


BRIEF PROFILE

	Name	Dr Poonam Negi
	Designation	Associate Professor
	Area	Chemistry
	Email	poo.chm20@gmail.com
	Contact No.	0941297206, 843343249
Professional Experience	<p>More than 15 years of Teaching & Research experience Working as Associate Professor in Department of Chemistry, Uttarakhand University, Dehradun.</p> <p>More than 10 years teaching experience in Uttarakhand University, Dehradun</p> <p>2 years of teaching experience in HNB Garhwal University Srinagar Garhwal Uttarakhand</p> <p>3.5 years of Research experience as JRF In DST Sponsored Research Project in HNBGU Srinagar Garhwal, Uttarakhand</p>	
Education Qualification	<ul style="list-style-type: none"> • D.Phil. in Chemistry from HNBGU (A Central University) Srinagar Garhwal, Uttarakhand. Chemistry • M. Sc. in Organic Chemistry from Kumaun University, Nainital, Uttarakhand. • B. Sc. (ZBC) from Kumaun University, Nainital, Uttarakhand 	
Area of Research	Natural Products Chemistry	
Current Research, If any	Natural Products, Biopesticides	
Publications: <ul style="list-style-type: none"> • Articles in Journals (only Scopus/SCI) • Books edited/Chapter contributed/ Books authored 	<ul style="list-style-type: none"> • Energetics and GHG Emission Mitigation Potential Estimation of Solar Water Heating System in India Book Chapter in <i>Renewable energy</i>, 2020 (<i>Web of Science</i>) • Low-temperature catalyst based Hydrothermal liquefaction of harmful Macroalgal blooms, and aqueous phase nutrient recycling by microalgae, <i>Scientific Reports (Nature)</i>, (2019) 9:11384 https://doi.org/10.1038/s41598-019-47664-w • Evaluation of Energy Yield Ratio, energy payback period and GHG emission mitigation of solar home lighting PV systems of 37 Wp modules in India, <i>International journal of renewable energy research</i>, 8(1) 2018. • Phytochemical analysis and antifeedant activity of <i>Caesalpinia decapetala</i>, <i>Asian Journal of Chemistry</i>, 2018. 	

	<ul style="list-style-type: none"> • Antifeedant constituents from <i>Leccaena leucocephala</i>, JAPS, 6(12,)2016 • “New Coumarin from <i>Skimmia anquetelia</i>, <i>Journal of the Indian Chemical Society</i>.vol 85 pp-1055-1056. 2008
<p>Conferences/Seminars/Workshops/ FDP/MDP attended</p>	<ul style="list-style-type: none"> • FDP on “Holistic teaching techniques for University Teachers” LCD, Uttaranchal University, 20-25 July 2020. • FDP on Advanced Research & Statistical Programme, UCALS, Uttaranchal University, 22-22 Feb 2019. • Two days Workshop on Research Practices and Design for Professionals, UCALS, Uttaranchal University, 8-9 Feb 2019. • Member of organizing committee two days Workshop on MATLAB and its applications, UCALS Uttaranchal University, 13-14 sept 2018. • Faculty development programme LCD, Uttaranchal University, 16-22 July 2018 • Teacher's congruence & Faculty Development programme LCD, Uttaranchal University, 16-July 2018 • Faculty development programme on Research methodology UIT, Uttaranchal University, 4-5 Dec 2017 • One Day seminar on Intellectual Property Right, UCALS UU, 7 Dec 2017 • One Day workshop on Food service management and Entrepreneurship, UCALS UU 8 April 2017. • Insecticidal Activity of Hexane & Methanolic extracts of bark & Seeds of <i>Callicarpa macrophylla</i>, National Conference on Recent Advances in Science & Technology, Uttaranchal University Feb 28, 2017. • <i>Physico Chemical Analysis of Asan River</i> Poonam Negi, in national symposium on Biofuel : Indian Scenario, Uttaranchal University, Dehradun, April, 29 2016 • <i>Energy efficiency of ethanol blended fuels</i>, Poonam Negi, in national symposium on Biofuel : Indian Scenario, Uttaranchal University, Dehradun, April, 29 2016 • <i>Antimicrobial activity of Hexane and methanolic extracts of Hyptis suaveolens</i>, in International conference on Innovative trends in engineering science and technology Uttaranchal University, Dehradun March 18-19 2016 • <i>Drying of Terminalia bellirica: Technoeconomic efficiency and energy analysis</i> in International conference on Innovative trends in engineering science and technology Uttaranchal University, Dehradun March 18-19 2016

