

**FACULTY
DEAN
DEPARTMENT
Chairperson**

**LIFE SCIENCES
PROF. ASHOK AGGARWAL
BOTANY
Prof. Ashok Aggarwal**

Professors	(i) Dr. Ashok Aggarwal, Ph.D., (ii) Dr. Narender Singh, Ph.D., (iii) Dr. B.D. Vashistha, Ph.D.
Associate Professors	(i) Dr. Neelu Sood, Ph.D., (ii) Dr. C.B.Singh, Ph.D.
Assistant Professors	(i) Dr. Somveer Jakhar, Ph.D., (ii) Dr. Yogesh Kumar, Ph.D.

Students

Class	Boys	Girls	Total
M.Sc.Ist Sem.	10	51	61
M.Sc.IIrd Sem.	14	45	59
P.G. Dip.in Floriculture (Evening)	04	13	17
Total	28	109	137

**Research Work
Ph.D. Awarded**

Name of Scholar	Title of Thesis	Name of Guide	Month & Year of Award
Shivani Verma	Studies on in Vitro Propagation of Hemidesmus indicus (L.) R.Br. and Uraria Picta (JACQ.)DC	Dr. B.D. Vashistha	April, 2017
Pooja Rani	Vase Life and Post Harvest Studies on Gibberellin Pretreated Bulbs of Tuberose (Polianthes Tuberosa L.) and Gladiolus (Gladiolus Hortulanus L.)	Dr. Narender Singh	April, 2017
Vandita Mittal	Molecular Studies on Drought Tolerance in Wheat (Triticum Aestivum L.)	Dr. Narender Singh	May, 2017
Mandeep Kaur	Angiospermic Species Diversity in Ambala, Haryana	Dr. B.D. Vashistha	September, 2017
Ravinder Kaur	Angiospermic Species Diversity in Karnal, Haryana	Dr. B.D. Vashistha	September, 2017
Savita Rani	Antibacterial and Antifungal Activity of In Vitro and in Vivo Raised Plants of Calotropis Procera and Calotropis Gigantea	Dr. Neelu Sood	September, 2017
Priyanka Pal	Studies of Gibberellic Acid and Potassium on Parthenocarpic Cucumber (Cucumis Sativus L.)	Dr. Narender Singh	July, 2017

Navnita	Studies on Endomycorrhizal Association of Some Leguminous Plants Under Salinity and Water Stress	Dr. Ashok Aggarwal	October, 2017
Rameshwar Groach	Studies on Micropropagation of Saussurea Lappa (Decne.) Clarke	Dr. Narender Singh	October, 2017
Meenakshi Sheokand	Influence of Some Plant Growth Regulators on Growth and Development in Soyabean (Glycine Max (L.) Merrill	Dr. Somveer Jakhar	December, 2017
Jasmine	Antibacterial and Antifungal Activity of in Vitro and in Vivo Plants Extracts of Thevetia Peruviana from Polluted and Non-Polluted Sites.	Dr. Neelu Sood	December, 2017

Research Contribution of Teaching Staff

Name of Teacher	Topic/Field of Research	Journal/Book
Dr. Narender Singh	Evaluation of Genetic Fidelity Among Micropropagated Plants of Salvadora. Persica L. using DNA-based Markers.	Meta Gene, 14: 129-133
	Impact of Phosphorus and Biofertilizer Applications on Leghaemoglobin Content, Nitrate Reductase and Nitrite Reductase Activity in Nodules of Common Bean (Phaseolus Vulgaris L.) under Intercropping with Maize (Zea mays L.)	International Journal of Current Trends in Science and Technology. 7:20202-20207
	Saffron Crop (Golden Crop) in Modern Sustainable Agriculture Systems	International Journal of Current Trends in Applied Science & Engineering Technology 5:247-259
	Efficacy of Polyethylene Glycol (Peg) Induced Drought on Germination Indices and Photosynthetic Pigments of Sweet corn var. NSC-901B.	Asian Journal of Bioscience 12,185-188.
	Salt Stress Induced Changes in Germination Seedling Growth and Photosynthetic Pigments of Sweet Corn(Zea mays L.)	Research Highlights 3:20-25.
Dr. Ashok Aggarwal	Nutritional Quality Characteristics Different Wild and Underutilized Fruits of Terai Region, Uttarakhand	International Journal of of Fruit Science 17:1,72-81.

Dr. Ashok Aggarwal	Arbuscular Mycorrhizal Fungi Enhance Growth, Physiological Parameters and Yield of Salt Stressed Phaseolus Mungo (L.) Hepper.	European Journal Environmental Science 7 (1): 5-13
	Role of Potassium and Arbuscular Mycorrhizal Fungi in Alleviation of Water Stress on Vigna Mungo.	Environmental and Experimental Biology 15: 15-24.
	Saksenaea Vasiformis Revisited after 64 Years.	Kavaka, 48:1-5
	Professor Shyam Bahadur Saxena Birth Centennial Year Tribute	Kavaka, 48:5-9
	Mass Multiplication of Arbuscular Mycorrhizal Fungi In:Mycorrhizal fungi(Eds)	Daya Publishing House Astral International Pvt. Ltd., New Delhi, p. 157-176
	Molecular Mechanisms and Events coupled with Mycorrhizal Symbiosis In:Mycorrhizal fungi(Eds)	Daya Publishing House Astral International Pvt. Ltd., New Delhi, p. 157-176
	Significant Contributions of Professor S.B. Saxena to Indian Mycology In:Development in Fungal Biology and Applied Mycology (Eds)	Springer SBM, Singapore Pvt. Ltd., Pp. 1-17
	Effect of Temperature and pH on the Growth of Fusarium spp. Causing Fusarium Head Blight (FHB) in Wheat	South Asian Journal of Experimental Biology Vol 6, No. 5: 186-193
	Distribution Dynamics of Fusarium spp Causing Fusarium Head Blight (FHB) in Wheat at Different Geographical Locations in India	South Asian Journal of Experimental Biology Vol 6, No 5:167-177
	Effect of Conservation Tillage on Crop Residue Decomposition and Nitrogen Release in a Tropical Agricultural System in North-western India.	Annals of Agri-Bio Research, vol 22, No 2: 162-169
	Mycorrhizal Fungi	Daya Publishing House Astral International Pvt. Ltd., New Delhi, ISBN-978-93-86071-79-8 (International Edition)
	Plant Pathology, 3 rd Edition	Mc Graw Hill Education (India) Pvt. Ltd. Chennai, ISBN-10:93-5260-705-8
	Plant Bio-Technology and Genetic Engineering	Prentice Hall India, pp. 456

