehra Dun Mob: 9897384883, 9368453232 Email: aradhana.chauhan@gmail.com
9	1	Phosphate solubilizing potential of heavy metal (Cd) tolerant <i>Trichoderma</i> sp. and its biocontrol efficiency against fungal phytopathogens	Rekha Rawat	Research Scholar Department of Microbiology College of Basic Sciences & Humanities G.B Pant University of Agriculture & Technology Pantnagar-263145 Mob: 9411723063 Tel: 0135-2677106 Email: rekha209kavi@yahoo.co.in
10	1	Response surface optimization of dilute acid and alkali pretreatment of sweet sorghum bagasse for microbial saccharification	Jitendra Kr. Saini	Research Scholar Department of Microbiology College of Basic Sciences & Humanities G.B Pant University of Agriculture & Technology Pantnagar-263145 Email: me_jk@rediffmail.com Mob: 9411320078 Tel: 01334-255102

11	1	Heavy metal remediation using biosurfactant from plant growth promotory fluorescent Pseudomonads isolated from oil contaminated site	Swati Chauhan	<p>Research scholar Department of Microbiology College of Basic Sciences and Humanities G.B. Pant University of Agriculture and Technology Pantnagar (US Nagar)</p> <p>Mob: 9456642636 Email: swati_chauhan30@yahoo.co.in</p>
12	1	Tarter Buckwheat: A potential of Nutraceutical	Garima Kishore	<p>Project Assistant Department of Biotechnology Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun</p> <p>Mob: 9415076063 Email: garima_dixit2007@rediffmail.com</p>
13	1	Evaluation of saccharomyces based ethanol production from apple pomace	Govind Kumar	<p>Department of Microbiology College of Basic Sciences & Humanities G.B. Pant University of Agriculture & Technology Pantnagar-263 145</p> <p>Email: govind34093@gmail.com</p>
14	1	<i>In Silico</i> assessment of <i>apx</i> gene function involved in antioxidant defense pathway	Saurabh Pandey	<p>Sr. Research Fellow Department of Molecular Biology & Genetic Engineering College of Basic Sciences and Humanities G.B. Pant University of Agriculture and Technology Pantnagar-263145</p> <p>Tel: 05122584164 Mob: 9410134669 Email: saurabhpandey28@gmail.com, plantstress@gmail.com</p>
15	1	Bioconversion of vegetable and fruit peel wastes in to viable product	Vikash Kandari	<p>Junior Research Fellow Department of Biotechnology Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun</p> <p>Mob: 9997164942 Email: kandarivikash@gmail.com</p>
16	1	Active ingredient analysis and propagation of <i>Zanthoxylum armatum</i> DC. : An important Himalayan medicinal plant	Mahendra Singh	<p>Lab./Field Asst. G.B. Pant Institute of Himalayan Environment & Development Kosi-Katarmal Almora - 263 643</p> <p>Mob: 9411759339 Tel: 05962-41041*51 Email: mahendra_neh@yahoo.com, shyamal_nandi@rediffmail.com</p>

17	1	Comparative analysis of Cystatin sequences in <i>Arabidopsis thaliana</i> , <i>Oryza sativa</i> and <i>Sorghum bicolor</i>	Anshita Goel	Project Assistant Department of Molecular Biology & Genetic Engineering CBSH G.B. Pant University of Agriculture and Technology Pantnagar – 263145 Mob: 9412849385 Email: anshita.goel@yahoo.co.in
18	2	Bioremediation and decolourization of distillery waste water by bacterial strains	Namrata Gupta	Research Scholar Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun Mob: 9412915703 Email: namrata3001@yahoo.co.in
19	2	A comparative analysis of RAPD, SSR and ISSR markers for genetic diversity assessment in Kalanamak rice (<i>Oryza sativa</i> L.)	S. K. Shukla	J.R.F. Department of Plant Pathology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar- 263145 Mob: 9005608644 Email: sarveshbiotech08@gmail.com
20	3	<i>In vitro</i> establishment of cultures of <i>Ginkgo biloba</i> – an important medicinal plant	Meena Bakshi	Scientist C Plant Physiology Botany Division Forest Research Institute Dehra Dun Email: bakshim@icfre.org Mob: 9837350012 Tel: 0135-2224410, 0135-2659213
21	1	<i>In vitro</i> regeneration of multiple shoots in <i>Ephedra Gerardiana</i> from stem explant	Vandana Sharma	Research Scholar Biotechnology Lab. Department of Botany Kanahiya Lal DAV PG College Roorkee Mob: 9719241018 Off: 01332-262268 Fax: 01332-262268 Email: vandnavashist21@gmail.com

22	1	Micropropagation protocol for <i>Dendrocalamus hamiltonii</i> using nodal segment from mature clump	Abhinav Kant	SRF Tissue Culture Discipline Botany Division Forest Research Institute P.O. New Forest Dehradun - 248006 Tel: 0135 - 2224402 Mob: 9412145239 Email: akant23@gmail.com, bishtrabha@rediffmail.com
23	1	Studies of spore germination of <i>Ganoderma lucidum</i>	Pooja Kannoja	FA Plant Physiology Division Botany Division Forest Research Institute Dehra Dun Mob: 9411295756 Email: pooja.1985k@gmail.com
24	2	To study the phosphate solubilizing efficiency of <i>alkaligenes faecalis</i>	Shruti Agrawal	Research Scholar Botany Department DAV (PG) college Dehradun Mob: 9927069463 Tel: 01332-275567 Email: agrawals.rs@gmail.com

4th Uttarakhand State Science & Technology Congress -- 10-12th November, 2009 -- at GBPUAT, Pantnagar

Botany -- ORAL

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Studies on the influence of IAA, IBA and GA ₃ on root and stem biomass of <i>Plumbago Zeylanica</i> L.	Meenakshi Walia	Research Scholar Department of Botany Govt. Post Graduate College Rishikesh 249201 Email: walia.rishikesh@gmail.com ; rajwargs@hotmail.com
2	1	Role of Root Endophytic Aquatic Hyphomycetes in Plant Health	Pratibha Arya	Research Scholar Dept. of Botany D. S. B. Campus Kumaun University Nainital-263002 Tel: 05942-237999, 05942-235596 Mob: 9411196966 Email: arya.pratibha_82@yahoo.co.in
3	1	<i>In vitro</i> Evaluation of the Antibacterial Activity of <i>Parmotrema nilgherrense</i> Thallus Extracts	Savita Joshi	Research Scholar Department of Botany D. S. B. Campus Kumaun University Nainital -263002 Tel: 05942-235596 Mob: 9917805134 E-mail: savijoshi@ymail.com
4	1	<i>In vitro</i> evaluation of antimicrobial activities of different bryophytes	Dheeraj Gahtori	Department of Biological Sciences College of Basic Sciences and Humanities G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9997712884 Email: gahtori_dheeraj@rediffmail.com
5	1	Variation in wood anatomical properties in micro-propogated plantations in inter-location trials of L-34 clone of <i>Populus deltoids</i> Batr. Ex Marsh	Pallavi Gautam	Research Scholar Wood Anatomy Discipline Botany Division Forest Research Institute Dehradun Mob: 9758165958 Email: pallavi_gautam1982@yahoo.co.in

6	1	Preliminary studies on the inheritance pattern of wood traits in <i>Populus Deltoides</i> Bartr. Ex Marsh	Massarat Aziz	Research Scholar Wood Anatomy Discipline Botany Division Forest Research Institute Dehradun Mob: 9410926278 Email: masrat.012@gmail.com
7	1	Studies on phenology of <i>Q. leucotrichophora</i> & <i>R. arboreum</i> along an altitudinal gradient in Kumaun Himalaya	Sanjay Kumar	Department of Botany D.S.B. Campus Kumaun University Nainital Email: 14sanjay.kumar@gmail.com
8	1	Seed germination and seedling analysis in <i>Zanthoxylum Armatum</i> Roxb. (Rutaceae)	Ramdas	Research Scholar Department of Botany Govt. P.G. College Uttarkashi Email: swatikuriyal@gmail.com Mob: 9997382957
9	1	Gradient variability in vegetation structure of two <i>Asthaverga</i> species in Northwest Himalaya	Poonam Bisht	JRF High Altitude Plant Physiology Research Organization (HAPPRC) Post Box No. 14 H. N. B. Garhwal University Srinagar Email: poorna.26@gmail.com Tel: 01346252172 Fax: 0346252070 Mob: 9761543845
10	1	A new technique for vegetative propagation of <i>Jatropha curcas</i> Linn.	Kshitij Malhotra	Project Fellow Silviculture Division Forest Research Institute Dehradun Email: rishipop@gmail.com Tel: 0135-2224610 Mob: 9456313185
11	1	The changing composition of the forests of Garhwal Himalaya	Prakash Chandra	Research Scholar Ecology Lab Department of Botany Govt. Post Graduate College Rishikesh 249201 Mob: 9997868160 Email: kuniyalprakash@gmail.com

12	1	Open top chambers for exposing alpine plants to elevated CO ₂ : Innovation in Indian Alpine	Ashish K. Chaturvedi	<p>Junior Research Fellow High Altitude Plant Physiology Research Centre Post Box No. -14 HNB Garhwal University Srinagar</p> <p>Tel: 01346 253760 Mob: 9411056641 Fax: 01346 252070 Email: ashi_spc@rediffmail.com, ashispc@gmail.com</p>
13	1	Essential Oils as Potential Antifungal Agents: From Agriculture to Biological Activity	Deepa Bisht	<p>Research Scholar Botany Department Govt PG College Ramnagar Kumaun University Nainital</p> <p>Mob: 9452351162 Tel: 05947 -252899 Email: deepa_ocean1981@yahoo.co.in</p>
14	1	Studies on the fungal flora in the rhizosphere of pea plant	S. Guleri	<p>Research Scholar SGRR (PG) College Pathribagh Dehradun</p> <p>Email: gulluguleri@yahoo.com Mob: 9756269496 Tel/Fax: 0135 -2624881</p>
15	1	Antibacterial activity of <i>Boerhaavia Diffusa</i> (Punarnava) on certain human pathogenic bacteria	Shweta Majgaine	<p>Research Scholar Department of Botany Kumaun University S.S.J. Campus Almora</p> <p>Mob: 9412977361 Email: shwetadmajgaine2007@rediffmail.com</p>
16	1	Incidence of Mycoflora and Mycotoxins in medicinal fruits of forest origin	Kamlesh Chandra Pandey	<p>Lecturer Dev Bhoomi Institute of Applied Sciences Manduwala DehraDun</p> <p>Tel: 0135- 2694241 (ext. 239) Mob: 9456546276 Fax: 0135-2694245 Email: kamleshpandey25@yahoo.com</p>

17	1	Growth performance of different clones of <i>Dalbergia sissoo</i> Roxb. (Shisham) in a clonal seed orchard	Arvind Sharma	Research Scholar Plant Physiology Division Botany Division Forest Research Institute Dehra Dun Tel: 01352224410 Mob: 9412649493 Email: sharma_arvindbt2005@rediffmail.com
18	1	Xylotomic study of Indian <i>Morus</i> Linn. (Mulberry) Moraceae	Dheerendra Kumar	Research Scholar Wood anatomy Discipline Botany division Forest Research Institute Dehradun-248006 Mob: 9415484837 Tel: 0135-2224265 Email: dheeru167@gmail.com
19	1	Occurrence of Polyembryony in <i>Jatropha curcas</i> L.	Sanjay Singh	Junior Research Fellow Silviculture Division Forest Research Institute PO- New Forest Dehradun Tel: 0135-2224610 Mob: 9410523979 Email: sanjaysingh83@gmail.com
20	1	Screening and Selection of Promising genotypes of <i>Dalbergia sissoo</i>	Shivani Dobhal	Scientist WoS-B Division of Genetics & Tree Propagation Forest Research Institute Dehradun Email: shivani_dobhal83@rediffmail.com Mob: 9410101466 Tel: 0135-222-4379
21	1	Invasive alien species of village forest ecosystem (Dikhol village, Tehri Garhwal) and management strategy	Arti Khanduri	Research Scholar Botany Division Forest Research Institute Dehradun Mob: 9411521864 Email: anamikakhanduri15@gmail.com
22	1	Floristic account of Atta and Jamdhar glaciers in Govind Wildlife Sanctuary and National Park	Ranjeet Kaur	Research Scholar Ecology Research lab. Botany Department D.A.V. (P.G) Dehradun Mob: 9368352588 Email: ranjeet12@gmail.com

23	1	Woody plant diversity of Tons riverine ecosystem, Uttarakhand	Arvind Singh	<p>Research Scholar Ecology Research lab. Botany Department D.A.V. (P.G) Dehradun</p> <p>Mob: 9997314920 Email: arry.chauhan@gmail.com, spjbotdav03@yahoo.co.in, ranjeet12@gmail.com</p>
24	1	Plant diversity of apple orchards in district Dehradun	Vishamber Joshi	<p>Ecology Research lab. Botany Department D.A.V. (P.G) Dehradun</p> <p>Email: spjbotdav03@yahoo.co.in, arry.chauhan@gmail.com</p>
25	1	The resource depleting vulnerable alpine meadows need immediate conservation	Rashmi Bijalwan	<p>Research Scholar Ecology Research lab. Botany Department D.A.V. (P.G) Dehradun</p> <p>Tel: 0135-2103562 Mob: 9897180190 Email: rashmibijalwan@rediffmail.com</p>
26	1	Influence of sewage sludge application on seed germination, seedling growth, pigment content & phytomass of Basmati rice (<i>Oryza sativa</i> Var. T3)	Gautam Mandal	<p>Ecology Research Lab. Botany Department D.A.V. (P.G) Dehradun</p> <p>Email: gautam231@indiatimes.com</p>
27	1	Biological control of wilt disease of <i>Withania somnifera</i> caused by <i>Fusarium solani</i>	Shubhra Bhandari	<p>Forest Pathology Division Forest Research Institute Dehradun</p> <p>Mob: 9876062111 Tel: 0135-2752672 Email: shubhrafri@yahoo.co.in</p>
28	1	Plant growth regulators and soil influence an early flowering of high altitude endangered orchid <i>Dactylorhiza hatagirea</i> (D.Don) Soo at lower elevation	Dinesh Giri	<p>Research Scholar Plant Tissue Culture Laboratory Department of Botany D.S.B. Campus Kumaun University Nainital-263002</p> <p>Mob: 9456321608, 09411197618 Tel: 05942-235596 Email: giri.online@yahoo.com, giri_gld@rediffmail.com</p>

29	1	Study on cultivation of <i>Tinospora cordifolia</i> under different sand and soil ratios	Ritu Vishnoi	Research Scholar Department of Botany Govt. P.G. College Rishikesh Mob: 9411726355 Tel: 0135-2451325 Email: research_ritu@yahoo.com, rajwargs@hotmail.com
30	2	<i>Cordyceps sinensis</i> (Berk) Sacc. Keera-Jari: an economic booster forest product from alpine meadows of Garhwal Himalaya	V.P. Bhatt	Assistant Professor Department of Botany Govt. P G College Gopeshwar Chamoli-246 401 Mob: 9412364460 Tel: 01372-252145 Email: bhattvp3@yahoo.com
31	2	Isolation and study of Mycoflora associated with decomposing pine needles of mat and non-zone of pine forests of Almora	Deepa Pant	Research scholar Department of Botany Kumaun University S.S.J. Campus Almora Tel: 05946-235889 Mob: 9917806898, 9412101135 Email: cooldeepa31@rediffmail.com
32	2	Distribution, adaptation and climate change studies on the Alpine Lichens of Milam glacier in Uttarakhand	Santosh Joshi	Student Govt. Post graduate College Pithoragarh Mob: 9454745734 Email: sj_lichenology@rediffmail.com
33	2	Ethnomedicinal plants used in touch therapy by Van Gujjars of Indo Nepal sub Himalayan terai region of Udhamasinghnagar district of Uttarakhand	Shilpa Vakshasya	F-31, F.R.I. New Forest, Dehradun Email: gopaldixit2k@yahoo.com
34	2	System transfer function in temperate grassland of Western Himalaya	Mahendra Pal Singh	Lecturer(Contractual) Department of Botany Govt.P.G.College Uttarkashi Tel: 01374222148, 01374222841 Mob: 9411513437,9997976402 Fax: 01374-224142 Email: mahen2004@rediffmail.com

35	2	A survey of aeromycoflora of libraries of Dehradun district	P. Sharma	Lecturer Botany Department SGRR (PG) College Pathribagh Dehradun Email: depttbot@ymail.com Mob: 9412001600 TelFax: 0135-2624881
36	2	Wood Microstructure of Indian <i>Rhamnus</i> Linn. (Rhamnaceae)	Vishakha Saxena	Research Associate Wood Anatomy Discipline Forest Research Institute Dehradun-248006 Mob: 9412412941 Tel: 0135-2224265 Email: vishaka_r@indiatimes.com
37	2	Antimicrobial potential of some bryophytes of Uttarakhand	Preeti Chaturvedi	Assistant Professor Department of Biological Sciences College of Basic Sciences and Humanities G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9457166657 TelFax: 05944-233309 Tel: 05944-235596 Email: an_priti@yahoo.co.in
38	2	Post harvest quality and vase life of gladiolus (<i>Gladiolus grandilorus</i> L.) cut spikes as affected by vase chemicals	Kanak Pal	Ph.D Scholar Department of Plant Physiology G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9758327781 Tel: 0581-2303672 Email: kanakvarshney@gmail.com
39	2	Characteristics of MSW and floristic diversity in the landfill site of Nagar Nigam, Dehradun	Seema Manwal	Researcher Scholar Ecology Research lab. Botany Department D.A.V. (P.G) Dehradun Mob: 9412918667, 9241380187 Email: seema_manwal@yahoo.com, seemamanwal@gmail.com, spjbotdav03@yahoo.co.in, ranjeet12@gmail.com

40	2	<i>Swertia speciosa</i> - A new source of mangiferin and amaroswerin	R.S. Chauhan	<p>Research Associate High Altitude Plant Physiology Research Center (HAPPRC) H. N. B. Garhwal Central University PB-14 Srinagar</p> <p>Mob: 9410955374 Tel: 01346-253760 Email: rchauhanua@gmail.com, mcnautiyal@gmail.com</p>
41	2	Low dose input of chemical fertilizers and plant growth enhancement of oil seed crop with fluorescent <i>Pseudomonas</i>	Sandeep Kumar	<p>Lecturer-Adhoc. Department of Botany and Microbiology Gurukul Kangri University Haridwar – 249404</p> <p>Mob: 9719558765 Te: 01334-249167 Email: sandeepchokar@gmail.com</p>
42	3	Invasive effect of Exot study in Kalika forest	G. Bhattacharyya	<p>Research Scholar (PGT) Regional Research Institute (Ay.) CCRAS Tarikhet - 263663</p> <p>Mob: 9756947044, 9456362792 Fax: 05966-240326 O: 05966-240438 Email: genviron@yahoo.com</p>
43	3	Effect of diversity and distribution of VAM <i>Glomus</i> sp. on growth of <i>Camellia</i> sp. in Uttarakhand	Rajan Kumar Gupta	<p>Senior Lecturer Department of Botany Pt. L.M.S. Govt. P.G. College Rishikesh 249201</p> <p>Tel: 0135-2430495 Mob: 9412319164 Fax: 0135-2450373 Email: rajankgupta1@rediffmail.com</p>
44	3	Regulation of phycocyanin production in cyanobacteria	Siddheshwar Singh Maurya	<p>Sr. Lecturer Department of Botany Govt. Degree College Talwari Chamoli - 246482</p> <p>Tel: 01363-277843 Mob: 9412966329 Fax: 01363-277843 Email: siddhussmaurya@rediffmail.com</p>

