

Evaluative Report of the Department	
Name of the Institution: Dr. Mahalingam College of Engineering and Technology	
Name of the Department: Electronics and Communication Engineering	
District: Coimbatore	
State: Tamil Nadu	
Total Number of Departments in the institution	
Sl. No.	Name of the Department
1.	Year of Establishment
2.	Is the Department part of a School / Faculty of the Institution
3.	Names of programmes offered
4.	Number of teaching posts Sanctioned/Filled
5.	Number of Research Projects. Total grants received
#	Inter –institutional collaborative projects and Associated grants received
#	National collaboration
#	International collaboration
7.	Departmental projects funded by DST-FIST, UGC—SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received
8.	Special research laboratories sponsored by /created by industry or corporate bodies
9.	Publications:
	Number of Papers published
	Number of Books with ISBN
	Number of Citation Index – range / average
	Number of Impact Factor – range / average
	Number of h-index
10	Details of patents and income generated
11	Areas of consultancy and income generated
12	Awards/Recognitions received at the National and International level by :
	Faculty
	Doctoral/Post doctoral fellows

Electronics and Communication Engineering

1998

yes

B.E Electronics and Communication Engineering
M.E Communication Systems
PhD Electronics and Communication Engineering

28/28

In-house R&D Projects : 4
Total Grant: Rs.34,63,844/-

NIL

NIL

1.DST -1
2.ISRO-1
3.TNSCST-3
Total Grant: Rs. 34,63,844/-

MCET-E2S10T Centre
ASIC Centre of Excellence

65

6

1409

7.632 - 3

15

8

1. Machine Vision Systems – Rs.80,000/-
2. Bimetal-90,000/-
3. Cadence EDA tool utilization- Rs.18,354
Total Income: Rs.1,88,354/-

Technical Committee of International Arab Journal of Information Technology (IAJIT) in the year 2017
2. Ms.S.Sugunavathy, Assistant Professor received Certificate of Excellence from IIT-Bombay as one among the top performer in FDP 'Pedagogy for online and blended teaching learning process' in 2018.
3. Dr.R.Sudhakar, Professor and Head received "Outstanding Associate Editor award " from IEEE Access during 2019.
4. Ms. D. Reka & Ms.T.Sathiyapriya received "NPTEL Discipline Star Award - Dec 2019" from NPTEL during 2019.
5. Dr.S.Bharathi, Ms.V.Bhuvaneshwari and Mr.V.Gurunathan received "Best practice appreciation (under course category) in teaching learning convention -2019" conducted by NPTC & MCET, Pollachi during 2019.
6. Dr.R.Sudhakar, Professor and Head, received certificate of appreciation for serving as a reviewer for Journal of Imaging during 2020.
7. Dr.V.K.Sudha, Mr.D.Parthiban, and Ms.S.Sugunavathy received Best Paper Award in the "National Virtual Conference on Advanced Informatics, Electronics and Vision (NCAIEV' 21)" organized by Department of ECE, Dr.Mahalingam College of Engineering and Technology, Pollachi during 2021.
8. Ms.T.Sathiyapriya and Mr.V.Gurunathan received Best Paper Award in the "National Conference on Signal Processing, Communication and Networking (NCSPCN'21)" organized by Department of ECE, Sri Venkateswara College of Engineering, Chennai during 2021.
9. Mr.V.Gurunathan and Ms.T.Sathiyapriya received Primary evaluator for exceptional contribution certificate for Toyathon 2021 from MHRD Innovation Cell (MIC), AICTE during 2021.
10. Dr.S.Bharathi, received a certificate of Appreciation for the seminar given on "Empowering Women by imparting skills in Engineering" in Science festival – Vigyan Utsav

NIL

		<p>1. Selvi Varunika M won Individual championship in the Annual Sports meet conducted at Dr.MCET in the year 2016-17</p> <p>2. Selvan. S.Dhayalan, Selvan. R K Karthik Sridhar selected as Finalist for the paper titled ASIC Implementation of Truncation based multiplier conducted by Cadence India in 2019</p> <p>3. Selvan. S.Dhayalan, Selvan. R K Karthik Sridhar, selected as semifinalist out of 133 batches in Asia pacific region conducted by INTEL Corporation Ltd. They also won a NANO-kit and Certificate for completing their project in the year 2019.</p> <p>4. 47 students (8 teams) have successfully cleared the Quarter finals and entered into Semifinals of IICDC 2019, conducted by DST and Texas Instruments in January 2020. Each team received \$200 worth Texas Instruments Kit.</p> <p>5. 5 students successfully completed Quarter finals and entered into semifinals for the ACCS Design Challenge – ADC 2019 at IISc Bangalore, January, 2020.</p> <p>6. Mr. S Sathish Kumar, Achieved an Eminent world record (record ID-WRHOTCH3253) under the theme “World Biggest International Hands-on IoT & Ethical Hacking Workshop” from wikitechy and Microsoft Research Community Group, Chennai.</p> <p>7. Selvi. V. Kanimozhi scored 100% in the C programming Quiz conducted by Department of Computer Engineering, Govt Polytechnic College, Sankarapuram on 07.10.2020.</p> <p>8. D.Senthamizh Selvan, S.Arul Prakash and P. Vengateshvara have participated in the expo and presented their idea at Anna University, Chennai during 2020.</p> <p>9. Five students have completed participating in the Guinness world record event-Most users to take an online computer programming lesson in 24 hours by GUVI-AICTE on 24.04.2021.</p>
	Students	
		<p>Total: 15</p> <p>2017-18 - Nil</p> <p>2018-19 - 1 (outside the country - university of south Florida)</p> <p>2019-20 - 6 (CMAT - MBA (1), TANCET(3), GRE (1), IELTS (1))</p> <p>2020-21 - 2 (TANCET(1) (Gate - 1 Cleared)</p> <p>2021-22 - Nil</p> <p>2022-23 - 6 (3-IELTS + 1 - GRE = 3) + 2 TANC</p>
13	How many students have cleared Civil Services and Defense Se examinations, NET, SET (SLET), GATervices and other competitive examinations	
14	List of doctoral, post-doctoral students and research associates	
	From the host institution/university	Research Scholars Ongoing : 20 (11 internal + 9 external)
	From other institutions/universities	Total No of Scholars completed Ph.D during AY17-18 to AY 21-22 : 6 Nil
15	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	NIL