

# RESUME

## K.THAYUMANAVAN

110, Maruthi Nagar,  
GandhiNagar Post,  
Indhra Nagar Arch Gate (opp)  
Neyveli

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### CAREER OBJECTIVE:

To strive continuously for excellence and perfection and thereby to emerge as a hard working and dedicated professional.

### ACADEMIC PROFILE:

CLASS/DEGREE	NAME OF SCHOOL/INSTITUTION	BOARD/UNIVERSITY	MARKS (%)
P.G Diploma in Electrical Energy Management and Energy Audit	Directorate of Distance Education Annamalai University	Annamalai University	84.8%
M.E. ( POWER SYTEMS ), 2005-2007	COLLEGE OF ENGINEERING GUINDY, CHENNAI	ANNA UNIVERSITY,CHENNAI	8.98 (C.G.P.A) (Gold Medalist)
B.TECH(E.E.E) 2005	BHARATHIYAR COLLEGE OF ENGG. & TECH.,KARAIKAL	PONDICHERRY UNIVERSITY	91.10 (Gold Medalist)
H.S.C, 2001	ST.MARY'S HR.SEC.SCHOOL KARAIKAL	BOARD OF H.S.C TAMILNADU	94.66
S.S.L.C., 1999	ST.MARY'S HR.SEC.SCHOOL KARAIKAL	BOARD OF S.S.L.C TAMILNADU	90.11

### OTHER ACADEMIC ACHIEVEMENTS:

1. Secured state-wise rank in H.S.C exam March –2001
2. Recipient of certificate for First class in Prathamc Examination conducted by Dakshina Bharat Hindi Prachar Sabha, Madras.
2. Recipient of best science student award March –2001
3. Merit certificates awarded for Maths centum in IV & V SEM in B.Tech.
4. Secured GATE score of 85.05 percentile in Feb 2005
5. Recipient of Gold medal in B.tech examination from Pondicherry University
6. Recipient of Gold medal in M.E examination from Anna University,Chennai.

### **EXTRA CURRICULAR ACTIVITIES:**

1. Attended National Power Training Institute's Familiarization Program for two days (20/21, October-2003) at Bharathiyar College of Engineering and Technology.
2. Undergone In-Plant Training at Pondicherry Power Corporation Limited from 31.05.2004 to 03.06.2004
3. Presented Paper on Bio-Medical Instrumentation with Emphasis on Telemetry at Adhiyaman College of Engineering & Technology, Hosur, Karnataka on 08.09.2004
4. Participated in Quiz competition (Quantum Leap) conducted by Pondicherry University on 10, 11 Mar-05

### **SEMINARS/WORKSHOPS /CONFERENCES ATTENDED:**

1. Participated in AICTE sponsored National Seminar on "Intelligent System Applications To Future Challenges in Power Engineering (ISAPE)" from 9-9-2009 to 11-9-2009 at Pondicherry Engineering College.
2. Participated in AICTE sponsored Two Week Staff Development Programme on "Smart Operation of Electrical Machines and Power System (SOEMPS)" from 2-6-2010 to 12-6-2010 at Pondicherry Engineering College.
3. Participated in 2 day workshop on "MATLAB application to Signals and Systems" from 30-7-2010 to 31-7-2010 at Kongu Engineering College, Erode
4. Paper Presented in International Conference under the theme of "Dynamic Analysis of Simple Power System using MATCONT" (iCIRET) on 12,13,14 of August 2010 at Park College of Engineering, Coimbatore
5. Participated in 2 day workshop on "PID CONTROLLER" from 17-9-2010 to 18-9-2010 at Anna University, MIT campus, Chrompet, Chennai
6. Paper Presented in International Conference under the theme of "Dynamic Analysis of Arc Furnace System using MATCONT" (ICPCES) on 8-10 of December 2010, at Anna University, CEG Campus, Chennai.
7. Participated in BCRS sponsored National Seminar on "Research Issues on PV Cells" from 15-12-2010 to 16-12-2010 at Kongu Engineering College, Erode
8. Participated in DRDO sponsored National Workshop on "Advances in Design and Control for Performance Enhancement in Permanent Magnet Motors" from 20-04-2011 to 21-04-2011 at Pondicherry Engineering College, Puducherry.
9. Participated in National Workshop on "LV Switchgear and Reactive Power Management Techniques" from 29-7-2011 to 30-7-2011 at PSG Engineering College, Coimbatore

