
List of
Dissertations
Submitted at GBPNIHESD
From 2000 to August 2016

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R.C. Prasad



Library and Information Centre

G.B. Pant National Institute of Himalayan Environment and Sustainable Development

Kosi-Katarmal, Almora - 263643 (Uttarakhand) India

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| Year of Submission | Title of Dissertation | Course | Name of the student/ scholar | Name of Supervisor/s | University/ Institute where it was submitted | Subject |
|--------------------|---|--------|------------------------------|--|---|-----------------------------------|
| 2016 | Assessment of Floristic Diversity of Lug Valley in Himachal Pradesh | M.Sc. | Sheta Halder | Dr. S. S. Samant | GBPNIHESD/ Presidency University, Kolkata, West Bengal | Botany |
| 2016 | Assessment, Valuation and Threat Categorization of Floristic Diversity in Kasol and surrounding areas of Parbati Valley, Himachal Pradesh | M.Sc. | Riya Maitra | Dr. S. S. Samant | GBPNIHESD/ Presidency University, Kolkata, West Bengal | Botany |
| 2016 | Documentation of ethno-medicinal plants used by <i>Galo</i> tribe of West Siang district of Arunachal Pradesh. | M.Sc. | Gode Kamum | Dr. K.S. Kanwal GBPNIHESD, NE Unit | Mount Carmel College, Bangalore | Botany |
| 2016 | Encapsulation of callus for the production of synthetic seed in <i>Nardostachys jatamansi</i> DC | M.Sc. | Babita Joshi | I.D. Bhatt S.K. Nandi | Devsthali Vidyapeeth, Rudrapur, Kumaun University, Nainital | Biotechnology |
| 2016 | In vitro propagation, phytochemical assessment and DNA damage inhibition activity in <i>Polygonatum verticillatum</i> , a high valued threatened medicinal plant. | M.Sc. | Anshuli Kaushik | Dr. R. S. Rawal Dr. I.D. Bhatt Co-Supervisor : Dr. Asha Verma, Lecturer, Deptt. of Biotechnology & Microbiology, MIET | Meerut Institute of Engineering and Technology, Chaudhary Charan Sing University ,Meerut | Biotechnology and Microbiology |

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|------|--|-------|---------------|--|---|---------------|
| 2016 | Influence of different environmental conditions on the morphological and physiological attributes of <i>Podophyllum</i> spp. | M.Sc. | Pooja Rana | Dr. S.K. Nandi I.D. Bhatt | MIET, CCS Univ., Meerut | Biotechnology |
| 2016 | Isolation of Bergenin from <i>Bergenia Ligulata</i> and assessment of its antimicrobial activity | M.Sc. | Jyoti Rani | Dr. V. Agnihotri Ms Barkha Gupta | Meerut Institute of Engineering and Technology, Chaudhary Charan Sing University ,Meerut | Biotechnology |
| 2016 | Phosphate solubilization by cold tolerant bacteria isolated from Indian Himalayan soil | M.Sc. | Yashpal | Dr. Anita Pandey Supervisor | Department of Botany and Microbiology, Gurukul Kangri Vi Vishwavidyalaya, Haridwar, Uttarakhand | Microbiology |
| 2016 | Picroside I and II of <i>Picrorhiza Kurroo</i> : Isolation, separation, quantification estimation and their antioxidant activity | M.Sc. | Shilpi Vats | Dr. V. Agnihotri Ms Barkha Gupta | Meerut Institute of Engineering and Technology, Chaudhary Charan Sing University ,Meerut | Biotechnology |
| 2016 | Polyphenolic and antioxidant potential of selected medicinal plants of Indian Himalayan Region | | Surbhi Sharma | I.D. Bhatt R.S. Rawal | Devsthali Vidyapeeth, Rudrapur, Kumaun University, Nainital | Biotechnology |

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|------|---|------------------------------|---------------------|--------------------------------|--|---------------|
| 2016 | Promoting Conservation and Assessment of Biological Activities of <i>Polygonatum verticillatum</i> using biotechnological & conventional techniques | B.Tech. | Bishal Prashar | Dr. S. S. Samant | JP University, Solan, Himachal Pradesh | Biotechnology |
| 2016 | Qualitative And Quantitative Assessment Of Vegetation Of Kandi-Kataula Region, District Mandi, Himachal Pradesh | Summer Research Fellow -IASc | Sai Sandeep Y. | Dr. S. S. Samant | Indian Academy Of Sciences, Bengaluru, Indian National Science Academy, New Delhi And The National Academy Of Sciences, India, Allahabad | Biotechnology |
| 2016 | Summer Training | | Nivedita Shah | I.D. Bhatt R.S. Rawal | Bansthali Vidyapeeth Rajasthan | Biotechnology |
| 2015 | Assessment of antioxidant, phytochemicals and enzyme activity in selected medicinal plants of the Indian Himalayan region | M.Sc. | Mukhtar Yousuf Shah | Dr. S.K. Nandi | BGSBU, Rajouri | Biotechnology |
| 2015 | "Biocontrol and plant growth potential of cold tolerant bacteria isolated from Indian Himalayan Region | M.Sc. | Pooja Verma | Dr. Anita Pandey Supervisor | Kumaun University, Nainital, Uttarakhand | Microbiology |