45	3	Three dimensional karyotype analysis of <i>zanthoxylum armatum</i> roxb.	G.K Dhingra	Sr. Lecturer Department of Botany Govt. P.G. College Uttarkashi Tel: 01374 -222148 Fax: 01374 -226375 Mob: 9412139156 Email: gulshan_k_dhingra@yahoo.com
46	3	Leaf blade anatomy and epidermal features in gleicheniaceae	N. Punetha	Head Botany Department Government Postgraduate College Pithoragarh Mob: 9759165372 Tel: 0594-264032 Email: punethan_bot@indiatimes.com
47	3	Prospects of saffron cultivation in Uttarakhand	K. C. Tewari	258, Jai Lal Sah Bazar Nainital (Retired Officer In- charge Regional Research Institute of Ayurveda C.C.R.A.S. (Ministry of Health & F.W. Govt. of India) Ranikhet) Tel: 05942 -235902 Mob: 9412986194 Email: kct.medplant@gmail.com
48	3	Comparative study of soil mycoflora of agricultural and grazingland of Dehradun district	S. Saxena	Reader Botany Department SGRR (PG) College Pathribagh Dehradun Email: seemasx@gmail.com Mob: 9412915554 Tel/Fax: 0135 -2624881
49	3	Fluoride and aluminum in <i>Camellia sinensis</i> and their effects on human health	Rakesh Kumar Pathak	Lecturer Department of Botany D.A.V. (P.G.) College Dehradun Mob: 9358101004 Tel: 0135-274355, 2620483 Email: pathakrk@gmail.com, cheetra.10@gmail.com

Botany -- POSTER

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Avenue trees growing in Roorkee and adjoining area	Shubhra Garg	Lecturer Department of Botany Kanahiya Lal DAV PG College Roorkee Tel: 01332-261290 Mob: 9927254164 Email: shubhragarg@rediffmail.com
2	1	Activities of mycorrhizal community along the Mutualism ± Parasitism continuum with plants	Sarika Kashyap	Research Scholar Department of Botany Govt. Post-Graduate College Rishikesh- 249201 Mob: 9259521361, 9259121425 Email: sarikakashyap@gmail.com, rajankgupta1@rediffmail.com
3	1	Screening of Antimicrobial Activity of Essential Oil of <i>Lantana camara L.</i> on Some Pathogenic Bacteria	Anwasha Sah	Research Associate Office of the Silviculturist Fairy Hall Tallital, Nainital Mob: 9412017438 Tel/Fax: 05942-236270 Email: anweshar200017@yahoo.com
4	1	Variation in phycocbiliproteins in cyanobacteria isolated from different altitudes	Anita Pandey	Department of Botany Govt. P.G. College Rishikesh Mob: 9411580103 Tel: 0135-2432593 Email: anita.pandey83@gmail.com
5	1	Effect of sugar factory effluent on chlorophyll and protein contents of cicer arietinum l. and trigonella foenum-graecum	Anubha Sharma	Tech Words School of Professional Studies Manglure Roorkee, Haridwar Email: amit_bio80@yahoo.com
6	1	Occurrence and infectivity of Arbuscular Mycorrhiza in some elected crops in Haridwar	Mohd Irfan	Research Scholar Department o Botany Government P.G. College Rishikesh-249201 Tel: 0135-2450373, 2433846 Fax: 0135-2450373 Mob: 9897548687 Email: mod.irfan@rediffmail.com

7	1	Noxious weeds of the district Rajouri(Jammu and Kashmir)	Aman Deep Singh	<p>Research Scholar Herbarium and Plant Systemics Laboratory HNB Garhwal Central University SRT Campus Badshahi-Thaul Tehri</p> <p>Mob: 9761791823, 9419852412, 9412954084 Fax: 01376254095 Email: antimasharma82@gmail.com, shailu556@gmail.com</p>
8	1	Some lesser known wild edible plants of Nowshera Block of district Rajouri, Jammu and Kashmir	Tajinder Singh	<p>Research Scholar Herbarium and Plant Systemics Laboratory HNB Garhwal Central University SRT Campus Badshahi-Thaul Tehri</p> <p>Mob: 9627014128, 9412954084 Fax: 01376254095 Email: antimasharma82@gmail.com, shailu556@gmail.com</p>
9	1	Habitat ecology and distribution of ferns in inner Himalayan ranges of Kumaon	Kamlesh Bhakuni	<p>Research Student Botany Department Government Postgraduate College Pithoragarh</p> <p>Email: kammubhakuni@yahoo.com Tel: 05964264032 Fax: 05964264032 Mob: 9412977698</p>
10	1	Bee flora in Garhwal Himalaya: A melissopalynological study	Radha Ballabha	<p>Research Scholar Department of Botany HNB Garhwal University Srinagar-246174</p> <p>Mob: 9411354905 Email: radhekuniyal.2007@rediffmail.com</p>
11	1	Traditional knowledge on some medicinal plants used for the treatment of various diseases and ailments in Narendra Nagar Block, Tehri Garhwal Uttarakhand	Antima Sharma	<p>Research Scholar Herbarium and Plant Systemics Laboratory HNB Garhwal Central University SRT Campus Badshahi-Thaul Tehri</p> <p>Mob: 9456557239 Fax: 01376-254095 Email: antimasharma82@gmail.com</p>

12	1	Alkaline phosphatase activity in Cyanobacteria	Shabina Praveen	Research Scholar Department of Botany Govt. Post-Graduate College Rishikesh- 249201 Tel: 0135-2438786 Mob: Email: s.parveen786000@rediffmail.com
13	1	Ecology of VAM and it's effect on diversity	Chitra Sharma	Research Scholar Department of Botany Pt. L.M.S. Govt. P.G. College Rishikesh 249201 Mob: 9760005812, 9760005813 Tel: 01334-251405, 01360-221184 Email: cheetra.10@gmail.com
14	2	Organogenesis in Embryonal explant of <i>Ephedra Gerardiana</i> cultured <i>in vitro</i>	Manjul Dhiman	Biotechnology Lab. Sr. Lecturer & Head Department of Botany Kanahiya Lal DAV PG College Roorkee Mob: 9719031891 Off: 01332-262268 Fax: 01332-262268 Email: manjul.dhiman@rediffmail.com
15	2	Distribution pattern of Terricolous Lichens of Chopta-Tungnath tract with reference to altitudinal variance and association with other vegetation	Himanshu Rai	Research Scholar Department of Botany Pt.L.M.S Govt. P.G College Rishikesh Mob: 9415462755 Email: himanshurai08@yahoo.com
16	2	Study on physico-chemical characteristics of Tehri dam reservoir, Garhwal Himalaya	Ashok K. Agarwal	Department of Botany Govt. Post Graduate College Rishikesh 249201 Email: agarwalak46@rediffmail.com
17	2	Concerns of medicinal plant biodiversity in Shivalik range of Rishikesh	Piyush Kumar Patel	Contract Lecturer Department of Botany Govt. P.G. College Kotdwar Mob: 9760197265, 9410561764 Email: piyushpatel2305@yahoo.in, manjul.dhiman@rediffmail.com

18	3	Growth vs. wood properties and their variations in clonal plantations of <i>Dalbergia sissoo</i> Roxb	P. K. Pande	Scientist-D Wood anatomy Discipline Botany division Forest Research Institute Dehradun-248006 Tel: 0135-2224278 Email: pandep123@rediffmail.com
19	3	Studies on the foliar mulberry diseases of Uttarakhand under agro-climatic condition of Doon valley, their control and effect on silk production	V.B. Srivastava	Scientist C Regional Sericultural Research Station Central Silk Board, Min. of Textiles (Govt. of India) Sahaspur – 248 197 Dehradun Mob: 9997305004 Tel: 0135-2697582, 2110072 Fax: 0135-2697582 Email: swati_sri0210@yahoo.co.in, nkb1123@rediffmail.com
20	3	Response of different weed species extracts on seed germination, protein content and its banding pattern in different varieties of wheat	P.B. Rao	Department of Biological Sciences College of Basic Sciences and Humanities G.B. Pant University of Agriculture and Technology Pantnagar-263145 Email: pasumartib658@gmail.com Tel: 05944 -233309, 05944 -233013 Fax: 05944 -233473 Mob: 9412120957
21	1	Diversity and distribution of Cyanolichens in Uttarakhand, India	Roshni Khare	Student Department of Botany Pt. L. M. S. Govt. P.G. College Rishikesh Tel/Fax: 0135 -2450373 Mob: 9889689223 Email: khareroshni@gmail.com
22	1	Land utilization farming in Uttarkashi the hilly region of the Uttarakhand	Vardan Singh Rawat	Junior Research Scholar Department of Botany D.S.B. Campus Kumaun University Nainital Mob: 9411395791, 9548324398 Email: singhvardan@rediffmail.com
23	1	Intra- and inter -tree variations in wood traits for paper making properties of <i>Eucalyptus Teriticornis</i> SM.	Sangeeta Uniyal	Research Scholar Wood Anatomy Discipline Botany Division Forest Research Institute Dehradun Mob: 9456374179 Email: saviuniyal@gmail.com

24	1	Extraction of DNA from sapwood of <i>Pinus roxburghii</i> for conducting PCR based assays	Anita Rawat	Division of Genetics and Tree Propagation Forest Research Institute Dehradun Mob: 9456541494 Email: anita_sk2003@gmail.com
25	1	Epiphytic lichen flora of Pithoragarh district, Uttarakhand	Gaurav Kumar Mishra	Student Department of Botany Govt. PG College Pithoragarh Email: gmishrak@gmail.com Mob: 9415688614 Fax: 0135-2450373
26	1	Seed germination and seedling analysis of <i>Andrographis Paniculata</i> (Kalmegh)	Swati Kuriyal	Research Scholar Department of Botany Govt. P.G. College Uttarkashi Mob: 9410554597 Tel: 01374-222897 Email: swatikuriyal@gmail.com
27	1	Antifungal activities of <i>Ginkgo Biloba</i> and its medicinal properties	Beena Chanyal	Department of Botany Kumaun University S.S.J. Campus Almora Mob: 9411702716 Email: chanyal.beena@rediffmail.com
28	3	Rare and Threatened Plants of Uttarakhand	Lalit Tewari	Reader Department of Botany D.S.B.Campus Kumaun University Nainital Mob: 9412362085 Email: l_tewari@rediffmail.com
29	3	Folk remedies by some common plants of <i>Tarai</i> region of Kumaun, Uttarakhand	Anjali Mathur	Research Scholar Department of Botany Kumaun University SSJ Campus Almora Tel: 05944-233221 Mob: 9411159960 Email: anjalimathur.rs@rediffmail.com

4th Uttarakhand State Science & Technology Congress -- 10-12th November, 2009 -- at GBPUAT, Pantnagar

Chemistry -- ORAL

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Antioxidant and antibacterial activities of the leaf volatiles of <i>Machilus</i> species from Kumaun and Garhwal regions of Uttarakhand	Subhash Chandra Joshi	Phytochemistry Research Laboratory Department of Chemistry D.S.B. Campus Kumaun University Nainital Tel: 05942-236943 Mob: 94103 75399 Email: joshisc1983@gmail.com
2	1	<i>Skimmia Anquetilia</i> N.P. Taylor & Airy Shaw : Essential oil composition from flowers and leaves and their antibacterial, antioxidant and antifeedant activity	Manjul Gondwal	Department of Chemistry G.B. Pant University of Agriculture and Technology Pantnagar (US Nagar) Mob: 9411159551 Fax: 05944-233473 Email: m.gondwal@gmail.com, op_orgchem@yahoo.co.in
3	1	Chemical analysis and ovipositional responses to egg extract of groundnut bruchid, <i>Caryedon Serratus</i> (Olivier)	Mamta Latwal	Student Department of Chemistry G.B.Pant University of Agriculture and Technology, Pantnagar (U.S.Nagar) Tel: 05944-233331-4503 Res: 05944-233458 Email: mamta.latwal@gmail.com, s_kanaujia@yahoo.com
4	1	Chemotypic variation, antimicrobial and sprout suppressant activity of essential oils of <i>Mentha Spicata</i> collected from different regions	Shailendra S. Chauhan	Department of Chemistry G.B.Pant University of Agriculture and Technology Pantnagar (U.S.Nagar) Mob: 9927328627 Email: shailu.chauhan1@gmail.com, op_orgchem@yahoo.co.in, oporgchem@gmail.com
5	1	Phytochemical Investigation of <i>Feronia elephantum</i> Correa	Charu Singh	Research scholar Department of Chemistry DSB Campus Kumaun University Nainital- 263002 Mob: 9917150681 Email: singhcharuche@gmail.com, chitrapande1@yahoo.co.in

6	1	Variability of essential oils constituents of leaves, flowers and bark of <i>Caesalpinia decapetala</i> and their antimicrobial activity	Poonam Negi	Research Scholar Department of Chemistry HNB Garhwal University Srinagar Mob: 9412972046 Email: poo.chm20@gmail.com
7	1	Terpenoid composition of the essential oils from two species of <i>Teucrium</i> and its Chemosystematics	Lalit Mohan	JRF Department of Chemistry DSB Campus Kumaun University Nainital Mob: 9837708041 Email: lalit_mohan99@rediffmail.com
8	1	Chemical analysis and pharmacological significance of <i>Phoebe lanceolata</i> , Wall.	Deepak Kumar Semwal	Lecturer Department of Chemistry H.N.B. Garhwal University Srinagar-246174 Email: dr_dks.1983@yahoo.co.in Tel: 01346252229 Mob: 9412947995
9	1	Composition variation in essential oils of <i>Artemisia nilagirica</i> and <i>Artemisia capillaris</i>	Ruchi Badoni	JRF Department of Chemistry H.N.B. Garhwal University Srinagar-246174 Tel: 01346244177 Mob: 9410527097 Email: ruchi_badoni26@yahoo.com
10	1	Phytochemical Screening and Antimicrobial Evaluation of Essential Oil from <i>Anaphalis adnata</i> DC	Chandra Mohan S. Bisht	Research Scholar Department of Chemistry Kumaun University Nainital -263 002 Mob: 9719024054 Email: cm_bishtchem@yahoo.com
11	1	Hydroxypropylation of <i>Lantana</i> cellulose	Neetu Pandey	Sr. Lecturer Chemistry Drona's College of Management and Technology Subash road Dehradun Mob: 9410314963 Email: neetu_bhnt@yahoo.co.in

12	1	Isolation and charecterisation of phenolics from the roots of <i>Cotoneaster Acuminatus</i> and determination of their antimicrobial activity	Amita Sharma	Research Scholar Department of Chemistry H.N.B.Garhwal University Srinagar Mob: 9410563206 Tel: 01346-252229 Email: sati_2009@rediffmail .com
13	1	Optimization of procedure for dyeing of wool with floral extract of <i>tagetis erecta</i> - A source of eco-friendly natural dyes	M.D. Sati	Lecturer Department of Chemistry HNBGarhwal University Campus Badsahithaul Tehri Mob: 9411780834, 9758654772 Email: sati_2009@rediffmail.com
14	1	A LC/MS/MS assay for the determination of lumefantrine and its metabolite desbutyl-lumefantrine in plasma from patients infected with <i>Plasmodium falciparum</i> malaria	Prerana Sethi	Senior Research Fellow National Institute of Malaria Research Field Unit, Sector III, BHEL Hardwar Mob: 9456502477 Tel: 01334-233435 Email: sethip1@gmail.com
15	1	Chemical composition and antimicrobial activity of the volatile oil of the leaves of <i>Cymbopogon citratus</i> (Lemongrass)	Suman Lata Chhimwal	Research Scholar Oil Extraction Environmental & Disaster Management Lab. DAV (PG) College Dehradun Email: suman15dec@yahoo.co.in Mob: 9634270957
16	1	HPTLC analysis of cultured <i>Cordyceps Sinensis</i> for its bioactive constituents	Arvind Kumar	JRF Chemistry Division Forest Research Institute Dehra Dun Email: arvindtomer01@gmail.com, arvind_tomer01@yahoo.co.in, mschamoli@gmail.com Mob: 9758022399
17	1	Evaluation of <i>Acorus Calamus</i> intercropped with <i>Morus Alba</i> for its biomass yield, oil yield and β -Asarone content	V.K. Varshney	Research Scholar Chemistry Division Forest Research Institute Dehra Dun Mob: 9410555851 Email: varshneyvk@icfre.org, varshney2000@yahoo.com

18	1	Effect of different soil amendments on dissipation kinetics of lindane in mollisols	Gunjan Bhatia	Research Scholar Department of Chemistry CBSH G.B.Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9997917550 Email: gunjanbhatia07@gmail.com
19	1	Synthesis and characterization of Manganese Oxides and their interaction with Ribose Nucleotides	Brij Bhushan	Research Scholar Department of Chemistry Indian Institute of Technology Roorkee Roorkee Mob: 9997957714 Tel: 01332-286207 Email: brijbdcy@iitr.ernet.in, kamalfcy@iitr.ernet.in
20	1	Formation of various nucleobases from formamide in the presence of hematite: Probable implicaton in the chemical evolution and origin of life	Uma Shanker	Research Scholar Department of Chemistry Indian Institute of Technology Roorkee Roorkee Mob: 9456519808 Tel: 01332-286207 Email: umaspcy@iitr.ernet.in, kamalfcy@iitr.ernet.in
21	1	A novel and efficient camphor-based prolinamide organocatalyst for intermolecular direct aldol reaction	Rashmi Rani	SRF Department of Chemistry Indian Institute of Technology Roorkee Roorkee Mob: 9412629350 Tel: 01332-286234, 285438 Fax: 01332-273560 Email: roshidcy@iitr.ernet.in
22	1	Synthesis of 3-substituted indoles from indoles and α,β -unsaturated enones using Copper(II) chloride as catalyst	Jyoti Agarwal	JRF Department of Chemistry Indian Institute of Technology Roorkee Roorkee Mob: 9457649252 Tel: 01332-286234, 285438 Fax: 01332-273560 Email: jyotidcy@iitr.ernet.in
23	1	Diels-Alder reactions of halogenated masked <i>o</i> -benzoquinones: Synthesis of halogen-substituted bicyclo[2.2.2] octenones	Seshi Reddy Surasani	SRF Department of Chemistry Indian Institute of Technology Roorkee Roorkee Mob: 9917077841 Tel: 01332-286234, 285438 Fax: 01332-273560 Email: seshu.surasani@gmail.com

24	1	Degradation of Thiram in vegetables in field conditions	Manviri Rani	<p>Research Scholar Department of Chemistry Indian Institute of Technology Roorkee Roorkee</p> <p>Mob: 9358355038 Tel: 01332-286209, 284208 Email: manusdcy@iitr.ernet.in, bvgcyfycy@iitr.ernet.in</p>
25	1	Chemical speciation and bioavailability studies of some toxic trace elements (TTEs) in river sediments using operationally defined speciation method	Rahul Kumar	<p>Research Scholar Analytical Lab (A-214) Department of Chemistry Indian Institute of Technology Roorkee Roorkee</p> <p>Mob: 9411776212 Email: dhakadcy@iitr.ernet.in, dhaka.chem@gmail.com</p>
26	1	Chemosystematics of <i>Origanum vulgare</i> L.	Shalini Singh	<p>Research scholar Department of Chemistry DSB Campus Kumaun University Nainital- 263002</p> <p>Mob: 9917150681 Tel: 05942-235762 Email: singhcharuche@gmail.com</p>
27	2	Graft copolymerization of poly (vinyl alcohol) with acrylic acid & acrylamide using benzoyl peroxide	Ajay Singh	<p>Astt. Professor Engineering Chemistry Uttarakhand Institute of Technology Near Prem Nagar Dehradun</p> <p>Tel: 0135-2772135 Fax: 0135-2772231 Mob: 9412620022 Email: ajay21singh@yahoo.com</p>
28	2	Effect of Moisture Regime on Release of Pb and Zn in Long Term Contaminated Soils	Geeta Tewari	<p>Lecturer, Chemistry D.S.B.Campus Kumaon University Nainital</p> <p>Mob: 9412438823 Email: geeta_tewari@rediffmail.com, geeta_k@rediffmail.com</p>
29	2	Antimicrobial efficacy of essential oils and pure compounds isolated from <i>Senecio</i> and <i>Ageratum</i> species	Anuradha Negi	<p>Contract Researcher Department of Chemistry DSB Campus Kumaun University Nainital</p> <p>Mob: 9719 840281 Email: negi_anu@rediffmail.com</p>