- *Isolation of essential oil from Aegle marmelos for its antimicrobial potential*, Poonam Negi, in national Symposium on perspectives on research in science and health care SBSPGI Dehradun, 29-30 January 2016.
- *Energy analysis of fabrication of locally built dryer*, Poonam Negi et, al. in national conference on New horizons in theoretical and experimental physics, GPGC Gopeshwer 29-20 Feb 2015
- *Evaluation of chemical constituents and antifeedant activity of Hyptis suaveolens* Poonam Negi et.al.in International conference on pharmaceutical Sciences (ICPS) SGRRITS Dehradun, February 14-15 ,2014.
- *Biological Activity of Methanol and Hexane Extracts of Hyptis Suveolens*, Poonam Negi et. al, accepted for oral presentation in National Seminar on Livelihood Generation in Hill States of India Based on Agriculture & Allied Sectors in Uttara-Agro-Fest Uttaranchal College of Technology & Biomedical Sciences, Dehradun, 2014
- *Drying of agricultural product for its conservation*, Poonam Negi, et.al., accepted for oral presentation in National Seminar on Livelihood Generation in Hill States of India Based on Agriculture & Allied Sectors in Uttara-Agro-Fest Uttaranchal College of Technology & Biomedical Sciences, Dehradun, 2014
- *Chemical composition and Antimicrobial activity of Fatty Acids Methyl Ester of Quercus leucotriphora*, Poonam Negi t.al., accepted for oral presentation in National Seminar on Livelihood Generation in Hill States of India Based on Agriculture & Allied Sectors in Uttara-Agro-Fest Uttaranchal College of Technology & Biomedical Sciences, Dehradun, 2014.
- *“Evaluation of GHG Emission Mitigation of Evacuated tube type solar water heating system of 100 LPD in hilly locations of Uttarakhand”* Poonam Negi et.al.in National Seminar on Recent Trends in Micro & Macro Physics(NSRTMMP)October 12-13, 2011.
- *“Variability of Essential Oils Constituents of Leaves, Flowers and Bark of Caesalpinia decapetala and their Antimicrobial Activity”* Poonam Negi, et.al, presented in 4th Uttarakhand State Science and Technology Congress, November10-12, 2009.
- *Drug Discovery from Natural Products”* Poonam Negi,& D.S.Negi in National Seminar and workshop on application of RS and GIS in the Natural Resources Management

Sustainability and uses, September 11-13, HNBGU Srinagar, September, 11-13, 2008

- *“Chemical constituents from Leucaena leucocephala and Antifeedant activity of extract of some Himalayan Plants against Polyphagous pest Spodoptera litura,”* Poonam Negi & D.S. Negi in 3rd Uttarakhand State Science and Technology Congress, November 10-11, 2008.
- *“Evaluation of Antifungal Agents from Alianthus excelsa,”* Poonam Negi, Ashok Kumar & D.S. Negi, in 3rd Uttarakhand State Science and Technology Congress, November 10-11, 2008.
- *“Antifeedant Activity & Chemical Examination of Some Himalayan Plants”* Poonam Negi, et.al, in IUPAC sponsored – First International Conference on Agrochemicals Protecting Crop, Health and Natural Environment organized by IARI New Delhi, January, 08-11, 2008.
- *“Isolation of a New Coumarin and Antifeedant Activity of Extract of Skimmia anquetelia,”* Poonam Negi, et.al in International Tropical Ecology Congress by FRI Dehradun, December, 2007.
- *“Rare Flavones C-glycoside from Glycosmis arborea,”* Poonam Negi, et.al in 3rd Indo-Italian Workshop on Chemistry and Biology of Antioxidants by Delhi University, November 28-30, 2007.
- *“Isolation and Characterization of Flavonoids from Caesalpinia decapetata with Antifeedant Activity of Extracts of some Himalayan Plants Against a Polyphagous Pest Spodoptera litura,”* Poonam Negi, et.al in National Seminar on Green Chemistry and Natural Products organized by Delhi University November, 2007.
- *“Characterization of an Insecticidal Coumarin from Boienghausena albiflora,”* Poonam Negi and D.S. Negi; in IUPAC sponsored IInd International Seminar on Green/Sustainable Chemistry organized by Delhi University January, 2006
- 15 symposium on photochemistry and Ayurveda: potential and prospects, Universities journal of phytochemistry and ayurvedic heights. Held at Tasmia academy 03-Dec, 2016.
- Work shop on Climate Change & effective Waste Management Techniques, SRHU, 24-Sep, 2016
- National conference on future trends in communication and computation techniques, SAHE 22-Nov, 2013
- 3rd National conference on Bio-Meteorological Disasters: Impact, Assessment and Mitigation” organized by Uttaranchal

	<p>(PG) College of Technology & Biomedical Sciences, Dehradun. Feburary-2013</p> <ul style="list-style-type: none"> • Eighth National Conference of Chemistry teachers Conducted by HNB Garhwal University Srinagar (Garhwal), November 8-9, 2008 • National Seminar on Medicinal Plants: Conservation, Cultivation and Utilization organized conducted by Gurukul Kangri Vishwavidyalya, Haridwar, March, 9-11, 2007
Award/Certificate/Prize received	<ul style="list-style-type: none"> • Life time member of Scientific Planet Society • Member American Chemical Society (2018-19) • Letter of appreciation for coordinating all events SALS Yuva fest 2018
Any extra-curricular activities	<ul style="list-style-type: none"> • Coordinator : Department of Chemistry 2019 onwards • IQAC Criteria-2 Coordinator SALS, Uttaranchal University (2016 –till date) • Member of CRC, SALS, UU • Member DRC • Coordinator SALS, Yuva Fest – UU • Treasurer Eco Club • Member Secretary cultural committee SALS, UU • Member Women Cell UU(2016-17) • Member Secretary BOS 2017-18 & 2018-19 • Member BOS • Coordinator : Library Advisory Committee SALS UU • Coordinator: Value added course on Chemistry of Natural products