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|------|---|-------|-------------------|--------------------------------|---|---------------------------|
| 2015 | <i>In vitro</i> production of secondary metabolites in <i>Nardostachys jatamansi</i> Jones | M.Sc. | Ankita Ghildiyal | S.K. Nandi I.D. Bhatt | HNB Garhwal University Srinagar | Biotechnology |
| 2015 | Management practices in community forests of Hat-Kalika watershed in Pithoragarh District : Implications for biodiversity conservation and ecosystem services | M.Sc. | Pradeep Kumar | Dr. G.C.S. Negi | Forest Research Institute (Deemed University), Dehradun | Biodiversity Conservation |
| 2015 | Nutritional, anti-nutritional and anti-mutagenic activity of <i>Paeonia emodi</i> from West Himalaya | | Waqar Younis | I.D. Bhatt R.S. Rawal | Baba Ghulam Shah Badshah University, Rajouri, Jammu & Kashmir | Biotechnology |
| 2015 | Phosphate solubilization by psychrotolerant bacteria isolated from Indian Himalayan Region" | M.Sc. | Tanu Sharma | Dr. Anita Pandey Supervisor | School of Biosciences and Biotechnology, Baba Ghulam Shah Badshah University, Rajouri 185131, Jammu & Kashmir | Biotechnology |
| 2015 | Thin layer drying behaviour of <i>Ginkgo biloba</i> leaves with respect to Ginkgolide A, Bilobalide content and microbial load | M.Sc. | Priyanka Adhikari | Dr. Anita Pandey Supervisor | Kumaun University, Nainital, Uttarakhand | Microbiology |

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|------|--|-------|-----------------|---|---|------------------------|
| 2014 | Ambient air pollution and its sources in the north-western Himalaya, Himachal Pradesh | M.Sc. | Deepika Mahant | Dr. S. S. Samant & Dr. J. C. Kuniyal | Central University of Himachal Pradesh, Dharamshala, Himachal Pradesh | Environmental Sciences |
| 2014 | Antimicrobial potential and inhibitory effects of <i>Taxus baccata</i> extracts | M.Sc. | Deepa Meenakshi | Dr. Anita Pandey Supervisor | Kumaun University, Nainital, Uttarakhand | Microbiology |
| 2014 | Estimation of Land Surface Temperature for Dhauliganga Basin using Modisterra Satellite Data | M.Sc. | Neha Joshi | Dr. Rajesh Joshi, KCB Dr. J.S. Rawat | NRDMS Department of Geography Kumaun University, Nainital | GIS |
| 2014 | Fuel Wood and Fodder consumption patterns in selected villages of Pithoragarh District, Uttarakhand | M.Sc. | Ravi Pathak | Dr. K.C. Sekar BCM | FRI Deemed University, Dehradun | Environmental Sciences |
| 2014 | Impact of climate change in Invasive species | M.Sc. | Vivek Verma | Dr. R.S. Rawal BCM | FRI Deemed University, Dehradun. | Environmental Sciences |
| 2014 | Invasion Intensity and people's perception on impacts of invasive species on Forest and Agriculture resources in parts of Kumaun West Himalaya | M.Sc. | Vivek Verma | Dr. R.S. Rawal BCM | Forest Research Institute Dehradun | Environmental Sciences |
| 2014 | Litter Fall and nitrogen input in Oak and Pine Forests of Kumaun Himalaya | M.Sc. | Prema Bonal | Dr. G.C.S. Negi Prof. Jeet Ram | Deptt. of Forestry & Environmental Science, Kumaun University, Nainital | Forestry |

