

Faculty Profile

- 1.Name of the Faculty : S.RAJALAKSHMI
- 2.Department and Designation :AP AND EEE
- 3.Date of Joining :16/9/2009
- 4.Faculty ID:TFO107
5. E-mail Address :rajisounda2002@yahoo.co.in
6. Date of Birth :27/11/1979
7. Qualification :M.E
- 8.Specialization : POWER Electronics and Drives
9. Professional Experience:



Name and address of the Institution / Organization	Nature of Duty	Post held	Pay Band/ Scale of Pay	Basic Pay in Rs	Period of service		Duration
					From	To	
UNIVERSITY COLLEGE OF ENGINEERING ,BIT CAMPUS TIRUCHIRAPPALLI	TEACHING	ASSISTANT PROFESSOR	15600-39100 AGP RS.6000	20590	16-09-2009	04-07-2017	7Y 9M 20D
VEL TECH	TEACHING	LECTURER	8000	8000	27-11-2006	09-09-2009	2Y 9M 14D
DR M G R UNIVERSITY	TEACHING	LECTURER	8000	8000	01-07-2005	08-12-2006	1Y 5M 8D
SREE SASTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY	TEACHING	LECTURER	8000	8000	12-02-2004	05-02-2005	11M 25D
TOTAL							13Y 0M 5D

- 10.Research Guidance:
- 11.Awards and Honours :
12. Sponsored Projects:
13. Patents:
14. Publications
 - (i) Internationally Refereed Journals : (along with Impact Factor)

1. **Title of the Journal** : International Transactions on Electrical Energy Systems, Wiley Blackwell, England

Title of the Paper : “FITF-PDM: Unified Controller Design for Isolated Bidirectional DC-DC Converter”
Impact factor : 1.085
Published : 22nd December 2017

(ii) National Journals:

(iii) International Conferences

1. 3rd international conference on Innovations in Power Electronics Control and Systems, AICTE Sponsored Title of the paper is “**A UNIFIED CONTROLLER AND CONVERTER DESIGN FOR POWER GENERATION AND DISTRIBUTION SYSTEM**” in EEE Dept M.A.M College of Engineering

(iv) National Conferences

1. National conference on Electrical systems and renewable energy, TEQIP II Sponsored 24th and 25th march 2017 the title of the paper “Solar photovoltaic based stand alone scheme incorporating a boost inverter” In EEE Dept Campus Tiruchirappalli

(V) Books Published with ISBN number/ISSN number

14. CONFERENCES/WORKSHOPS/SEMINAR/ SHORT TERM REFRESHER COURSE ATTENDED

No.	Course Title	From	To	No. of days	Organizers	Organizing Institution	Sponsor	Venue
ROLE: ATTENDED								
1	COMPUTATIONAL OPTIMIZATION AND MODELLING OF SUSTAINABLE ENERGY SYSTEM	20-06-2016	03-07-2016	14	1.DR P ANBALAGAN 2.MR P VIJAYARAJAN	ANNA UNIVERSITY BIT CAMPUS TIRUCHIRAPPALLI	TEQIP II	DEPARTMENT OF EEE
2	COMPREHENSIVE APPROACH OF BIOTECHNOLOGICAL APPLICATIONS	16-04-2015	29-04-2015	14	1.DR A S MAHESHWARI 2.DR S JOHN	ANNA UNIVERSITY BIT CAMPUS TIRUCHIRAPPALLI	TEQIP II	DEPARTMENT OF BIOTECHNOLOGY

ANY OTHER INFORMATION								
Any other additional courses attended								
Sl. No.	Course Title	Duration			Organizers	Organizing Institution	Sponsor	Venue
		From	To	No. of days				
ROLE:ATTENDED								
1	ROLE OF RENEWABLE ENERGY IN INDIAN POWER SECTORS	21-09-2015	27-09-2015	7	1.MR P VIJAYARAJAN 2.DR P ANBALAGAN	UNIVERSITY COLLEGE OF ENGINEERING BIT CAMPUS TIRUCHIRAPPALLI	TEQIP II	DEPT OF EEE
2	APPLICATION OF POWER ELECTRONICS TO RENEWABLE ENERGY SYSTEMS AND MICRO GRIDS	08-02-2015	10-02-2015	3	1.DR G SARAVANA ILLANGO 2.DR G NAGAMANI	NIT TRICHY	NAMPET	DEPT OF EEE
3	SOFT COMPUTING TECHNIQUES IN ELECTRICAL ENGINEERING	19-08-2013	25-08-2013	7	1.MR R PRABAKARAN 2.MR M KARTHIKEYAN	ANNA UNIVERSITY BIT TIRUCHIRAPPALLI	TEQIP	DEPT OF EEE
4	RECENT TRENDS IN POWER ELECTRONICS AND POWER SYSTEMS	12-06-2013	18-06-2013	7	1.DR S JEEVANANTHAN	PONDICHERRY ENGINEERING COLLEGE	TEQIP	DEPT OF EEE
5	RECENT TRENDS IN MEASUREMENT AND AUTOMATION	10-12-2012	14-12-2012	5	1.DR R ANANDA NATARAJAN	PONDICHERRY ENGINEERING COLLEGE	TEQIP	DEPT OF EEE AND INSTRUMENTATION
6	RESEARCH METHODOLOGY	27-08-2011	27-08-2011	1	1.DIRECTOR RESEARCH	ANNA UNIVERSITY OF TECHNOLOGY TIRUCHIRAPPALLI	CENTRE FOR RESEARCH	UNIVERSITY CAMPUS
7	ENERGY MANAGEMENT AND CONSERVATION IN MODERN BUILDINGS	20-12-2010	21-12-2010	2	1.DR R THANIGAISELVAN	ANNA UNIVERSITY OF TECHNOLOGY TIRUCHIRAPPALLI	DEPT OF EEE	DEPT OF EEE
8	EMBEDDED ENGINEERING SOLUTIONS FOR AUTOMATION	14-10-2010	15-10-2010	2	1.R PRABAKARAN	ANNA UNIVERSITY OF TECHNOLOGY TIRUCHIRAPPALLI	DEPT OF EEE	DEPT OF EEE

1. National workshop on “**Intelligent System Engineering** “ on 27th and 28th of July 2017.This program has been organised by **National Institute of Technology ,Tiruchirappalli** .
2. National workshop on “**Analog and Digital Design using Cadence tool** “on 18th and 19th of August 2017. This program has been organised by **Thiagarajar College of Engineering,Madurai**.
3. attended **CSIR Sponsored National Seminar on “ Power Electronics Converters in Distributed energy and Microgrids “** on 31/8/17 and 1/9/17. This program has been organised by **TRP Engineering College , Tiruchirappalli**
4. **AICTE sponsored Faculty Development program on “Design and mitigation of issues in Microgrids using HOMER and PV SYST”** from

13th to 29th November 2017. This program has been organised by **SRM Easwari Engineering College , Chennai.**

15. CONFERENCES/WORKSHOPS/SEMINAR ORGANISED

1. TEQIP II sponsored two day seminar on “ Power Electronics and Renewable Energy Systems on 18th and 19th August 2016 the coordinators are Dr.P.Anabalagan and Mrs S.Rajalakshmi

16. Other contribution (if any) Development of Department Laboratory

Linear and Digital Electronics Lab-Rs.60,000/-

Electronic Devices and circuits lab:70,000/-

Signature

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