Dr. B.D. Vashistha	Floristic Diversity and Ethnobotanical Studies on Some of Southern Haryana-1: Bhiwani District	Bull.Env. Pharmacol. Life Sci., Vol 6[2]:16-23
	Floristic and Ethno-Botanical Studies on Some Parts of Hisar District of Haryana, India	Bull.Env. Pharmacol. Life Sci., Vol 6[2]:16-23
	In Vitro Propagation of <i>Tinospora cordifolia</i> : An efficient and rapid multiplication Protocol of a valuable Medicinal Plant.	Lambert Academic Publishing, Germany
	Ethnobotanical Survey of Traditional Medicine Practice to Treat Digestive Disorders of Gurugram District, Haryana, India.	International Journal of Development Research Vol, 07(11):16623-16626
	Effects of Heavy Metals on Protonemal Growth and Bud Formation in the Moss <i>Hydrogonium Arcuatum</i> .	Agric. Sci. Digest., 37(2): 117-121.
Dr. Neelu Sood	Comparison of Extension Efficiency of Aqueous And Methanolic Extracts From Plant Tissues and Callus Cultures of <i>Calotropis Procera</i> and <i>Calotropis Gigantea</i>	Plant Tissue Culture & Biotechnology. Vol 27 (2):171-180.
	Comparison of Intensity and Percolation of Traditional Knowledge of <i>Calotropis Procera</i> and <i>Calotropis Gigantea</i> in Rural Area of Kurukshetra District, Haryana-a Survey.	Journal of Medicinal Plants Studies. Vol 5(2):36-38
	Diffusion and Denudation Pattern of Ethnomedicinal Knowledge in Rural and Urban Kurukshetra: A Case Study.	Trends in Plant Sciences 1st ed. Books Arcade Pp-112-120
	A Novel Approach for Studying Antitermite Efficacy of Different Extracts of <i>Thevetia Peruviana</i> from Polluted and Non-polluted Sites.	Journal of Pharmaceutical Research International Vol 20(2): 1-9
	Holistic Strategies for Economic upliftment-Assign Role to Wastelands and Harvest Pollution for Sustainability	Books Arcade chapter 2 pp 4 to 8 ISBN-978-93-86932- 03-7
	Botanical Gardens for Future Conservation of Germplasm Reservoirs	Books Arcade Chapter-18 pp-142-148 ISBN-978-93-86932-20-4
	Improving Chickpea Performance by Exogenously Applied Salicylic Acid Under Salt Stress-Changes in Biochemical Aspects and Antioxidant Enzymes	Indian Journal of Plant Sciences ISSN: 2319-3824(Online) 2017 Vol.6(2) April-June, pp. 106-118
Dr. Somveer Jakhar		

Dr. Yogesh Kumar

Proteomics of Barley Grains Under
Varying Salinity Levels

Journal of Proteins and Proteomics
8(1), 2017, pp.49-63 NAAS-4.55

Lectures/Seminar/Conferences/Congresses etc. arranged in the Department

The department organized 'Swarna Jayanti National Conference on Biodiversity and Sustainable Utilization of Plant Resources' on February 17-18, 2017 where more than 500 participants participated.

Lectures Delivered in Seminar/Conferences/Congresses etc. of attended by the Department Teachers Outside the Department

Name of Teacher	Name of Conference/ Seminar	Place and Date	Topic of Lecture
Dr. Neelu Sood	Climate Change and Agriculture Impact and Adaptation Strategies in Haryana'	M.D.U. Rohtak, February 06-07, 2017	Holistic Strategies for Economic Upliftment Assign Role to Wasteland and Harvest Pollution for Sustainability
	'A Global Status at XXII QIP At DIPSAR'	New Delhi, February 27, 2017	Women Plant Holders
	Biodiversity: Status and Significance'	M.D.U. Rohtak March 21, 2017	Harvest from Pollution Chaired Technical Session-II

Noteworthy Achievements :

Dr. Neelu Sood

Haryana Punjabi Sahitya Academy Award for story writing competition on 17th March, 2017 at Panchkula,

DEPARTMENT Chairperson

Professor

Assistant Professors

ZOOLOGY Prof. R.K. Sharma

(i) Dr. R.K. Sharma, Ph.D.,

(i) Dr. Anita Bhatnagar, Ph.D., (ii) Dr. Anil Kumar Tyor, Ph.D.,
(iii) Dr. Deepak Rai Babbar, Ph.D., (iv) Dr. Jitender Kumar Bhardwaj, Ph.D.

Students

Class	Boys	Girls	Total
M.Sc.(P) Zoology	12	45	57
M.Sc. (F) Zoology	08	48	56
M.Sc. (P) Forensic Science	08	18	26
M.Sc. (F) Forensic Science	03	25	28
Total	31	136	167

Research Work Ph.D. Awarded

Name of Scholar	Title of Thesis	Name of Guide	Month & Year of Award
Ritu	Role of Probiotics and Immunostimulants in Feeds of <i>Cirrhinus Mrigala</i> (Hamilton) for Sustainable Aquaculture	Dr. Anita Bhatnagar	January, 2017
Manjeet Kaur	Fish Culture in Paddy Fields and Genotoxic Effect of Paddy Agrochemicals on Fish	Dr. Anita Bhatnagar	March, 2017
Ms. Pooja Devi	Environmental Impact of Religious Activities on Prominent Water Bodies of Haryana	Dr. Anita Bhatnagar	September, 2017
Ms. Parmila Devi	Ecological Study of Bhakra Yamuna Link Canals in the Narwana Region, Haryana	Dr. Anil Tyor	January, 2017

Research Contribution of Teaching Staff

Name of Teacher	Topic/Field of Research	Journal/Book
Prof. R.K.Sharma	Bisphenol-A induced Damage in Testicular Structure and Its Amelioration by Vitamin E and <i>Tinospora Cordifolia</i> .	Der Pharmacia Lettre. Vol: 9(8), 57-63.
	Ameliorative Effects of Phytoandrogen and Antioxidant on Histoarchitecture of Permethrin Induced Changes In Goat Testis	International Journal of Pharmacy and Pharmaceutical Sciences. Vol: 9(11), 183-187.
	Alterations in Phosphatases and Antioxidant Enzymes' Activity in Follicular Fluid and Granulosa Cells During Follicular Atresia in Goat (<i>Capra hircus</i>) Ovary	J. Adv. Zool. 2017: 38(2): 154-163