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|------|--|---------------------------------------|--------------------------|--|--|----------------|
| 2014 | 'Microbial and chemical analysis of <i>Saussurea lappa</i> during drying process | M.Sc. | Priyanka Basera | Dr. Anita Pandey Supervisor | Kumaun University, Nainital, Uttarakhand | Microbiology |
| 2014 | Soil physico-chemical, biological and phytochemical investigations in two forest types of Kumaun Himalaya | M.Sc. | Radhika Bansal | Dr. G.C.S. Negi Dr. Vasudha Agnihotri | Mody Institute of Technology & Sciences, Lakshmangarh, Rajasthan | Forest Ecology |
| 2014 | Tree line and landuse/landcover mapping in Pindari Catchment using high resolution Satellite images | M.Sc. | Bhawana Soragi | Dr. Subrat Sharma Prof. Jeet Ram | Deptt. of Forestry & Environmental Science, Kumaun University, Nainital | Forestry |
| 2013 | A Perspective for Nana-Kosi Watershed Management and Development: Remote Sensing and Geographic Information System Appraisal | M.Sc. | Prem Prakash Bhardwaj | Dr. D.S. Rawat WPM-KCB | CEPT UNIVERSITY Navrangpura, Ahmedabad, Gujarat – 380009 | Geomatics |
| 2013 | Assessment of crop diversity in Kullu valley | Summer Research Fellow- IASc | Sahil Swangla | Dr. S. S. Samant BCM | College Of Agriculture, Osmanabad M.A.U., Parbhani (M.S.). | Agriculture |
| 2013 | Characterization of fungi isolated from fired plots under shifting cultivation of North East Himalaya, India | M.Sc. | Deepak Chaudhary | Dr. Anita Pandey Biotechnological Applications | Department of Microbiology, Dr B.R. Ambedkar University, Agra, U.P. | Microbiology |

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|------|--|---|---------------|--|---|---------------|
| 2013 | Development of a methodological framework to detect phonological events from Space borne Sensors: A Case study of Sal Forest of Himalaya | Advance Diploma in Remote Sensing & GIS | Nidhi Kanwar | Dr. Subrat Sharma WPM | Himachal Pradesh University, Shimla, Himachal Pradesh | RS & GIS |
| 2013 | Diversity, Distribution, Indigenous Uses and Conservation Prioritization of the Economically Important Floristic Diversity in Nadaun Block of Hamirpur District, Himachal Pradesh | M.Sc. | Jyoti | Dr. S. S. Samant BCM | Kumaun University, Nainital, Uttarakhand | Botany |
| 2013 | Morphometric Analysis of a Mountainous Rainfed River Watershed in Uttarakhand and Comparative Analysis of GIS data obtained from two different sources | M.Sc. | Visheshar Lal | Dr Subrat Sharma WPM | CEPT University, Ahmedabad, Gujrat | Geomatics |
| 2013 | Optimization of plant growth regulators for <i>in vitro</i> mass multiplication of <i>Valeriana jatamansi</i> Jones | M.Sc. | Rishika Verma | Dr. S.K. Nandi Biotechnology Applications | Mody Institute of Technology and Science, Jaipur, Rajasthan | Biotechnology |

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|------|---|--------|------------------|---|--|---------------|
| 2013 | Phenotypic characterization of thermotolerant bacteria isolated from Himalayan hot springs with particular reference to industrial applications | M.Sc. | Payal Priti | Dr. Anita Pandey Biotechnological Applications | Department of Microbiology, Barkatullah University, Bhopal, M.P. | Microbiology |
| 2013 | Phytochemical and nutritional assessment of <i>Wrightia tinctoria</i> and relationship with edaphic factor in North Gujrat | M.Sc. | Sunayana Nath | Dr. I.D. Bhatt Dr.R.S. Rawal BCM | Central University of Gujrat; Time duration | Biotechnology |
| 2013 | Studies on in vitro seed germination and callus induction of <i>Berberis aristata</i> D.C. | M.Sc. | Aakriti Bhandari | Dr. I.D. Bhatt Dr. R.S. Rawal BCM | Graphic Era University Dehradun | Biotechnology |
| 2013 | Studies on Phenotypic and genetic diversity in Ginkgo Biloba L.: A Living Fossil | M. Sc. | Shivani Yadav | Dr. Shilpi Paul Biotechnological Applications | Mody Institute of Technology and Sciences, Rajasthan | Biotechnology |
| 2013 | Study of changes in seasonal snow cover in Goriganga & Dhauliganga basin in Central Himalayan Region using MODIS Satellite Data | M.Sc. | Jibotosh Pandit | Dr. Rajesh Joshi WPM-KCB | North Orissa University, Takatpur, Baripada- 757 003, Mayurbhanj, Odisha | RS & GIS |

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|------|---|-----------------------------|----------------------|---|---|----------------------|
| 2013 | Study on floristic assessment and resource use pattern in the selected sites of Kullu Valley, Himachal Pradesh | Summer Research Fellow-IASc | Geetanjali Mehra | Dr. S. S. Samant BCM | G. B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand | Agriculture |
| 2012 | Assessment of morphological, biochemical and molecular attributes with relation to lignan biosynthesis: Podophyllotoxin | M.Sc. | Shivam Dixit | Dr. Shilpi Paul Biotechnological Applications | Graphic Era University Dehradun, Uttarakhand | Biotechnology |
| 2012 | Bacterial diversity in river <i>Jataganga</i> (Uttarakhand) with particular reference to biotechnological applications | M.Sc. | Ashish Avinash Tambe | Dr. Anita Pandey Biotechnological Applications | Division of Environmental Biotechnology, School of Biosciences and Technology, Vellore Institute of Technology, Vellore, Tamil Nadu | Applied Microbiology |
| 2012 | Characterization of psychrotolerant <i>Penicillium</i> spp with reference to Lignin peroxidase (LiP) and Manganese peroxidase (MnP) | M.Sc. | Rahul Jain | Dr. Anita Pandey Biotechnological Applications | Division of Environmental Biotechnology, School of Biosciences and Technology, Vellore Institute of Technology, Vellore, Tamil Nadu | Applied Microbiology |