10. Participated in National Seminar on “Recent trends in Smart Grid” on 18-02-2012 at M.P.Nachimuthu,M.Jaganathan Engineering College , Chennimalai, Erode
11. Participated in 1 day National Workshop on “Energy Systems” on 8-09-2012 at Sastra University, Tanjavur.
12. Participated in 1 Week Workshop on “Computational Intelligent Techniques for Engineering Applications” from 5-12-2012 to 12-12-2012 at University College of Engineering ,Panruti
13. Participated in 2 Days UGC Sponsored Short term Course on “Research Methodology Techniques of writing Research Articles for SCI journals and PhD Thesis Preparation,” from 8-3-2013 to 9-3-2013 at College of Engineering Guindy, Anna University, Chennai
14. Participated in AICTE sponsored Two Week Staff Development Programme on “New Research Tools for Evolutionary Robotics ” from 13-5-2013 to 26-5-2013 at E.G.S Pillai Engineering College, Nagapattinam.
15. Participated in AICTE sponsored Two Week Staff Development Programme on “Analysis, Operation and Control of Restructured Power Systems” from 27-5-2013 to 7-6-2013 at Pondicherry Engineering College.
16. Delivered a Guest Lecture on “Hands on training in MATLAB” at Shree Sowdambiga Engineering college ,Arupukkotai on 20.07.2013
17. Participated in TEQIP sponsored Two days Workshop on “Wind Driven Generators” from 13-12-2013 to 14-12-2013 at National Institute of Technology, Trichirapalli.
18. Delivered Guest Lecture on “MATLAB for Electrical Engineers” at E.G.S Pillai Engineering college ,Nagapattinam from 20.12.2013 to 22.12.2013
19. Paper Presented in International Conference under the theme of “Detection of codim1,codim2 Bifurcations in Power systems using MATCONT” (ICPCES) on 27-28 of February 2014,at Anna University ,CEG Campus, Chennai .
20. Delivered Guest Lecture on the subject “Electrical Machines II” at E.G.S Pillai Engineering college ,Nagapattinam on 25.10.2014
21. Participated in 1 day National Workshop on “Power Electronic Converters for Renewable Energy Applications” on 28-11-2014 at E.G.S Pillai Engineering college ,Nagapattinam
22. Delivered Guest Lecture on the topic “MATLAB for Electrical Engineers” at E.G.S Pillai Engineering college ,Nagapattinam on 16.12.2014
23. Participated in 2 day National Workshop on “Modern Power System Analysis Tools ” on 12-2-2015 to 13-2-2014 at Anna University ,CEG Campus, Chennai .

24. Participated in 1 day Workshop on “ETAP Software and its Applications” on 27-2-2015 at University college of Engineering, Arni .
25. Paper Published in National Conference under the theme of “Dynamic and small signal stability Analysis of Grid Integrated Wind Energy Conversion Systems” (NCRTE15) on 8<sup>th</sup> April 2015, at University College of Engineering ,Pattukotai
26. Thayumanavan. K., Kumudini devi. R.P (2015), ‘Dynamic Analysis of Wind Energy Conversion Systems’, International Journal of Applied Engineering Research, Vol. 10, No. 51, pp.260-270.
27. Paper Published in National Conference under the theme of “Modelling and Dynamic Analysis of Self Excited Induction generator driven by Wind Turbine” (DIET16) on 24<sup>th</sup> March 2016, at University College of Engineering ,Panruti
28. Paper Presented in International Conference under the theme of “Non Linear Analysis of Simple Power System using MATCONT ” (iCIRES) on 20,21 June 2016 at E.G.S Pillai Engineering college ,Nagapattinam
29. Paper Presented in International Conference under the theme of “Detection of co-dim 1 bifurcations in Arc Furnace system using MATCONT” (ICCPEAT 2017) on 24,25 Feb 2017 at Pondicherry Engineering college ,Puducherry
30. Participated in AICTE sponsored Two Week Staff Development Programme on “Smart Power Grid Technologies ” from 17-11-2017 to 30-11-2017 at Government College Of Technology,Coimbatore
31. Delivered Guest Lecture on the subject “BloomBox” at E.G.S Pillai Engineering college ,Nagapattinam on 3.5.2018
32. Participated in ISTE-AICTE sponsored One Week Staff Development Programme on “Autonomous Mobile Robots ” from 4-6-2018 to 9-6-2018 at E.G.S Pillai Engineering College, Nagapattinam.
33. Participated in Anna University sponsored Two Week Staff Development Programme on “EE8401 Electrical Machines II ” from 28-11-2018 to 11-12-2018 at University College of Engineering , Panruti
34. Participated in MHRD-AICTE sponsored One Week Staff Development Programme on “Transforming Instruction through Blended Classroom” from 29-10-2018 to 23-12-2018 through SWAYAM MOOC Course and got 80% marks