Dr. Anita Bhatnagar	Molecular Characterization and Dosage Application of Autochthonous Potential Probiotic Bacteria in <i>Cirrhinus Mrigala</i>	J of Fisheries Science.com J FisheriesSciences.com 11(2):046-056
	Assessment of Microbiological Characteristics of Lentic Water Bodies With Religious Activities: A Multi-location Study in Haryana, India.	International Journal of Applied Biology and Pharmaceutical Technology, 8(2):59-67.
	Alterations in Haematological and Biochemical Profile of Freshwater Fish, <i>Cirrhinus Mrigala</i> (Hamilton) Exposed to Sub-Lethal Concentrations of Chlorpyrifos.	Journal of Nature Environment and Pollution Technology. Accepted for Publication in Vol. 16, No. 4 (December), Year 2017
	Evaluation of Optimum Protein Requirement and Cost Effective Eco-friendly Source for <i>Labeo calbasu</i> (Hamilton, 1822).	Journal of Fisheries and Aquatic Science. 12(6):273-283.
Dr. Anil Kumar Tyor	Intestinal Enzyme Activities, Carcass Biochemical Composition and Growth Performance Evaluation of <i>Cirrhinus mrigala</i> Fed on Heat Processed Soybean (<i>Glycine max</i>) Supplemented Diets.	Archives of Agriculture and Environmental Science 2(4): 264-269.
	Ovarian Development of African Sharptooth Catfish (<i>Clarias Gariepinus</i> , Burchell 1822) from Delhi Segment of River Yamuna.	Journal of Fisheries and Aquatic Science. 12(3): 117-126.
	Pollutants Induced Oxidative Stress, DNA Damage and Cellular Deformities in <i>Clarias gariepinus</i> (Burchell) from River Yamuna in Delhi Region, India.	Bulletin of Environmental Contamination and Toxicology. 99(1): 33-38.
Dr. Deepak Rai Babbar	Avian Diversity of Basai Wetlands, Haryana (India): An IBA Site.	J. Exp. Zool. India, 20 (1): 109-117.
	Avifaunal Status of Kalesar National Park, Haryana (India).	J. Exp. Zool. India, 20 (2): 827-833.
	Status of Migratory Avifaunal Diversity of Basai Wetland, Haryana (India).	J. Exp. Zool. India, 20 (2): 981-985.
	Avian Diversity and Their Status in and Around Bhindawas Bird Sanctuary, Haryana (India).	J. App. Nat. Sci., 9 (3): 1475-1481.
Dr. Jitender Bhardwaj	N-Acetyl Cysteine-Mediated Effective Attenuation of Methoxychlor-Induced Granulosa Cell Apoptosis by Counteracting Reactive Oxygen Species Generation in Caprine Ovary	Environ Toxicol, 32 (1): 156-166.
	Morphological Attributes of Granulosa Cells Perpetuating Functional Integrity of An Ovarian Follicle	J. Adv. Microsc. Res, 12, 92-96.

Dr. Jitender Bhardwaj	Pesticides Induced Infertility: Targeting Ovarian Granulosa Cells	Organic & Medicinal Chemistry IJ. 4(2): 1-4. DOI:10.19080/OMCIJ.2017.04.555633
	Design, Synthesis, and Screening of Triazolopyrimidine–Pyrazole Hybrids as Potent Apoptotic Inducers	Arch. Pharm. Chem. Life Sci. 350, e1700137
	Multicomponent Synthesis of Some Molecular Hybrid Containing Thiazole Pyrazole as Apoptosis Inducer	Drug Res. doi.org/10.1055/s-0043-116947
	Male Infertility Owing to Pesticide Poisoning and Antioxidant Induced Amelioration	J Cell Tissue Research, 17(3) 6307-6314
	Alterations in Phosphatases and Antioxidant Enzymes' Activity in Follicular Fluid and Granulosa Cells During Follicular Atresia in Goat (Capra hircus) Ovary	J. Adv. Zool. 2017: 38(2): 154-163

Lectures/Seminar/Conferences/Congresses etc. arranged in the Department

UGC-SAP sponsored National Seminar on 'Challenges in sustainable management of natural resources' Organized by Department of Zoology, Kurukshetra University, March, 24-25, 2017.

Dr. S.S. Hundal Prof. and Head, Department of Zoology, PAU Ludhiana delivered a lecture on the topic Biodiversity on October 30, 2017.

Lectures Delivered in Seminar/Conferences/Congresses etc. of attended by the Department Teachers Outside the Department

Name of Teacher	Name of Conference/ Seminar	Place and Date	Topic of Lecture
Prof. R.K.Sharma	Invited Lecture	R.K.S.D. PG College, Kaithal	Contribution of India in Science
	National Seminar on Reproductive Health Advances for Adolescents	Punjab Agriculture University, Ludhiana, September 8, 2017	Basics of Reproduction in Human
Dr. Anita Bhatnagar	Fish Farmers Training Programme	Fish Seed Farm, Jyotisar, Haryana	Fish Farmers Training Programme
Dr. Deepak Rai Babbar	Indian Science Congress Association	S.V. University, Tirupati, January 3-7, 2017	Status of Avian Haryana (India).
	Swarna Jayanti National Conference on Biodiversity and Sustainable Utilization of Plant Resources	Department of Botany, Kurukshetra University, Kurukshetra.	Avifaunal Monitoring Haryana (India).

Dr. Deepak Rai Babbar	Swarna Jayanti National Conference on Biodiversity and Sustainable Utilization of Plant Resources	Department of Botany, Kurukshetra University, Kurukshetra.	Conservation Status Haryana (India).
		CCSHAU, Hisar and Kisan Kender, Kurukshetra August 4 - 5, 2017	(i) Management of Vertebrate/ Rodent Pests (ii) Symptoms of Accidental Poisoning and Antidotes
Dr. Jitender Bhardwaj	104th Indian Science Congress	SV University, Tirupiti, January 3-7, 2017	N-Acetyl-L-Cysteine Attenuated Methoxychlor Induced Granulosa Cell Apoptosis in Ovarian Antral Follicles
	International Health Conference 2017	University of Oxford, U.K. June 29 – July 1, 2017	Anti-Apoptotic Responses of N-Acetyl-L-Cysteine Against Methoxychlor Induced Granulosa Cells Apoptosis in Caprine Antral Follicles In Vitro

DEPARTMENT Chairperson

Professor

Associate Professors

Assistant Professors

Students

BIO-CHEMISTRY Prof. Ashok Aggarwal

Dr. V. K. Gupta, Ph.D.

