

[Keynote Talk]: Quest for Sustainability in the Midst of Conflict Between Climate and Energy Security

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Abstract : Unprecedented natural as well as human made disasters have been responsible for loss of hundreds of thousands of lives, injury & displacement of millions of people and damages in billions of dollars in various parts of the world. Scientists, experts, associations and united nation have been warning about colossal disregard for human safety and environment in exploiting natural resources for insatiable greed for economic growth and rising lavish life style of the rich. Usual blame game is routinely played at international forums & summits by vested interests in developing and developed nations, while billions of people continue to suffer in abject energy poverty. Energy security, on the other hand, is becoming illusive with the dominance of few players in the market, poor energy governance mechanisms, volatile prices and geopolitical conflicts in supply chain. Conflicting scenarios have been cited as one of the major barriers for transformation to a low carbon economy. Policy makers, researchers, academics, businesses, industries and communities have been evaluating sustainable alternatives, albeit at snail's pace. This presentation focuses on technologies, energy governance, policies & practices, economics and public concerns about safe, prudent & sustainable harnessing of energy resources. Current trends and potential research & development projects in power & energy sectors which students can undertake will be discussed. Speaker will highlight on how youths can be engaged in meaningful, safe, enriching, inspiring and value added self-development programmes in our quest for sustainability in the midst of conflict between climate and energy security.

Keywords : clean energy, energy policy, energy security, sustainable energy

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