

Dr. Prem Prakash Mittal



Dr. Prem Prakash Mittal a dedicated nominee, retired from Power Department of Haryana (a provincial State in India), after an impressive service of 38 years. He has a passion for energy conservation and dedication to contributing to the saving of energy input and reducing CO₂ emission. He has made it his life mission to Champion Energy Conservation i.e. direct reducing CO₂ emission, thus creating a positive impact for future.

His dedication to this cause is appreciated and laudable from various organizations thus making a tangible impact for reducing the CO₂ emission. He has carried out about 2000 energy projects directly related to carbon footprint and green audits. It is in line with government of India policies. He is an Accredited Professional from Indian Green Building Council and also Certified as an ISO 14064-1 & 14064-2 as GHG Lead Verifier. He has been honored at National, International, State levels including accolades from Prime Minister of India & Chief Minister of Haryana.

As an Accredited Energy Auditor, he has identified Energy saving opportunity that could mitigate 105 MT of CO₂ emission, while achieving 10% -15% saving.

The main Green House gasses is CO₂ (Carbon-di-oxide) about 80.53%, CH₄ (Methane) -13.32%, N₂O – 5.13% and other gasses like HFCs, PFCs, and SF₆ – 1.02%. As carbon-di-oxide is the principal greenhouse gas hence in this trade is spoken as Carbon Market.

Nominee has been associated with PAT (Perform Achieve & Trade) which is a market based mechanism to enhance cost effective in improving energy efficiency in energy intensive large industries and facilities, through certification of energy saving, that could be traded. Since Govt. of India has set a specific energy consumption target for all designated consumers (about 1300 entities in various sectors, who consume 65% of the total energy available input). Out of

13 sectors, as designates by Govt. of India nominee is empanelled for 12 sectors and has carried out 240, Monitoring & Verification & Mandatory Eergy Audits of these entities. As per the PAT obligation the entities over-reaching the target are issued eCertificates while those under achieving are required to purchase eCertificates.

Govt. of India, Ministry of Power has shift this PAT Scheme to Carbon offset scheme. Now the target will be fixed for reduction of CO2 emission like PAT and the same procedure of issue of Carbon Credit. Non-obligatory entities to meet their emission reduction target and obligatory entities to off-set a specific percentage of their target. Since Dr. Mittal is whole-heartily and deeply attached with these activities since Carbon Credit will be traded through Indian Carbon Market to save Universe Earth and Planet as well as implement the term of Paris agreement, which was agreed by 195 countries, in the 21st Conference of UNFCCC in Paris, which was adopted on 12th December 2015.

Since Carbon sinks pay a great role for environment and generally carbon sinks is achieved through trees, oceans and soil, nominee is regularly preaching for tree-plantation for the last 16 years and had achieved very good results. While calculating achievement of tree plantation it is matter of satisfaction for hard-work of nominee as more tree plantation will result more carbon sinks.

Award moment -

<https://youtu.be/ybuzuYwk6VA>



Dr. P.P. Mittal, Receiving the Award Trophy For Outstanding Accomplishments in Promoting The Practices, Principles, And Procedures of Energy Engineering on 20-09-2016 at Washington



Dr. P.P. Mittal Receiving the First Prize as “Outstanding Entrepreneur” from Hon’ble Prime Minister of India Sh. Narendra Modi, on 18-10-2016 at Ludhaina, India



Dr. P.P.Mittal Addressing the Audience After Receiving the Award on 20-09-2016 at Washington



National Energy Conservation Award

This commendation certificate is awarded to

Dr. P.P. Mittal

Faridabad (Haryana)

in appreciation of their efforts in

Energy Conservation in the

Best Energy Auditors Sector

for the year 2016

Ministry of Power

New Delhi

14 December, 2016


*Secretary to the
Government of India*



Haryana Govt. recognized outstanding performance
Dr. Prem Prakash Mittal on Republic Day i.e. 26-Jan 2019.
Honorable Speaker of Vidhan Sabha Awarded **"Merit Certificate"**



In recognition of Outstanding performance in Entrepreneurship in Micro, Small & Medium Enterprises, Governor of Haryana confer **State Award and Merit Certificate** to Dr. Prem Prakash Mittal, Life member of JAAI





Dr. P. P. Mittal receiving the outstanding Entrepreneur Award from Honourable Prime Minister of India Sh. Narendra Modi on 30/06/2022 at Vigyan Bhawan, New Delhi.

Other dignitaries on stage Sh. Narayan Rane, MSME Minister, Sh. Bhanu Pratap Singh, Minister of State MSME



Dr. Prem Prakash Mittal, JAAI Life Member was awarded First Prize for “Energy Conservation” for the year 2022-23 by Sh. Ranjit Singh Chautala, Power & Renewable Energy Minister Haryana On 29th February, 2024