

Course list



(https://elearn.nptel.ac.in/wp-content/uploads/2021/12/Non_conventional_energy_Resources-scaled.jpg?v=c86ee0d9d7ed)

Non-conventional energy Resources

★★★★☆ (4 customer reviews)

₹3,000.00

Prof. Prathap
Haridoss
IIT Madras

*Additional GST and optional Exam fee are applicable.

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SKU: IIT Madras Category: NPTEL self paced courses (<https://elearn.nptel.ac.in/product-category/nptel/?v=c86ee0d9d7ed>)

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Description	Additional information	Certification Process
Course Details	Reviews (4)	



Course Details

- Week 1 :** Scale of quantities, Impact of current energy usage, Conventional sources of energy
- Week 2 :** Overview of non-conventional energy resources, Consumption by sector
- Week 3 :** Solar energy incident on earth, solar spectrum
- Week 4 :** Overview of solar energy technologies, Solar Thermal devices
- Week 5 :** Solar Photovoltaic devices, Performance and durability of solar devices
- Week 6 :** Wind energy, technology and geographical aspects
- Week 7 :** Geothermal and Biomass
- Week 8 :** Battery basics, types
- Week 9 :** Testing, performance of batteries
- Week 10 :** Fuel cell types, Fuel processing, concept to product.
- Week 11 :** Characterization and durability of fuel cells
- Week 12 :** Flywheels and super capacitors



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 Roll No:NPTEL18GE14521210264	
To NALLAMUTHU GOUNDER MAHALINGAM COLLEGE POLLACHI	
 26/1321	
No. of credits recommended by NPTEL:3	
Score	Type of Certificate
>=90	Elite + Gold Medal
80-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

**NPTEL Online Certification**
(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
MALATHI
for successfully completing the course
Non-Conventional Energy Resources
with a consolidated score of **68 %**

Online Assignments	14.69/25	Proctored Exam	53.25/75
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Total number of candidates certified in this course: **667**


Prof. A. Ramesh
Chairman
Center for Continuing Education, IITM


Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

 Indian Institute of Technology Madras



Roll No: NPTEL18GE14521210264

To validate and check scores: <http://nptel.ac.in/noc>