(i) Dr. Jasbir Singh, Ph.D., (ii) Dr. Suman Singh, Ph.D.

(i) Dr. Ranjan Gupta, Ph.D., (ii) Dr. Vinita Bhankar, Ph.D.

Class	Boys	Girls	Total
M.A.(P)	11	42	53
M.A.(F)	08	42	50
Total	19	84	103

Research Work Ph.D. Awarded

Name of Scholar	Title of Thesis	Name of Guide	Month & Year of Award
Preeti	Studies of β -Galactosidase and Proline Iminopeptidase from Lactic Acid Bacteria	Dr. Suman Dhanda	March, 2017
Rajeev Kawatra	A Study of Genetic Variation in DNA Profiling Among Different Endogamous Population Groups of Haryana, India	Dr. Suman Dhanda	April, 2017
Simaranjot Kaur	Bacterial Pectinase: Production, Purification, Immobilization and Industrial Applications	Dr. V.K.Gupta	October, 2017

Research Contribution of Teaching Staff

Name of Teacher	Topic/Field of Research	Journal/Book
Dr. V.K.Gupta	Production of Pectinolytic Enzymes Pectinase and Pectin Lyase by Bacillus subtilis SAV-21 in Solid State Fermentation.	Annals of Microbiology DOI 10.1007/s13213-017-1264-4.
Dr. Jasbir Singh	Potential of Plant's Dipeptidyl Peptidase I and II Homologs in Generation of ACE Inhibitory Peptides	International Journal of Peptide Research and Therapeutics (2017), 23(1):81-90
	An Evolutionary Analysis of Cluster of Differentiation (CD24) Gene. A Rapid and Accurate Genotyping Strategy of Hepatitis B Virus using a Fragment of DNA Polymerase Gene in Isolates from Northern-west Region of India	Annals of Biology (2017), 33(2); 211-214. Annals of Agri-Bio Research (2017). 22(2); 121-127

Dr. Suman Dhanda	Mechanistic Insight of Probiotics Derived anti Cancer Pharmaceuticals: A Road Forward for Cancer Therapeutics.	Nutrition and Cancer, 2017 375-380, 69(3).
	Extraction, Purification and Characterization of Low Molecular Weight Proline Iminopeptidase from Probiotic L. Plantarum for Meat Tenderization	Int. J. Biol. Macromolecules DOI: 10.1016/j.ijbiomac.2017.12.092
Dr. Ranjan Gupta	Phenotypic and Genotypic Characterization of Antioxidant Enzyme System in Human Population Exposed to Radiation from Mobile Towers	Molecular and Cellular Biochemistry DOI: 10.1007/s11010-017-3150-6
	Ameliorative Effect of Eugenol and Anethole Induced Oxidative DNA Damage in Cultured Human Peripheral Blood Lymphocytes.	International Journal of Pharmaceutical Science And Drug Research.9(3): 134-138

Lectures Delivered in Seminar/Conferences/Congresses etc. of attended by the Department Teachers Outside the Department

Name of Teacher	Name of Conference/ Seminar	Place and Date	Topic of Lecture
Dr. Jasbir Singh	International Conference on Cellular and Molecular Biology	Toronto, Canada, June 15-16, 2017	Single Nucleotide Polymorphism {A>C} at Codon 145 of LMP 7 Gene and Haplotype II (LMP 2 "C" and LMP 7 "C") are Significantly Associated with Protection from Hepatitis B Virus Infection in North Indian Population
Dr. Ranjan Gupta	National Conference on "Strategies to Mitigate the Effect of Climate Change: Steps Towards Sustainable Development"	Maharaja Agrasen University, School of Basic and Applied Sciences, Baddi, Himachal Pradesh., December 9, 2017	(i) Linking Exposure To Polyaromatic Hydrocarbons with Human Health in Occupational Workers. (ii) Chaired the Technical Session and Participated In Judgement of Posters

Noteworthy Achievements :

Dr. Jabir Singh was awarded best poster presentation award for the paper presented in 19th International Conference on Cellular and Molecular Biology held on 15-16th June, Toronto, Canada.

DEPARTMENT Chairperson

BIO-TECHNOLOGY Prof. Anita Yadav

Professors

(i) Dr. Anita Yadav, Ph.D., (ii) Dr. Jitender Sharma, Ph.D.,
(iii) Dr. Rishi Pal Mandhan, Ph.D., (iv) Dr. Ritu Mahajan, Ph.D.

Assistant Professors

(i) Dr. Raman Saini, Ph.D., (ii) Dr. Sunita Dalal, Ph.D.
(iii) Dr. Bindu Battan, Ph.D., (iv) Dr. Sulekha Chahal, Ph.D.,
(v) Dr. Sanjeev Gautam, Ph.D. (on Forced Leave)

Students

Class	Boys	Girls	Total
M.Sc. (P)	02	35	37
M.Sc. (F)	09	28	37
Total	11	63	74

Research Work Ph.D. Awarded

Name of Scholar	Title of Thesis	Name of Guide	Month & Year of Award
Prabhjot Kaur	Production of Dissolving Grade Pulp from Paper Grade Pulp By Using Enzyme	Dr. Jitender Sharma	September, 2017
Sharad Agrawal	Production and Industrial Aspects of Xylano-Pectinolytic Synergism from a Bacterial Isolate	Dr. Ritu Mahajan	October, 2017
Anil Khuttan	Studies on Amniotic Fluid Stem Cells (AFS) in Sheep (Ovis Aries)	Dr. Raman Saini & Dr. Birbal Singh	November, 2017

Research Contribution of Teaching Staff

Name of Teacher	Topic/Field of Research	Journal/Book
Prof. Anita Yadav	Phenotypic and Genotypic Characterization of Antioxidant Enzyme System in Human Population Exposed to Radiation from Mobile Tower.	Molecular and cellular Biochemistry (2017) DOI 10.10.7/511010-017-3150-6
	Ameliorative Effect of Eugenol and Anethole on Arsenic Induced Oxidative DNA Damage in Cultured Human Peripheral Blood Lymphocytes	International Journal of Pharmaceutical Sciences and Drug Research;9(3):134-138
	Studies on Antigenotoxic Effects of Piperine using Sister Chromatid Exchange Assay	Annals of Agri Bio(2017) 22(2):127-130
	Enzymatic saccharification of Preheated Rice Straw by Cellulases from Aspergillus Niger BK01	3 Biotech (2017) 7 (3) :1-10