35. Participated in NPTEL-AICTE sponsored 8 Week Faculty Development Programme on “Organic Farming for sustainable Agricultural Production” through NPTEL MOOC Course with 83% marks
36. Participated in NPTEL-AICTE sponsored 12 Week Faculty Development Programme on “Control Systems” through NPTEL MOOC Course.(July-Oct 2019) with 70% marks
37. Participated in NPTEL-AICTE sponsored 12 Week Faculty Development Programme on “Power System Analysis” through NPTEL MOOC Course. (July-Oct 2019) with 86% marks
38. Completed in NPTEL-AICTE sponsored Online Certification Course on “Power Systems Engineering ” through NPTEL MOOC Course.
39. Participated in NPTEL-AICTE sponsored 12 Week Faculty Development Programme on “Power System Protection” through NPTEL MOOC Course. (Sep-Dec 2020) with 75 % marks
40. Participated in NPTEL-AICTE sponsored 12 Week Faculty Development Programme on “Electrical Distribution System Analysis” through NPTEL MOOC Course. (Sep-Dec 2020) with 72 % marks
41. Completed in NPTEL Online Certification Course on “Wild Life Ecology” through NPTEL MOOC Course(Sep-Dec 2020) with 100% marks
42. Completed NPTEL Online Certification Course on “Electrical Machines II ” through NPTEL MOOC Course (Jan-Apr 2021) with 57% marks
43. Completed NPTEL Online Certification Course on “Network Analysis ” through NPTEL MOOC Course(Jan-Apr 2021) with 66% marks
44. Completed NPTEL Online Certification Course on “Poultry Farming ” through NPTEL MOOC Course(Sep-Dec 2021) with % marks
45. Completed NPTEL Online Certification Course on “Environmental Sustainability ” through NPTEL MOOC Course(Sep-Dec 2021) with % marks

**SOFTSKILLS:**

1. Diploma course in Unix and C(DUC) conducted by CSC computer Education between 25<sup>th</sup> April 2006 to 25<sup>th</sup> August 2006
2. SUN certified Programmer for Java 2 Platform, standard Edition 5.0
3. Cognizant Certified Professional for Core Java (Level 0) C, C++, Java, J2EE, SQL, UNIX, Windows 98, Assembly Languages (8085, 8051), Matlab 7.5, MATCONT .

**WORK EXPERIENCE:**

S.No	Designation	Time Period of service	Institution	Basic salary	Gross Salary	Duration
1	Lecturer	Dec 2008 to Aug 2009	Bharathiyar College of Engineering and Technology	8000-275-13500	13,500	9 Months
2	Assistant Professor	Aug 2009 to tillDate	University college of Engineering, Panruti	22220-39100(AGP-7000 Rs)	72000	12 Years 1 months <b>12.1Years</b>

**PERSONAL PROFILE:**

**Name** : K.Thayumanavan  
**Father's Name** : S.Kunapalan  
**Date of Birth** : 30-08-1983  
**Fields of Interest** : Control Systems, Power systems, Electrical Engineering, Mathematics etc.

**REFERENCE:**

**Dr.R.P.Kumidini Devi**

Professor

Department of Electrical and Electronics Engineering

College of Engineering, Guindy

Anna University

Chennai-25

**DECLARATION**

I hereby declare that the above statements are true and complete to the best of my knowledge and belief.

(K.THAYUMANAVAN)