

MES COLLEGE MARAMPALLY

ENERGY & ENVIRONMENTAL CONSERVATION CLUB (EECC)

Annual Report 2023-24

One-day BLDC Workshop

As part of our institute's ongoing contribution to energy conservation efforts, the Energy and Environmental Awareness Club (EECC), in association with the Department of Electronics and IIC conducted a one-day workshop on BLDC Technology on 21 September 2023. The workshop's theme was to convert the existing traditional ceiling fans (10 nos.) of the Electronics Lab to energy-efficient BLDC fans. The Principal of the College, Dr. Ajims P Mohammed inaugurated the program. 30 students from various classes of the department were selected to participate in orientation classes and practical workshops during the one-day event. The workshop was conducted by Mr. Faizal C P, Mirano Tradelinks, Edavanna, Malappuram.



The program was divided into two convenient sessions with a theoretical session succeeded by a practical session. The theoretical session commenced at 10 AM. Students

gained in-depth knowledge on brushless direct current ceiling fans and conservation of energy as well in the session. The practical session started with disassembling old ceiling fans followed by reassembling components of BLDC fans into traditional ceiling fans. The whole process was not only energy efficient but time efficient too. Both the sessions were comprehensive, exciting, and informative. Students participated enthusiastically and were full of high praises about the session. Certificates to participants were distributed by Mrs. Rejeena KA, Head of the Department of Electronics during the Valedictory Session and the program ended at 4 PM.





Solar Power Plant Expo



Energy Conservation Awareness Programme in connection with MES Grand Fiesta 2024


As part of **MES Grand Fiesta 24**, the **Energy and Environmental Conservation Club** of MES College Marampally arranged a stall for the Solar Power Plant Expo and Consultancy Service in association with Energy Enterprises Ltd, Angamaly from 22 to 23 February 2024. The Solar Power Plant Expo plays a crucial role in promoting sustainable energy solutions. The expo covered not just the benefits and workings of solar paneling but also practical information on how to apply for subsidies to the public. Subsidies can significantly lower the financial barriers associated with the initial investment in solar technology, making it a more feasible option for a wider range of people.


With over 200 visitors and 20 expressing interest in installing solar panels at their homes, the event resonated with attendees and successfully conveyed the importance and feasibility of solar energy.

Devalakshmi K V, Haniya K M, Sahala P S from I BSc Electronics and Harikrishnan K V from BSc Physics served as volunteers during the expo. Having students volunteer at the Solar Power Plant Expo is a great opportunity for them, both in terms of education and professional development. For the students, engaging directly with the technology, the experts, and the public can deepen their understanding of solar energy's practical applications and societal impacts.




**ENERGY AND ENVIRONMENTAL
CONSERVATION CLUB (EECC)**

 **MES COLLEGE, MARAMPALLY**
In association with 

 **ENERGY ENGINEERING ENTERPRISES**
Angamaly, Ernakulam Dist.

 **SOLAR POWER PLANT EXPO
AND CONSULTANCY SERVICE**

"ഹരിത ഊർജ്ജം ഉപയോഗിക്കൂ
ഭൂമിയെ രക്ഷിക്കൂ..."

<p>ഇവിടെ ഇപ്പോൾ രജിസ്ട്രേഷൻ ചെയ്യൂ !!</p> <p>1000 രൂപ ഡിസ്കൗണ്ട് നേടൂ.</p>	<p>സോളാർ പവർപ്ലാന്റ് സംബന്ധിച്ച ഏതു സംശയങ്ങൾക്കും വിദഗ്ദ്ധ ഹെൽപ്പിനിയർ ഉത്തരം നൽകുന്നു. Cont: 9188252511</p>	<p>MNRE സബ്സിഡി വർദ്ധിപ്പിച്ചിരിക്കുന്നു. സോളാർ പ്ലാന്റ് സമാഹരിക്കാൻ സുവർണ്ണാവസരം</p>
<p> LPG ഉപയോഗം കുറയ്ക്കാം</p>	<p> EV വാഹനങ്ങൾ ചാർജ്ജ് ചെയ്യാം</p>	<p> കറന്റ് ബില്ലി ലാഭിക്കാം</p>



Dr. Shemí P M
Coordinator, EECC