


FACULTY PROFILE

Name of Teaching Staff / RMK ID	Mr. Harish Gnanasambanthan G / T1136			
Designation	Asisstant Professor			
Department	Electronics and Communication Engineering			
Date of Joining the Institution	03.07.2024			
Qualifications	B.E.(ECE)	M-Tech (BioMedical)	Ph.D (Flexible Electronics, in Biomedical Application)	
Total Experience	NIL			
Papers Published in Journal	Overall : 4		After Joining RMK :	
List of Papers Published	<ol style="list-style-type: none"> 1. Gnanasambanthan, H., Ghosh, D., Hemavathy, K., Tyagi, A., Addy, S. and Maji, D., 2024. Study of electrical conductivity, biocompatibility and degradation effect of copper electrodes with hydrogel coatings for use in flexible electronics. Applied Physics A, 130(5), p.273. 2. Gnanasambanthan, H. and Maji, D., 2023. Development of a flexible and wearable microelectrode array patch using a screen-printed masking technique for accelerated wound healing. ACS Applied Electronic Materials, 5(8), pp.4426-4436. 3. Gupta, I., Choudhury, M., Gnanasambanthan, G.H. and Maji, D., 2023. Optimization of Microstructure Patterning for Flexible Bioelectronics Application. International Journal of Electrical and Electronics Research, 11(3), pp.738-742 4. Gnanasambanthan, G.H. and Maji, D., 2022. Simulation and Fabrication of Micro-Electrode Arrays for Electrical Stimulation Induced Wound Healing. IEEE Access, 10, pp.131855-131866. 			
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 5		After Joining RMK :	
Ph.Ds / Projects Guided	Ph.Ds Guided : NIL		Student Projects Guided : 15	
Books	Count :			

Published :	NIL	
Patents	Published Count :	Granted Count : NIL
	List : 1. Published a patent on the title “TMPS SYSTEM- A NEW VENTURE IN DIAGNOSIS AND MANAGEMENT OF TMJ DYSFUNCTION IN MALOCCLUSION PATIENTS ” on Feb 2024, Patent No. : 518083, Application No. : 202141060768	
Professional Memberships	Count :	
Consultancy Projects Completed	Count : NIL	
Awards Received	Count : Nil	
Research grants Received	NIL	
Orchid Link / ID	ID : https://orcid.org/0000-0003-4187-1382	
Google Scholar Link / ID	ID : https://scholar.google.com/citations?user=mE_p5EAAAAJ&hl=en	
Research Gate Link / ID	ID: https://www.researchgate.net/profile/Harish-Gnanasambanthan	
Scopus Link / ID	ID :	