



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



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DEPARTMENT OF MECHANICAL ENGINEERING

ENFUSE

Report – Webinar on “Recent Trends in Energy Sources ”

12th DEC 2020

Resource Person: Mr.S. RAMALINGAM

Participants:95 Members

National president
ENFUSE
4B-1JP Towers, 7/2, Nungambakkam, ch-34
044048502133

The Department of Mechanical Engineering in association with **ENFUSE and IIC** organised a Webinar on the topic “Recent Trends in Energy Sources” on 12th DEC 2020

The topics covered in seminar are:

- To provide policy framework and directions to national energy conservation activities.
- To establish systems and procedures to measure, monitor and verify energy efficiency improvements in individual sectors as well as at the National level.
- To leverage multi-lateral, bi-lateral and private sector support in implementations of programs and projects on efficient use of energy and its conservation .
- To coordinate policies and programs on efficiency use of energy and its conservation with the involvement of stakeholders.
- To plan, manage and implement energy conservation programs as envisaged in the Energy Conservation Act.
- To demonstrate energy efficiency delivery mechanisms as, envisaged in the Energy Conservation Act, through private-public partnership.

Seminar Outcomes:

- Students gained knowledge about National Mission for Enhanced Energy Efficiency (NMEEE).
- Students gained knowledge about the Broadbased steering committee, with representation from various Ministries, CII, FICCI, NGOs, and academia.
- Students learned about the implementation of PAT cycle 1&2.
- Students acquired the new trends in Standards and Labelling .

Student’s suggestions

- Webinar is useful to update the application oriented knowledge in policy framework and direction to national energy conservation activities

This Webinar was coordinated by Mr. B .Samuvel Michael, Assistant Professor (Gr-II),
Prof.L.Prabhu-HOD, VP Admin, Department of Mechanical Engineering, and AVIT



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ENERGY & ENVIRONMENT - CURRENT ACTION PLANS AND STATUS IN INDIA

Aarupadai Veedu Institute of Technology
61 10 0908
N. SURESH KANTH
National President, ENPFI
Senior Executive Fellow, University of Waterloo,
Canada

Overall Investment in NREEE and the Expected Impact

S.No	Initiative	Investment Estimated (\$B. crore)	Fuel Saving (Million tons of oil equivalent)	CO2E Estimated saving (million tons)	Avoided Capacity (MW)
1.	FVI	18,081	9.78	26.21	5623
2.	ESSE	64,080	11.21	73.79	14,933
	Total	74,681	21.80	98.96	19,958