Prof. Anita Yadav	Evaluation of Ligninolytic Activity of Fungal Pathogens Isolated from Pathenium Weed.	Advances in Zoology and Botany 4(2): 23-29.
Prof. Jitender Sharma	Efficiency of Different Commercial Ce;Llulases to Improve Reactivity of Mixed Hardwood Kraft Pulp.	Appita Journal 70(3) : 260-271
	Pantosan Reduction from Mixed Hardwood Kraft Pulp with Alkali Treatment and Its Statistical Optimization	Ligno Cellulose 6(1) 23-35
Prof. Rishi Pal Mandhan	Cost-effective Screening and Isolation of Xylano-cellulolytic Positive Microbes from Termite Gut and Termitarium	3 Biotech June 2017,7:108
Prof. Ritu Mahajan	Cost- effective and Concurrent Production of Industrially Valuable Xylano-pectinolytic Enzymes by a Bacterial Isolate Bacillus Pumilus AJK.	Preparative Biochemistry and Biotechnology 47(1):8-18
	Improved Efficacy of Ultrafiltered Xylanase-pectinase Concoction in Biobleaching of Plywood Waste Soda Pulp.	3 Biotech 7:2.
	Cost-effective Screening and Isolation of Xylano-cellulolytic Positive Microbes from Termite Gut and Termitarium.	3 Biotech 7(2) : 108.
Dr. Raman Saini	Origin and Evolution of Group XI Secretory Phospholipase A2 from Flax (Linum usitatissimum) Based on Phylogenetic Analysis of Conserved Domains.	3 Biotech 7: 216 (2017)
Dr. Sulekha Rani	Phytochemical Screening, Antibacterial and Antioxidant Activity of Leaves Extract of Tinosporacordifolia.	Journal of Pharmacy Research. 1(8):991-995. (2017).

Lectures/Seminar/Conferences/Congresses etc. arranged in the Department

Dr. Neeru Sharma, Deptt. Of Cellular and integrative Physiology, Univ. of Nebraska Medical centre Omaha, USA delivered Lecture on "Neuronal Nitric Oxide Synthase in the paraventricular nucleus; a potential therapeutic target for chronic heart failure on January 16, 2017; Dr. Vikram Saini, Instructor, Deptt. Of Microbiology, Univ. Alabama, Birmingham, USA delivered Lecture on Novel approaches for understanding tuberculosis and drug discovery on September 6, 2017; Dr. Prateeksha Sharma, Govt. Affairs Manager, DOW Chemicals delivered Lecture on Careers in Biotechnology in India and Abroad on September 09, 2017; Dr. B.R. Yadav, Principal Scientist (Retd) NDRI, Karnal delivered Lecture on C₂G Technologies in animal Improvement and diagnostic: Current status and future prospects on November 10, 2017.

Lectures Delivered in Seminar/Conferences/Congresses etc. of attended by the Department Teachers Outside the Department

Name of Teacher	Name of Conference/ Seminar	Place and Date	Topic of Lecture
Dr. Anita Yadav	UGC-SAP Sponsored National Seminar in Recent Advances in Human Genetics	Punjabi University, Patiala, March 28, 2017	Delivered Plenary Talk on Topic Entitled "In Vitro Studies on Antigenotoxic Effects of Nutraceuticals and Modulatory Role of Glutathione S-Transferase Genotype on Organophosphate Pesticides induces Genotoxicity"
Dr. Ritu Mahajan	National Seminar on Emerging Trends in Science and Technology (ETST – 2017) Sponsored by Director General, Higher education, Haryana in collaboration with Intellectuals Society for Socio-Techno Welfare, Ghaziabad	Arya PG College, Panipat, February 18, 2017	Reduction in the Environmental Pollution Using Biotech Approaches
	6th National Conference on Chemical and Environmental Sciences: Emerging Dimensions and Challenges ahead sponsored by Director General Higher Education, Haryana .	Arya PG College, Panipat, April 1, 2017	Reduction in the Use of Chemicals for the Processing of Cotton Fabric Using Xylano-Pectinolytic Synergism
	4th National Conference on Recent Developments in Science and Technology in Modern Era (RDSTME– 2017) Sponsored by Director General, Higher Education, Haryana in collaboration with Intellectuals Society for Socio-Techno Welfare, Ghaziabad	Arya PG College, Panipat, December 15 , 2017	An Ecofriendly Cost-effective Approach for the Manufacturing of Good Quality Paper

Noteworthy Achievements :

DST Haryana sponsored project entitled "Production and Commercial viability of xylano-pectinolytic enzymes in Deinking of newspaper, Delignification of various paper pulps and Bioprocessing of fabrics" w.e.f. 3.3.2015

Awarded Minor Research Project entitled "In vitro plant regeneration and novel high throughput genetic transformation...Vigna umbellata (Thunb.) Ohwi & Ohashi). Funded by Kurukshetra University, Kurukshetra for a period of one year (2016-2017)

DEPARTMENT: Chairperson

MICROBIOLOGY Dr. Neelam

Professor

Dr. Neelam, Ph.D.

Assistant Professors

(i) Dr. Neeraj Kumar, Ph.D. (ii) Dr. Baljeet Singh, Ph.D.
(iii) Sh. Vijay Kumar, M.Sc.

Students

Class	Boys	Girls	Total
M.Sc. (P)	13	35	48
M.Sc. (F)	13	33	46
Total	26	68	94

Research Work Ph.D. Awarded

Name of Scholar	Title of Thesis	Name of Guide	Month & Year of Award
Manpreet Kaur	Management of Parthenium Hysterophorous with Biocontrol Agents	Dr. Neeraj Kumar	January, 2017
Vidur Bhatia	Studies on Biosurfactants Production Using Yeasts	Dr. Baljeet Singh	March, 2017
Sonu Rani	Studies on Microbial Production of Chitin Deacetylase	Dr. Neelam	December, 2017

Research Contribution of Teaching Staff

Name of Teacher	Topic/Field of Research	Journal/Book
Dr. Neelam	Bioremediation of Heavy Metals by Microbes	Bioremediation of Salt Affected Soils: An Indian Perspective
	Antibacterial and Antifungal Activity of Chitosan Coated Iron Oxide Nanoparticles	British Journal of Biomedical Science.
Dr. Neeraj Kumar	Enzymatic Activities of Pathogenic Species of Alternaria, Isolated from Parthenium	Indian Journal of Weed Science. 49(2): 207-210
	Gas Chromatography-Massspectrometry Analysis of Total Lipids and Fatty Acid Content of Spirulina/Arthrospir. Strains.	International Journal of Biochemistry. 199:537-543
	Similarity Analysis of Spirulina Strains on the Basis of Phycocyanin Operon Locus (cpcB-IGS-cpcA) and 16S rRNA Gene Sequences.	Indian Journal of Biotechnology. 16:84-90
	Enzymatic Saccharification of Pretreated Rice Straw by Cellulases from Aspergillus Niger BK01.	3Biotech.7(3):1-10

