




# TAGORE ENGINEERING COLLEGE

(A Member of Tagore Group of Institutions Chennai)

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

ACCREDITED BY IQAC-NAAC WITH 'A' GRADE

## FACULTY PROFILE

PERSONAL DETAILS			
Name & Qualification	T.K.S.SATHYA NARAYANAN M.E.,(Ph.D)		
Designation	ASSISTANT PROFESSOR		
Department	ELECTRICAL AND ELECTRONICS ENGINEERING		
Total Teaching Experience	10 YEARS 6 MONTHS		
Total Research Experience	NIL		
Total Industry Experience	NIL		
Area of Specialization	POWER ELECTRONICS AND DRIVES		
AICTE Faculty ID	1-3562353999		
Email ID	tkssathyanarayanan@tagore-engg.ac.in		
EDUCATIONAL DETAILS			
Degree	Branch/ Specialization	University	Year
UG	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	PERIYAR UNIVERSIRY, SALEM	2005
PG	M.E POWER ELECTRONICS AND DRIVES	ANNA UNIVERSITY	2008
Ph.D	FACULTY OF ELECTRICAL ENGINEERING	ANNA UNIVERSITY	PURSUING
RESEARCH / PUBLICATION DETAILS			
Publications in Journal			
<ol style="list-style-type: none"> <li>1. T.K.S.Sathyanarayanan, M.Ramasamy, Chokkalingam Bharatiraja, “Design Analysis and Experimentation of High step-up, High-efficiency Isolated SEPIC Converter”, in Journal of Electrical Engineering, Vol.19, No.1, 2019, pp.201-206, 2019.</li> <li>2. “MODELLING, IMPEDANCE DESIGN, AND EFFICIENCY ANALYSIS OF BATTERY ASSISTS PV TIED QUASI-Z SOURCE INVERTER” in International Journal of Power Electronics and Drive Systems ( IJPEDS, ISSN:2088-8694), Vol,Issue No. 3, Sept. 2016.</li> </ol>			
Conference Proceedings			

1. T.K.S.Sathyanarayanan, “A Novel Bidirectional Isolated DC – DC Converter for Hybrid Electric Vehicle”, International Conference on Innovations in Intelligent Instrumentation, Optimization & Signal Processing, held at Karunya University, Coimbatore during 1<sup>st</sup> & 2<sup>nd</sup> March 2013 organized by the Department of Electronics and Instrumentation Engineering.
2. T.K.S.Sathyanarayanan, “ Design and Implementation of Cascaded Boost Converter using PWM Technique” , in the Fourth National Conference on Power Electronics and Drives, PEDC’08 organized by the Department of Electrical and Electronics Engineering, Alagappa Chettiar College of Engineering and Technology, Karaikudi-04, on 13<sup>th</sup> March 2008.
3. T.K.S.Sathyanarayanan, “ A Microcontroller AD Converter based Low Cost Sensor less Technique for Brushless DC Motor Drives”, in the National Conference on Recent Trends in Power Systems, Drives, NCRTPSD’06 conducted by Department of Electrical and Electronics Engineering during April 20<sup>th</sup> – 21<sup>st</sup>, 2006.

#### **Books / Chapters Published**

-

#### **Fund Received**

-

#### **Patent Applied / Published/Granted**

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CITATIONS

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#### **RESEARCH GUIDANCE DETAILS**

Sl.No	University	Supervisor ID / Reference
1	Anna University, Chennai	-
2	Number of UG Scholars Guided	<b>5</b>
3	Number of PGScholars Guided	<b>3</b>
4	Number of Ph.D. Scholars Guided	-

5	Number of Ph.D. Scholars Pursuing	-
<b>PROFESSIONAL SOCIETY MEMBERSHIP DETAILS</b>		
<b>Sl.No</b>	<b>Professional Society Name</b>	<b>Member ID</b>
1.	The Indian Society for Technical Education ( <b>ISTE</b> )	LM 42268
2	The Indian Society of Systems for Science & Engineering ( <b>ISSE</b> )	<b>NIL</b>