


Name of the Department: Biomedical Engineering

Name of the Faculty		Dr. G. BABU		
Designation		Head of the Department		
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Qualification	UG	B. E.	Electronics and Communication Engineering	
	PG	M. E.	Medical Electronics	
		(M.Sc.)	Cyber Forensics and Information Security	
	PhD		Biomedical Imaging	
Experience		Teaching: 18	Industry: 03	Research: 04
Papers Published in Journals		International : 16		National : 07
Papers Presented in Conferences		International : 14		National : 06
Patents-IPR		Published : 09		Grant : 01

***Awards / Achievements / Funded Projects / Consultancy**

- **Best Project award 2022** issued by IIT Chennai for PALS 3D Hackathon titled as “Design of Human Prosthetic Hand” at Chennai.
- **Session Jury** of International Conference ICA5NT at Department of Electronics and Communication Engineering, Velammal Institute of Technology on 28-29.04.2022.
- **Scrutiny committee member** for MSME ideas in south zone at Velammal institute of technology on 05.04.2022
- **Resource person and speaker** of webinar on Biomedical Engineering challenges and opportunities at Jayasakthi Engineering college on 05.03.2022.
- **India Prime Professor award 2021** received in grateful recognition for enduring commitments to exceptional contribution towards education in appreciation of visionary guidance and exemplary leadership skills.
- **Inauguration address and session lecture** of “Analysis of neurodegenerative using brain image fusion” on ISTE sponsored five days FDP from 20-24.12.2021 at Department of Electronics and Instrumentation Engineering, Sri SaiRam Engineering College
- **Chief Guest speaker** of online national conference on Recent Trends and Innovation in Bioengineering Applications (NCRTBP-2021) at Biomedical Engineering Department, SMK Fomra Institute of Technology, Chennai on 30.04.2021.

- **Resource person and speaker** of Live 2 Days webinar series on “Current trends in Medical Image Processing” at Jagannath Institute of Technology, Chennai on 30-31.03.2021.
- **Inspiring Professor Award** conferred for the outstanding contribution in the field of education and continued dedication towards the bright future of the students by Madras Journal Series Limited on 05.09.2020 at Chennai.
- **Best Academic Excellence Award 2020** issued by Institute of Scholars an ISO 9001:2015 certified Institute by International Accurate Certification, Accredited by UASL, Bangalore.
- **Best Researcher Award** received by VDGooD Technologies on April 11,12-2020 at Hyderabad.
- **Resource Person** of AICTE’s STTP in Vel-Tech Multitech Engineering College on 05.12.2020 and VeJammal Institute of Technology on 08.12.2020 & 16.12.2020.
- **Student Project as “DIP and Intervehicle Communication In Combat Vehicle Using IoT” Won Rs.50,000/-** SVCE, Bengaluru, India for **Smart India Hackathon-2018**, Ministry of Defence, Govt. of India.
- **Student Project as “DNA microarray spot finder for memory loss detection”** funded Rs.7500/- by **Tamilnadu State Council For Science And Technology (TNSCST), Government of Tamilnadu, India.**
- **Student Research Project as “Intelligent Home Navigation System using Voice Patterns”** as funded Rs. 100000/- by **Innovation and Entrepreneurship Development Centre, Government of India.**
- **Student Research Project “Infrared based Glucometer with insulin calculator and updation in cloud server”** won First Prize, **TI Innovative Challenge, India.**
Link: <https://youtu.be/jVuieJ JHOs>
- **03 Books** are published and **01 Book Chapter** has published
- **SWAYAM - NPTEL - 10 courses , Coursera : 05 courses&ARPIT – 01 Course is completed**
- **Professional Membership**
 - IEEE : 93598421
 - ISTE : LM 105495
 - IACSIT : 80337222
 - F-BioMed : FB-M-19-003008
 - InSc : 20200262

Academic Profile:

<https://bme.srmeaswari.ac.in/faculty/>

<https://www.linkedin.com/in/dr-babu-g-87a35811b/>

Research Profiles: [Publons](#), [Scopus](#), [OrciD](#), [Google Scholar](#)