Dr. Neeraj Kumar	Cost Effective Cellulose Production Using Parthenium Hysterophorus as an Unconventional Lignocellulosic Substrate.	3Biotech.7(1):1-12
	Isolation and Screening of Cellulose Hydrolyzing Bacteria From Different Ecological Niches.	Bioengineering and Biosciences: 5(1):7-13
	Isolation and Screening of Lignolytic Fungi from Various Ecological Niches.	Universal Journal of Microbiology Research; 5(2): 25-34, 2017. DOI: 13189/ujmr. 2017
Dr. Baljeet Singh	Luteimonas Aestuarii SA13A as a Novel Chromium Reducing Bacterial Strain Isolated from Tannery Effluent.	Int. J. Curr. Microbiol. App. Sci.
	Hydrothermal Synthesis of Cu-Zno-/TiO ₂ -Based Engineered Nanomaterials for the Efficient Removal of Organic Pollutants and Bacteria from Water.	BioNano Sci.
	Design, Synthesis, Conformational and Molecular Docking Study of Some Novel Acyl Hydrazone Based Molecular Hybrids as Antimalarial and Antimicrobial Agents.	Chem. Central J.
Sh. Vijay Kumar	Role of Microbes in Human Health	Microorganisms: Tools of Sustainability

Lectures/Seminar/Conferences/Congresses etc. arranged in the Department

Seminars on 'Cervical Cancer' by Dr. Md. Kausar Neyaz, Sr. Research Scientist, Artemis Hospital, Gurgaon on March 25, 2017.

Lectures Delivered in Seminar/Conferences/Congresses etc. of attended by the Department Teachers Outside the Department

Name of Teacher	Name of Conference/ Seminar	Place and Date	Topic of Lecture
Dr. Neelam	Swarn Jayanti National Conference on 'Biodiversity and Sustainable Utilization of Plant Resources'	Department of Botany, Kurukshetra University, Kurukshetra, February 17-18, 2017	(i) Isolation and Screening of Chitinase Producing Microorganisms (ii) Ecofriendly Biosynthesis of Chitosan by using Chitin Decaetylase from Trichosporon Asahii Strain AUMC7779
	Swarn Jayanti Lecture Series	Senate Hall, Kurukshetra University, Kurukshetra, Jan 23, 2017	Jammu-Kashmir Mein Samsya Avum Samadhaan

Dr. Neeraj Kumar	Data Analysis Using SPSS	Department of Statistics & Operational Research, Kurukshetra University, Kurukshetra; March 20-21, 2017	Data Analysis in Microbiology
	Workshop on Bioinformatics	BITS sub-DIC Funded by Department of Biotechnology, NDRI, Karnal on March 17, 2017	Genomics and Proteomic Analysis
	Swarna Jayanti Inter Disciplinary Faculty Development Program	Department of Electronic Science, Kurukshetra University, Kurukshetra, March 6-11, 2017	Nanoscience and Nanotechnology
	Swarna Jayanti National Conference on Biodiversity and Sustainable Utilization of Plant Resources	Department of Botany, Kurukshetra University, Kurukshetra, Feb. 17-18, 2017	Antimicrobial Activity of Medicinal Plants: Catharanthus Roseus
Dr. Baljeet Singh	Biodiversity and Sustainable Utilization of Plant Resources	Department of Botany, Kurukshetra University, Kurukshetra, Feb. 17-18, 2017	PGPR: Biodiversity & Sustainable Development
	Swarna Jayanti Inter Disciplinary Faculty Development Program	Department of Electronic Science, Kurukshetra University, Kurukshetra, March, 6-11, 2017	Nanoscience and Nanotechnology
	Data Analysis Using SPSS	Department of Statistics & Operational Research, Kurukshetra University, Kurukshetra, March 20-21, 2017	Data Analysis in Microbiology
	Challenges in Sustainable Management of Natural Resources	Department of Zoology, Kurukshetra University, Kurukshetra, March 24-25, 2017	Sustainable Development Strategies
Sh.Vijay Kumar	GIAN Course	Department of Nutrition Biology, Central University of Haryana, Mahendergarh, Dec. 11-22, 2017	Functional Foods and Nutraceuticals: Fundamental and Mechanistic Approaches
	58th Annual Conference of Association of Microbiologists of India	Baba Sahib Ambedkar University (Central University), Lucknow (UP) Nov. 16-19, 2017	Prevalence of E-coli n Human Semen : A Systemic Review

Sh.Vijay Kumar

Refresher Course

IISC Bangalore,
December 8-22, 2017

Advances in Molecular
Biology

Noteworthy Achievements :

Dr. Baljeet Singh Saharan, Assistant Professor has been selected for GIAN course on functional foods and nutraceuticals by CUH, Mahendergarh .

Prizes by the M.Sc students:

Name of Student	Event Name	Prize
Reshul Yadav	Represented KUK in General Group song in interuniversity, Youth festival held at Kanpur, Chatarpati Shahu ji Maharaj University (Jan. 2017)	IInd Position
	Represented KUK in Haryanavi Folk Dance in National Youth Festival held at Kohlapur University, Kohlapur (Feb. 2017)	IIIrd position
	Represented Haryana Government in Haryanavi dance with a folk group held at Shillong (March, 2017)	

DEPARTMENT Chairperson

Professor

Assistant Professors

HOME SCIENCE Dr. Tarvinderjeet Kaur

Dr. Tarvinderjeet Kaur, Ph.D.