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|------|---|--------------------|-----------------------|--|---|---|
| 2012 | Documentation of winter plants in Surya-Kunj- An ex-situ conservation site of GBPIHED, Almora | B.Sc. | Rutuja R. Kolte | Dr. K.C. Sekar BCM | R.P. Gogate College of Arts and Science & R.V. Jogalekar College of Commerce, Ratnagiri University of Mumbai, Maharashtra | Botany |
| 2012 | Ecological studies on Wasteland Rehabilitation in Kumaun Himalaya | M.Sc. | Sandeep | Dr. GCS Negi SED/EIA | Kurukshetra University, Haryana | Environmental Sciences |
| 2012 | GBPIHED HelpDesk | B. Tech. | Rashmi Prasad | Dr. P.P. Dhyani ENVIS Coordinator | Jayoti Vidyapeeth Women's University, Jaipur, Rajasthan | Computer Science & Engineering |
| 2012 | Inventory, Assessment and Conservation of Biodiversity in Kullu District, Himachal Pradesh | Science Academies' | Sridhar Umesh Athresh | Dr. S.S. Samant BCM | St. Josephs College, Bangalore, Karnataka | Summer Research Fellowships-2012 of Indian Academy of Sciences, Bangalore |
| 2012 | Micropapagation of <i>Amomum subulatum</i> | M.Sc. | Mohd Tariq | Dr. S.K. Nandi Biotechnology Applications | Graphic Era University, Dehradun, Uttarakhand | Biotechnology |
| 2012 | Plant tissue culture, DNA isolation and PCR techniques | B. Tech. | Bhupender Giri | Dr. S.K. Nandi Biotechnology Applications | Bipin Tripathi Kumaon Institute of Technology, Dwarahat, Almora, Uttarakhand | Biochemical Engineering |

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|------|--|----------|--------------------|--|--|----------------------------|
| 2012 | Study on antimicrobial activity and phytochemical investigation of <i>Malaxis accuminata</i> in Himachal Pradesh | M.Pharm. | Anubhav Goswami | Dr. S. S. Samant BCM | Shoolini University, Bajhol, Solan (HP) | Pharmaceutical Sciences |
| 2012 | The effect of culture medium strength and plant growth regulators on the callus biomass of <i>Habenaria edgeworthii</i> | B. Tech. | Monika Goel | Dr. I.D. Bhatt Dr. R.S. Rawal BCM | Bansthali University, Bansthali, Rajasthan | Biotechnology |
| 2012 | <i>Valeriana jatamansi</i> Jones. in Nanda Devi Biosphere reserve, Uttrakhand: Ecological studies and conservation using tissue culture method | M.Sc. | Rahul Vikram Negi | Dr. G.C.S. Negi Dr. S.K. Nandi | Graphic Era University, Dehradun, Uttarakhand | Ecology |
| 2011 | Assessment of phenotypic & genotypic diversity in high value medicinal herb : <i>Podophyllum</i> | M.Sc. | Abid Hussain Wagay | Dr. Shilpi Paul Biotechnological Applications | Baba Ghulam Shah Badshah University, J&K | Biotechnology |
| 2011 | Determination of lytic enzymes involved in plant diseases | Ph.D. | Rinita Jonathan | Dr. Anita Pandey Biotechnological Applications | Laboratoire de Mycologie et de phytopathologie, Institut Jules Guyot, Université de Bourgogne, Dijon, France | Biotechnology |

