



Annai College of Arts & Science

Quality Education for Today & Tomorrow
Kovilacheri, Kumbakonam. 612 503. Ph: 0435 2453007

Accredited by NAAC with "B" Grade & Recognized by UGC under Section 2(f) & 12(B)
Affiliated to Bharathidasan University, Tiruchirappalli. E-Mail: acasdmn@gmail.com

ANNAI COLLEGE OF ARTS AND SCIENCE

BHARATHIDASAN UNIVERSITY

SUPPORTING DOCUMENT FOR 7.1.2

ALTERNATE ENERGY INITIATIVES



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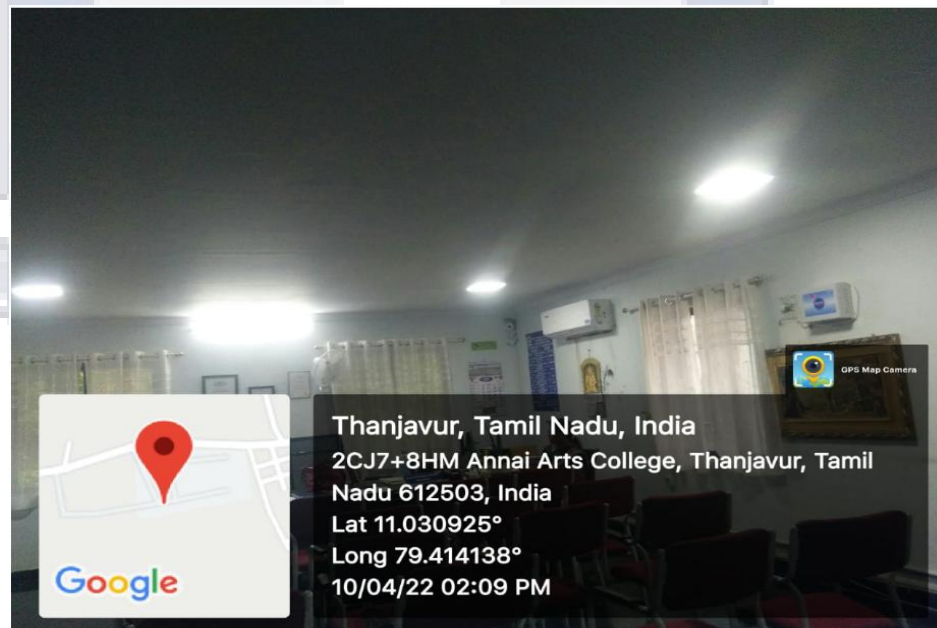
ALTERNATE ENERGY INITIATIVES

Discerning the significance of sustainable development several initiatives are carried out to make the campus environment friendly thereby identifying staff and students to become more sensitive to the ecological issues.

The architectural design of the college allows in maximum natural lighting and ventilation to save power.

Lights and fans are turned off when not required so as to minimize power consumption. To make the awareness of electricity through placards near the switch Board.

To curtail consumption of electrical energy, **fluorescent bulbs** are gradually being **replaced by LED bulbs**.





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Computers with LED/LCD monitors are used which consume low energy.





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Solar Power Panels have been installed on the roofs of the College. The Power produced from the panel is **34 kW per month** with total number of panels 122 and around 33.9 kW of power consumed .The Institution has proposed to install two phases of Solar Power Panel for street lamps.





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The biogas released acts as an environmentally sustainable energy source. In our Institute canteen daily about 30 kg of kitchen waste is obtained which can be utilized for better purposes. This work is to create an organic processing facility to generate biogas which will be more cost effective, eco-friendly, reduce landfill waste, generate a quality renewable fuel and reduce carbon dioxide and methane emissions. Biogas can be used as energy source for cooking and also for numerous purposes.




IQAC CHAIR PERSON

Principal
Annai College of Arts & Science
Kovilacheri, Kumbakonam 612 503