(i) Dr. Devender Kumar (ii) Mrs. Suman Bala

Students

Class	Boys	Girls	Total
M.Sc. (FND) P	-	29	29
M.Sc. (FND) F	-	21	21
M.Sc. (HD) P	-	17	17
M.Sc. (HD) F	-	23	23
M.Sc. (CT) P	-	13	13
M.Sc. (CT) F	-	12	12
Total		115	115

Research Work Ph.D. Awarded

Name of Scholar	Title of Thesis	Name of Guide	Month & Year of Award
Gurpreet Arora	Nutritional Status and Eating Behaviour of Adolescent Girls on Intervention with Nutrition Education in District Kurukshetra	Prof. G.K. Kochar	April, 2017
Shreshtha Muraal	Quality Analysis and Prognosis of Hospital Diets	Prof. Vinti Davar	November, 2017
Monika Sachdeva	Nutritional Status of Mid Day Meal Beneficiaries in Primary Schools	Prof. Vinti Davar	November, 2017
Prabhjot Kaur	Nutritional, Microbial and Organoleptic Quality Analysis of Restaurant Food	Prof. Vinti Davar	November, 2017

Research Contribution of Teaching Staff

Name of Teacher	Topic/Field of Research	Journal/Book
Dr. Devender	Mid-Day- Meal beneficiaries in Primary Schools of Urban Area of Kurukshetra: A Clinical Profile	International Journal of Applied Home Science; (2017) vol.4 (9 &10) 769-773 ISSN: 2394-1413
	Nutritional and Organoleptic Attributes of Novel Pancake Fortified with Spirulina (Arthrospira Platensis)	International Journal of Applied Home Science; (2017) vol.4 (9 &10) 785-789 ISSN: 2394-1413
	Value Addition Of Green Apple Ginger Smoothie by Enrichment with Chlorella Vulgaris: Sensory Evaluation	International Journal of Applied Home Science; (2017) vol.4 (9 &10) 800-804 ISSN: 2394-1413

Lectures/Seminar/Conferences/Congresses etc. arranged in the Department

Extension Lectures organized :

Adolescents Mental Health and its Problems and Special Areas of Concern for Adolescents and Counseling by Dr. Samridhi Arora, Jammu University, Jammu on 29.09.2017.

Celebrations:

National Dietetics Day on 11 Jan. 2017. Poster Competition, Quiz and Healthy recipe competition were arranged in the department; Breast Feeding Week from 1st to 7th August, 2017; Pink Ribbon Day on 25th October, 2017; National Nutrition Week Celebration from 1st to 7th September 2017.; Chart/Poster Competition, Nutritional recipe competition, skit/drama competition, quiz competition were arranged in the department; Diya and Candle making, Paper Lamps and Mural Paintings Competitions were organized on the eve of Diwali Celebration; Fevicryl workshop was organized in the Department on 3-4 October 2017.

Lectures Delivered in Seminar/Conferences/Congresses etc. of attended by the Department Teachers Outside the Department

Name of Teacher	Name of Conference/ Seminar	Place and Date	Topic of Lecture
Dr. Tarvinderjeet Kaur	National Seminar on Adolescence: A Stage of Creative Hands and Mind	D.A.V. College for Girls, Yamunanagar, February 04, 2017	Key Note Address on Challenges during Adolescence
	National Seminar on Prevalence of Life Style Related Disorders Among Youth: A High Time to Act	Govt. College for Girls, Panchkula, March 07, 2017	Valedictory Address on Life Style Disorder Among Youth
	International Conference on Technology for Value Addition in Food Products	Hayat Regency Chandigarh, July 20, 2017	Clinical Trial of Garden Cress Seed Value Added Product to Increase Hemoglobin
Ms.Suman Bala	National Seminar on Prevalence of Life Style Related Disorders Among Youth	Govt. College for Girls, Panchkula, March 07, 2017	Development of Enriched Food Preparation for NIDDM
	International Conference on Technology for Value Addition in Food Products	Hotel Hayat Regency Chandigarh, July 20, 2017	Development of Food Preparation with Value Addition by Probiotics

Noteworthy Achievements :

1. The Department also organized two Cafeterias as under:

‘Punjabi Thali’ Cafeteria arranged by students under the guidance of teachers was held on 19.04.2017 inaugurated by Honourable Vice-Chancellor Prof. K.C. Sharma, KUK.

‘Sambhar Idli’ Cafeteria was held on 25.04.2017 inaugurated by Dean Academic Affairs, KUK and was well attended by faculty members, guests and students of KUK.

2 “Shikshit Beti Swasth Beti” camp in collaboration at Girls Hostel, KUK from 18-20 January 2017.

3. Performed “Nukkad Naticas” on various social issues such as Health and Hygiene during pregnancy and Beti Bachao, Beti Padhao, at different Aanganwadis of Kurukshetra in March 2017.

Students participated in “Ratnavali” as volunteers.

DEPARTMENT Chairperson/Director

INSTITUTE OF ENVIRONMENTAL STUDIES Prof. Smita Chaudhry

Professor

Dr. Smita Chaudhry, Ph.D.

Assistant Professors

(i) Dr. Hardeep Rai Sharma, Ph.D, (ii) Dr. Meenakshi Suhag, Ph.D.,
(iii) Dr.. Pooja, Ph.D., (iv) Ms. Dipti, (v) Ms. Bhawna,
(vi) Dr. Sandeep Gupta, Ph.D.

Students

Class	Boys	Girls	Total
M.Sc. (F)	08	26	34
M.Sc. (P)	11	23	34
M.Tech. (F)	05	05	10
M.Tech. (P)	04	01	05
Total	28	55	83

Research Work Ph.D. Awarded

Name of Scholar	Title of Thesis	Name of Guide	Month & Year of Award
Priti	Impact of Urbanization on Dynamics of Surrounding Agro Ecosystems in a Part of Haryana : Landscape Changes and Agricultural Practices	Prof. Smita Chaudhry	May, 2017
Sapna Bisht	Analysis of Watermills and Micro-Hydropower in the Western Himalaya in the Framework of Socio-Environmental Sustainability and Climate Change	Prof. Smita Chaudhry	July, 2017
Jyoti	Impact of Different Agronomic Practices on Soil Properties of Agro-Ecosystems of North-East Haryana	Prof. Smita Chaudhry	December, 2017

Research Contribution of Teaching Staff

Name of Teacher	Topic/Field of Research	Journal/Book
Prof. Smita Chaudhry	Monitoring Post Mining Forest Dynamics of the Tropical Thorn Forest in Asola Bhatti Wildlife Sanctuary, India Using Multi-Temporal Satellite Data	International Journal of Applied Environmental Sciences.
	Morphological and Biochemical Changes in Vigna radiata and Spinacia Oleracea Induced by Fluoride Contamination in Soils	International Journal of Current Microbiology and Applied Sciences.
	Bibliometric Indicators of Biodiversity Monitoring using RS/GIS in Western Himalaya	ENVIS Bulletin on Himalayan Ecology.

