

**DEPARTMENT OF BIOMEDICAL ENGINEERING**

**Research**  
**Journal Published Details**

S.No.	Name of all Authors	Title of the Paper	Name of the Journal	page	year
1.	D Satheesh Kumar <sup>1</sup> , S S.Saravanasundaram <sup>2</sup> , K Subhashree <sup>3</sup>	Game theory based Survey on Energy- Efficient Routing Protocols in Wireless Sensor Networks	Journal of Xi'an Shiyu University, Natural Science Edition ISSN :1673- 064X	195-200	2020
2.	C. D. Prem Kumar <sup>1</sup> S. Saravana Sundaram <sup>2</sup>	Metaheuristics with Optimal Deep Transfer Learning Based Copy- Move Forgery Detection Technique	Intelligent Automation & Soft Computing Tech Science press	881-899	2022
3.	T.Murugeswari <sup>1</sup> Dr.S.Rathi <sup>2</sup>	QOS Distributed Routing Protocol for Mobile Ad-Hoc Wireless Networks Using Intelligent Packet Carrying Systems	Design Automation for Embedded Systems	201-213	2018
4.	T.Murugeswari <sup>1</sup> Dr.S.Rathi <sup>2</sup>	Priority and Interference Aware Multipath Routing Based Communications for Extreme Surveillance Systems	Computer Communication s	537-546	2020
5.	T.Murugeswari <sup>1</sup> Dr.S.Rathi <sup>2</sup>	Cooperative and Optimized QoS Enhanced Distributed Multipath Routing Protocol in Hybrid Wireless Networks	International Journal of Innovative Technology and Exploring Engineering	1656-1664	2020

6.	T Dharanika <sup>1</sup> , S Nagakumararaj <sup>2</sup> , M Ganga <sup>3</sup> & T Malini <sup>4</sup>	Investigation and Development of Complex Electric Super Bikes	Turkish Journal of Physiotherapy and Rehabilitation	5593-5601	2021
7.	Ganga, M <sup>1</sup> & Vasanthanayaki, C <sup>2</sup>	Improved dP P&O MPPT for Photovoltaic System Using Solar Irradiation Modeling	Journal of electrical Engineering	77-92	2019
8.	Ganga, M <sup>1</sup> & Vasanthanayaki, C <sup>2</sup>	A Literature Survey on Multilevel Inverter Topologies and Control Strategies	International Journal of Applied Engineering Research	36-40	2017
3	Mrs.S.Shobha Christila	Smart Blind Walking Stick with Integrated Sensor	Materials Proceedings	Mater. Proc. 2022, 10(1), 12	2022
4	Mrs.S.Shobha Christila	Dynamic Oxygen and Nebulization Delivery System Using LIFA	International Research Journal Of Engineering and Technology	1471-1474	2022
5	Mrs.S.Shobha Christila	PC based audiometer generating audiogram to assess acoustic threshold	International Journal Of Pure And Applied Mathematics	13939-13944	2018
6	Mrs.S.Shobha Christila	A wearable device for measuring hydration and body fat	International journal of advanced research	1765-1771	2017
3	Mrs.S.Shobha Christila	Smart Blind Walking Stick with Integrated Sensor	Materials Proceedings	Mater. Proc. 2022, 10(1), 12	2022
9.	M Deeparani <sup>1</sup> , Nandhini S <sup>2</sup> , Prabhakaran V, krishnaveni R, Povesh M	COVID safety Entrance System	International Journal of scientific research in Engineering and Management,	2582-3930	2022

10.	M Deeparani <sup>1</sup> P.E. Kamalakkannan <sup>2</sup>	Internet of things for healthcare systems	International Journal of Innovative Technology and Exploring Engineering,	1844-1848	2019
11.	Deeparani <sup>1</sup> , Kalamani <sup>2</sup> , Krishnamoorthi <sup>3</sup>	A survey on ultrasound image segmentation algorithm for detection of female pelvic masses	International Journal of Recent Technology and Engineering,	23-25	2019
12.	Deeparani M <sup>1</sup> , Gayathri S R <sup>2</sup> , Ishwarya P <sup>3</sup> , Pranav J P <sup>4</sup>	Virtual Eye for the visually challenged	International Research Journal of Engineering and Technology, Volume 6, Year 2019, Pages 7543	7543-44	2019

**Books / Book chapter published details**

<b>S.No.</b>	<b>Name of all Authors</b>	<b>Title of the Book / Chapter</b>	<b>ISBN Number</b>	<b>Name of the Publisher</b>
1	Dr .S. SaravanaSundaram	Renewable Energy Sources For Biomedical Application	978-93-95632-92-8	IIP Proceedings
2	Dr.S.Selvaperumal Dr.S.SaravanaSundaram	Cascaded H-bridge Inverter Control for Grid Connected DC Power Source	978-620-0-50273-5	Lambert Academic Publishing
3	Dr.M.Ganga Dr.C.Vasanthanayaki	Solar Photovoltaic Power Generation System	978-620-5-52003-1	LAMBERT Academic Publishing
4	Dr.K.Madhan Mr.Radhakrishnan.P Dr.K.Sekar	IOT based wireless microwave power transmission using rectenna	9781799893165	IGI GLOBAL Publisher of timely knowledge.