


Name	Dr. C.SANTHA KUMAR			
Department	ELECTRICAL AND ELECTRONICS ENGINEERING			
Qualification	B.E, M.E, PH.D			
Area of Specialization	POWER ELECTRONICS , RENEWABLE ENERGY , ELECTRICAL MACHINES.			
Date of Joining (KSR IET)	01-07-2011			
Experience (as on 30.05.2020)	Teaching:8.10 yrs	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 03	
Number of Papers Presented	National Conferences : 02		International Conferences : 02	
Books Published	National Publisher : 00		International publisher : 00	
Contact Details	E Mail:sss.santha79@gmail.com Mobile:99528-41020			

Publications (International Journals)

1. Santha kumar C, Shivakumar R & Bharatiraja C 2017, “A pulse width modulation for PV connected Diode assisted Z-source NPC- MLI to obtain high voltage gain”, Journal of Electrical Engineering, ISSN 1582-4594, vol. 17,no. 4 pp.290-297.
2. Santha kumar C, Shivakumar R & Bharatiraja C 2018, “A self Balancing Space Vector PWM for Z Source T Multilevel Inverter”, Journal of Electrical Engineering, ISSN 1582-4594, vol. 18,no. 3 pp.135-143.

3. 3. Santha kumar C, Shivakumar R & Bharatiraja C & Sanjeevikumar P 2017, “Carrier Shifting Algorithm for the Mitigation of circulating Current in Diode Clamped MLI Fed Induction Motor Drive ”, International Journal of Power Electronic and Drive System, ISSN 2088-8694, vol. 08,no. 2, pp.31-39.

Publications (International Conferences)

1. C.Santha kumar “Sequential control of soot blower in recovery boiler using PLC”, International conference on Recent Trends in Engg. And Technology, KSR institute for Engineering and Technology, 17th March, 2017.
2. C.Santha kumar “Grid frequency based Load control system using PIC microcontroller”, International conference on Recent Trends in Engg. And Technology, KSR institute for Engineering and Technology, 17th March, 2017.

Publications (National Conferences)

1. C.Santha kumar “Vehicle monitoring and Accident Prevention using MEMS accelerometer with GPS tracking”, 5th National conference on Recent Trends in Electrical science, KSR institute for Engineering and Technology, 26th Feb., 2015.
2. C.Santha kumar “Design and Implementation of Multi-level Inverter for Photovoltaic system using FPGA controller”, National conference on Recent Trends in Power engineering, KSR institute for Engineering and Technology, 26th Feb., 2015.

Books /Instruction materials/monographs published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	-----	-----	-----	---

Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	-----	-----	----	---

Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	----	----	-----	-----

Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.	-----	-----

Training Offered

- **NIL**

Membership in Professional Bodies

- **Indian Society for Technical Education (ISTE) - Life Member (LM 42267)**