30	2	Dihydrogen reduction of nitroaromatics, alkenes, alkynes, benzaldehyde and benzil by newly synthesized Rh(I) complexes in homogeneous phase	Priyanka Sagar	Lecturer Department of Chemistry SSJ Campus Kumaun University Alomora- 263601 Mob: 9411304294 Email: sagarpriyanka_2006@yahoo.co.in
31	2	Chemical composition of the Essential Oil from <i>Anaphalis royleana</i> DC var. <i>cana</i> Hook f.	Mohammad S. Javed	Lecturer Dept. of Chemistry Kumaun University S.S.J. Campus Almora Email: msuhail12003@yahoo.co.in Tel: 05962-235430 Mob: 9797992059
32	2	Screening of dye-yielding plants and effect of dyeing variables on wool fibre	Shanti Purohit Joshi	Women Scientist Society for Rural and Entrepreneurship Development Kothiyal Bhawan Near NCC, Subhashnagar Gopeshwar, Chamoli Mob: 9412441598 Email: joshi.shanti@rediffmail.com
33	2	Eco-refrigeration: Cylopentane Foam Blowing	R.K. Joshi	Lecturer Department of Chemistry Govt. P.G. College Gopeshwar- Chamoli Mob: 9412441598 Tel: 01372-253839 Email: joshi.shanti@rediffmail.com
34	2	Evaluation of some insecticidal agents from acacia pinnata and zanthoxylum armatum	Satish Chandra Sati	Lecturer Department of Chemistry H.N.B.Garhwal University Srinagar Mob: 9411780834 Tel: 01346-252229 Email: sati_2009@rediffmail.com
35	2	Chemical composition and analgesic activity of essential oil from <i>Senecio rufinervis</i> D.C	Devendra Mishra	Department of Applied Chemistry Birla Institute of Applied Sciences Bhimtal Nainital Email: mishra.d123@gmail.com

36	2	Oxidation stability of methyl esters	Bhawna Yadav Lamba	Assistant Professor University of Petroleum & Energy Studies Energy Acre Bidholi Dehradun Mob: 9760045355, 9897904999 Email: byadav@ddn.upes.ac.in
37	2	Fatty acid analysis from leaves of <i>Premna latifolia</i> with GC-MS and its biological activity	Ashok Kumar	SRF UCOST Department of Chemistry PO Box No 75 HNB Garhwal University Srinagar- 246174 Mob: 9451412055 Email: devendra_negi@yahoo.com, akgaut_biochem@rediffmail.com
38	2	A study of water quality parameters of potable water of Uttarakhand	Prashant Singh	Reader Department of Chemistry D.A.V. (PG) College Dehradun Mob: 9927086632 Telefax: 0135-2780382 Email: prashantraj86@yahoo.com
39	2	Chemical recycling of waste compact disc towards polyfunctional compounds utilizing as polyester and polyurethane monomer	Deepak Pant	Assistant Professor Department of Chemistry Urban waste management Laboratory Dolphin (P.G.) Institute of Biomedical and Natural Science Manduwala, Chakarata Road Dehradun 248 007 Mob: 9412609032 Email: deepakpant1@rediffmail.com
40	3	Catalytic application of iridium nanoclusters in the oxidation of some α -amino acids by hexacyanoferrate(III)	Anjali Goel	Reader Department of Chemistry Kanya Gurukul Mahavidyalaya Gurukul Kangri University Roorkee Road, Jwalapur Haridwar -249407 Tel: 01334-252290, 213522 Email: goelanjali@yahoo.com

41	3	Importance and isolation of active principles from herbs	I.P. Pandey	<p>Sr. Reader Oil Extraction Environmental & Disaster Management Lab. DAV (PG) College Dehradun</p> <p>Email: ippande@gmail.com Mob: 9412936262 Tel: 0135-2743208 Fax: 0135-2640264</p>
42	3	Cytotoxic and Antifeedant Activity of constituents isolated from <i>Callicarpa macrophylla</i> (Vahl)	Devendra S Negi	<p>Department of Chemistry PO Box No 75 HNB Garhwal University Srinagar- 246174</p> <p>Email: devendra_negi@yahoo.com</p>
43	3	Isolation of 2-Methyl-Pyran-3O-β-Glycoside from the tubers of <i>Stephania glabra</i>	M.C. Purohit	<p>S. Lecturer Department of Chemistry HNB Garhwal University Pauri Campus Pauri</p> <p>Mob: 9410925970, 9412967519 Tel: 01368-222275 Email: mcpurohit@123gmail.com</p>

Chemistry -- POSTER

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Synthesis, characterization and <i>in vitro</i> antibacterial studies of Piperazine derivatives	K.K. Singh	Department of Chemistry D.S.B. Campus Kumaun University Nainital- 263002 Tel: 05942-236943 Mob: 09410295750 Email: kksinghkk@rediffmail.com
2	1	Synthesis, characterization and electrochemical behaviour of Cadmium Hexacyanoferrate nanocubes	Prakash Chandra	Research Scholar Department of Chemistry Government (PG) College Narayan Nagar-262 550 Pithoragarh O: 05964-234107 F: 05964-234107 M: 9410311412 Email: p_chem2009@rediffmail.com
3	1	Antioxidant activity of Phenolic diterpenoids from <i>Nepeta clarkei</i> Hook.f.	D.S. Bisht	Department of Chemistry D.S.B. Campus Kumaun University Nainital Email: dsb2_bisht@rediffmail.com
4	1	Determination of Trace Elements Contents in <i>Asparagus curillus</i> (Buch. -Ham.)	Jagmohan S. Negi	Department of Chemistry HNB Garhwal University Srinagar-246 174 Mob: 9997239903 Email: negi_js1981@yahoo.co.in
5	1	Steam volatile constituents of the essential oil from <i>Salvia Mukerjeei</i> Bennet & Raizad.	Charu Pant	Research Scholar Department of Chemistry Kumaun University Nainital Mob: 9997216611 Email: melkaniab@rediffmail.com; anandbmelkani@sancharnet.in
6	1	Synthesis and Characterization of Novel Formylpyrazolines	Pramod Singh	JRF Department of Chemistry HNB Garhwal University Srinagar- 246174 Email: negi_pramod04@rediffmail.com, pramodsinghnegi1983@gmail.com Mob: 9411387452 Tel: 01346252229

7	1	Volatile constituents of three invasive alien weeds of Himalayan region	Rajendra C. Padalia	Scientist C Central Institute of Medicinal and Aromatic Plants (CIMAP) PO: Dairy Farm Nagla Pantnagar- 263149 Tel: 05944-234445 Mob: 9412905898/ 9720455201 Email: padaliarc@rediffmail.com, rc.padalia@cimap.res.in
8	1	Hydrothermal synthesis of amino acids from carbon di-oxide, nitrogen and water vapour under simulated martian conditions	Namrata Pandey	Research Scholar Chemistry Department DSB Campus Kumaun University Nainital Mob: 9411304914, 9719019925 Tel: 05942-232517 Email: nee212@rediffmail.com
9	1	Anti-protozoal activity of some plants from to Garhwal region of North West Himalaya	Gaurav Verma	Research Scholar National Institute of Malaria Research Field Unit, Sector III, BHEL Hardwar Mob: 9259144613 Tel: 01334-233435 Email: gaurav.v.9@gmail.com
10	1	Physico-chemical characterization of airborne suspended particulate matters (SPMs) in roadside atmosphere of Dehradun city (Uttarakhand)	Vinesh Kumar	Research Scholar D.A.V. (P.G.) College Dehradun Mob: 9411406503, 9410191841 Email: vinchem07@yahoo.com
11	1	Antibacterial activity of some essential oils against some pathogenic bacteria	Jugendra Pal	Department of Animal Nutrition College of Veterinary and Animal Sciences G.B., Pant University of Agriculture and Technology Pantnagar Email: jugendra71@yahoo.com
12	1	Oxazolones: Synthesis and their effect on Post-harvest retention of the red colour of litchi fruit pericarp	Nidhi Gangwar	Ph.D. student Department of Chemistry G.B. Pant University of Agriculture & Technology Pant Nagar Mob: 9548152192 Email: gangwar.nidhi@gmail.com
13	1	Kinetics and mechanism of oxidation of L-Phenylalanine by Hexacyanoferrate(III) catalysed by Ir(III) in aqueous alkaline medium	Shivani Sharma	Researcher Department of Chemistry Kanya Gurukul Mahavidyalaya Gurukul Kangri University Haridwar Email: shivani.1013@rediffmail.com, goelanjali@yahoo.com

14	1	A study of Phytochemistry of <i>Girardinia heterophylla</i> (<i>Dans Kandali</i>) of Uttarakhand	Nisha Tripathi	Department of Chemistry M.K.P. (P.G.) College Dehradun Email: prashantraj86@yahoo.com
15	1	Development of new TLC method for detection of ACE inhibitor drug (fosinopril)	Amrita Sharma	Research Assistant Department of Chemistry K.L.D.A.V. (PG) College Roorkee-247667 Mob: 9411161508 Tel: 01334-240554 Email: shajoshi@yahoo.com
16	1	Role of double metal cyanides in chemical evolution: Interaction of cadmium octacyanomolybdate with ribose nucleotides	Anand Kumar	SRF Department of Chemistry Indian Institute of Technology Roorkee Roorkee Mob: 9997631101 Tel: 0135-2654205 Email: anandkc17@gmail.com, kamalfcy@iitr.ernet.in
17	1	Seasonal variation in foliar protein contents of Mulberry intercropped with seven medicinal plants	Madhusudan Chamoli	JRF Regional Sericultural Research Station Central Silk Board, Sahaspur Dehradun- 248197 Mob: 9410555851 Tel: 0135-2697582, 2110072 Email: mschamoli@rediffmail.com
18	2	Effect of metallic impurities of single walled carbon nanotubes on electrocatalysis during simultaneous voltammetric determination of dopamine and adenosine	Sudhanshu P. Singh	Research Associate C/O Prof. R.N. Goyal Department of Chemistry IIT Roorkee Roorkee - 247667 Off: 01332-286528 Mob: 9997182264 Email: anshubol@rediffmail.com
19	2	Preliminary investigation on antioxidant phytochemical in some medicinal plants of Kumaon region	Kalpana Moulekhi	Assistant Teacher Department of Chemistry Kumaun University DSB Campus Nainital Mob: 9639832302 Email: kundanprasad10@sify.com

20	2	Chemical composition of the essential oil of <i>Pavetta indica</i> Linn from Kumaon Himalaya	K. Prasad	Research Scholar Department of Chemistry Kumaun University DSB Campus Nainital Tel: 05964-235301 Mob: 9411796129 Email: kundanprasad10@sify.com
21	2	Essential oil composition of <i>Acorus Calamus</i> L.	Ameeta Tiwari	Scientist B Forest Research Range Kalika PO- Kalika Ranikhet-263645 (Almora) Email: tiwari.ameeta@gmail.com Tel: 05966-221658 Mob: 9410733200/ 9412086708
22	2	Oxidation of solvent free Benzyl Alcohol with H ₂ O ₂ catalysed by Traazamacrocycle complex of Copper(II) encapsulated in Zeolite-Y	Vipin Kumar Bansal	Research Scholar Department of Chemistry Indian Institute of Technology Roorkee Roorkee 247667 Mob: 9219278027 Email: vipiniitr@gmail.com
23	2	4- <i>tert</i> -butylcalix[4]arene as nickel-selective ionophore in PVC based membrane electrodes	Rakesh Singh	Department of Chemistry DBS (PG) College Dehradun Email: prashantraj86@yahoo.com
24	2	Synthesis of Chiral drugs and drug intermediates	Bhavtosh Sharma	Department of Chemistry DBS (PG) College Dehradun Email: prashantraj86@yahoo.com
25	3	Antioxidant study of essential oils of Curry Patta , <i>Chakotra</i> & <i>Lemon</i>	Vinod Kumar Joshi	Astt.Lecturer Chemistry Deptt Uttaranchal Institute of Tech. (UIT) Dehradun Tel: 0135-2772135 Mob: 9719536808 Email- arvjoshi143@gmail.com
26	3	Ultrasonic study of molecular interactions in Dioxane+ Cyclohexanol binary mixture at various temperatures	Deepali Singhal	Lecturer Chemistry Department SGRR (PG) College Pathari Bag Dehradun Tel/Fax: 0135-2624881 Mob: 9411511573 Email: rkjdtpr@yahoo.co.in, chemistrysgrr@gmail.com

27	1	Chemical constituents of seeds of <i>Trichosanthis tricuspidata</i>	Rakesh Raturi	Research Scholar Department of Chemistry H.N.B. Garhwal University Campus Pauri Tel: 01378220747 Mob: 9411390853 Email: raaakesh hh@gmail.com
28	1	Flavonol Tri-O-Glycosides from the leaves of <i>Olea Glandulifera</i> Wall.	Preeti Majgaine	Research Scholar Department of Chemistry Kumaun University S.S.J. Campus Almora Mob: 9411526518, 9359820180 Email: npreeti_222@rediffmail.com, preetimajgai@gmail.com
29	1	Bioethanol - As a source of clean energy	Gyanesh Joshi	Research Assistant-I Cellulose and Paper Division Forest Research Institute Dehradun Email: gyaneshjoshi14@gmail.com
30	1	A Cd (II) - selective potentiometric sensor based on 4- <i>tert</i> -butylcalix[6]arene in PVC matrix	Bhavana Sethi	Research Scholar M.K.P. (PG) College Dehradun Mob: 9319243548 Tel: 01332-266337 Email: Email: bsethi.30@gmail.com, prashantraj86@yahoo.com
31	1	Antibacterial activity and minimum inhibitory concentration (MIC) of <i>Prunus cerasoides</i> leaves extract	Naveen Kumar	Research Scholar Department of Chemistry HNB Garhwal University Campus Badshahithaul Tehri-249199 Mob: 9410781033 Email: n.naveen699@rediffmail.com
32	1	Activation of silicate materials usable for the Degradation of Waste Polyolefin	Pooja Singh	Research Student Urban waste management Laboratory Dolphin (P.G.) Institute of Biomedical and Natural Science Manduwala, Chakarata Road Dehradun Mob: 9412657031 Email: dpant2003@yahoo.com, dpant2003@yahoo.com

33	1	A study of wastewater treatment in Haldwani	Kiran Bisht	<p>Student Amrapali Institute of technology and Sciences Shiksha Nagar, Lamachaur Haldwani, Nainital</p> <p>Off: 05946234677 Mob: 9719523758 Email- kiranbisht16@gmail.com</p>
34	2	Experimintal study of some physiochemical factors determining emulsion stability	Navneet Rai	<p>Research Scholar Oil Extraction Environmental & Disaster Management Lab. DAV (PG) College Dehradun</p> <p>Email: nrain@gmail.com, ippande@gmail.com Mob: 9410190342</p>
35	3	Controlling the nano size of silica powder through surfactants	L.P. Singh	<p>Scientist C Materials Evaluation Laboratory Central Building Research Institute Roorkee</p> <p>Tel: 01332-283442, 272803 Fax: 01332-272272 Mob: 9837031050 Email: singh_cbri@yahoo.co.in</p>

4th Uttarakhand State Science & Technology Congress -- 10-12th November, 2009 -- at GBPUAT, Pantnagar

Earth Sciences including Geology, Geomorphology, Geophysics & Glaciology -- ORAL

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Study of landslide hazard zonation around Lakhwar hydropower project Dehradun	S.P. Bhatt	Research Scholar DBS College Dehradun Email: surajbhatt27@yahoo.com Mob: 9410103385
2	1	Qualitative characterization of spring water resources of Doon valley for irrigation	Divya Dudeja	Research Scholar Department of Geology DBS College Dehradun Email: divyadudeja@yahoo.com Mob: 9410129740
3	3	Mineralogical approach for sustainable management of Mussoorie Forest Division, Garhwal Himalaya	A.K. Raina	Scientist E Forest Soil and Land Reclamation Division Forest Research Institute PO- New Forest Dehradun - 248006 Tel: 2224404 Fax: 0135-2756865 Mob: 9410320517 Email: rainaak@icfre.org
4	3	GIS based spatial prediction of landslide potential zones in parts of Darjeeling Himalaya using certainty factor approach	DP Kanungo	Scientist E1 Geotechnical Engineering Division Central Building Research Institute Roorkee Mob: 9412073009 Tel: 01332-283418 Email: debi.kanungo@gmail.com
5	3	A study of seismicity and earthquake hazard of Dehradun region, Uttarakhand – A Probabilistic approach	Abha Mittal	Scientist F GE Division Central Building Research Institute Roorkee Mob: 9997621711 Tel: 01332 283249 Fax: 01332 272272,283510 Email: abham2003@yahoo.com

Earth Sciences including Geology, Geomorphology, Geophysics & Glaciology -- POSTER

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Drainage morphometry of Kaphni gad Basin	Tripti Jayal	Research Scholar Department of Geography HNB Garhwal University Srinagar Mob: 9336290402 Email: spardha.vjt77@gmail.com
2	3	Harvesting of structurally controlled natural springs in district Chamoli , Uttarakhand	D. C. Nainwal	Reader Department of Geology Govt. P.G. College Gopeshwar - 246401 Chamoli Tel: 01372 – 252145 Fax : 01372 -253839 Mob: 9411127888 Email: dc_nainwal@yahoo.co.in
3	1	Identification of non-erodible banks at sangam using remote sensing and GIS techniques	Shakti Suryavanshi	Research Scholar Department of Water Resource development and Management IIT-Roorkee, Roorkee Haridwar 247667 Mob: 9452076951 Email: saktidwt@iitr.ernet.in
4	1	Morphometric evaluation of sample drainage basin of Pindar river (Higher and Central Himalaya of Uttarakhand)	Vikram Sharma	Research Scholar Department of Geography HNB Garhwal University Srinagar Mob: 9411312499 Email: vkdsdsharma@gmail.com
5	3	Some observations on the quaternary sediments along Bhagirathi around Maneri- Bhatwari area distt. Uttarkashi Garhwal Himalaya Uttarakhand	N.P.Naithani	Department of Geology H.N.B. Garhwal University Campus Badshahi Thaul-249199 (UK) Email: naithaninp60@rediffmail.com

4th Uttarakhand State Science & Technology Congress -- 10-12th November, 2009 -- at GBPUAT, Pantnagar

