

Evaluative Report of the Department

Name of the Institution: Dr. Mahalingam College of Engineering and Technology		Name of the Department: Electrical and Electronics Engineering
District: Coimbatore		State: Tamil Nadu
Departments in the institution		
Sl. No.	Name of the Department	Electrical and Electronics Engineering
1.	Year of Establishment	2002
2.	Is the Department part of a School / Faculty of the Institution	yes
3.	Names of programmes offered	B.E -Electrical and Electronics Engineering M.E - Embedded System Technologies
4.	Number of teaching posts Sanctioned/Filled	18/25
5.	Number of Research Projects. Total grants received	Nil
6.	Inter —institutional collaborative projects and Associated grants received	
	National collaboration	NIL
	International collaboration	NIL
7.	Departmental projects funded by DST-FIST, UGC—SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	Nil
8.	Special research laboratofies sponsored by /created by industry or corporate bodies	* MCET-SWELECT Centre for Solar PV training and Research * The EKKI – MCET International Water Technology Centre
9.	Publications:	
	Number of Papers published	126
	Number of Books with ISBN	4
	Number of Citation Index – range / average	151
	Number of Impact Factor – range / average	8.26 - 0.6
	Number of h-index	20
10	Details of patents and income generated	2 granted- income generated is NIL
11	Areas of consultancy and income generated	Energy Auditing, Rs 9Lac
12	Awards/Recognitions received at the National and International level by :	
	Faculty	<ul style="list-style-type: none"> • Sr.Prof • Received Rs.5,00,000/- from AICTE and Rs.50,000/-from CSIR for organizing 3rd international conference on "Renewable Energy and Sustainable Environment 2019". • Received MODROBS from AICTE of Rs.16,00,000/- for Power Systems Lab AY 2019-20 Dr.A.Sakthivel Asso Prof & Mr.J.Senthilkumar AP Rs 1,00,000/. Received from AICTE under Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES) program AY 2021-22 Dr.M.Kaliamoorthhy • Asso Prof Recognized as Editorial Board Member International Journal of Distributed Generation and Alternative Energy Journal. AY 2020-2021 Received NPTEL Elite+Silver Certificate in Introduction to Machine Learning. AY 2021-2022 Dr. K.Uma Maheswari AP(SG) AICTE Chhatra Viswakarma Award 2020 AY 2021-22 Dr.B.Kishore • AP(SG) Sponsorship obtained from " Institute of Genomics and Integrative Biology" - CSIR Laboratory for conducting a Research Project titled "Development of Artificial Intelligence tools and biomarkers for the diagnosis of psychiatric disorders" AY 21-22 Paper " Correlation-Based Feature Selection using Bio-inspired Algorithms and KELM Classifier for Glaucoma Diagnosis" accepted for publication in Applied Soft computing Journal - Elsevier (SCI journal with an Impact Factor : 8.263 and a cite score of 12.4) - Q1 journal with a h-index of 156 AY 2022-23

	Doctoral/Post doctoral fellows	Nil
	Students	<p>Total Amount Received as Cash prize by Students (For Technical/ Non-Technical Events)</p> <p>Students Project under the scheme of TamilNadu State Council for Science & Technology</p> <ul style="list-style-type: none"> • Project Code:EEE-67 Received Cash Rs-10,000 • Project Code:EEE-20 Received Cash Rs-10,000 • Cash Award: Rs-100,000 (Autonomous vehicle - ARM design Challenge Competition ARM University, ACS 2017-2018 at IIT Bangalore) • Cash Award: Rs-10,000 (Project Design on Bharath Formula Karting Categy:Best Innovation), • Cash Award: Rs-40,000 (ACCS Design Challenge Competition) • Cash Award: Rs-750 (Project Display on Prepaid Energy Meter) • Cash Award: Rs-21000 (AICTE National Level-Chhatra Vishwakarma Award) • Cash Award: Rs-75,000 SIH Senior Hardware Edition in Smart India Hackathon 2022 at Indian Institute of Technology, Roorkee. • Cash Award: Rs-1000. Secured First Prize in Paper Presentation (National Level Technical Symposium) on Title "TECHIE TALKY" at PA College of Engineering & Technology, Pollachi. • Cash Award: Rs-500.Secured Second Place in Short Film on Lights Camera Action at PA College of Engineering & Technology, Pollachi.
13	How many students have cleared Civil Services and Defense Se examinations, NET, SET (SLET), GATervices and other competitive examinations	Nil
14	List of doctoral, post-doctoral students and research associates	Nil
	From the host institution/university	Nil
	From other institutions/universities	Nil
15	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	NIL