

## Project Ideas

1. Advantage of public transportation – an evaluation
2. Awareness on energy conservation
3. Assessment of energy consumption school campus
4. Assessment of electricity loss in a human habitat area
5. Assessment energy consumption pattern in preparation of different type of food
6. Evaluation of energy requirement of different cooking device and identification of energy efficient devices
7. Energy audit in home
8. Energy audit of residential school
9. Assessing energy potentialities of different biomass
10. Assessing pattern of solar energy over an area
11. Assessing energy potentialities of different plant parts
12. Assessing wind energy potentialities in a coastal area
13. Assessing energy potentialities of cow dung cake
14. Estimation of energy consumption in irrigation using water pump
15. Identification different cooking fuel and evaluating their energy efficiency
16. Assessing intensity of solar radiation
17. Assessing electricity consumption in a locality
18. Assessing cold energy from fire fly
19. Assessing potentialities of zero energy refrigeration system uses in traditional society
20. Harnessing energy through microbial fuel cell using mud of lake/pond/tank/river
21. Improvisation of traditional 'chulha' for multipurpose uses
22. Studies on use of firewood as fuel and its impact on indoor pollution
23. Impact electricity transmission line and street light on flora and fauna of a locality
24. Impact of raw coal transportation on human life
25. Traffic jam, energy consumption and pollution
26. Assessing impact of firewood collection on flora and fauna of a locality
27. Assessing energy potentialities and scope of improvisation of traditional water mill
28. Identification non-edible oil bearing seeds and its energy potentialities
29. Assessing biomass waste generated from agricultural practices and its energy potentialities
30. Assessing cow dung availability of village and estimating its energy potentialities
31. Comparing efficiency of cooling and heating of houses made of different building material
32. Housing orientation and its impact on indoor light availability and heating and cooling conditions
33. Assessing the impact of surrounding environmental situation of houses and its impact on indoor housing environment with special reference to energy issues
34. Assessing the role of landscape in environmental balance and energy conservation
35. Study on energy efficient habitat planning
36. Modeling of energy efficient irrigation system
37. Evaluation of energy efficiency of different cooking practices
38. Assessing access to different infrastructure of services and its impact on energy consumption for transportation and planning for improvisation
39. Mimicking nature and designing energy efficient system/device
40. Evaluation energy efficiency of different traditional devices use for lighting
41. Assessing energy dynamics of traditional and mechanized agricultural practices
42. Energy audit of rural industries/cottage industries of a locality
43. Driving habit and its impact on fuel consumption
44. Behavioral aspects of using electronic gadgets and its impact on energy consumption
45. Planning for energy plantation for household energy security