


<p>Name Dr. Neelam Kaushik</p> <p>Department of Biotechnology, Himachal Pradesh University, Summer Hill Shimla-171005 [INDIA] Email ID: aneelamkaushik@gmail.com Contact No: 9418049978</p>	
<p>Education</p>	<p>Ph.D (Biotechnology) from Himachal Pradesh University, Summer Hill Shimla on topic entitled “Genetic Manipulation of <i>Solanum tuberosum</i> L. cv. Kufri Sutlej and Kufri Pukhraj for increased starch production” in year 2009. Research work carried out at Central Potato Research Institute, Shimla. M.Sc(Biotechnology) from Himachal Pradesh University, Summer Hill Shimla in 2002. B.Sc(Medical) from Himachal Pradesh University, Summer Hill Shimla in 2000.</p>
<p>Career Profile</p>	<ol style="list-style-type: none"> 1. Worked as lecture in Biotechnology in Shoolini Institute of life Sciences and Business Management w.e.f. March 19, 2010 to September 9, 2010. 2. Worked as Scientific Officer in Directorate of Forensic Sciences, Govt. of Himachal Pradesh w.e.f. 28.10.2010 to 09.04.2021. 3. Worked as Assistant Director in Directorate of Forensic Sciences, Govt. of Himachal Pradesh w.e.f. 09.04.2021 to 28.07.2021. 4. Working as Assistant Professor, Department of Biotechnology, Himachal Pradesh University, Summer Hill, Shimla w.e.f. 28.07.2021.
<p>Experience</p>	<p>Teaching (10 months onwards) Research (5 years as Ph.D.)</p>
<p>Subject taught</p>	<p>PG-Enzyme Technology, Biochemical Engineering, Animal Biotechnology UG- Animal Biotechnology, Enzyme Technology</p>
<p>Research Interest/Area of Specialization</p>	<p>Phytochemicals as antimicrobial agents, in vitro conservation of endangered medicinal plants, Microbial enzymes</p>
<p>Publications</p>	<ol style="list-style-type: none"> 1. AK Chaterjee, Anil Nathani, Narender Sharma, Arvind Bhatt, Neelam and Pankaj. 2004. A case study on enzymatic pretreatment of agro-based pulps for improved bleaching. IPPTA Convention Issue. pp127-135. 2. Prachi Sharma, Neelam Kaushik, Sushma Sharma, Vinod Kumar. Isolation, screening, characterization and optimization of xylanase production from thermostable alkalophilic <i>Fusarium</i> sp. XPF5. J Biochem Tech (2016) 7(1): 1089-1092. 3. Neelam Kaushik, Arvind Kumar Bhatt and S.K. Chakrabarti. Plastid Genome Engineering and its Potential Applications: A Review. International Journal of Agriculture, Environment and Biotechnology. 11(4): 615-621, 2018. 4. Neelam Kaushik, Arvind Kumar Bhatt and S.K. Chakrabarti. Development of transgenic potato with increased starch production. Trends in Carbohydrate Research. Vol. 10, 2018, 44-53. 5. Neelam Kaushik, Surender Kumar Pal, Arun Sharma, Gian Chand Thakur. A Retrospective Study of Sexual Assaults in Southern Range of Himachal Pradesh. Int J

	<p>Health Sci Res. 2016; 6(2):342-351.</p> <ol style="list-style-type: none"> 6. Kaushik N, Pal K S, Sharma A, Thakur G. Role of Diatoms in Diagnosis of Death Due to Drowning: Case Studies. <i>International Journal of Medical Toxicology and Forensic Medicine</i>. 2017; 7(1): 59-65. 7. Vinayak Gupta, Shipra Rohatgi, Neelam Kaushik (2018). Examination Of Fresh Water Diatoms Of Southern Range Of Himachal Pradesh- A Forensic Approach. <i>Journal of Advanced Research in Applied Sciences</i>. 5(4):203-207. 8. Pal SK, Sharma A, Sehgal A, Kaushik N, Rana A. Hanging Suicides in Himachal Pradesh: An Analysis of Forensic Cases. <i>Int J Forensic Sci Pathol</i>. 4(11), 297-304. 9. Pal SK, Rana A, Sharma A, Kaushik N and Sehgal A. A Forensic Analysis of Ligature Material in Suicidal Hangings. <i>International Journal of Forensic Sciences</i>. Vol.3, 2018. 10. Neelam Kaushik, Arvind Kumar Bhatt and Swaroop Kumar Chakrabarti. Cloning and sequencing of plastid trnI and trnA plastid DNA fragments for developing homologous plastid transformation vector. <i>J Adv Sci Res</i>, 2021 12(1) Suppl 2:96-102.
<p>Awards/Academic Achievements</p>	<ul style="list-style-type: none"> ✓ Qualified All India Entrance Examination conducted by Jawaharlal Nehru University, New Delhi on behalf of Department of biotechnology, Govt. of India to get admission for M.Sc. in Biotechnology and received a scholarship from Department of Biotechnology, Govt. of India. ✓ Qualified joint CSIR-UGC Junior Research Fellowship (JRF) and Eligibility for Lectureship- National Eligibility Test (NET). ✓ Qualified GATE examination held in Feb. 2002 and 2003.
<p>Research Supervision</p>	<p>M.Sc= 8</p>