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|------|--|-------|-----------------|--|---|-----------------------------|
| 2011 | Evaluation of genotypic and phenotypic characters among the three species of <i>Podophyllum</i> | M.Sc. | Kanika Shakya | Dr. Shilpi Paul Biotechnological Applications | Barkatullah University, Bhopal, Madhya Pradesh | Biotechnology |
| 2011 | Genetic and phytochemical analysis of selected rice varieties of Kumaun Himalaya | M.Sc. | Archana Sirohi | Dr. I.D. Bhatt Dr. R.S. Rawal BCM | Barkatullah University, Bhopal, Madhya Pradesh | Biotechnology |
| 2011 | Genetic Evaluation of <i>Gingko biloba</i> trees | M.Sc. | Kavita Adhikari | Dr. Shilpi Paul Biotechnological Applications | Doon (PG) paramedical Collage Dehradun | Biotechnology |
| 2011 | Landuse & Land Cover Mapping in surrounding of Haldwani Town | M.Sc. | Kamal Pandey | Dr. Subrat Sharma KCB | Doon University, Dehradun, Uttarakhand | Natural Resource Management |
| 2011 | Natural Resource and sustainable development: a case study from the Himalayan region | MBA | Kanika Mehta | Dr. D.S. Rawat KCB | Lucknow University | RDM |
| 2011 | Optimization of plant growth regulators for mass multiplication of <i>Habenaria edgeworthii</i> Hook. f. Collett in tissue culture | M.Sc. | Kapil Dev | Dr. I.D. Bhatt Dr. R.S. Rawal BCM | Dolphin Institute of Biomedical and Natural Sciences, Dehradun, Uttarakhand | Biotechnology |

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|------|---|-------|--------------------|---|---|---|
| 2011 | Studies on Pharmacognosy and Pharmacology of <i>Dicliptera roxburghiana</i> Nees from Himachal Pradesh | M.Sc. | Prikshit Sharma | Dr. S.S. Samant BCM | Shoolini University, Solan, Himachal Pradesh | Master of Pharmacy in Pharmacognosy |
| 2011 | Studies on Pharmacognosy and Pharmacology of plant <i>Malaxis acuminata</i> in Himachal Pradesh | M.Sc. | Anubhav Goswami | Dr. S.S. Samant BCM | Shoolini University, Solan, Himachal Pradesh | Master of Pharmacy in Pharmacognosy |
| 2011 | Studies on Total Phenolic Content and Antioxidant Activity of selected medicinal plants growing in Uttarakhand, West Himalaya | M.Sc. | Shazad Salam | Dr. I.D. Bhatt Dr. R.S. Rawal BCM | Baba Ghulam Shah Badshah University, Rajori, Jammu and Kashmir | Biotechnology |
| 2010 | Community Based Ecotourism in Rangit Valley of South Sikkim: Potential and Prospects | M.Sc. | M.S. Idrisi | Dr. Rita Singh Dr. H.K. Badola | Guru Gobind Singh Indraprastha University, Delhi | Biodiversity and Conservation |
| 2010 | Documentation of indigenous uses of some selected medicinal plants in Kullu valley, Himachal Pradesh | M.Sc. | Monika Khullar | Dr. S.S. Samant BCM | Barkatullah University, Bhopal, Madhya Pradesh | Botany |

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|------|--|----------|-------------------|--|--|-----------------------|
| 2010 | <i>In vitro</i> propagation of <i>Euonymus hamiltonianus</i> – a high value medicinal plant of Indian Himalaya Region | M. Tech. | Kales Pant | Dr. I.D. Bhatt Dr. R.S. Rawal BCM | G.B. Pant Engineering College Pauli Garhwali, Uttarakhand | Biotechnology |
| 2010 | Screening of cold tolerant fungal isolates for lactase and lignin peroxidase enzyme activity | M.Sc. | Archana Joshi | Dr. Anita Pandey Rink K. Biotechnological Applications | Department of Microbiology, Mody Institute of Technology and Science, Lakshmangarh, Sikar, Rajasthan | Microbiology |
| 2010 | <i>Store Management System</i> | MCA | Neetu Rawat | Dr. P.P. Dhyani ENVIS Coordinator | Amarpali Institute, Haldwani, Uttarakhand | Computer Applications |
| 2010 | Studies on assessment of genetic diversity between two species of Oak: <i>Quercus semecarpifolia</i> and <i>Quercus floribunda</i> | M.Sc. | Puran Singh Bisht | Dr. Shilpi Paul Biotechnological Applications | Punjab Technical University, Learning Center in Kathgodam | Biotechnology |
| 2010 | Studies on Assessment of Phenotypic and genetic diversity in <i>Podophyllum</i> species | M. Tech. | Manoj Uniyal | Dr. Shilpi Paul Biotechnological Applications | Department of Biotechnology G B Pant Engineering College, Pauri Garhwal (Uttarkhand) | Biotechnology |
| 2010 | Studies on genetic diversity, analysis of active ingredients and tissue culture of <i>Thalictrum foliolosum</i> D.C. | M. Tech. | Gyanesh Pandey | Dr. S.K. Nandi Biotechnology Applications | G.B. Pant Engineering College, Pauri-Garhwal, Uttarakhand | Biotechnology |