Engineering Science and Technology -- ORAL

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Biogass power plant	Sunil Vidyarthi	Lecturer Amrapali Institute of technology and Sciences Shiksha Nagar, Lamachaur Haldwani, Nainital Off: 05946238201 Mob: 9997814211 Email- suni_vid@yahoo.co.in
2	1	Strong ground motion parameters of Chamoli earthquake of March 29, 1999	Hemant Shrivastava	Student (M.Tech) Department of Earthquake Engineering Indian Institute of Technology Roorkee Roorkee-247667 Email: scgeqfeq@iitr.ernet.in
3	1	Kinetic study on removal of Catechol and Resorcinol by Granular activated Carbon	S. Suresh	Research Scholar Department of Chemical Engineering Indian Institute of Technology Roorkee Roorkee - 247667 Tel: 01332-286637 Fax: 01332-276535 Email: sureshpecchem@gmail.com, vimalcsr@yahoo.co.in, schemdch@iitr.ernet.in
4	1	Rating based performance evaluation of low volume hill roads	Ankit Gupta	Research Scholar Transportation Engineering Group Department of Civil Engineering Indian Institute of Technology Roorkee Roorkee- 247667 Mob: 9456332172 Email: ankitdce@iitr.ernet.in
5	1	Zero knowledge proof	Shruti Pant	Student B.tech-1st year Amrapali Institute Shiksha Nagar Lamachaur Haldwani - Nainital Mob: 9456142944 Mob: 05946-250201 Email shruti.pant18@gmail.com

6	1	Effect of foundation soil on structural economics of earthquake resistant design of rc buildings	Nitesh Ahir	Ph. D Scholar Department of Earthquake Engineering Indian Institute of Technology Roorkee Roorkee Mob: 9760441498 Email: nitesh.ahir@gmail.com
7	1	Wear Debris Analysis - A meaningful condition monitoring technique for industrial drive	Harshit Kumar	Student College of Mechanical Engineering College of Technology G.B. Pant University of Agriculture and Technology Pantnagar Mob: 9457447170, 9457063027 Email: harshit_grwl@yahoo.co.in
8	1	Wind effects on low-rise (Gable) building	Nikhil Agrawal	Research Scholar Department of Civil Engineering Indian Institute of Technology Roorkee Roorkee- 247667 Mob: 9917004195 Email: nikky1827@gmail.com
9	1	Fault diagnosis in extra high voltage transmission lines using Artificial Neural Networks	Anubhav Agrawal	Student G.B. Pant Engineering College Ghurdauri Pauri Mob: 9997770108 Tel: 05944-233774 Email: anubhavagrwal1112@gmail.com
10	1	Effect of electromagnetic radiation on human life and surroundings	Rakhi Bhardwaj	Lecturer College of Engineering Roorkee Post Box No-27 Roorkee-247667 Mob: 9927840955 Tel: 0131-2604655 Email: rakhibhardwaj25@gmail.com
11	2	Mapping DSP applications written in MATLAB onto FPGA	Parul Goyal	Asst. Professor Department of Electronics & Communication Engineering Dehradun Institute of Technology Dehradun Mob: 9837301391 Email: parulgoyal2007@yahoo.com

12	2	Modelling of binary adsorption of Aniline and Phenol onto granular activated carbon	V. C. Srivastava	Lecturer Department of Chemical Engineering Indian Institute of Technology Roorkee Roorkee - 247667 Tel: 01332-285889 Fax: 01332-276535, 273560 Email: vimalcsr@yahoo.co.in, vimalfch@iitr.ernet.in
13	2	Equilibrium isotherm modeling for dairy wastewater treatment by activated carbon	Jai Prakash Kushwaha	Research Scholar Department of Chemical Engineering Indian Institute of Technology Roorkee Roorkee - 247667 Tel: 01332-285889 Fax: 01332-276535, 273560 Email: vimalcsr@yahoo.co.in, vimalfch@iitr.ernet.in
14	2	Pedestrian and cycling as constituent modes for multi modal transport system	Pawan Kumar	Ph.D. Research Scholar Centre for Transportation Systems (CTRANS) IIT Roorkee Roorkee Email: pkumar612@yahoo.co.in
15	2	Modelling and optimization of small scale gasifier for rural use	G. Sanjay Kumar	Assistant Professor University of Petroleum and Energy Studies "Energy Acres" P. O. Bidholi, Via Prem Nagar Dehradun – 248 007 Tel: 0135 – 2261090, 91 Fax: 0135 – 269 4204 Mob: 97600 92522 Email: gsanjay@ddn.upes.ac.in, gudasana@gmail.com
16	2	Analysis of rigid pavement carrying moving load using infinite elements	V. A. Patil	Research Scholar Department of Civil Engineering, Indian Institute of Technology Roorkee, Roorkee 247667 Mob: 9258033036 Email: vikrampatil70@gmail.com
17	2	Design details and construction methodology of soil nail wall– A case study	Meenal Gosavi	Asstt. Professor Department of Civil Engineering College of Technology G.B. Pant University of Agriculture and Technology Pantnagar-263145 Email: meenalgulati@gmail.com Fax: 05944 -233473 Mob: 9219632686

18	3	Acoustical properties of sisal fiber composites	R.K.Srivastava	<p>Scientist F EB Division Central Building Research Institute Roorkee- 247667</p> <p>Email: rksri71@rediffmail.com Tel: 01332-283221 Fax: 01332-272272 Mob: 9897606656</p>
19	3	Analysis of pile subjected to lateral load using semi-analytical finite element method	V. A. Sawant	<p>Assistant Professor Department of Civil Engineering Indian Institute of Technology Roorkee Roorkee-247667</p> <p>Mob: 9259253840 Tel: Phone : 01332-285892 Email: sawntfce@iitr.ernet.in</p>
20	3	Natural disasters of Uttarakhand – A review	Jyothi Prasad	<p>Associate Professor Dept of Civil Engineering College of Technology G B Pant University of Agriculture & Technology Pantnagar-263145</p> <p>Email: prasad_jyothi@lycos.com, jptce@gbpuat-tech.ac.in Tel: 05944233 491/ 05944-233731 Fax: 05944-233 338 / 233 473 Mob: 9410119571</p>

Engineering Science and Technology -- POSTER

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Convergence effects on network performance and growth rate	Saurabh Kumar	Lecturer Department of computer science & engineering Uttaranchal Institute of Technology Dehradun Email : sk_ahalawat@rediffmail.com Mob: 9997414005
2	2	Pollution free technology development for rural hilly areas of Uttarakhand	Davendra Kumar Chauhan	Asst. Professor J B Institute of Technology NH-72, Village Shankerpur Chakrata Road Dehradun Email: er.dkc@rediffmail.com
3	2	Neat jatropha oil as a diesel engine fuel for rural area- A case study	Pradeepta Kumar Sahoo	Assistant Professor University of Petroleum & Energy Studies Energy Acre Bidholi Dehradun Email: pksahooitd@yahoo.com Mob: 9997110710 Fax: 0135-2694204 Tel: 0135-2694259
4	1	Design and simulation of PIC 18F452 based analog and digital frequency meter	Praveen Kumar	Lecturer Dehradun Institute of Technology Dehradun Mob: 9258314555 Email: anilkumar_4u@rediffmail.com
5	1	Role of composite materials in infrastructure development in the State of Uttarakhand	Pawan Kumar Rakesh	Research Scholar Department of Mechanical and Industrial Engg. Indian Institute of Technology, Roorkee Roorkee - 247667 Mobile No. 9917537940 Email: pkr09dme@iitr.ernet.in, pawankumarrakesh@gmail.com

6	1	Challenges for building industry in next decade: use of industrial by-products as building materials	Bharat Kumar Agarwal	Student Deptt of Civil Engg College of Technology G.B. Pant University of Agriculture and Technology Pantnagar Tel: 01332-273642 Mob: 9456332233 Email: bharatrke1990@yahoo.co.in, atulcbri@rediffmail.com
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4th Uttarakhand State Science & Technology Congress -- 10-12th November, 2009 -- at GBPUAT, Pantnagar

Environmental Science & Forestry -- ORAL

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Seasonal abundance of Sal defoliator, <i>Ascotis imparata</i> walker (Lepidoptera: geometridae) in natural forest of Sal	K.P.Singh	Scientist-B Division of Forest Entomology Forest Research Institute Dehradun Email- singhkp@icfre.org
2	1	Treatment of arsenic-polluted water through nanofiltration	Nanda Nautiyal	Department of Environmental Sciences College of Basic Sciences & Humanities GB Pant University of Agriculture & Technology Pantnagar- 263145 Tel: 05944-233321 Fax: 05944-233473, 233500 Mob: 9410312538 Email: nautynan@gmail.com
3	1	Nanoparticles aided contaminated water remediation	Ashutosh Agarwal	Senior Lecturer Department of Hydrology Indian Institute of Technology Roorkee Roorkee 247667 Mob: 9719339594 Email: wheland@rediffmail.com, meyoumeyoume@gmail.com
4	1	Potentials of community-based eco-tourism at Jhilmil Jheel conservation reserve, Uttarakhand	Bipin kumar	Ph. D Scholar Department of Environmental Science College of Basic Sciences & Humanities GB Pant University of Agriculture & Technology Pantnagar-263145 Email: envbipinkumar@gmail.com
5	1	Long term land use/land cover change analysis and conservation prioritization using remote sensing & GIS techniques	Rakesh Kumar	Student Forest Research Institute University Dehradun Email: rakesh.friu@gmail.com Mob: 9319365480

6	1	Evaluation of chlorpyrifos and Neem oil as wood fumigant: A comparison of synthetic vs eco-friendly fumigant	Himani Pant	<p>Research Scholar Wood Preservation Discipline Forest Products Division Forest Research Institute PO- New Forest Dehradun</p> <p>Email: pant.himani@yahoo.co.in, tripathis@icfre.org Mob: 9411348820 Tel: 0135-2757021-4445 Fax: 0135-2756865</p>
7	1	EIA of Doon valley	Kanchan Deoli Bahukhandi	<p>Lecturer University of Petroleum & Energy Studies Energy Acre Bidholi Dehradun</p> <p>Mob: 9897274631 Tel: 0135-6454872, 2261090 Fax: 0135-2694904 Email: kanchan@ddn.upes.ac.in</p>
8	1	Structure and composition of woody vegetation along the altitudinal and human use gradient in the Kedarnath WS, Western Himalaya	Gajendra Singh	<p>Research Fellow Department of Habitat Ecology Wildlife Institute of India Post Box# 18 Chandrabani Dehradun</p> <p>Mob: 9412160152 Tel: 0135-2640111-115. Ext. 222 Email: gajendrawat@yahoo.com</p>
9	1	Impact of macrophyte biomass on the hydrology of Asan wetland in Doon valley	Neha Datta	<p>Lecturer (KGM PG College, Dehradun) Department of Zoology D.B.S.(P.G.) College Dehradun</p> <p>Mob: 9319890587 Tel: 0135-2748548, 2104811 Email: neha_hrd2004@yahoo.co.in, jauharirk@hotmail.com</p>
10	1	Screening of different fungi for bioremediation of tannery effluent	Jyoti Bisht	<p>FA Plant Physiology Division Botany Division Forest Research Institute Dehra Dun</p> <p>Mob: 9411542387 Tel: 0135-2752672 Email: biotech.jo@gmail.com</p>

11	1	Bioaccumulation and translocation efficiency of heavy metals in vegetables grown on long-term wastewater irrigated soil	Chakresh Pathak	Research Fellow Department of Zoology & Environmental Science Gurukul Kangri University Hardwar Mob: 9837532290 Tel: 01334-249091 Email: chakreshpathak@yahoo.co.in
12	1	Preliminary study of electrolytic process for removal of BOD and COD from secondarily treated sewage wastewater	A.K. Sharma	Research Scholar Department of Zoology and Environmental Science Gurukul Kangri University Hardwar Mob: 9759723741 Tel: 01334-249091 Email: arun.env@rediffmail.com
13	1	Distribution of <i>Cordyceps sinensis</i> in the Indo-Tibet border hills of Kumaun	P.R.S. Koranga	SRF Medicinal Mushroom Division Defence Institute of Biop Energy Research Haldwani Mob: 9456509428 Tel: 05964-223386 Fax: 05964-225564 Email: prithvi_kor9@yahoo.co.in
14	1	Study of wood- Borne indoor air pollution in hilly and tarai region of Uttarakhand	Manisha Joshi	Research Scholar Department of Environmental Sciences College of Basic Sciences & Humanities GB Pant University of Agriculture & Technology Pantnagar– 263145 Mob: 9410349850 Email: manisha.joshi1313@gmail.com
15	1	Modeling the safe harvest limits and regeneration rate of <i>Desmodim gangeticum</i> L (DC.) and <i>Boerrahavia diffusa</i> Linn. in Sal forests of Doon valley, Uttarakhand, India	Neeta Gera	JRF Non-Wood Forest Products Division Forest Research Institute Dehradun Mob: 9410786898 Tel: 0135-2224496 Email: neeta.fri@gmail.com
16	2	Germination ecophysiology of Himalayan hornbeam (<i>Carpinus viminea</i>)	Manisha Thapliyal	Scientist Forest Tree Seed Laboratory Silviculture division Forest Research Institute Dehra Dun Email: thapliyalm@icfre.org Tel: 0135-2224467

17	2	<i>Capinus Viminea</i> : An important component of Oak forests, struggling for its existence in Western Himalaya	Deepti Verma	Research Scholar Forest Ecology and Environment Division Forest Research Institute PO- New Forest Dehradun Email: deepti.carpinus@gmail.com Mob: 9411339838
18	2	Livelihood support of Jageshwar Village Forest, Kumaon, Uttarakhand with reference to Biodiversity Management	Arti Kala	Research Scholar Forest Research Institute Dehradun Mob: 9837717918 Tel: 0135-2757673 Fax: 0135-27656865 Email: toartikala@gmail.com
19	3	Soil organic carbon pool under Sal forests of Uttarakhand	M.K. Gupta	Scientist D Forest Soil and Land Reclamation Division Forest Research Institute PO- New Forest Dehradun - 248006 Tel: 0135-2224470 Fax: 0135-2756865 Mob: 9412047973 Email: guptamk@icfre.org
20	3	Ecosystem oriented approach for management of fisheries in river Ganga and Nayar in Utrtrakhand	Sudhir Kumar	Scientist E Environmental Impact Assessment Division Indian Council of Forestry Research and Education, P.O. New Forest Dehradun Mob: 9412319560 Tel: 0135-2751859, 2224815 Fax: 0135-2753882 Email: sudhir@icfre.org , vjeeva@icfre.org
21	1	Toxic plants of Uttarakhand	K. Kannan	M.V.Sc Scholar Department of Veterinary Pharmacology & Toxicology College of Veterinary and Animal Sciences G.B. Pant University of Agriculture and Technology Pantnagar-263145 Tel: 05944233069 Fax: 05944-233473 Mob: 9760824740 Email: dr.kannan09@gmail.com

Environmental Science & Forestry -- POSTER

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Micro algae : Vital source of Bio-diesel	Anurag Singh	SGRR (PG) College Dehradun Mob: 9634 321659 Email: anurag.renaissance@gmail.com
2	1	Biomedical Waste Management	Bhanu Kothari	MSc Student Forest Research Institute Dehra Dun Mob: 9410703673 Tel: 0135-2752674 Email: bhanukothari@yahoo.com, sohni.sinha@gmail.com
3	1	Emergency preparedness and response plan for the forest ecology and environment division based on ISO 14001	Ritu Paban Borah	MSc Student Forest Research Institute Dehra Dun Mob: 9456505495 Email: ritupabanborah@gmail.com
4	1	Maturation effects of <i>Jatropha Curcas</i> fruits on its oil yield and germination	Bhumika Chauhan	Senior Research Fellow Silviculture Division Forest Research Institute Dehradun Email: bhumidun@gmail.com, bhumidun@rediffmail.com Mob: 9411361321
5	1	Defluoridation of water using inexpensive bagasse flyash as an adsorbent	Preetika shukla	Research Scholar Department of Zoology & Environmental Science Gurukul Kangri University Hardwar Mob: 9997069416 Email: preetikanih_shukla@yahoo.com
6	1	Urbanization and its environmental impacts on Dehradun city	Neelam Singh Maurya	Research Scholar Department of Geography D.A.V (PG) College Dehradun Mob: 9410710609 Tel: 0135-2101039 Email: neelam.maurya21@gmail.com
7	1	Effect of sugar factory effluent on seed germination and seedling growth of cicer arietinum L. and trigonella foenum-graecum	Amit Kumar	Tech Words School of Professional Studies Manglure Roorkee, Haridwar Email: amit_bio80@yahoo.com

8	1	An Environmental Problems & Prospects : A Case study in Doon Valley	Vishal Sharma	Student (2nd year) Baba Farid Institute of Technology Dehradun Mob: 9411394005 Email: vishal_sharma824@yahoo.com
9	1	Regional environmental and hydro-geological studies around lignite mines, Rajasthan	Kumkum Mishra	Junior Research Fellow National Institute of Hydrology (NIH) Roorkee Mob: 9760432282 Tel: 01334-231899 Email: mishra.nih@gmail.com, mishra_nih@yahoo.com
10	1	Organochlorine Residues in human blood from Assam India	Sandeep Kumar	Research Scholar National Institute of Malaria Research Field Unit Hardwar SEC- III, BHEL Hardwar - 249403 Mob: 9837873300 Tel: 01334-233435 Email: sandeepnih_kumar@yahoo.com
11	1	Water quality assessment of Asan river catchment (Spatial variation of water quality)	Mohini Singh	Research Scholar University of Petroleum & Energy Studies Energy Acre Bidholi Dehradun Mob: 9458148200 Email: msingh@ddn.upes.ac.in, mohini@@ddn.upes.ac.in
12	1	Stream pollution by the pulp and paper mill effluents along distance in the tarai area of Uttarakhand	Akanksha Rastogi	Ph.D. Student Department of Environmental Science College of Basic Sciences & Humanities GB Pant University of Agriculture & Technology Pantnagar-263145 Mob: 9760409554 Tel: 05944-233321 Fax: 05944-233473 Email: drvirsingh@rediffmail.com
13	1	Composting of bagasse by an indigenous method	Kavita Tariyal	Research Scholar Department of Environmental Science College of Basic Sciences & Humanities GB Pant University of Agriculture & Technology Pantnagar-263145 Mob: 9410317260 Tel: 05944-233321, 0135-2530317 Fax: 05944--233473 Email: kavitatariyal@yahoo.co.in

14	1	Effect of varying fertility levels on soil properties and yield of wheat under different tree species and spacing in tarai region of Uttarakhand	S. Somanath	Student Agroforestry Research Centre, Haldi G.B.Pant University of Agriculture and Technology Pantagar-263 145 Tel/Fax: 05944-234631 Mob: 9997156783 Email: samforester@rediffmail.com, saliltewari@yahoo.com
15	1	Optimization of distillery effluent dose for sugarcane irrigation	J.S. Chauhan	Teaching Assistant Department of Environmental Sciences G.B. Pant University of Agriculture & Technology Pantnagar-263 145 Mob: 9410168529 Fax: 05944-233473 Email: jaspal.env@gmail.com
16	1	Assessment of Rotatory biological contactor (RBC) for pollutant removal from effluent of Dabur India Limited	Bhumija Kaphaliya	Department of Environmental Sciences G.B. Pant University of Agriculture & Technology Pantnagar-263 145 Email: bhunikafalia@gmail.com
17	1	Variation in terrestrial solar ultraviolet-B radiation at Garhwal Himalayan region	Priyanka Kumari	Research Scholar Department of Zoology D.A.V.(P.G.) College Dehradun Mob: 9456316399 Email: sunilkumarddn@yahoo.co.in, priyankachoudhary91@yahoo.co.in
18	1	Urban landuse analysis of Dehradun city	Visheshta Sharma	Research Scholar Department of Geography D.B.S. (PG) College Dehradun Mob: 9897195215 Tel: 0135-2773665 Email: sharmavisheshta@yahoo.com
19	1	Ethnobotanical studies with special reference to plant phenology at Peer Panchal hills (district Pulwama) J&K	Rayees Afzal Mir	Research Scholar Plant Physiology Division Botany Division Forest Research Institute Dehra Dun Mob: 9917218584 Tel: 0135-2224480 Email: john_mir007@yahoo.com

