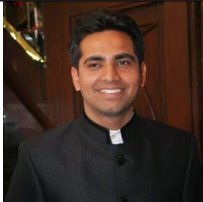


BRIEF PROFILE

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Current Research, If any	-	
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"> ● Gopalakrishnan Govindasamy, Rohit Sharma, Sunu Subramanian; Effect of Composition of Iron-Cobalt Oxide Catalyst and Process Parameters on The Hydrothermal Liquefaction of Sugarcane Bagasse; Bulletin of Chemical Reaction Engineering & Catalysis, 15 (1) 186- 198 & 2020, ● Gopalakrishnan Govindasamy, Rohit Sharma, Sunu Subramanian; Studies on the effect of heterogeneous catalysts on the hydrothermal liquefaction of sugarcane bagasse to low-oxygen-containing bio-oil Biofuels; Taylor & Francis), 10 (5) 665-675 & 2019, ● Shailey Singhal, Shilpi Agarwal, Naveen Singhal, Rajan Sharma, Rohit Sharma; Designing and operation of pilot scale continuous stirred tank reactor for continuous production of bio-methane from toxic waste; Environmental Progress & Sustainable Energy, 38 (1), 198-200 & 2019 	

	<ul style="list-style-type: none"> ● Dr. Rohit Sharma, Dr. Avanish K Tiwari Dr. Ajay Singh and Dr. Nishesh Sharma; Catalytic Hydrothermal Liquefaction of Microalgae using Fe-MCM 41 Catalyst in Presence of Carbon Monoxide; Asian Journal Of Chemistry, 31(3):690-694, 2019 ● Dr. Rohit Sharma, Dr. Nishesh Sharma, Dr. Avanish K Tiwari and Dr. Ajay Singh (2018); Agent based simulation of mixed algal cultures (two and three species) using biogas as CO2 source, International Journal of Applied Engineering Research, Volume 13, Number 6, PP. 3844-3851.
<p>Conferences/Seminars/Workshops/ FDP/MDP attended</p>	<ul style="list-style-type: none"> ● Tiwari, Shraddha and Chilkoty, Sangeeta and Sharma, Rohit, Effect of Catalyst on Hydrothermal Liquefaction Process (HTL) for the Production of Bio-oil (December 12, 2018). International Conference on New Horizons in Green Chemistry & Technology (ICGCT) 2018. Available at SSRN: https://ssrn.com/abstract=3299960 ● Bihal, Taneya and Devi, Archana and Sharma, Rohit, Production of Fame (Fatty Acid Methyl Esters) from Waste Carbon Sources by Aspergillus Niger (December 12, 2018). International Conference on New Horizons in Green Chemistry & Technology (ICGCT) 2018. Available at SSRN: https://ssrn.com/abstract=3299826 ● Sharma, Rohit and Bhatt, Shubham and Nishad, Saurabh and Singh, Utkarsh, Study of Electrohydrolytic Pretreatment on Lignocellulose Waste Material for Improved Production of Biomethane (December 12, 2018). International Conference on New Horizons in Green Chemistry & Technology (ICGCT) 2018. Available at SSRN: https://ssrn.com/abstract=3299820 ● 5 days Faculty Development Program on Innovative Techniques and Magnitude of Teaching Methodology in Higher Education at Uttarakhand University, Dehradun from 16 -22 July, 2018. ● Seminar IPR awareness programme for World IP Day 2018, Uttarakhand State Council for Science & Technology (UCOST), 26/4/2018 ● National conference on current research and development in plant sciences, Association of Plant Science Researchers, Dehradun, 28/01/2018. ● 5 days Faculty Development Program on Research Methodology at Uttarakhand University, Dehradun from 4-9 Dec, 2017. ● Rohit Sharma, Avanish K Tiwari, Bhawna Y Lamba and Giridhar Joshi, Exploration of 3rd generation biofuel feedstock for the continuous production of bio-methane under outdoor conditions, National

	<p>Conference on Biomass and Bioenergy, 12-13 June 2015, University of Petroleum & Energy Studies, Dehradun (Oral).</p> <ul style="list-style-type: none"> ● Rohit Sharma, G Sanjay Kumar, Dr. Avnish K. Tiwari, Modeling Biogas Production & CO₂ Removal by Algal Growth for Mixed Culture, National Conference on Biolife: The Amalgamation of Multidisciplinary Life Sciences" (NCBL-2013), Lkhnow. 9 10th March, 2013 (Oral). ● Rohit Sharma, G Sanjay Kumar, Dr. Avnish K Tiwari, Cost effective & economic method for cultivation of Chlorella pyrenoidosa for the simultaneous treatment of biogas digester wastewater and biogas production, 3rd National Conference on Recent Advances in Bioenergy Research' NIRE, Kapurthala, 22-24 Nov, 2013 (Oral). ● Rohit Sharma, G Sanjay Kumar, Avnish K Tiwari Cultivation of Chlorella pyrenoidosa for the simultaneous treatment of biogas digester wastewater and biogas production CHEMCON 2013, ICT, Mumbai, 27-30 Dec, 2013 (Poster).
Award/Certificate/Prize received	-
Any extra-curricular activities	-