



Name : R.RAJALAKSHMI  
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## Qualification

B.E (ELECTRONICS AND COMMUNICATION ENGINEERING)-  
JAYARAM COLLEGE OF ENGINEERING AND TECHNOLOGY- NOVEMBER 2000.  
M.E (PROCESS CONTROL & INSTRUMENTATION)- ANNAMALAI UNIVERSITY -MAY 2005.  
Ph.D (Pursing)-PROCESS CONTROL-SASTRA DEEMED UNIVERSITY-THANJAVUR

## Experience

In Jayaram College: 4 Years and 1 Months  
Other Total experience: 14 YEARS and 3 DAYS

## Publications

International Journals:

- R. Rajalakshmi, R. Kumaresan, S. Rakesh Kumar, (2018) Enhancing the quadratic problem solver in the pilot scale distillation control systems using different optimization methods, *Journal of Ambient Intelligence and Humanized Computing*, <https://doi.org/10.1007/s12652-018-0938-5> (IF: 1.423)
- R. Rajalakshmi, R. Kumaresan A, (2017) Comprehensive Review on Predictive Controllers for Distillation Columns, *Journal of Engineering and Applied Sciences* (Accepted for Publication)

National Journals:Nil

## Conferences

International Conference	-	Nil
National Conference	-	Nil

## Workshop Attended:

- One day workshop attended “Recent trends in Smart Grid Technologies” NIT-TRICHY on 26<sup>th</sup> April2014.
- One Day LATEX Workshop on 19.07.2014 at Sastra University

- National conference on advances in process Engineering(CAPE-2014) SCILAB WORKSHOP on 11<sup>th</sup> October 2014 Sastra University
- Two-week ISTE Workshop on control Systems Conducted by IIT Kharapur under the National Mission on Education through ICT(MHRD,Govt.of India) on 2<sup>nd</sup>-12<sup>th</sup> December,2014 Sastra University.
- TWO-WEEK ISTE Short Term Training Programme(STTP)on Pedagogy for effective use of ICT in Engineering Education Conducted by IIT Bombay Under the National Mission on Education through ICT(MHRD,Govt.of India) on 5<sup>th</sup>-7<sup>th</sup> and 19<sup>th</sup>-21<sup>st</sup> January 2015 at Sastra University.

### **FDP Attended:**

- One-week Faculty Development Programme Conducted by Sastra University on 6<sup>th</sup> – 11<sup>th</sup> June 2016.
- One-week Faculty Development Training Programme Conducted by University college of Engineering(BIT Campus) Trichy on 15<sup>th</sup> – 21<sup>st</sup> May 2018
- One-week Research Methodology Workshop Conducted by Sastra University on 20<sup>th</sup> – 27<sup>th</sup> June 2018.

**Workshop / FDP/ Conference Organized** : NIL

**Books Published** : NIL

**Research** : NIL

Ph.D Guided

Ph.D Guidance in Progress

**Externally Funded Project** : NIL

### **Awards and Recognitions:**

- 4 times received **Cash award** from Jayaram college of Engineering and Technology for 100% results produced in Anna University Theory Examinations
- Received **Cash award** from Dhanalakshmi Srinivasan Institute of Research and Technology Siruvachur, Perambalur 75% results produced in Anna University Theory Examinations
- **IF any Other** : NIL