20	1	Optimization of Black Liquor Application in Soil	Parul Sundha	Ph.D Scholar Deptt. Of Environmental Science G.B. Pant University of Agriculture & Technology Pant Nagar Mob: 9410820209 Tel: 05944 -233321 Email: parul34046@gmail.com
21	2	Eradication of <i>Lantana</i> by underplanting with bamboo	Deepak Kholiya	Lecturer Department of Environmental Science Graphic Era University 566/6 Bell Road, Clement Town Dehradun Mob: 997161707 Tel: 0135-2789840 Email: deepak151176@yahoo.com
22	2	Management of <i>Pyrilla perpusilla</i> Walker in sugarcane with egg-parasite <i>Tetrastichus pyrillae</i> during epidemics in sub-tropical India	Anil Kumar	Lecturer Dehradun Institute of Technology Mussorie Diversion Road Village Makkawala Dehradun Mob: 9412108746 Email: anilkumar_4u@rediffmail.com
23	2	Fule wood and fodder consumption pattern in a part of Garhwal Himalaya	B. N. Pandey	Dept. of Botany Govt. P.G Collage Lansdowne Pauri– 246 139 Email: drpandeybn@yahoo.co.in
24	3	<i>Pongamia pinnata</i> : A multipurpose choice tree species for the future	S. P. Chaukiyal	Scientist "C" Plant Physiology Division Botany Division Forest Research Institute Dehra Dun Mob: 9410539292 Tel: 0135-2224480 Fax: 0135-2756865 Email: chaukiyalsp@icfre.org
25	3	Effluent treatment in Oil Industry and Developing a check list for Environment Audit of ETP	Sanjay Bhutani	ONGC Dehradun Mob: 9410391073 Email: bhutanisanjay1@rediffmail.com

26	3	In-situ conservation of some important medicinal plants of Garhwal Himalaya, Uttarakhand	J.M.S. Chauhan	Research Scholar (Field Research Station, Khirsu, Pauri) Plant Physiology Division Botany Division Forest Research Institute Dehra Dun Mob: 9411393124 Tel: 0135-2224402 Email: chauhanjms@icfre.org, john_mir007@yahoo.com
27	3	Solar ultraviolet-B radiation induced changes in hill stream fish in presence of photosensitizers	Sunil Kumar	Reader Environmental Toxicology Laboratory Department of Zoology D.A.V. (PG) College Dehradun Mob: 9997074003 Email: sunilkumarddn@yahoo.co.in
28	1	Effect of solid waste dumping site on water quality of Sahastradhara stream at Dehradun	Pawan Kr. Bharti	Department of Zoology and Environmental Science Gurukula Kangri University Hardwar Email: gurupawanbharti@rediffmail.com
29	1	Biomedical waste - Status and management in Haldwani	Shubha Joshi	Student Amrapali Institute of Technology and Sciences Shiksh Nagar Lamachaur Haldwani - Nainital Email: subha.joshi29@gmail.com Mob: 9917264120
30	1	Preliminary assessment of wastewater quality of SIDCUL industrial area at Haridwar (UK)	Pawan Kumar	Research Scholar Department of Zoology and Environmental science Gurukula Kangri University Hardwar -249404 Email: pwntyagi0@gmail.com Mob: 9760063829
31	1	A study of the method to retrieve land surface reflectance based on IRS P6 data over Uttarakhand	Asha Thapliyal	Uttarakhand Space Application Centre (USAC) 209, phase-II, Vasant Vihar Dehradun Email: ashath08@gmail.com

32	1	Impact assessment of a hydroelectric project on forest vegetation in the western Himalayan region: A case study of Lakhwar Hydroelectric Project	Shradha Panwar	JRF G. B. Pant Institute of Himalayan Environment and Development Kosi Katarmal Almora Mob: 9720164164 Fax: 05962-241150 Email: shradha_p26@yahoo.co.in
33	1	Soil carbon status of agro and forest ecosystems in Uttari Kosi watershed in Uttarakhand	S. Chaturvedi	Research Scholar Deptt. Of Environmental Science G.B. Pant University of Agriculture & Technology Pant Nagar Mob: 9411889995 Email: chaturvedicol53@gmail.com
34	1	Prospects of nanotechnology in identification of nonpoint sources of pollution	Manoj Chandra Garg	Research Scholar, Department of Hydrology, IIT Roorkee Roorkee Mob: 9760295790 Email: manoj28280@gmail.com
35	1	Potentiality of community water sources for integrated fish farming	Neeraj	Research Scholar Rotary Environmental Lab Jwalapur Haridwar Mob: 9917483116 Email: tomarn21@gmail.com, gaganmatta@gmail.com
36	1	Impact of dams on river	Prashant Tyagi	Research Scholar Department of Zoology and Environmental Science Gurukula Kangri Vishwavidyalaya Haridwar Mob: 9412072170 Email: gaganmatta@gmail.com
37	1	Utilization of fly ash to improve soil fertility by vermicomposting	Vikas Singh	Research Scholar Limnological Research Lab Department of Zoology and Environmental Science Gurukula Kangri Vishwavidyalaya Haridwar Mob: 9412072170 Email: vickykhushi2426@gmail.com
38	1	Recommending the soil sampling points for soil survey an inventORIZATION of soil organic carbon pool in catchment of Giri river in Himachal Pradesh	Vikrant Vijay Singh	Student Forest Research Institute University Dehradun Email: vikrantvijaysingh@gmail.com Mob: 9456431018

39	1	Extracellular phytase from rhizospheric bacterial isolate to reduce the environment pollution by monogastric animals	Piyush kumar	<p>Research Scholar Department of Biochemistry College of Basic Sciences & Humanities GB Pant Univ. of Agri. & Tech. Pantnagar, U.S.Nagar</p> <p>Mob: 9756023045 Tel: 05944 -233310 Email: piyushkalra22@rediffmail.com</p>
40	1	Energy flow through livestock in a mountain agro-ecosystem	Kundan Singh	<p>Department of Environmental Science College of Basic Sciences & Humanities GB Pant University of Agriculture & Technology Pantnagar-263145</p> <p>Email: drvirsingh@rediffmail.com</p>
41	1	Environmental impact assessment of river rafting at Shivpuri with particular reference to socio-economic environment	Parth Sarathi Mahapatra	<p>Student (M.Sc.) Forest Research Institute PO- New Forest Dehradun - 248006</p> <p>Email: parth_mahapatra@yahoo.com Mob: 9410593370</p>
42	1	Environment impact assessment of river rafting at Shivpuri, Rishikesh, Uttarakhand with particular reference to the flora and landuse	Sonali Pradhan	<p>Student (M.Sc.) Forest Research Institute PO- New Forest Dehradun - 248006</p> <p>Email: sonali_pradhan2562@yahoo.com Mob: 9411723901</p>
43	1	A low cost alternative technology for wastewater treatment	Asha Pandey	<p>Research Scholar Department of Environmental Sciences College of Basic Sciences & Humanities GB Pant University of Agriculture & Technology Pantnagar- 263145</p> <p>Tel: 05944-233321 Fax: 05944-233473 Mob: 9412984784 Email: ashapandey.env@rediffmail.com</p>
44	1	People's perception and attitude towards conservation policies of Gangotri National Park	Madhav Nautiyal	<p>JRF Wood anatomy Discipline Botany division Forest Research Institute Dehradun-248006</p> <p>Mob: 9456146262, 9997837764 Tel: 0135-2224265 Email: nautiyalmadhav26@gmail.com</p>

45	1	Impact of road widening and management plan for improving urban vegetation in the major roads of Dehradun, Uttarakhand	Niteesh Kumar	Senior Project Assistant Environmental Impact Assessment Division Indian Council of Forestry Research and Education, P.O. New Forest Dehradun Mob: 9411477557 Tel: 0135-2224804 Email: niteesh.fri@gmail.com
46	1	Anthropogenic impacts on the survival of plantations in Gharwal Himalayas	Ajay Kumar	Senior Project Assistant Environmental Impact Assessment Division Indian Council of Forestry Research and Education, P.O. New Forest Dehradun Email: ajayfri@gmail.com Mob: 9411808618 Tel: 01352224804
47	1	Industrial impacts on surface water quality: A case study of IIE-Pantnagar	T. Banerjee	Research Scholar Department of Environmental Sciences G.B. Pant University of Agriculture & Technology Pantnagar-263 145 Email: tirthankaronline@gmail.com Tel: 05944 -233321 Fax: 05944 -233473 Mob: 9719347878
48	1	Performance study of a fixed-bed biofilm sequencing batch reactor under different operational conditions	Mohini Singh	Research Scholar Department of Environmental Sciences G.B. Pant University of Agriculture & Technology Pantnagar-263 145 Tel: 05944 -233321 Mob: 9410164710 Email: mohini33977@gmail.com
49	2	Variations in seed germination of <i>Hippophae Salicifolia</i> two provenances of Uttarakhand	Anita Tomar	Scientist Silviculture Division Forest Research Institute P.O. New Forest Dehra Dun 248 006 Tel. 0135-2224611 Email: anitatomar@icfre.org
50	2	Allelopathic influence of <i>Sarcococca saligna</i> on the seed germination of <i>Abies pindrow</i>	Vidya Rattan	Silviculture Division Forest Research Institute P.O. New Forest Dehra Dun 248 006 Email: vidyarah@gmail.com

51	2	Livestock rearing and sustainability of mixed crop mountain farming	Alok Mishra	C/o Dr. Rajiv Pandey Scientist-D EIA Division Indian Council of Forestry Research and Education Dehradun (Uttarakhand) Mob: 9358547873 Email: alokmishrafri@gmail.com, alokmishrafri@gmail.com
52	2	Headload burden on the musculoskeletal posture in the Jaunsari communities of Uttarakhand	Rajiv Pandey	Scientist-D EIA Division ICFRE Dehradun Mob: 9412918634 Email: pandeyr@icfre.org; rajivfri@yahoo.com
53	3	Variations in Benthic Diatom Assemblages: Indicators for landuse change stream ecosystems of Uttarakhand	P. Nautiyal	Reader Department of Zoology HNB Garhwal University Srinagar Tel: 01370 267384 Fax: 01370 267 384 Mob: 9412987878 Email: lotic.biodiversity@gmail.com pn.mahseer@yahoo.com
54	3	Bioremediation of heavy metals by freshwater cyanobacteria	V.D. Pandey	Senior Lecturer Department of Botany Govt. Post-Graduate College Rishikesh- 249201 Tel: 0135-2430495 Mob: 9411141252 Email: vdpandey2@yahoo.co.in
55	3	Evaluation of some insecticides against <i>Plecoptera Reflexa</i> Guenee [Lepidoptera: Noctuidae] in field experiments in Uttarakhand	Shamila Kalia	Scientist-E Forest Entomology Division Forest Research Institute P.O.New Forest Dehradun Tel: 0135-2224200 Email: shamila@icfre.org
56	3	Current status of natural populations of <i>Swertia chirata</i> in Garhwal Himalayas	Avinash K. Sharma	Scientist D Non-Wood Forest Products Division Forest Research Institute PO- New Forest Dehradun - 248006 Mob: 9412018718 Tel: 0135-2224496 Fax: 0135-2756865 Email: sharmaak@icfre.org

4th Uttarakhand State Science & Technology Congress -- 10-12th November, 2009 -- at GBPUAT, Pantnagar

Home Science including Textile, Food, Nutrition & Child Development -- ORAL

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Quality assessment of Mulberry silk waste & Tebetian wood blended fabric	Sonu Rani	Asst. Professor College of Home Science GB Pant Univ. of Agri. & Tech. Pantnagar Tel: 05944 -234010 Fax: 05944 -233473 Mob: 9411562383 Email: sonutextile@rediffmail.com
2	1	Unconventional fibers: A boon for industrial development of Uttarakhand	Ruchi Kholiya	Ph.D. student Department of Clothing & Textiles College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar-263 145 Email: ruchi.kholiya@gmail.com, alkagoelp@gmail.com
3	1	Antimicrobial activity and UV protection property of cotton fabric dyed with coreopsis flowers dye	Arshia Hussain	Ph.D. student C/o Dr Shahnaz Jahan Professor & Head Department of Clothing and Textiles College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar (US Nagar) Tel: 05944 -234010 Mob: 9411594943 Email: hussain.arshia@gmail.com
4	1	Application of under utilized bast fibre (linseed) for textiles	Sonam Omar	M.Sc. Student College of Home Science Department of Clothing & Textiles G.B. Pant University of Agriculture and Technology Pantnagar Mob: 9451877280, 9457011191 Email: omar.sonam@gmail.com

5	1	Assessment of communication skills among rural adolescent girls	Garima Choudhary	Senior Research Fellow ALL India Coordinated research Project HDFS-Unit G.B. Pant University of Agriculture and Technology Pantnagar U.S. Nagar-263145 Mob: 9410608095 Email: garima.ror@gmail.com
6	1	A step towards sustainable livelihood: Application of Kalabasa weed (<i>Chromolaena Odorata</i>) on silk fabric as dye and antimicrobial agent	Saurabh	Ph.D. Student Department of Clothing and Textiles College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar (US Nagar) Email: ydv.srbh@gmail.com Tel: 05944 -234010, 05944 - 233703 Fax: 05944 - 235002 Mob: 9454099434
7	1	Evaluation of Finger and Barnyard Millet based convenience mixes and food products for storage stability and acceptability	Kamini Shukla	Ph. D. Scholar Department of Foods and Nutrition College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar-263 145 Mob: 9450567207 Email: shuklakamini31@gmail.com
8	1	Selection of processing variable for reduction of cyanide content in raw edible bamboo shoot during NaCl treatment	Bindu Rana	Ph. D Student Department of Foods & Nutrition College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar (US Nagar) Mob: 9358798995 Tel: 05946-263779 Email: brana_09@rediffmail.com
9	1	Influence of post harvest treatments on quality of litchi	Suman Devi	Doing Ph-D Department of Food Science and Technology College of Agriculture G.B. Pant University of Agri. & Tech. Pantnagar-263145 Mob: 9759274607 Email: sumanmaurya23@gmail.com

10	1	Development of protein rich and reduced sugar compound chocolate and its storage stability	Alka Pandey	Ph. D Scholar Department of Food Science and Technology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar- 263 145 Mob: 9412905161, 9412928262 Tel: 05944 -233074 Email: alka_foodtech@yahoo.com, alka.foodtech@gmail.com
11	1	Antimicrobial effectiveness of herbal oils on organic cotton	Shefali Massey	Ph.D. student College of Home Science Department of Clothing and Textiles G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9412121059 Tel: 05944 -234010 Email: shefali.massey@gmail.com
12	2	Application of natural dye extracted from <i>Pseudomonas Fluorescens</i> on textile fibers	Anupama Mishra	Lecturer Department of Clothing & Textiles College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar-263 145 Mob: 9997541341 Tel: 05944 -234010, 05944 -235629 Email: anupamamishra_ct@yahoo.co.in, anupamamishra8@gmail.com
13	3	Designing and weaving of blended durries through CAD	Alka Goel	National Fellow/ Professor Department of Clothing and Textiles College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar-263 145 Tel: 05944 -234531, 233518 Fax: 05944-234531 Email: alkagoelp@gmail.com
14	3	Factors of educational environment affecting learning achievement of students: A study of Government Primary Schools of Dehradun district	Anita Sati	Lecturer Department of Home Science HNB Garhwal University Srinagar- 246174 Mob: 9997202601 Tel: 01346-252486 Email: anitasati70@gmail.com

Home Science including Textile, Food, Nutrition & Child Development -- POSTER

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Microencapsulation: An alternative approach for aromatherapeutic textiles	Mansi Agrawal	Department of Clothing & Textiles College of Home Science G. B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9358367480 Email: mansi.agrawal@yahoo.co.in
2	1	Production of handmade paper using natural fibres	Khushboo Singh	Senior Research Fellow Department of Clothing & Textiles College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar-263 145 Tel: 05944 -234010 Fax: 05944 -233637 Mob: 9305323923, 9450083909 Email: khushboo.rashee@gmail.com, khushi_rashee@yahoo.co.in
3	1	Food consumption pattern and nutritional status of rural population of Champawat district	Deepa Joshi	Project fellow Department of Foods & Nutrition College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar (US Nagar) Mob: 9759891684 Tel: 05944 -233509 Email: joshi.deepa23@gmail.com
4	1	Oat flour incorporated cakes as functional food for growing children	Renu Shrestha	Student Department of Foods & Nutrition College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar (US Nagar) Mob: 9027131956 Tel: 05944 -233509 Fax: 05944 -233637 Email: renu02@gmail.com

5	1	Adaptation of folk art of Kumaun (<i>Aipan</i>) for use in textiles	Rabia Husain	<p>Student Department of Clothing & Textiles College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar-263 145</p> <p>Mob: 9411160255 Tel: 05944 -234010 Fax: 05944 -233637 Email: rabiahusain2002@yahoo.com</p>
6	1	Value addition of Muga silk by optimization of dyeing process and its effect on fabric's physical properties	Gauri	<p>Ph. D Student Department of Clothing & Textiles College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar-263 145</p> <p>Mob: 9410080570, 9368499805, 9027222105 Email: goel200785@gmail.com, gaurigoel2007@yahoo.co.in</p>
7	2	Empowerment of rural adolescent girls: Success stories	Neera Agarwal	<p>Senior Technical Assistant Department of Human Development & Family Studies College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar- 263145</p> <p>Mob: 9410111632 Tel: 05944 -233511, 234732 Email: neera.ag@gmail.com</p>
8	2	Dehydration of potatoes for food uses	Anupama Pandey	<p>Assistant Professor College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar (US Nagar)</p> <p>Tel: 05944 -233770, 05944 -233510 Mob: 94113-04322 Email: misanupama@gmail.com</p>
9	2	Nutritional, sensory and storage studies on dried mulberry leaves powder	Rajkumari	<p>Teaching Personal (on adhoc) Department of Foods and Nutrition College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar-263 145</p> <p>Mob: 09410121468 Fax: 05944 -233637 Email: rajvishwakarma2000@yahoo.com</p>

10	1	Pesticide residue analysis of starch treated cotton fabric	Shaleni Bajpai	Senior Research Fellow Department of Clothing & Textiles College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar-263 145 Tel: 05944 -234010 Fax: 05944 -233637 Mob: 9997959042 Email: shalini25_bajpai@yahoo.co.in
11	1	An Eco- benign leather dyeing using natural dyes (onion peels and cutch)	Swati Pant	Student Department of Clothing & Textiles College of Home Science G.B. Pant University of Agriculture and Technology Pantnagar-263 145 Mob: 9675733619 Tel: 05944 -234010 Fax: 05944 -233637 Email: swatipant_gbpuat@yahoo.in
12	1	Evaluation of different methods for preparing quick cooking rice	Anuradha Srivastava	Student Department of Food Science and Technology College of Agriculture G.B. Pant University of Agriculture and Technology Pantnagar- 263145 Mob: 9897044632 Tel: 05944 -233930 Email: anuradha.life@yahoo.in
13	2	Meat industry at village/ town level in present scenario- Need a change	Prity Pant	Lecturer College of IT and Management Near Sunlight Banquet Hall Mukhani Road Haldwani Mob: 9411790172 Tel: 05946 -220383 Email: prity_uou@yahoo.co.in

4th Uttarakhand State Science & Technology Congress -- 10-12th November, 2009 -- at GBPUAT, Pantnagar

