

## DEPARTMENT OF BIOMEDICAL ENGINEERING

### Research Funding Details

S.No.	Name of the Faculty	Name of the Project	Funding Agency	Amount Sanctioned (Rs.)	Status of the project
1.	Dr .S. Saravana Sundaram	Skill And Personality Development Program Center For SC/ST Students	AICTE	Rs.15,88,533/-	On-going

### Patent Granted Details

S.No.	Name of Inventor	Title of Invention	Patent Number	Term of Patent	Status of Patent
1.	Dr .S. Saravana Sundaram	An Energy Storage System For Distributed Renewable Energy Source In Distribution Network	2020104350	Eight years from 26 December 2020	Granted

### Scopus Journal Published Details

S.No.	Name of all Authors	Title of the Paper	Name of the Journal	Vol. / Issue	page	year
1	D Satheesh Kumar 1, S S.Saravanasundaram 2, K Subhashree 3	Game theory based Survey on Energy-Efficient Routing Protocols in Wireless Sensor Networks	Journal of Xi'an Shiyou University, Natural Science Edition ISSN :1673-064X	Volume 16 ISSUE 9	195-200	2020

2	C. D. Prem Kumar1,* and S. Saravana Sundaram 2	Metaheuristics with Optimal Deep Transfer Learning Based Copy- Move Forgery Detection Technique	Intelligent Automation & Soft Computing Tech Science press	Volume 35 Number 1	881- 899	2022
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### **Books / Book chapter published details**

S.No.	Name of all Authors	Title of the Book / Chapter	ISBN Number	Name of the Publisher
1	Dr .S. Saravana Sundaram	Renewable Energy Sources For Biomedical Application	978-93- 95632-92-8	IIP Proceedings
2	Selvaperumal Sundaramoorthy Sivagama Sundari Meenakshi Sundaram Dr. S. Saravana Sundaram Sakthivel	Cascaded H-bridge Inverter Control for Grid Connected DC Power Source	978-620-0- 50273-5	Lambert Academic Publishing

### **NPTEL Course Completed details**

S.No.	Name of the Faculty	Name of the course	Year
1	Mrs. M. Deeparani	Medical Image Analysis	Jul-Oct 2022
2	Mrs. M. Deeparani	Accreditation and Outcome Based Learning	Aug-Oct 2022
3	Mrs. S. Shobha Christila	Biomedical Nanotechnology	Sep-Oct 2020