DEPARTMENT OF MECHANICAL ENGINEERING
GOVERNMENT COLLEGE OF ENGINEERING-BARGUR
(AUTONOMOUS)
KRISHNAGIRI- 635 104, TAMILNADU
Approved by AICTE, New Delhi and Affiliated by Anna University, Chennai

1. Name	**:**	Vinothkumar C
2. Designation	**:**	Assistant Professor (TEMP)
3. Department	**:**	Mechancial Engineering
4. Institute Name	**:**	Government College of Engineering Bargur
5. Address	**:**	#ME201, Department of Mechanical Engineering, Government College of Engineering Bargur Krishnagiri 635104
6. Telephone (office)	**:**	04343292515 Mobile: 9080899320
7. E-mail	**:**	vinocm09@gmail.com
8. Date of Birth	**:**	09.01.1988
9. Sex (M/F)	**:**	Male

10. Academic Qualification (Undergraduate Onwards)

S.No.	**Institution Place**	**Degree Awarded**	Year	**Field of Study**
1.	VIT,Vellore	Ph.D (On Going)	2020 Joined	Surface Coating On Mg Alloy For Bio Medical Application
2.	Anna University/Andal Alagar College Of Engineering	M.Tech	2015	Manufacturing Engineering
3.	Anna University / Adhiparasakthi Engg College, Melmaruvathur	BE	2011	Mechanical Engineering

11. **Professional Career:**

S.No.	Positions held	Name of the Institute	From	To
1	Assistant Professor (ADHOC)	Government College of Engineering, Bargur	11.03.2024	Till date

13. Publications list.

S.No	Research papers, Reports	General Articles	Others (Please Specify)
Number	4		
Titles	1. Insights on Anti-corrosion Coating of Magnesium Alloy: A Review. 2. Investigation of the morphological studies of a Composite Coating Comprising (anatase TiO2, CeO2and HAp) on Magnesium Alloy AZ31B using the Plasma Electrolytic Oxidation (PEO) Method for Orthopedic Implants. 3. Insights from Degradation and Anti-Corrosive Coating on Magnesium Alloy for Biomedical Applications: A Review. 4. Corrosion resistance of hybrid plasma electrolytic oxidation coatings on AZ31B magnesium alloy in simulated body fluid.		

S.No	Author(s)	Title	Name of Journal	Volume	Page	Year
1	Vinoth Kumar, C., Rajyalakshmi, G., & Kartha, J.	Insights on Anti-corrosion Coating of Magnesium Alloy: A Review.	Journal of Bio-and Tribo-Corrosion.	Online	9(1), 13	2023
2	Vinoth Kumar, C., Rajyalakshmi, G	Corrosion resistance of hybrid plasma electrolytic oxidation coatings on AZ31B magnesium alloy in simulated body fluid	Corrosion Engineering, Science and Technology.	Online	59(3), 205-219.	2024
3	Vinoth Kumar, C., Rajyalakshmi, G.	Investigation of the morphological studies of a composite coating comprising anatase TiO2, CeO2and HAp on magnesium alloy AZ31B using the plasma electrolytic oxidation (PEO) method for orthopedic implants	International Journal of Materials Research (formerly: Zeitschrift fuer Metallkunde)	Accepted	-	2024

4	Vinoth Kumar, C., Rajyalakshmi, G.	Insights from Degradation and Anti-Corrosive Coating on Magnesium Alloy for Biomedical Applications: A Review.	Transactions of the Indian Institute of Metals.	Accepted	-	2024