Material Science & Nano Technology -- ORAL

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Dielectric relaxation of ZnSe nanostructure synthesized by soft chemical method	Ramna Tripathi	Research Scholar Department of Physics Government PG College Rishikesh- 249201 Mob: 941010 4592 Email: ramna_tripathi@yahoo.co.in
2	1	High current-voltage characteristics of amorphous GeSePb thin films	Kamal Kumar	Ph.D Scholar Department of Physics Gurukula Kangri University Haridwar Tel: 01334-212198, 256593 Mob: 9557565753 Email: kamalkumar.phy@gmail.com
3	1	Modification in mechanical, thermal and antifungal properties of mango wood through impregnation polymerization of methyl methacrylate	G.Bisht	Ph.D II yr Supercritical Fluid Processing Laboratory Department of Chemistry G. B. Pant University of Agriculture & Technology Pantnagar- 263145 Email: gunjanbisht31@gmail.com
4	1	Synthesis of C60-Polyacrylic acid conjugates in supercritical carbon dioxide	T. Agarwal	Junior Research Fellow Supercritical Fluid Processing Laboratory Department of Chemistry G. B. Pant University of Agriculture & Technology Pantnagar- 263145 Mob: 9456345398 Email: garg_tithi@yahoo.co.in
5	1	The study of magnetic properties of magnetite/ PMMA nano-composite	Diwakar Padalia	Research Scholar Department of Physics CBSH G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9458269445 Email: padalia.diwakar@gmail.com

6	1	Application of Near Infrared (NIR) spectroscopy to estimate Specific gravity of wood material	Aasheesh Raturi	JRF Forest Products Division Forest Research Institute Dehradun-248006 Mob: 9411777742 Email: quark6ashu@gmail.com
7	2	Dielectric study of CdSe nanostructure synthesized by soft chemical route	Akhilesh Kumar	Reader Department of Physics Government PG College Rishikesh- 249201 Tel: 0135-2430495 Mob: 9412937560 Email: singhakhilesh26@rediffmail.com
8	2	A review: Nanoscience and Technology Emerging Trend	Sanjeev Kimothi	Sr.Lecturer Department of Physics/Electronics BFIT Dehradun Mob: 9456119959 Email: sanjeevkimothi@gmail.com
9	2	Nanotechnology- solution to climate changes	Smita Bhatt	Lecturer Amrapali Institute of technology and Sciences Shiksha Nagar, Lamachaur Haldwani, Nainital Tel: 05946 -267771 Mob: 9927122103 Email: smitabhattgl@yahoo.co.in, smitabhattgl@yahoosmail.com
10	2	Tailoring the textural properties of zeolite for octane upgradation of fuels	Sandeep K. Saxena	Technician (Scientific) Catalysis & Conversion Processes Division Indian Institute of Petroleum Dehradun-248005 Mob: 9412672845 Tel: 0135-2525856 Fax: 0135-2660202 Email: sandeepksaxena@hotmail.com, sksaxena@india.com, sksaxena@iip.res.in
11	2	Supercritical synthesis and characterization of Epoxy Ferrite nanocomposites	V. Kumar	Junior Research Fellow Supercritical Fluid Processing Laboratory Department of Chemistry G. B. Pant University of Agriculture & Technology Pantnagar- 263145 Email: kvinod_85@yahoo.com Mob: 9548006970

12	2	Detection of infectious <i>Bursal disease virus</i> (IBDV) using quartz crystal microbalance (QCM) nanobiosensor	K. P. Singh	Associate Professor Biophysics and Nanotechnology College of Basic Sciences and Humanities G.B.Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9412632572 Tel: 05944 234236 Fax: 05944 233473 Email: kps_biophysics@yahoo.co.in
13	3	Energy absorption mechanism of closed-cell aluminium foam	B.S.S. Daniel	Assistant Professor Metallurgical & Materials Engineering Indian Institute of Technology Roorkee Roorkee 247667 Tel: 01332-285751, 01332-285760 Fax: 01332-285243 Mob: 94101-64898 Email: s4danfmt@iitr.ernet.in
14	3	Alternate repair materials for building applications	Rajni Lakhani	Scientist E1 Organic Building Materials Division Central Building Research Institute Roorkee Tel: 01332- 283483 Mob: 9319140031 Email: rlakhani_cbri@rediffmail.com
15	3	Recent advances in nanotechnology based drug delivery systems	S.P.Singh	Professor Department of Veterinary Pharmacology & Toxicology G.B. Pant University of Agriculture and Technology Pantnagar-263145 Tel: 05944- 233069, 234235 Fax: 05944- 233473 Mob: 9450766589 Email: sppharma@rediffmail.com
16	2	Nnanocubic Manganese Hexacyanoferrate - Carbon Nanotube composite based sensor for voltammetric determination of Paracetamol drug	Shah Raj Ali	Lecturer, Dept of Chemistry DSB Campus Kumaun University Nainital - 263002 O: 05942-236943 F: 05942-235576 M: 99974-18110 E: shahrajali@gmail.com

4th Uttarakhand State Science & Technology Congress -- 10-12th November, 2009 -- at GBPUAT, Pantnagar

Mathematics; Statistics & Computer Science -- ORAL

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Conversion of imperative sentences from active to passive voice by topological homeomorphism	Rakesh Pandey	Lecturer in Mathematics Amrapali Institute of technology and Sciences Shiksha Nagar, Lamachaur Haldwani, Nainital Off: 05946238201 Mob: 9456138619 Email- rakesh_pandey2003@yahoo.com
2	1	Effect of Buoyancy ratio in the thermo-solutal convection in anisotropic porous enclosure due to non uniform boundary condition	Saurabh Kapoor	Researach Scholar Department of Mathematics Indian Institute of Technology Roorkee Roorkee Mob: 9897847913, 9368298614, 9358842111 Email: saurabh09.iitr@gmail.com, sonu9dma@iitr.ernet.in
3	1	Space-time B-spline Galerkin Finite element solution of one dimensional heat equation	Vandana.Dabral	Student Department of Mathematics Pt.L.M.S Govt. P.G. College Rishikesh Mob: 9368298614 Tel: 0135-2430495 Email: vandana.p96@gmail.com
4	1	Some Similarity Solutions For Non-Conformal Accelerating Fluid Plates of Embedding Class One	Sachin Kumar	Research Scholar Department of Mathematics Indian Institute of Technology, Roorkee Roorkee - 247667 Mobile No. 09012034530 Email: sachinambariya@gmail.com, rockydma@iitr.ernet.in
5	1	Information : For business development	Pramila Dangwal	Defence R&D organization Institute of Technology Management Ministry of Defence Landour Cantt Mussoorie-248179 Tel: 01352632267 Fax: 01352632279 Mob : 9219710547 Email: pramila_dangwal@rediffmail.com, pramila_dangwal2004@yahoo.com, dpvd03@gmail.com

6	1	Effects of variable thermal conductivity and chemical reaction on steady mixed convection boundary layer flow with heat and mass transfer inside a cone due to a point sink	Vandana Bisht	Research Scholar Dept. of Maths Stats and Comp. sci. G.B. Pant University of Agriculture and Technology Pantnagar (US Nagar) Email: vandanabisht7@gmail.com Mob: 9012350964
7	1	A New set of Tikekar's Type Charged Super-dense Star Models	Jitendra Kumar	Research Scholar Department of Mathematics Indian Institute of Technology Roorkee Roorkee-247667 Email: jitendark@gmail.com
8	1	Fuzzy controllers and multi- objective decision making of flexible manufacturing systems	Ritu Chandna	Assistant Professor Graphic Era University Clement Town Dehradun Mob: 9917627861 Email: rituchandna15@gmail.com, ritukharbanda@gmail.com
9	1	Thermal-diffusion effects on MHD heat and mass transfer free convection flow near the lower stagnation point of a porous isothermal cylinder	Ziya Uddin	Research Fellow Department of Mathematics, Statistics and Computer Science G. B. Pant University of Agriculture & Technology Pantnagar Tel: 05947-274147 Mob: 98370-84147 Email: ziya_dd@rediffmail.com, ziyauddin1982@gmail.com
10	1	Thermo-electric effects on flow of cholesteric liquid crystal between two infinite relatively moving parallel hot plates	Meena Kumari	Ph. d. Scholar Department of Mathematics, Statistics and Computer Science College of Basic Sciences and Humanities Govind Ballabh Pant University of Agriculture and Technology Pantnagar-263145 U. S. Nagar Mob: 9456321662 Email: meenatilwani@gmail.com, meenatilwani@rediffmail.com
11	1	Fractal dimension of Superior Julia sets for Non analytic maps	Dimpal Arora	Research Scholar Department of Mathematics D. S. B. Address Campus Kumaun University Nainital Tel: 05942-237825, 235438 Email: dimpalarora.2007@rediffmail.com

12	1	Image compression through modified embedded zerotree wavelet algorithm	Garima Chopra	<p>Research Scholar Department of Mathematics, Statistics and Computer Science College of Basic Sciences and Humanities G.B. Pant University of Agriculture and Technology Pantnagar-263145</p> <p>Mob: 9897792099 Tel: 05944 -234072 Email: garima.chopra@gmail.com</p>
13	1	On isobaric fluid spheres and fluid spheres satisfying $p=f(p)$	Sunil Kumar Maurya	<p>Ph.D Student Department of Mathematics Indian Institute of Technology Roorkee Roorkee-247667</p> <p>Mob: 9305744550 Email: sunilkumarmaurya1@gmail.com</p>
14	1	An integrated EPQ model for ameliorating and deteriorating items with time discounting & multi variate demand	Sachin Gupta	<p>Research Scholar D.B.S. College Dehradun</p> <p>Mob: 9837869979, 9808445379 Email: shivrajpundir@gmail.com, abhinav_goel27@yahoo.com</p>
15	1	Integrated inventory model for perishable items with exponential demand	Abhinav Goel	<p>Research Scholar Department of Mathematics D.B.S. (PG) College Dehradun</p> <p>Mob: 9719332779, 9027545379 Email: abhinav_goel27@yahoo.com, shivrajpundir@yahoo.com</p>
16	1	An EOQ model for decaying items with life time approach under time dependent storage cost, price dependent demand and partial backlogging	Ankit Prakash Tyagi	<p>Research Scholar Department of Mathematics D.B.S. (PG) College Dehradun</p> <p>Mob: 9634345797, 9871573364 Email: ankitprakash_88@rediffmail.com, shivrajpundir@yahoo.com, pandeyrk@gmail.com</p>
17	1	Ratio-Product-Difference (RPD) type double sampling estimators for finite population variance using auxiliary information	Peeyush Misra	<p>Lecturer Department of Statistics D.A.V. (P.G.) College Dehradun</p> <p>Mob: 9917468797 Email: peeyushmisra.lu_dr@yahoo.com</p>

18	1	A geo-statistical study of the hotspots of enteric disease in Almora and Nainital districts of Uttarakhand	Vijaya Bhatt	JRF (UCOST project) Department of Statistics Kumaun University S.S.J. Campus Almora Mob: 9997708031 Email: bhatt_vijaya@yahoo.in, kumarn_amo@yahoo.com
19	1	Integrated inventory system with the effect of inflation and credit period	Sarvpreet Kaur	Sr. Lecturer S.G.R.R. (PG) College Dehradun Mob: 9711473583, 9999900496, 945711113 Email: preet_malik82@yahoo.co.in
20	1	Flow of an elastico-viscous second-grade fluid between two infinite rotating discs with suction	Parul Chaddha	Research Scholar Department of Mathematics & Stats. Gurukul Kangri Vishwavidyalaya Haridwar -245975 Mob: 9837373479 Tel: 01332-271381 Email: chaddha.parul@gmail.com hgsfdfma@iit.ernet.in
21	2	Kinetics and tolerance of glucose in normal and diabetic persons	Somna Mishra	L-35 Shivalik Nagar BHEL Haridwar Mob: 9212640307 Tel: 01334-231899 Email: mishra.somna@rediffmail.com, mishra_somna@yahoo.com
22	2	An inventory model for deteriorating items with time varying holding cost and Permissible delay in payments	Mukesh Kumar	Sr. Lecturer Deptt. of Mathematics Dehradun Institute of Technology Dehradun Mob: 9412150254 Email: mukeshkumar_iitr@yahoo.co.in
23	2	Analysis of load distribution in fully connected client server network using artificial neural network	Garima Krishna	Sr. Lecturer Department of Computer Sciences College of Engineering (COER) Roorkee- 247667 Email: garima_krishna@yahoo.com Tel: 01332 279737, 01332 273029 Fax: 01332 273029 Mob: 9897663291

24	2	Free Libre/open source based IT curriculum for academic institutions	Sunil Bhaskaran	Head Computer Science Army Cadet College (JNU) Indian Military Academy Dehardun Mob: 9412347407 Tel: 0135-2761573 Email: bsunil2003@yahoo.com
25	2	Mathematical study of microcirculation using plasma release cell-layering theory	Sanjay Kumar Agarwal	Associate Professor Dolphin (PG) Institute of Biomedical & Natural Sciences Manduwala Dehradun Mob: 9219604554 Tel: 0135-2694549 Fax: 0135-2694547 Email- sanjay_agg@indiatimes.com
26	2	Decomposition of recurrent curvature tensor fields in a tachibana space	Gyan Prakash Silswal	Lecturer Government Inter College Kamand PO- Kamand via Bhaldiyana Tehri-249131 Mob: 9917518007
27	2	On location of zeros of polynomials	Roshan Lal	Lecturer in Mathematics Govt. Degree College Chaubattakhal (Pauri) Mob: 9412942745 Tel/Fax: 01386-265354 Email: rlkeshtwal@yahoo.co.in
28	3	Geometrization of Heat Flow on Volumetrically Isothermal Manifolds via the Ricci Flow	K.C. Petwal	Lecturer Department of Mathematics H.N.B. Garhwal University Campus Badshahi Thaul- 249199 Email: kcpetwal@gmail.com, drkcpetwal@rediffmail.com
29	3	On Einstein-Kaehlerian Conharmonic* recurrent spaces	U.S.Negi	Lecturer Department of Mathematics H.N.B. Garhwal University Campus Badshahi Thaul-249199 Tehri Mob: 9758037370 Tel: 01376 -254079, 254333 Email: usnegi7@gmail.com

30	3	Multivariate regression in social-demography: A study on Age At female marriage in rural areas of Uttarakhand	O.K. Belwal	Head Department of Statistics HNB Garhwal Central University Srinagar Email: okbelwal@rediffmail.com
31	3	Prediction of indoor surface temperature using mathematical model of periodic heat flow through building	B.M. Suman	Technical Officer E1 Central Building Research Institute Roorkee Mob: 9997451791 Tel: 01332-283236, 278720 Fax: 01332-283236 Email: bs_ashishh@rediffmail.com
32	3	Algebraic proof of Fermat'S LAST THEOREM I.E. The Diophantine Equation $x^n+y^n=z^n$ has non non-zero integer solutions for x, y and z; when $n>2$	Devendra Kumar Lohani	Research Scholar Department of Mathematics Govt. M.. P.G. College Haldwani Mob: 9412087888, 9412129979 Tel: 05946-222017 Email: devendra@rediffmail.com, uniyal12.2008@rediffmail.com
33	3	Flow of an elastico-viscous second-grade fluid between two infinite rotating discs with suction and injection	H.G. Sharma	Ex. Prof. & Head Department of Mathematics Indian Institute of Technology Roorkee Roorkee-247667 Mob: 97355322 Tel: 01332-270368 Email: hgsfdfma@iit.ernet.in, chaddha.parul@gmail.com
34	3	Analysis and development of association rules mining of query language using ASRM	Manoj Kumar	Associate Professor Deptt Of Maths Stats & Computer Science C.B.S.H. G.B. Pant University of Agriculture and Technology Pantnagar- 263145 Mob: 9411561185 Tel: 05944233350 EMail: mnj_kumar2004@yahoo.com

Mathematics; Statistics & Computer Science -- POSTER

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Availability and cost analysis of a parallel redundant complex system with two types of failure under head-of-line repair discipline using Gumbel-Hougaard family copula in repair	Mangey Ram	Lecturer, Department of Mathematics Graphic Era University 566/6, Bell Road, Clement Town Dehradun Email: mangeyram1@yahoo.co.in Mob: 9997873134
2	1	Coincidences and Fixed Point Theorems for Rational Contractive Conditions in Symmetric Spaces	Lokesh Kr. Joshi	ICFAI Tech. Dehradun Email: lokesh.joshe@gmail.com
3	2	Radiation effects on flow past an accelerated plate embedded in porous medium	Govind Pathak	Department of Mathematics Govt. P. G. College Lansdowne (Jaiharikhal) Pauri – 246 139 Email – pathakgovind@rediffmail.com
4	2	An integrated production inventory model with exponential time dependent demand	Ravinder Kumar Arya	Senior Lecturer Department of Mathematics Uttranchal Institute of Technology Dehradun Email: arya.ravinder1982@gmail.com

4th Uttarakhand State Science & Technology Congress -- 10-12th November, 2009 -- at GBPUAT, Pantnagar

Medical Science including Pharmaceutical Science -- ORAL

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Development and evaluation of polyherbal anti-inflammatory topical ointment from <i>Gymnema sylvestre</i> , <i>Tinospora cordifolia</i> , <i>Piper longum</i>	Ashutosh Upadhyay	Student Department of Pharmaceutical Sciences Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun Mob: 9453328053 Email: ashuupadhyay16@gmail.com
2	1	Study on variation in fatty acid composition, physico-chemical properties and Azadirachtin content of <i>Azadirachta indica</i> seeds from North India	Ishan Dhulia	Student Department of Pharmaceutical Sciences Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun Tel: 0135-3253736 Mob: 9997972783 Email: ishandhulia@rediffmail.com
3	1	Antibacterial Activity of <i>Canna indica</i> on few clinically important bacteria	Rajat Singh	Lecturer Gayatri College of Biomedical Science GMS Road, Ballupur Dehradun Mob: 9760196862 Tel: 0135-3291585 Email: rajatbiotech07@gmail.com
4	1	Rational design and synthesis of chromenones as ligands of plasmodium aspartic proteases	Nitin Sati	Department of Pharmaceutical Sciences H.N.B. Garhwal University Srinagar Email: nitinsatidops@gmail.com
5	1	<i>In Vivo</i> hair growth activity of herbal formulations	Mona Semalty	Sr. Lecturer Department of Pharmaceutical Sciences HNB Garhwal University Srinagar (Garhwal)-246174 Mob: 9997255672 Tel: 01346-211502, 211575 Email: monasemalty@gmail.com

6	1	Design and synthesis of some new derivatives of 3H-Quinazolin-4-one with promising antimicrobial activity	Rajeev Kumar Sharma	Lecturer Faculty of Pharmacy Dehradun Institute of Technology Mussorie Diversion Road Village Makkawala Dehradun Mob: 9997238823 Email: mr.rajeevsharmapharma@rediffmail.com
7	1	Study on effectiveness of transcutaneous electrical nerve stimulator (TENS) in depression patients	Ruchi Bhatia	P.G. Student Department of Pharmaceutical Sciences including Medical Sciences Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun Email: ruchibkb@yahoo.co.in, ruchibkb@yahoo.co.in Mob: 9997781245
8	1	A novel cost effective natural media for growth of <i>Staphylococcus aureus</i>	Samir Bhargava	Lecturer Faculty of Pharmacy Dehradun Institute of Technology Vill- Makkawala PO- Bhagwantpura Near Mussorie Diversion Road Dehradun Email: bhargava.samir@gmail.com Mob: 9997309311 Tel: 0135-3000378
9	1	A novel mucoadhesive biomaterial isolated from the seeds of <i>Cicer arietinum</i>	Abhay Pratap Yadav	DIT-Faculty of Pharmacy Dehradun Institute of Technology Vill- Makkawala PO- Bhagwantpura Near Mussorie Diversion Road Dehradun Email: mpharm_abhay@yahoo.com Mob: 9936404425 Tel: 0135-3000378
10	1	In vitro characterization of hydrogel beads of isabgol husk-sodium alginate	Vipin K. Sharma	Assistant Professor Department of Pharmaceutical Sciences Faculty of Ayurved & Medical Sciences Gurukul Kangri University Haridwar -29404 Mob: 9759331509 Tel/Fax: 01334-212122 Email: sharma_dibru@yahoo.co.in

