



# St. JOSEPH'S COLLEGE OF ENGINEERING

(St. Joseph's Group Of Institutions)

OMR, CHENNAI -600 119

Department of Electrical and Electronics Engineering

STAFF PUBLICATIONS

(Academic Year-2017-2018)



## UGC JOURNALS :

Sl. No	Publication details (Authors, Title, Journal, Volume, Issue, Pages, Year, ISSN, (DOI) etc.	UGC Approved Journal number
1	<b>Nishant S ,Jayarama Pradeep</b> , Quadratic Boost converter using pi filter for distributed generation system,*International journal of pure and applied mathematics, Vol 118, No11 pp 137-144	23425
2	<b>Venkaatesh Kumar. C Ramesh Babu, M</b> Application of Cauchy Mutated Memetic Particle Swarm Optimization Algorithm to Economic Dispatch Problem with Practical Constraints ,*Interciencia, Vol. 1, No. 1, pp. 132-147, January 2018.	03781844

**SCI & Impact factor Journals:**

Sl. No	Publication details (Authors, Title, Journal, Volume, Issue, Pages, Year, ISSN, (DOI) etc.	Impact factor (SCI)	H- index (Scopus)
1	<b>Jayarama Pradeep,</b> R. Devanathan Robust Feed forward Torque Control Of Surface Mounted PMSM Using Discrete Event System Approach, Journal of Electrical Engineering, Vol 17, Edition 3Pp 1-10	0.597	22
2	<b>Nishant S Jayarama Pradeep,</b> Quadratic Boost converter using pi filter for distributed generation system,*International journal of pure and applied mathematics, Vol 118, No11 pp 137-144	-	21
3	<b>Venkatesh Kumar. C Ramesh Babu, M</b> Application of Cauchy Mutated Memetic Particle Swarm Optimization Algorithm to Economic Dispatch Problem with Practical Constraints ,*Interciencia, Vol. 1, No. 1, pp. 132-147, January 2018.	-	30
4	<b>P.Anbarasan</b> A Reduced Switch count asymmetrical three phase multilevel inverter topology,*Journal of Electrical Engineering	0.597	22

**CONFERENCE PUBLICATIONS:**

Sl. No	Publication details (Authors, Title, Journal, Volume, Issue, Pages, Year, ISSN, (DOI) etc.	H- index (Scopus)	UGC Approved Journal number
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1	<b>Sam Reji Joseph,Sai Vighnesh P, Chamundeeswari V</b> Implementation of fuzzy sliding Mode control for Negative output Superlift Luo converter, International Conference on Electrical Electronics and communication Engineering, July 2017.	-	-
2	<b>Rajendra mayavan, Jaganath, V.Chamundeeswari</b> Automated Hydroponic system for deep water culture to grow tomato using ATMEGA328, International Conference on Electrical,Electronics, Computer science, Mathematics, Physical Education and Management, June 2017	-	-
3	<b>Jayarama Pradeep S.Sridharan</b> Low cost mobile safety band for fishermen using Bluetooth technology Proceedings of the International Conference on Technological Advances in Mechanical Engineering Pp 374-378 Sep 2017	-	-
4	Koushika A Kirthana D <b>Vedhavalli S P</b> Retinal Scanner and fingerprint detection for bank access National conference on cotemporary approaches of industrial –IOT in real time environment Dec 2017	-	-

### Book chapters & Books published :

Sl. No	Publication details (Authors, Title, Book name, Pages, Year, Publisher, ISBN, (DOI) etc.
1.	Mr.T.D.Sudhakar has contributed a chapter in a book titled “New Frontiers in Graph Theory” is a collection of latest research work in the area of Graph theory, edited by Dr. Yagang Zhang, North China Electrical Power Industry, Published by Intech.
2.	Electric Energy generation ,utilisation and conservation,Dr.N.Chidambararaj & Mr.T.Srianandhaganesh,ARS publications, 978-93-84608-55-2 (ISBN No.)
3.	Power quality, Mr.T.Srianandhaganesh, ARS publications, 978-93-84634-77-3(ISBN No.)

4.	HVDC, Ms.S.Divya, ARS publications ,978-93-84634-54-4 (ISBN No.)
5.	FACTS, Dr.N.Chidambararaj, Mr.K.Aravindhan,ARS publications, 978-93-84608-22-4(ISBN No.)
6.	V.Krishnakumar Efficient Performance of Escalation in live migration with downturn in the migration time and down time, Springer-Cluster Computing

**Total no.of staffs: 46**

**Total No.of.Publications : 16 ( 2+4+4+6)**

**HOD/EEE**