Dr. Hardeep Rai Sharma	Water Pollution-II (Marine Pollution).	Water Resources and Management, ePG Pathshala
	Water Related Hazards	Water Resources and Management, ePG Pathshala
	Issues and Challenges of Municipal Solid Waste Management In Indian Cities	Climate Change, Resource Conservation and Sustainability Strategies.
	Issues and Challenges in Rural Sanitation in Haryana and Role of Gram Panchayat in its Management	Climate Change, Resource Conservation and Sustainability Strategies.
Ms. Meenakshi	Water Demand	Water Resources and Management, ePG Pathshala
	Socio-economic Aspects of Water	Water Resources and Management, ePG Pathshala
	Role of Microorganisms in Bioethanol Production	Microorganism: Tools of Sustainability.
Dr. Pooja & Prof. Smita Chaudhry	Dependency of Rate of Soil Respiration on Soil Parameters and Climatic Factors in Different Tree Plantations at Kurukshetra, India	Tropical Ecology
Dr. Pooja & Prof. Smita Chaudhry	Vegetation and Soil Carbon Pools of Mixed Plantation of Acacia Nilotica and Dalbergia Sissoo Under Social Forestry Scheme in Kurukshetra, India	Journal of Materials and Environmental Sciences
Dr. Pooja	Physical, Chemical and Biological Characteristics of Water	Water Resources and Management, ePG Pathshala
Dr. Sandeep Gupta	Remote Sensing of Burned Areas via PCA, Part 1; Centering, Scaling and EVD vs SVD	Open Geospatial Data, Software and Standards.
	Remote Sensing of Burned Areas via PCA, Part 2: SVD-based PCA using MODIS and Landsat data	Open Geospatial Data, Software and Standards
	Active and Passive Remote Sensing	Water Resources and Management, ePG Pathshala
	Visual Image Interpretation	Water Resources and Management, ePG Pathshala
	Digital Image Processing	Water Resources and Management, ePG Pathshala

Dr. Rashmi Paliwal	Biodegradation of Pulp and Paper Mill Effluent by Co-Culturing Ascomycetous Fungi in Repeated Batch Process	Environmental Monitoring and Assessment
	Human Overpopulation: Impact on Environment	Environmental Issues Surrounding Human Overpopulation
	Algal Potential for Inorganic and Organic Pollutants Decontamination	Water Biology
	Saline Water Problem in India Its Impact and Management	Water Biology
Er. Shivani & Prof. Smita Chaudhry	Treatment of Wastewater of Food Industry by Membrane Bioreactor	International Advanced Research Journal in Science, Engineering and Technology

Lectures/Seminar/Conferences/Congresses etc. arranged in the Department

Symposium on Climate Change

Institute of Environmental Studies and Integrated Research and Action for Development (IRADe), New Delhi organised a Symposium on Climate Change from 13th to 15th September, 2017 followed by an interstate debate competition of the selected PG students. Hon'ble Vice Chancellor, Prof K. C. Sharma presided over the inaugural function as Chief Guest. Prof. Kirit S. Parikh, Chairperson, IRADe, former Senior Economic Advisor to UNDP, former member of the Economic Advisory Council (EAC) of the Prime Minister of India was the keynote speaker with Prof Smita Chaudhry as Coordinator & Organizer.

Dr. T. Watanabe, Graduate School of Global Environmental Studies, Kyoto University, Japan delivered a guest lecture on "Impact of Climate Change on Soil" on 9.11.2017

Lectures Delivered in Seminar/Conferences/Congresses etc. of attended by the Department Teachers Outside the Department

Name of Teacher	Name of Conference/ Seminar	Place and Date	Topic of Lecture
Prof. Smita Chaudhry	National Conference on Biodiversity and Sustainable Utilization of Plant Resources	KU, Kurukshetra Feb. 17-18, 2017	Session Chaired
	National Seminar on Issues and Challenges of Sustaining Green and Clean Environment	DN Mahila Mahavidyalaya, Kurukshetra, March, 17, 2017	On Issues and Challenges of Sustaining Green and Clean Environment (Chief Guest)
Dr. Hardeep Rai Sharma	International Conference on Emerging Areas of Environmental Science and Engineering,	GJUS&T, Hisar, Feb. 16-18, 2017	Effect of Paracetamol & Ibuprofen on Morphological Parameters and Chlorophyll Content of Vigna Radiata (Green Gram) (Session Chaired)

Dr. Hardeep Rai Sharma	National Conference on Climate Change, Resource Conservation and Sustainability Strategies	GGSIPIU, New Delhi, March 16-17, 2017	Issues and Challenges of Municipal Solid Waste Management in Indian Cities
Ms. Meenakshi	Extension Lecture	NRL Jairam Girls College, Lohar Majra, Kurukshetra April 08, 2017	Natural Resource Conservation
	International Conference on Emerging Areas of Environmental Science and Engineering,	GJUS&T, Hisar, Feb. 16-18, 2017	Optimization of Hydrolyzing Parameters for the Production of Fermentable Sugars from Low Cost Substrates (Session Chaired)
	National Seminar on Challenges in Sustainable Management of Natural Resources	KU, Kurukshetra March 24-25, 2017	Potential of Rice Husk for the Removal of Dyes
	International Conference on Microbes for Health and Wealth	MDU, Rohtak, November 14, 2017	Application of Biological Pretreatment for the Degradation of Lignocellulosic Feedstock
Dr. Pooja	Swarna Jayanti National Conference on Biodiversity and Sustainable Utilization of Plant Resources	KU, Kurukshetra February 17-18, 2017	Comparison of Carbon Stock and Nutrient Status of Soil of Natural Forest and Four Different Types of Tree Plantations in Yamunanagar and Kurukshetra
Ms. Dipti	Swarna Jayanti National Conference on Biodiversity and Sustainable Utilization of Plant Resources	KU, Kurukshetra Feb. 17-18, 2017	Environmental Audit of a Co-operative Sugar Mill, Shahabad Kurukshetra
Ms. Bhawna	Swarna Jayanti National Conference on Biodiversity and Sustainable Utilization of Plant Resources	KU, Kurukshetra Feb. 17-18, 2017	Trends of Organic Farming: Case Studies of Different Districts of Punjab and Haryana
Dr. Sandeep Gupta	International Conference on Emerging Areas of Environmental Science and Engineering,	GJUS&T, Hisar, Feb. 16-18, 2017	Assessment of Probabilistic Earthquake Hazard and Risk in the National Capital (Delhi) Region of the India (Session Chaired)