11	2	A novel o/w bio-emulgent from seeds of <i>Zea mays</i>	N V Satheesh Madhav	Professor DIT-Faculty of Pharmacy Dehradun Institute of Technology Vill- Makkawala PO- Bhagwantpura Near Mussorie Diversion Road Dehradun Mob: 9760203573 Tel: 0135-3000378 Email: satheesh_madhav@yahoo.com
12	2	Development of an effective herbal drug delivery system of Naringenin	Ajay Semalty	Lecturer Department of Pharmaceutical Sciences H.N.B. Garhwal University Srinagar Mob: 9412964614 Email: semaltyajay@gmail.com
13	1	Application of nanotechnology in cancer treatment	Malay K. Vishwakarma	Junior Research Fellowship Dept. of Veterinary Biochemistry College of Veterinary and Animal Sciences G.B. Pant University of Agriculture and Technology Pantnagar Mob: 9456322538 Tel: 05944-234255, 234256 Fax: 05944-233473 Email: malayvets@gmail.com
14	1	Formulation and evaluation of floating microspheres of ofloxacin hydrochloride	Shikha Yadav	Student Department of Pharmaceutical Sciences H.N.B. Garhwal University Srinagar Mob: 9634035490, 9410594081 Email: shikhampharm@gmail.com

Medical Science including Pharmaceutical Science -- POSTER

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	A survey report on impact of patent on different divisions of pharma sector	Mini Ojha	DIT- Faculty of Pharmacy Dehradun Institute of Technology Mussoorie Diversion Road Dehradun Email: mini_pharma@rediffmail.com Mob: 9411760077
2	1	Formulation and evaluation of polyherbal anti-inflammatory topical Gel from <i>Gymnema sylvestre</i> , <i>Tinospora cordifolia</i> & <i>Piper longum</i>	Deepak Kumar Kashyap	Student Department of Pharmaceutical Sciences Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun Mob: 9936826832 Email: deepakkashyap601@gmail.com
3	1	Docking of 2-Phenyl-3-(substituted Phenyl)-3H-Quinazolin-4-ones into a <i>Mycobacterium Tuberculosis</i> transferase: Understanding the interactions with binding sites	Sushil Chandra Sati	Lecturer/ JRF Department of Pharmaceutical Sciences H.N.B. Garhwal University Srinagar Email: sushilsati1983@gmail.com Mob: 9410129260
4	1	Antibacterial and antifungal activity of <i>Adhatoda Zeylanica</i>	Meenakshi Bhatt	Lecturer Department of Pharmacy S.G.R.R.I.T.S. Patel nagar Dehradun Mob: 9897435971, 910075389 Fax no. 0135-2721762 Email: mp_31@rediffmail.com
5	1	Validated analytical & bioanalytical method development of celecoxib in bulk, rat plasma by UV-Spectroscopy	P. Kumar	Lecturer Division of Pharmaceutical Sciences Shri Guru Ram Rai Institute of Technology & Sciences Patel Nagar Dehradun Mob: 999778537 Tel: 0135-2721763 Email: praveen_mpharm_qa@yahoo.co.in

6	1	Antibacterial activity of Neem (<i>Azadirachta Indica</i> A. Juss.) bark extract on bacterial isolates from diabetic patients	Preeti Chaturvedi	Student Institute of Allied Health (Paramedical) Services Education and Training Department of Biochemistry UFHT Medical College Haldwani Mob: 9917594956 preetibiotec@gmail.com
7	1	Evolution of Cefoxitine Disk Diffusion Test for Routine Detection of Methicillin Resistance Staphylococci & Study of Antibacterial activity of <i>Withania Somnifera</i> (Ashwagandha) in Gram Positive Cocci	Nishi Tripathi	Student Institute of Allied Health (Paramedical) Services Education and Training (IAHSET) Department of Biochemistry UFHT Medical college Haldwani Tel: 05946-235436 Mob: 9719334524 Email: tripathi.nishi5@gmail.com
8	1	Synthesis and docking of Nimesulide-Azo Coupled Moiety	Sushant Kumar Gupta	Lecturer Faculty of Pharmacy Dehradun Institute of Technology VIII- Makkawala PO- Bhagwantpura Near Mussorie Diversion Road Dehradun Mob: 9412650744 Tel: 0135-3000378 Fax: 0135-3000309 Email: sushantgupt123@gmail.com
9	1	Formulation & evaluation of nimesulide bio-microdwarfs using a novel bio-retardant from the rhizomes of <i>Zingiber officinale</i>	Shivani Kala	DIT-Faculty of Pharmacy Dehradun Institute of Technology VIII- Makkawala PO- Bhagwantpura Near Mussorie Diversion Road Dehradun Mob: 9411721170 Tel: 0135-3000378 Email: kala_monu@yahoo.co.in
10	1	Formulation and evaluation of mucoadhesive buccal films of enalapril maleate	Ujjawal Nautiyal	Student Department of Pharmaceutical Sciences H.N.B. Garhwal University Srinagar Mob: 9410350799 Email: ujjwal_nautiyal@rediffmail.com

11	1	Transdermal films of diltiazem hydrochloride: Preparation and characterization	Deepika Verma	Student Department of Pharmaceutical Sciences H.N.B. Garhwal University Srinagar Mob: 9410176460 Email: deepikadlverma@gmail.com
12	2	Phytochemical screening and blood sugar level lowering effect of <i>Bergenia Ligulata</i> root extracts	Nardev Singh	Asst. Professor in Pharmacognosy Division of Pharmaceutical Sciences S.G.R.R.I.T.S Pate Nagar Dehradun Mob: 9412967776 Tel: 0135-2721763 Fax: 0135-2721762 Email-nardev71@yahoo.co.in
13	2	Phytochemical investigation and hypoglycemic potential of heartwood extracts of <i>Cedrus deodara</i>	Yogita Dobhal	Lecturer Department of Pharmaceutical Sciences Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun Tel: 0135-2665076 Mob: 9410790829 Email: yogita_sharma05@rediffmail.com
14	2	Chemical composition and antimicrobial potential of essential oil obtained from <i>Cyperus Rotundus</i> Linn.	Anupam Bisht	Lecturer Department of Pharmaceutical Sciences Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun Email: anupam_sajwan@yahoo.com Mob: 9411726538
15	2	Formulation and evaluation of matrix tablets of acarbose	Ganesh Kumar Bhatt	Lecturer Department of Pharmacy S.G.R.R.I.T.S. Patel nagar Dehradun Mob: 9897435971 Tel: 0135-2721763, 2726435 Fax: 0135-2721762 Email: ganesh_bhatt2@rediffmail.com

16	2	Anticonvulsant activity of novel substituted 4(3H)-Quinazolinones	M. Chaudhary	Lecturer Division of Pharmaceutical Sciences Shri Guru Ram Rai Institute of Technology & Sciences Patel Nagar Dehradun Mob: 9456271274 Tel: 0135-7221763 Email: meenu_mpharm_chem@yahoo.co.in
17	2	A novel inbuilt anti-diabetic activity of <i>Diospyros malabarica</i> Kostel. stem bark extract	Vijay Singh Rana	Asst. Professor Faculty of Pharmacy Dehradun Institute of Technology Vill- Makkawala PO- Bhagwantpura Near Mussorie Diversion Road Dehradun Mob: 9719142816 Tel: 0135-3000378 Fax: 0135-3000309 Email: vijaysinghdit@rediffmail.com
18	2	Formulation and evaluation of Disperso-dissolution Nebivolol (DD) tablet	Harish Chandra	Lecturer Faculty of Pharmacy Dehradun Institute of Technology Mussoorie Diversion Road Dehradun Mob: 9411504364 Tel: 0135-3000378 Fax: 0135-3000309 Email: harishchandra20@rediffmail.com
19	2	Evaluation of imunomodulatory potential of aqueous extract of <i>Dysoxylum. Binectaferum</i> leaves	Manoj Gahlot	Lecturer Division of Pharmaceutical Sciences Shri Guru Ram Rai Institute of Technology & Sciences Patel Nagar Dehradun Mob: 9412382491 Tel: 0135-2721762 Fax: 0135-2721762 Email: chmanojg@yahoo.com
20	2	A validated method development of Tenofovir as API & tablet dosage forms by UV-Spectroscopy	G. Gnanarajan	Sr. Lecturer Division of Pharmaceutical Sciences Shri Guru Ram Rai Institute of Technology & Sciences Patel Nagar Dehradun Mob: 9997307024 Tel: 0135-2721763 Email: rajangnana76@yahoo.com

21	3	Evaluation of anti stress activity of <i>Fagopyrum Esculentum</i> - An indigenous vegetable of Garhwal	Preeti Kothiyal	<p>Professor Faculty of Pharmacy Dehradun Institute of Technology P.O. Bhagwantpur Mussoorie diversion Road Dehradun</p> <p>Mob: 9760614370 Tel: 0135-3000381, 2672548 Fax: 0135-3000309 Email: koti.preety@rediffmail.com</p>
22	1	Design, synthesis and characterization of Ibuprofen prodrugs for enhanced percutaneous absorption	Richa Bharti	<p>Student Department of Pharmaceutical Sciences Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun</p> <p>Tel: 01892-269033 Mob: 9418833146 Email: richabharti87@gmail.com</p>
23	1	Anthelmintic activity of aqueous Neem leaf extract: a preliminary report	R. Solankee	<p>Dept. of Pharm. Sciences Kumaun University Bhimtal-263136</p> <p>Email: ruchipharmacology@googlemail.com</p>
24	1	Synergistic combination of <i>Psidium Guajava</i> and Amoxicillin against <i>Pseudomonas Aeruginosa</i>	Kalpana	<p>Student Department of Pharmacy Shri Guru Ram Rai Institute of Technology and Science Dehradun</p> <p>Mob: 9319263038 Email: kalpana303@gmail.com</p>
25	1	Memory enhancing capacity of small molecules derived from 1-(3-Chloropropoxy)-4-Methylbenzene	Richa Gupta	<p>Lecturer Department of Pharmaceutical Sciences Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun</p> <p>Email: leo_richagupta84@rediffmail.com Mob: 9997111402</p>
26	1	Phytochemical investigation and antipyretic potential of stem of <i>Emilia sonchifolia</i>	Manish Kumar	<p>Student Sardar Bhagwan Singh P.G. Institute of Biomedical Sciences and Research Balawala Dehradun</p> <p>Mob: 9411030899, 9412912878 Email: manishshrm98@gmail.com</p>

27	1	Phytochemical investigation and antipyretic potential of saussurea lappa root extracts	Anu Choudhry	<p>Student Sardar Bhagwan Singh P.G. Institute of Biomedical Sciences and Research Balawala Dehradun</p> <p>Mob: 9457449431, 9412912878 Email: anu.choudhry86@gmail.com</p>
28	1	Synthesis and pharmacological evaluation of substituted derivatives of salicylic acid, acetyl salicylic acid & anthranillic acid	Poonam Agarwal	<p>Student Department of Pharmaceutical Science Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun</p> <p>Mob: 9759073004, 9759941234 Email: poonamagg11@gmail.com</p>

4th Uttarakhand State Science & Technology Congress -- 10-12th November, 2009 -- at GBPUAT, Pantnagar

Physics -- ORAL

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Effect of correlated hopping on phase transitions in Spinless Falicov- Kimball model on the triangular lattice	Umesh Kr. Yadav	Department Of Physics Indian Institute Of Technology Roorkee Roorkee Mob: 9454837060 Email: umeshyadav02@gmail.com
2	1	Sensitising Er ³⁺ by Tm ³⁺ in zinc phosphate glass	Deepak Kumar Upreti	Lecturer in Physics Govt. P. G. College Dwarahat Almora Mob: 9412977016 Email: dkupreti17@yahoo.co.in
3	1	Acoustic cues to manner of articulation of obstruents in Garhwali	MK Riyal	Research Scholar Department of Physics Government P.G. College Rishikesh Email: manoj.riyal@gmail.com Tel: 0135-2430495 Fax: 0135-2437544 Mob: 9411527950
4	1	Highly transparent and conducting Zinc Oxide thin films prepared by Sol-Gel	Vinod Kumar	Research Scholar Department of Physics Gurukula Kangari University Haridwar Tel: 01334212198 Mob: 9871273421 Email: vinod.phy@gmail.com
5	1	Electric field dependence of the curie temperature in the mixed crystal Ba _{1-x} Sr _x TiO ₃ (BCT)	Dushyant Pradeep	Research Scholar Department of Physics H.N.B. Garhwal University Campus Pauri Tel: 01368222040 Mob: 9997308849 Email: dushyant_pradeep@yahoo.co.in

6	1	Field dependent sound velocity change in PbTiO ₃ and KNbO ₃ ferroelectric perovskites	Talvinder Singh	<p>Research Scholar Department of Physics H.N.B. Garhwal University Campus Pauri</p> <p>Tel: 01368222040 Mob: 9634346740 Email: talv_inder@yahoo.co.in</p>
7	1	Effect of Dy substitution on multiferroic properties of bismuth ferrite	Poonam Uniyal	<p>Research Scholar Smart Material Research Laboratory Department of Physics Indian Institute of Technology Roorkee Roorkee - 247667</p> <p>Mob: 9837735263 Fax: 01332-237560 Email: uniyalpoonam@gmail.com</p>
8	1	Hadronic regge trajectories with quantized masses	Navjot Hothi	<p>JRF Department of Physics D.S.B. Campus Kumaun University Nainital - 263002</p> <p>Mob: 9761209427 TelFax: 05942-237450 Email: hothi.navjot@gmail.com</p>
9	1	Study of xCrFe ₂ O ₄ -(1-x)BiFeO ₃ multiferroic nanocomposite	Amit Kumar	<p>Research Scholar Smart Material Research Laboratory Department of Physics Indian Institute of Technology Roorkee Roorkee - 247667</p> <p>Mob: 9675982085 Email: amitk.master@gmail.com</p>
10	1	Excitation functions of ^{58,60} Ni(n,2n) reactions	Bhawna Pandey	<p>Research Scholar Department of Physics College of Basic Sciences & Humanities GB Pant Univ. of Agri. & Tech. Pantnagar, U.S.Nagar</p> <p>Mob: 9759413107 Email: bhawna.16p@gmail.com</p>
11	1	Effect of Pressure on Nanomaterial	Uma Devi Sharma	<p>Research Scholar Department of Physics College of Basic Sciences & Humanities GB Pant Univ. of Agri. & Tech. Pantnagar, U.S.Nagar</p> <p>Mob: 9454049844 Email: uma_sharma18@yahoo.com</p>

12	1	Effect of size on melting temperature of nanomaterials	R. Kumar	Research Scholar Department. of Physics G.B. Pant University of Agriculture and Technology Pantnagar-263145 Mob: 9759790479 Email: munish_dixit@yahoo.com
13	1	Structural characterization of nickel ferrite thin films irradiated with 200 MeV Ag ¹⁵⁺ beam	Gagan Dixit	SRF Department of Physics College of Basic Science and Humanities G.B. Pant University of Agriculture and Technology Pantnagar-263145 Email: gagandkshit@yahoo.in Mob: 9456553267
14	1	Energy transfer in Acriflamin-rhodamineb doped PVA film	Shweta Naithani	JRF Department of Physics H. N. B. Garhwal University Srinagar Mob: 9411510105 Email: pinkushweta@gmail.com
15	1	Excitation energy transfer between the dye pair fluorescein and rose bengal doped in poly vinyl alcohol (PVA)	Bhawna Khulbey	JRF Department of Physics S.S.J. Campus Kumaun University Almora Mob: 9412128785 Email: bhawna_83ntl@yahoo.com
16	1	Josephson Supercurrent across correlated superconductors -Quantum dot nano junction: A BCS mean-field approach	A.Dhyani	Faculty Member Department of Physics ICFAI University Dehradun Mob: 9411307225 Email: archana.d2003@gmail.com
17	2	Quaternion analyticity of time-harmonic field equations for dyons in homogeneous media	Jivan Singh	Visiting Lecturer Department of Physics LSM Govt. PG College Pithoragarh Email: jgaria@indiatimes.com Mob: 94123 44737 Fax: 05964 -224355

18	2	Energetics of solar photovoltaic home lighting systems of 37Wp modules in Uttarakhand	B. S. Rawat	Lecturer Department of Physics H. N. B. Garhwal University Srinagar Garhwal Mob: 9412921242 Email: park_bhupendra@hotmail.com
19	2	Excitation energy transfer between UO_2^{++} and HO^{3+} ions in zinc phosphate glass	Charu Chandra Dhondiyal	Lecture in Physics Govt.P.G.College Uttarkashi Tel: 01374-222148 Mob: 9412410977 Email: charu_dhondiyal@yahoo.co.in
20	2	Investigations on AB5-type hydrogen storage material with enhanced hydrogen storage capacity	Sumita Srivastava	Sr. Lecturer Department of Physics Govt.P.G.College Uttarkashi-249193 Tel/Fax: 01374-222148 Mob: 9456147401 Email: sumita_uki1@rediffmail.com
21	2	8-mJ, 1525 nm Diode-Pumped Nd:YAG Eye-Safe Laser	Kireet Semwal	Lecturer Department of Applied Sciences & Humanities G.B. Pant Engineering College Pauri Email: kireetsemwal@hotmail.com Mob: 9412003267, 9897510297
22	2	Study of multiferroic properties of $BiFeO_3$ - $BaTiO_3$ solid solution	Hemant Singh	Research Scholar Smart Material Research Laboratory Department of Physics Indian Institute of Technology Roorkee Roorkee- 247667 Mob: 9456135800 Email: hemantsinghparmar.uk@gmail.com
23	2	Geospheric effects of magnetic clouds	Amita Raizada	Lecturer Department of Physics DAV (PG) College Dehradun Mob: 9410367599 Tel: 0135-2743555, 2624587 Email: amita_raizada@rediffmail.com

24	2	Determination of various thermo-optical properties of some Zinc-Phosphate glasses	S.K. Joshi	Faculty Member Department of Physics ICFAI University Central Hope Town Rajawala Road Selaqui Dehradun Mob: 9412034458 Tel: 0135-2110142 Email: mail.skj@gmail.com
25	2	Supersymmetrization of SU(2)⊗SU(2) Gauge Field Theory for dyons	Vinod Singh	Lecturer Department of Physics Govt. P.G. College Gopeshwar Chamoli-246401 Mob: 9456533051 Email: vinodsingh_phy@yahoo.com
26	3	Variation in voice onset time in Garhwali Hindi speech database	RK Upadhyay	Senior Lecturer Department of Physics Pt. L.M.S. Government P.G. College Rishikesh-249201 Email: rku8@rediffmail.com, upadhyay_rajiv@yahoo.com Tel: 135-2430495 Fax: 0135-2437544 Mob: 9412972890
27	3	Laser action analysis of Neodymium ion in Silicate glasses	Y.K.Sharma	Reader Department of Physics Govt. P.G. College Rudrapur-263153 (U.S.Nagar) Tel/Fax: 05944-243586 Mob: 9412139799 Email: dryksharma@yahoo.com
28	3	Effect of proticity on the Photophysics of 8-Anilino-naphthalene-1-Sulphonate	Neeraj Tewari	Photophysics Lab. Dept. of Physics Kumaun University Nainital 263002 Mob: 9810941399 Off: 0120-2657900 Res: 0120-2642377, 05942-235902 Email: neeraj_ntl@yahoo.co.in

