Biofuel as an alternative futuristic fuel



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Abstract: Petroleum based fuels are limited reserves concentrated in certain region of the world. The dramatic increases in the price of petroleum, the finite nature of fossil fuels, increasing concerns regarding environment impact, especially related to greenhouse gas emission, health and safety considerations are forcing the search for new energy sources and alternative ways to power the world's motor vehicles. Among the various alternative energy sources, biofuel has become the emerging area of research due to its eco-friendly energy source, which can reduce the emissions, such as CO, CO_2, UBHC etc by replacing the fossil fuels with bio-origin. Biofuel is the power behind a green tomorrow and a key future asset for sustainability.

Keywords: Environment impact, fossil fuels, alternative energy, eco-friendly, diesel fuel, Sustainability

Biography

Dr. Pradip Lingfa did his master's and Ph.D degree from Indian Institute of Technology Delhi, India.He is currently serving as a Professor & Dean (Student's Affairs) at North Eastern Regional Institute of Science & Technology (Deemed to be University), under Ministry of Education, Govt. of India, Itanagar, Arunachal Pradesh. He has published 42 in reputed Journals, 20 International Conferences, 18 National Conferences. He has organised International Conference, Short Term Course, Regional Seminar, and an Industry Institute Interaction Programme. He has attended/participated in various Seminars, Workshops and Short Term Courses organised at various reputed Institutes and Universities throughout the Country and abroad.