



# MADHA DENTAL COLLEGE & HOSPITAL

(A Christian Minority Institution)

(Recognised by the Dental Council of India, New Delhi (F.No.v.12017/75/2006-DE dt.01.11.2011)  
and affiliated to the Tamil Nadu Dr. M.G.R. Medical University, Chennai)

Madha Nagar, Kundrathur, Chennai - 600 069. Ph.: 72739 01234, 72749 01234, Fax : 2478 0798  
E-Mail : info@madhadentalcollege.com Website : www.madhadentalcollege.com

Admin. Office : 1A, Chari Street, North Usman Road, T.Nagar, Chennai - 17. Ph : 2814 0212, Tele fax : 044-2814 0213

<p align="center"><b>ENERGY CONSERVATION POLICY</b></p>	<p><b>Policy No:</b> MDC/EC/2021/07 <b>Date:</b> 20-09-2021 <b>Issue:</b> 00 <b>Pages:</b> 1-2</p>
<p><b>POLICY</b></p> <p>Madha Dental College and Hospital is committed towards effective utilization and conservation of energy resources. The policy paves the way for effective energy management in the Institution by means of energy conservation, prohibiting energy exploitation, installing cutting-edge technology with built-in energy saving systems and developing alternate sources of energy. The policy applies to all stakeholders of the Institution.</p>	
<p><b>OBJECTIVES</b></p>	
<ul style="list-style-type: none"> <li>• To minimize energy consumption and cost</li> <li>• To improve energy efficiency</li> <li>• To install equipment's and machines with cutting edge technology with built-in energy saving systems</li> <li>• To assess energy usage and impact on environment</li> <li>• To minimize energy based environmental degradation</li> <li>• To develop and use alternate sources of energy</li> <li>• To conduct energy audit regularly to improve energy efficiency</li> <li>• To ensure prompt management of energy issues</li> <li>• To create awareness on energy conservation and efficient energy utilization among all students, faculties and staff members.</li> </ul>	
<p><b>Energy usage in the Institution</b></p>	
<p align="center"><b>Electrical energy</b></p>	<p align="center">Illumination, Ventilation, Air conditioning, Water management, Laboratory, dental chair compressors at specialties, Library, Hostel, Canteen</p>
<p align="center"><b>LPG</b></p>	<p align="center">Laboratory, Hostel mess, Canteen</p>
<p align="center"><b>Solar energy</b></p>	<p align="center">Street lights</p>





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## Action plan for Energy Management

### Minimize energy wastage

- Use of natural illumination and ventilation
- Conduct periodic audits
- Strict adherence to switching of electrical appliances, lights, fans etc., when not in use
- Active inspection by security guards around each department, classrooms, laboratories and administrative office at the end of each college day to ensure that all the electrical equipment's are turned off.

### Energy substitution

Installation and effective management of alternate sources of energy like solar energy street lights.

### Improve energy efficiency

- Procurement of energy conservation star labelled equipment's.
- Replacement of illuminating appliances with LED bulbs and tube-lights
- Instillation of sensor based lights and water taps

### Spread awareness

- To conduct Energy Awareness Programmes for all the staffs and students
- To encourage active participation of all stake-holders in energy conservation

Prepared by IQAC Co-Ordinator	Verified by IQAC Director	Approved by Principal
		 <b>PRINCIPAL</b> <b>MADHA DENTAL COLLEGE &amp; HOSPITAL</b> <b>KUNDRATHUR, CHENNAI - 600069.</b>