Physics -- POSTER				
sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address Contact Informations
1	1	Development of a for the detection of isoproturone and 2-4-D using MIP Technology	Manjul Mungali	Teaching Personnel Department of Biophysics College of basic Sciences and Humanities G. B. Pant University of Agriculture and Technology Pantnagar Mob: 9368092084 Email: manjul_zxz@yahoo.co.in, manjul_zxz@yahoo.com
2	1	Temperature dependent magnetic resonance study of nanosized zinc ferrite	Kamla Pandey	Research Scholar Department of Physics G. B. Pant University of Agriculture & Technology Pantnagar Email: pandey9k@gmail.com
3	1	Study of swift heavy ion irradiated nanosized zinc ferrite	Jitendra Pal Singh	Research Scholar Department of Physics College of Basic Sciences & Humanities GB Pant University of Agri. & Tech. Pantnagar, U.S.Nagar Email: jitendra_singh2029@rediffmail.com Mob: 9458269440
4	1	An empirical high pressure equation of State	Jeewan Chandra	Lecturer Department of Physics Uttaranchal Institute of Technology Premnagar, Dehradun TelFax: 0135-2773531 Mob: 9411539430 Email: jeewan25may@rediffmail.com
5	1	Field dependent specific heat of KTaO_3 ferroelectric perovskite	Gaurav Kr. Aggarwal	Department of Physics H N B Garhwal University Pauri Campus Pauri Email: gauravkagg@gmail.com
6	2	Energetics study of solar water heating system in Uttarakhand	K. Singh	SRF Department of Physics H. N. B. Garhwal University Srinagar Mob: 9410525437 Email: ksrphysics@gmail.com

7	3	Optical absorption and luminescence spectra of Samarium ion in Cadmium borate glasses	R.P. Joshi	Research Scholar Department of Physics Govt. P.G. College Rudrapur-263153 (U.S.Nagar) Mob: 9411370952 Tel: 05944-243586 Email: rpj108@gmail.com
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4th Uttarakhand State Science & Technology Congress -- 10-12th November, 2009 -- at GBPUAT, Pantnagar

Science & Society including Science Popularization -- ORAL

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Functional test for evaluating the performance of cricket bat	Seema Bhandari	Student Forest Product Division Forest Research Institute Dehradun - 248006 Email: seemabhandari14@gmail.com Tel: 0135-2746524 Mob: 9410571436
2	2	Empowering farmers through ICT enabled Agricultural Supply Chains in Uttarakhand	Sapna A. Narula	Asstt Professor College of Agribusiness Management G.B. Pant University of Agriculture & Technology Pantnagar Mob: 9997087101 Tel: 05944-234146 Email: narulasapna@gmail.com

4th Uttarakhand State Science & Technology Congress -- 10-12th November, 2009 -- at GBPUAT, Pantnagar

Veterinary Sciences & Animal Husbandry -- ORAL

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	Identification of meats of different food animals by polymerase chain reaction-restriction fragment length polymorphism (PCR-RFLP) of Mitochondrial Cytochrome-B gene using original primers	Deepak Kumar	M.V.Sc Scholar Department of Veterinary Public Health College of Veterinary & Animal Sciences G.B.Pant Univ. of Agri. & Tech. Pantnagar-263 145, U.S.Nagar Email: deepak_261983@rediffmail.com, deepak2june@gmail.com Mob: 9411547664 Tel: 0135-2451012
2	2	Effect of poly herbal formulation for the control of calf diarrhoea	Niddhi Arora	Asstt. Professor Department of Clinical Veterinary Medicine College of Veterinary & Animal Sciences GB Pant Univ. of Agri. & Tech. Pantnagar Tel: 05944 -233066 Fax: 05944-233473 Mob: 9412383798 Email: niddhi.arora@gmail.com
3	2	Molecular typing of <i>Pasteurella multocida</i> isolates using RFLP-PCR and RAPD analysis	Rashmi Singh	JRO Department of Veterinary Microbiology College of Veterinary & Animal Sciences GB Pant Univ. of Agri. & Tech. Pantnagar (U.S.Nagar) Email: madan_rs@rediffmail.com Tel: 05944 -235175, 233065 Fax: 05944-233473 Mob: 9897109963
4	2	Genetic characterization and evolutionary lineage analysis of Toll Like Receptor gene 7 of <i>Bos indicus</i> from Hill region of Kumaon, Uttarakhand	Malik YPS	Senior Scientist Division of Virology IVRI Mukteswar Campus Nainital 263138 Mob: 9410938913 Tel: 05942-286346, 286381 Fax: 05942-286347 Email: malikyps@yahoo.com

5	2	Production and analysis of immuno-potential of recombinant Om of <i>Pasteurella multocida</i> serotype B:2	M.K. Saxena	Assistant Professor College of Veterinary and Animal Sciences G.B. Pant University of Agriculture and Technology Pantnagar-263 145 Mob: 9458269455 Tel: 05944 -233255, 05944 -233002 Fax: 05944-233473 Email: mumtesh@rediffmail.com, mumtesh@gmail.com
6	3	<i>In vitro</i> evaluation of immunopotentiating and antioxidative / ameliorating effects of cow urine on zineb induced immunosuppression and oxidative stress in chicken lymphocytes	Sonu Ambwani	Assistant Professor Department of Molecular Biology & Genetic Engineering CBSH G.B. Pant Univ. of Agri. & Tech. Pantnagar - 263145 Mob: 9411320123 Tel- 05944 233898 Email: ambwani_sonu@rediffmail.com

Veterinary Sciences & Animal Husbandry -- POSTER

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	In vitro activity of some antibiotics against organisms isolated from milk samples of cows husbanded at high altitude of Uttarakhand	Dhiraj Kumar Gupta	Ph.D. Scholar Department of Clinical Veterinary Medicine College of Veterinary & Animal Sciences GB Pant Univ. of Agri. & Tech. Pantnagar Tel: 05944 233066 Fax: 05944-233473 Mob: 9258895677 Email: drdhirajvet@yahoo.co.in
2	1	Shank feathered local hill fowl production under backyard system for rural development and food security in Uttarakhand State	Navneet Kaur	Department of Livestock Production & Management College of Veterinary and Animal Sciences G.B. Pant University of Agriculture and Technology Pantnagar-263145 Email: navneet2253@rediffmail.com
3	2	Development of montage for electroencephalography in goats using multiple electrode system	Arun Kumar Madan	Assistant Professor Department of Veterinary Physiology College of Veterinary and Animal Sciences G.B. Pant University of Agriculture and Technology Pantnagar-263145 Tel: 05944233070, 05944235175 Fax: 05944-233473 Mob: 9412959382 Email: akumarmadan@yahoo.com
4	3	Adverse effect of Enrofloxacin therapy on Endometrium in crossbred cows suffering from Endometritis	J.K.Prasad	Assoc. Professor Department of Animal Reproduction, Gynaecology & Obstetrics College of Veterinary & Animal Sciences GB Pant Univ. of Agri. & Tech. Pantnagar, U.S.Nagar Tel: 05944 -233067 Mob: 9411329100 Email: jkprasad2001@yahoo.com

4th Uttarakhand State Science & Technology Congress -- 10-12th November, 2009 -- at GBPUAT, Pantnagar

Zoology -- ORAL

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization Address
				Contact Informations
1	1	A study on the bird Fauna of Garhwal Himalaya, Uttarakhand	Sunil Bhandari	Research Fellow Department of Zoology HNB Garhwal University Campus Pauri Mob: 9760500813 Email: sunil_bhandari83@yahoo.com
2	1	Influence of dam construction activity on the benthic macroinvertebrate communities in River Alaknanda (Garhwal Himalaya)	Anupama Negi	FA Freshwater Biology Unit Department of Zoology PO Box 60 HNB Garhwal University Srinagar Mob: 9410326337 Tel: 01370-267322 Email: anupamanci@gmail.com; manjuggusain@yahoo.co.in
3	1	Haematological changes in freshwater fish <i>Puntius chola</i> exposed to chlorpyrifos	Vinod Kumar Verma	Research Scholar Department of Fishery Biology College of Fisheries GB Pant Univ. of Agri. & Tech. Pantnagar Mob: 09336870770, 09336360516 Email: agnesv2008@gmail.com
4	1	Hydro-biological study of the Bhagirathi river before its impoundment for Tehri Dam Reservoir	Harpal Singh	Research Scholar Fish Reproduction and Conservation Biology Research Lab. Department of Zoology H.N.B. Garhwal Central University Badshahithaul Campus Tehri- 249199 Mob: 9627014129, 9358841382 Email: agarwalnareshk3@rediffmail.com
5	1	Avian diversity of the Mandakini valley (Western Himalaya) along the elevational gradient	Tribhuwan Chandra	UGC-Research Fellow Avian Diversity & Bioacoustics Lab. Dept. of Zoology & Environment Science Gurukula Kangri University Haridwar Tel: 01334-249082, 01334-244835, 01334-249082 Mob: 9837739277, 9410329547 Email: tribhuwan.chandra@gmail.com

6	1	Pathological alterations in liver and testis of albino rats exposed to Di-N-Butyl Phthalate	Mamta Joshi	Research Scholar DAV (P.G) College Dehradun Mob: 9927003996 Email: mamta_joshi13@rediffmail.com
7	1	Effect of herbal anthelmintics on serum protein and glucose of albino rats	Garima	Research Scholar Department of Zoology DAV (PG) College Dehradun Mob: 9997171812 Tel: 0135-2773148 Email: garimasharma@gmail.com
8	1	Insects pollination of apple in fruit orchards of district Nainital, Uttarakhand	Naveen C. Joshi	JRF (UCOST project) Department of Zoology and Environmental Sciences Gurukula Kangri University Haridwar -249404 Email: ncjoshi83@yahoo.com
9	1	Effect of exposure time on the mortality of <i>Cadra Cautella</i> (Walker) life stages infesting walnut exposed to high temperature	Manju Thakur	phD Scholar Department of Zoology Govt. PG College Rishikesh Mob: 9953204805 Tel: 0135-2121040 Email: manju.thakur@gmail.com
10	2	Influence of prey density on the predation potential and reproduction of an aphid biocontrol agent, <i>Coelophora saucia</i>	Ahmad Pervez	Lecturer Biocontrol Laboratory Department of Zoology Govt. Degree College Talwari - Tharali Chamoli Tel: 01363-277843 Mob: 9455038325 Fax: 01363-277843 Email: ahmadpervez@yahoo.com
11	2	Reproductive potential and survival success of Kaleej pheasant <i>Lophura Leucomelanos Hamiltoni</i> (gray) in Garhwal Himalaya, India	Suneet Kumar	Research Fellow Department of Zoology HNB Garhwal University Campus Pauri Mob: 9897273136, 9456557473

12	2	Toxic effect of water soluble fraction (WSF) of diesel on <i>Puntius Ticto</i>	Preeti Handa	Research Scholar Department of Zoology D.A.V (PG) College Dehradun Mob: 9410313630 Tel: 01334-265309 Email: preeti3sep@gmail.com, dkgupta2011@gmail.com
13	2	Incidence of trematode infection in the fishes of Doon valley	Mamta Pandey	JRF Department of Zoology D.A.V (PG) College Dehradun Mob: 9997185768, 9412382466 Tel: 0135-2103082 Email: mamta.pandey69@ymail.com, dkgupta2011@gmail.com
14	2	<i>Eupterote Undata</i> - A defoliator affecting the poplar cultivation in Northern India	Rinki Ghosh	Research Scholar Division of Forest Entomology Forest Research Institute PO- New Forest Dehradun Mob: 9259060762, 09369251180 Tel: 0135-2224282 Fax: 0135-2756865 Email- rinkighosh09@gmail.com
15	2	Malaria incidence and its determinants in Garhwal Himalaya	N. Pemola Devi	Lecturer Department of Zoology D.B.S.(P.G.) College Dehradun Mob: 9456500901 Tel: 0135-2748548 Email: npmola@rediffmail.com, jauharirk@hotmail.com
16	2	Cr (VI) toxicity and its amelioration by anti-oxidants in laboratory rats	Dharmendra Kumar	Department of Zoology Govt. P.G. College Lohaghat – 262524 Champawat Mob: 9412032748
17	2	Ecological status of agriculturally impacted lesser Himalayan streams in Uttarakhand	Asheesh Shivam Mishra	Project Fellow Department of Zoology H.N.B. Garhwal University Srinagar Mob: 9997868574 Tel/Fax: 01370-267384 Email: shivam_a2000@yahoo.co.in

18	2	Diversity and conservation of ichthyo-fauna of Tehri Garhwal, Uttarakhand (Western Himalayas), India	Devi Prasad Uniyal	Scientific Officer Uttarakhand State Council for Science and Technology 33, Vasant Vihar, Phase-II Dehradun Mob: 9837862069 Email: dpuniyal_net@rediffmail.com
19	2	Importance of hypoheric zone in balancing a riverine ecosystem	Manisha Uniyal	Lecturer Department of Zoology Shri Guru Ram Rai (PG) College Dehradun Mob: 9837862069 Email: muniyal9@rediffmail.com
20	3	A study on social behaviour of threatened Cheer Pheasant <i>Catreus Wallichii</i> (Hardwickie) in Garhwal Himalaya, Uttarakhand	M.S. Bisht	Reader Department of Zoology HNB Garhwal University Campus Pauri Mob: 94111 27701 Tel: 01368-222275 Email: bisht_msgwl@rediffmail.com
21	3	Maintenance of mulberry silkworm germplasm in Uttarakhand : A prerequisite for promotion & adoption of silkworm hybrids' technology	Pankaj Tewary	Scientist C Regional Sericultural Research Station Central Silk Board Ministry of Textiles Govt. of India Sahaspur– 248197 Tel: 0135-2697582, 2110072 Fax: 0135-2697383 Mob: 9411110669 Email: drpankajtewary@gmail.com
22	3	Diatoms of the Doon valley (Uttarakhand)	Rachna Nautiyal	Senior Lecturer Zoology Department Govt. PG College Dakpathar, Vikasnagar Dehradun, 248125 Tel: 01360222202, 01360221566 Fax: 01360-221566 Mob: 9412057391 Email: nautiyaldrachna@rediffmail.com, rachnanautiyal@ymail.com

23	3	Amalgamation of sericulture with dairy – Industry: A step towards economic prosperity for farmers in Uttarakhand	Alok Gautam	Deputy Director Regional Sericultural Research Station Central Silk Board, Min. of Textiles (Govt. of India) Sahaspur – 248 197 Dehradun Mob: 9412008453 Tel: 0135-2697582, 2621888 Fax: 0135-2697582 Email: jauharirk@hotmail.com, swati_sri0210@yahoo.co.in, nkb1123@rediffmail.com
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Zoology -- POSTER

sno	Category	Title of Abstract	Author's Name *	Author's Affiliation/Organization
				Address Contact Informations
1	1	Importance of exotic fish on social and economical development of peoples of Uttarkashi	M. Bartwal	Ph.D. Scholar Department of Zoology Govt. P.G. College Uttarkashi- 249193 Tel: 01374223725 Mob: 9410596594 Email: maneesh31803@gmail.com, ambgan99@gmail.com
2	1	Impact of NaF toxicity on male albino rats to determine the acute toxic dose	Smita Tiwari	Research Scholar DBS (PG) College Dehradun Email: ctiwari_1983@rediffmail.com Mob: 9027816250, 9412059710
3	1	New records of ladybirds (Coccinellidae) from district Haridwar, Uttarakhand, India	Pushpendra K. Sharma	Lecturer Department of Zoology D.A.V. (P.G.) College Dehradun Mob: 9410164962 Email: pushp_phd@yahoo.com
4	2	Occurrence of ectoparasites in Indian major carp <i>Labeo Rohita</i> (Ham.) from Song river at Raiwala, Haridwar	Jayti Upadhayay	Project Fellow (UGC) Department of Zoology D.A.V. (P.G.) College Dehradun Mob: 9415685068 Tel: 0135-2748548 Email: jauharirk@hotmail.com
5	3	Studies on Mulberry pest- A report on incidence of leaf feeder (<i>Mimastrea</i> species) in Uttarakhand State	H Chandra	Scientist C Regional Sericultural Research Station Central Silk Board, Sahaspur Dehradun- 248197 Mob: 9410139518 Fax: 0135-2697582 Email: drhc@rediffmail.com

6	3	River based propagation of snowtrout (<i>Schizothorax richardsonii</i>) through artificial fertilization and in-situ hatching	N. K. Agarwal	Reader Department of Zoology Fish Reproduction and Conservation Biology Res. Lab. HNB Garhwal Central University Badshahithaul Campus Tehri- 249199 Tel: 01376-254114 Mob: 9412987440 Email: agarwalnareshk3@rediffmail.com
7	3	Occurrence of a snail borne disease, cercarial dermatitis (swimmer's itch) in Doon valley	R.K. Jauhari	Head Department of Zoology D.A.V. (P.G.) College Dehradun Mob: 9412178163 Tel: 0135-2748548, 2788341 Email: jauharirk@hotmail.com
8	3	Fertility regulating effect of hibiscus rosa sinenses on male and female albino rats (<i>Rattus rattus norvegicus</i>)	S.P.Singh	Reader Department of Zoology D.B.S. (PG) College Dehradun Email: drshivpalsingh@yahoo.com
9	3	Evaluation of anthelmintic properies of extracts from some plants used as livestock dewormers	Shashi K. Solanki	Reader Department of Zooogy DAV (PG) College Dehradun Mob: 9412918833 Tel: 0135-2746710 Email: solanki_shashi@rediffmail.com
10	1	Faecal analysis to determine the pest habit of chukar partridge <i>Alectoris Chukar</i> (gray)	Manish Kukreti	Research Fellow Department of Zoology HNB Garhwal University Campus Pauri Mob: 9997403632, 9456532728 Email: manish_kukreti80@yahoo.com
11	1	Further taxonomical notes on <i>Chagunius chagunio</i> from Doon valley	Deepali Rana	JRF, U-COST Project Department of Zoology D.B.S. (P.G.) College Dehradun Tel: 0135-2745183, 2654757 Email: deepalirana468@gmail.com

12	1	Human - Elephant conflict in Rajaji National Park	Manjari Malviya	M.Sc. Student Forest Research Institute Dehradun Fax: 0135-2756865 Mob: 9410154011 Email: bigcats_love@yahoo.co.in
13	2	The study of Silica induced toxicity on reproductive organs of male and female albino rats and its prevention by vitamin E and vitamin C	Shruti Saxena	D.B.S (PG) College Dehradun Mob: 9411728164, 9997705658 Email: shruti_dsp@yahoo.com
14	2	Bioecology of a pulmonate snail <i>Physa Acuta</i> Draparnaud (Mollusca: Gastropoda) in Doon valley, Uttarakhand	Rakesh Rai	Research Scholar Department of Zoology D.A.V.(P.G.) College Dehradun Mob: 9456316399 Email: rakrai17@yahoo.co.in, jauharirk@hotmail.com
15	2	Diversity of earthworm species in the four district of Garhwal, the Western region of the greater Himalayas	Hem Prasad Subedi	Research Scholar Department of Zoology DAV (PG) College Dehradun Mob: 9358101001 Email: hem_subedi2003@yahoo.co.in
16	3	Phthirapteran ectoparasitic fauna of Uttarakhand, India	Suneel Kumar Singh	Lecturer Department of Biotechnology Modern Institute of Technology Dhalwala Rishikesh – 249 201 Tel: 0135 - 2435220 Fax: 0135 – 2439060 Mob: 9897459197 Email: drsuneelkumarsingh@yahoo.co.in
17	3	Role of extension programme for pisciculture development- A case study	Kum Kum Shah	Sr. Lecturer Department of Zoology L.S.M. Government Post graduate College Pithoragarh-262502 Mob: 9412926755, 9897105146 Tel: 05964-264029 Email: shah_kk@rediffmail.com