




TAGORE ENGINEERING COLLEGE

(A Member of Tagore Group of Institutions Chennai)

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

ACCREDITED BY IQAC-NAAC WITH 'A' GRADE

FACULTY PROFILE

PERSONAL DETAILS			
Name & Qualification	Poomari Durga K		
Designation	ASSISTANT PROFESSOR		
Department	Artificial Intelligence and Data Science		
Total Teaching Experience	12		
Total Research Experience	3		
Total Industry Experience	-		
Area of Specialization	DBMS, Computer Networks		
AICTE Faculty ID			
Email ID	durgaparamasivan18@gmail.com		
EDUCATIONAL DETAILS			
Degree	Branch/ Specialization	University	Year
UG	B.Tech -Information Technology	Anna University	2005
PG	M.Tech -Computer Science and Engineering	SRM University	2013
PG	MBA[HR]	IGNOU University	2008
Phd	Computational Intelligence	SRM University	Pursuing

RESEARCH / PUBLICATION DETAILS

Publications in Journal

“Temporal Attention Network for Multiclass Classification of Variable -Length ECG signals in Arrhythmia Detection with CNNE Model” got acceptance in SSRG-International Journal of Electronics and Communication Engineering SSRG-International Journal of Electronics and Communication Engineering

Conference Proceedings

1. Poomari Durga. K and M. S. Abirami, "AI Clinical Decision Support System (AI-CDSS) for Cardiovascular Diseases," 2023 International Conference on Computer Science and Emerging Technologies (CSET), Bangalore, India, 2023, pp. 1-7, doi: 10.1109/CSET58993.2023.10346885.
2. Poomari Durga, K., & Abirami, M. S. (2022, March). An IoMT Based Prediction Model for Cardiac Monitoring Using Machine Learning Algorithms. In International Conference on Deep Sciences for Computing and Communications (pp. 103-118). Cham: Springer Nature Switzerland.
3. Poomari Durga. K and M. S. Abirami ,”Analysis of Various Machine Learning Algorithm for prediction of heart disease”,ICES2021 Fall Conference of the Korean Society for Emotion and Sensibility (KOSES, South Korea)

Books / Chapters Published

1. Poomari Durga, K. (2024). Intelligent Support for Cardiovascular Diagnosis: The AI-CDSS Approach. In Using Traditional Design Methods to Enhance AI-Driven Decision Making (pp. 64-76). IGI Global.

Fund Received

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Patent Applied / Published/Granted

CITATIONS	-
H-INDEX	-

RESEARCH GUIDANCE DETAILS

Sl.No	University	Supervisor ID / Reference
1	Anna University, Chennai	-
2	Number of UG Scholars Guided	-
3	Number of PG Scholars Guided	-
4	Number of Ph.D. Scholars Guided	-
5	Number of Ph.D. Scholars Pursuing	-

PROFESSIONAL SOCIETY MEMBERSHIP DETAILS

Sl.No	Professional Society Name	Member ID