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|------|--|----------|----------------------|---|--|------------------------|
| 2010 | Studies on Molecular markers for Analysis of Variability in An Anticancerous Drug Plant: <i>Podophyllum peltatum</i> | M.Sc. | Eesha Ingle | Dr. L.M.S. Palni (PI). Dr. Shilpi Paul (Co-PI) | School of Biotechnology, Devi Ahilya Vishwavidhyalay, Indore | Genetic Engineering |
| 2010 | Study on total phenolic content and antioxidant activity of <i>Acorus calamus</i> | M. Tech. | Amit Bahukhandi | Dr. I.D. Bhatt Dr. R.S. Rawal BCM | G.B. Pant Engineering College Pauri Garhwal, Uttarakhand | Biotechnology |
| 2010 | Techniques in Rhizosphere Microbiology | Ph.D. | Keshav Prasad Shukla | Dr. Anita Pandey Biotechnological Applications | Applied Mechanics Department, Motilal Nehru National Institute of Technology, Allahabad- Uttar Pradesh | Biotechnology |
| 2009 | Aerosols study at Mohal-Kullu in the North-western Himalaya, Himachal Pradesh, India | M.Sc. | Deepika Dogra | Dr. J.C. Kuniyal EAM | Forest Research Institute University, Dehradun, Uttarakhand | Environment Management |
| 2009 | Assessment and conservation prioritization of economically important floristic diversity in Sainj valley of Kullu district, Himachal Pradesh | M. Phil. | Anu Bali | Dr. S.S. Samant BCM | Vinayaka Mission University, Salem, Tamil Nadu | Biodiversity |

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|------|---|----------|-------------------|---|--|---------------|
| 2009 | Assessment of genetic diversity in natural populations of <i>Berberis asiatica</i> Roxb. ex DC. | M.Sc. | Amit Kumar Singh | Dr. I.D. Bhatt Dr. R.S. Rawal BCM | Biotechnology, Guru Ghasidas University, Bilaspur (Chhattisgarh) | Biotechnology |
| 2009 | Chemical characterization and antioxidant potential of selected wild edible fruit species in west Himalaya” | M. Tech. | Amit Badhani | Dr. I.D. Bhatt Dr. R.S. Rawal BCM | G.B. Pant Engineering College Pauri Garhwal, Uttarakhand | Biotechnology |
| 2009 | <i>In vitro</i> propagation of <i>Habenaria edgeworthii</i> Hook.f. ex Collett | M.Sc. | Kavita Danu | Dr. I.D. Bhatt Dr. R.S. Rawal BCM | Sai Institute of Paramedical and Allied Sciences Dehradun | Biotechnology |
| 2009 | Instrumentation in Microbiology and Biotechnology | B. Tech. | Reena Vishvakarma | Dr. Anita Pandey Biotechnological Applications | Sardar Vallabh Bhai Patel University of Agriculture and Technology, Meerut, Uttar Pradesh | Biotechnology |
| 2009 | Morphological and biochemical characterization of psychrotolerant bacteria | M.Sc. | Poonam Silori | Dr. Anita Pandey Biotechnological Applications | Department of Microbiology, HNB Garhwal University, Srinagar, Uttarakhand | Microbiology |
| 2009 | Phenotypic and genetic evaluation of <i>Podophyllum</i> Species | M.Sc. | Kavita Kirola | Dr. Shilpi Paul Biotechnological Applications | Dolphin Institute of Biomedical & Natural Sciences, H. N. B. Garhwal University, Srinagar, Uttarakhand | Biochemistry |

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|------|--|----------|---------------|--|---|-----------------------------|
| 2009 | Status of Land, Vegetation & Water Resources in Bhimtal lake catchment: A growing township in Uttarakhand | M.Sc. | Surya Singh | Dr. GCS Negi SED/EIA | University of Allahabad, Uttar Pradesh | Environmental Sciences |
| 2009 | Studies on genetic diversity, phytochemical analysis and callus culture of <i>Taxus baccata</i> subsp. <i>wallichiana</i> (Zucc.) Pilger | M. Tech. | Sandeep Kumar | Dr. S.K. Nandi Biotechnology Applications | G.B. Pant Engineering College, Pauri-Garhwal, Uttarakhand | Biotechnology |
| 2009 | Studies on regeneration of <i>Picrorrhiza kurrooa</i> : an important Himalayan medicinal plant from hairy roots | M.Sc. | Pravin Tiwari | Dr. S.K. Nandi Biotechnology Applications | School of Biotechnology, Guru Ghasidas University Bilaspur, Chattisgarh | Biotechnology |
| 2008 | Biochemical analysis and molecular characterization of <i>Zanthoxylum armatum</i> Roxb. using RAPD markers in selected locations of Kumaun | M.Phil. | Sumeet Sharma | Dr. S.K. Nandi Biotechnology Applications | HAPPRC, HNB Garhwal Univ., Srinagar-Garhwal, Uttarakhand | Environmental Plant Biology |
| 2008 | Callus and hairy root culture for the production of secondary metabolite in <i>Podophyllum peltatum</i> | M.Sc. | Smriti Verma | Dr. S.K. Nandi Biotechnology Applications | HNB Garhwal Univ, Srinagar-Garhwal, Uttarakhand | Biotechnology |

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|------|---|---------------|----------------------|---|---|------------------------|
| 2008 | Characterization and applications of the soil microbes isolated from the agroforestry sites under shifting cultivation in north-east India | M.Sc. | Swati Chamoli | Dr. Anita Pandey Biotechnological Applications | Department of Microbiology, HNB Garhwal University, Srinagar, Uttarakhand | Microbiology |
| 2008 | Chemical characterization and antioxidant potential of Himalayan medicinal plant <i>Valeriana wallichii</i> | M. Tech. | Preeti Dauthal | Dr. I.D. Bhatt BCM | G.B. Pant Engineering College, Pauri Garhwal, Uttarakhand | Biotechnology |
| 2008 | Isolation of β -Carotene from Pigmented Bacteria | M.Sc. | Neha Jaiswal | Dr. Anita Pandey Biotechnological Applications | Thapar University, Patiala, Punjab | Biotechnology |
| 2008 | One Month Industrial Training on Web Technologies | Diploma in IT | Kamal Kishore Tiwari | R.K. Singh IT-Cell, GBPIHED | Govt. Polytechnic Dwarahat, Almora, Uttarakhand | Information Technology |
| 2008 | Optimization of plant growth regulators for <i>in vitro</i> propagation and molecular characterization of <i>Hedychium spicatum</i> Ham. ex Sm. | M.Sc. | Preeti Gairola | Dr. I.D. Bhatt, Dr. R.S. Rawal BCM | H.N.B. Garhwal University, Srinagar by | Biotechnology |
| 2008 | Short Term Training on Instrumentation | M. Tech. | Preeti Dauthal | Dr. I.D. Bhatt BCM | G.B. Pant Engineering College, Pauri Garhwal, Uttarakhand | Biotechnology |
| 2008 | Spectral aerosol climatology at Mohal-Kullu, northwestern Himalayas, India | M.Phil. | Gaurav Rastogi | Dr. J.C. Kuniyal Supervisor | Department of Physics, Periyar University, Tamil Nadu, India | Physics |

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|------|---|----------|-----------------|--|---|---------------|
| 2008 | Studies in genetic diversity of <i>Zanthoxylum armatum</i> using RAPD markers (Training only; dissertation not submitted) | B. Tech. | Yashwasi Singh | Dr. S.K. Nandi Biotechnology Applications | Department of Genetic Engg., SRM University, Chennai, Tamilnadu | Biotechnology |
| 2008 | Training in Instrumentation and lab techniques in Biotechnology (dissertation not submitted) | B.Sc. | Prachi Kochhar | Dr. S.K. Nandi Biotechnology Applications | Deptt. of Biotechnology, SBSPGIBSR, Dehradun, Uttarakhand | Biotechnology |
| 2008 | Ultrafine aerosol pollution concentrations in Kullu-Manali hill spots in the Kullu valley. Department of Chemistry | M.Phil. | Priyanka Sharma | Dr. J.C. Kuniyal Supervisor | Directorate of Distance Education, Vinayaka Missions University, Salem, Tamil Nadu, India | Chemistry |
| 2007 | Aerosols climatology at Mohal in the Kullu valley, northwestern Himalaya, Himachal Pradesh | M.Phil. | Manum Sharma | Dr. J.C. Kuniyal Supervisor | Department of Chemistry, Periyar University, Tamil Nadu, India | Chemistry |
| 2007 | Allozyme variations in natural populations of <i>Hedychium spicatum</i> Ham. ex Sm. | M.Sc. | Pankaj Pant | Dr. I.D. Bhatt Dr. R.S. Rawal BCM | H.N.B. Garhwal University Srinagar | Biotechnology |

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|------|---|-------|--------------------|--|--|---------------|
| 2007 | An approach for developing somatic embryogenesis in <i>Angelica glauca</i> Edgew. | M.Sc. | Sangeeta Sharma | Dr. I.D. Bhatt Dr. R.S. Rawal BCM | MIT Rishikesh | Biotechnology |
| 2007 | Assessment of genetic diversity of <i>Podophyllum peltatum</i> using RAPD markers | M.Sc. | Nidhi Dhama | Dr. S.K. Nandi Biotechnology Applications | Department of Biotechnology, Doon (P.G.) College of Agricultural Science and Technology, Dehradun, Uttarakhand | Biotechnology |
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| 2007 | Fungal diversity in rhizosphere of wheat cultivated in a Himalayan location | M.Sc. | Priyanka Sati | Dr. Anita Pandey Pankaj Trivedi Biotechnological Applications | Department of Microbiology, HNB Garhwal University, Srinagar, Uttarakhand | Microbiology |

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| 2007 | Phosphate solubilization by filamentous fungi isolated from Himalayan soil | M.Sc. | Pooja Bisht | Dr. Anita Pandey Biotechnological Applications | Department of Biotechnology, HNB Garhwal University, Srinagar, Uttarakhand | Biotechnology |
| 2007 | Seed germination studies in <i>Aconitum balfourii</i> and RAPD analysis of <i>Podophyllum hexandrum</i> | M.Sc. | Shikha Bisht | Dr. S.K. Nandi Biotechnology Applications | Department of Biotechnology, Modern Institute of Technology, Rishikesh, Uttarakhand | Biotechnology |
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| 2006 | Assessment and Indigenous uses of the Economically Important plants for the Socioeconomic Upliftment of the Inhabitants in Sarwari watershed, Kullu, Himachal Pradesh | M.Sc. | Swati Gupta | Dr. S.S. Samant BCM | Institute of Environment and Development, Bundelkhand University, Jhansi, Uttar Pradesh | Environmental Sciences |

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| 2006 | Characterization of Actinomycetes and determination of antagonistic activity against phytopathogenic fungi | M.Sc. | Mukesh K Malviya | Dr. Anita Pandey Biotechnological Applications | Microbiology, Department of Microbiology, Barkatullah University, Bhopal, M.P. | Microbiology |
| 2006 | Diversity, Distribution Pattern and Conservation Prioritization of Economically Important plants of Parbati Catchment Area-Kullu district Himachal Pradesh, North Western Himalaya | M.Sc. | Waseem Bari | Dr. S.S. Samant BCM | Institute of Environment and Development, Bundelkhand University, Jhansi, Uttar Pradesh | Environment al Sciences |
| 2006 | Morphological, Biochemical and Physiological characterization of bacteria isolated from temperate Himalayan soils | M.Sc. | Harish Rai | Dr. Anita Pandey Biotechnological Applications | Department of Biotechnology and Bioinformatics), Barkatullah University, Bhopal, M.P. | Biotechnology |
| 2006 | Studies on multiplication of <i>Dendrocalamus hamiltonii</i> Nees et. Arn. Ex. Munro | B. Tech. | Gaurav Gupta | Dr. S.K. Nandi Biotechnology Applications | College of Engineering & Technology, Moradabad, Uttar Pradesh | Biotechnology |

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| 2006 | Studies on tissue culture of <i>Dendrocalamus hamiltonii</i> and estimation of podophyllotoxin in <i>Podophyllum hexandrum</i> | M.Sc. | Sumeet Sharma | Dr. S.K. Nandi Biotechnology Applications | HNB Garhwal Univ, Srinagar-Garhwal , Uttarakhand | Biotechnology |
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| 2005 | Examination of microflora in temperate Himalayan soil | M.Sc. | Dinesh Pandagre | Dr. Anita Pandey Biotechnological Applications | Department of Microbiology, Barkatullah University, Bhopal, M.P. | Microbiology |
| 2002 | Assessment of plant diversity of the Aradeo Reserve Forest in Kumaun, west Himalaya | M.Sc. | M.S. Bora | Dr. S.S. Samant BCM | Sikkim Manipal University, Sikkim | Botany |

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| 2002 | Screening of phosphate solubilizing fungi isolated from the Himalayan soils | M.Sc. | Namrata Das | Dr. Anita Pandey Biotechnological Applications | Department of Microbiology, Barkatullah University, Bhopal, M.P. | Microbiology |
| 2001 | Microbial diversity in the soil samples collected from Soldhar situated in Garhwal Himalaya | M.Sc. | Bhavesh Kumar | Dr. Anita Pandey Biotechnological Applications | Department of Microbiology, Barkatullah University, Bhopal, M.P. | Microbiology |
| 2001 | Microbial diversity in the starter culture <i>balam</i> used in preparation of a traditional alcoholic drink prepared by <i>Bhotiyas</i> of Kumaun Himalaya | M.Sc. | Chandra Prakash Das | Dr. Anita Pandey Biotechnological Applications | Department of Microbiology, Barkatullah University, Bhopal, M.P. | Microbiology |
| 2000 | Antifungal activity of bacteria isolated from the soils of Kumaun Himalaya | M.Sc. | Niharika Colvin | Dr. Anita Pandey Biotechnological Applications | Department of Biotechnology, Guru Ghasidas University, Bilaspur, Chattisgarh | Biotechnology |
| 2000 | Phosphate solubilizing activity of bacteria isolated from the soils of Kumaun Himalaya | M.Sc. | Pariksha Mulkalwar | Dr. Anita Pandey Biotechnological Applications | Department of Biotechnology, Guru Ghasidas University, Bilaspur, Chattisgarh | Biotechnology |

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