

RESUME



Dr.P.Selvakumar
10/84,Balamurugan Illam,
Lakshmi Nagar
Maramangalathupatti
Near Salem Steel Plant
Salem -636030
Email:selvaciteee@gmail.com
Mobile: 9790166058

PROFESSIONAL SUMMARY

- ◆ **Over 15+ years of experience in teaching and industry** in the area of Electrical and electronics engineering.
- ◆ Team Player with Focused/Committed / Get-the-Job-Done Attitude, Highly organized and able to work independently.
- ◆ Fast catch up with new concepts, team work, industrial proposals and documentation.
- ◆ Strong Managerial and interpersonal skills for leading an efficient team.
- ◆ Strong Communication skills as teacher, debater and dealing with individuals and groups in the disciplines of Electrical Engineering.

ACADEMIC QUALIFICATION

Ph.D : Completed [2014]

M.E. (Applied Electronics) [2007]

- Institution : Bannari Amman Institute of Technology, Tamilnadu, India.
- Affiliation : Anna University, Chennai.
- Percentage : 72

B.E. (Electrical and Electronics Engineering) [2005]

- Institution : Coimbatore Institute of Technology, Coimbatore, Tamilnadu, India.
- Affiliation : Anna University, Chennai.
- Percentage : 68.5 % with first class.

Diploma (Electrical and Electronics Engineering) [1996]

- Institution : Muthyammal polytechnic college, Tamilnadu, India.
- Affiliation : State Board of Technical Education, Tamil nadu.
- Percentage : 82 % first class with distinction.

PROFESSIONAL AND INDUSTRIAL CAREER

College / Organization	Designation	Period	
DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY	ASSOCIATE PROFESSOR	01.06.16 TO TILL DATE	
SRIGURU INSTITUTE OF TECHNOLOGY	PROFESSOR & HEAD	07.11.14	25.05.16
SRIGURU INSTITUTE OF TECHNOLOGY	ASSOCIATE PROFESSOR & HEAD	01.05.14	06.11.14
SRIGURU INSTITUTE OF TECHNOLOGY	ASST.PROF (Sr.G) & HOD	24.05.12	30.04.14
SRIGURU INSTITUTE OF TECHNOLOGY	ASST.PROFESSOR	23.05.11	23-05-12
DR.NGP INSTITUTE OF TECHNOLOGY , COIMBATORE	ASST.PROFESSOR	10-08-07	30.04.11
VEEJAY LAKSHMI ENGINEERING WORKS LTD,COIMBATORE	ELECTRICAL ENGINEER	16-11-02	18-08-05
RAJESH ELECTRICALS ,SALEM	SUPERVISOR	03-05-96	31-08-01

TECHNICAL SKILLS

- **Operating Systems:** Windows 98/2000/XP, Vista.
- **Technical tools:** MATLAB.

RESEARCH AREA

- Controller Optimization for BLDC motor,
- Electrical Machines

INTERNATIONAL CONFERENCES

- P.Selvakumar,T.Kannadasan,Hybrid Controllers for position control in BLDC Motor,Vol.No 4 (2012) ,148-153,International conference on Computing systems and Embedded systems held at PPG Institute of technology,Coimbatore,India.

NATIONAL CONFERENCES

- “Development of control logic for Brushless DC Motor (BLDC) using XC 167 Microcontroller” National Conference on Intelligent Systems and its Applications (NISA 2007) held at Crescent College of Engineering, Chennai during March 2007.

INTERNATIONAL REFEREED JOURNALS

1. **Selvakumar, P& Kannadasan, T** 2013, ‘Studies on BLDC Motor for position control using PID-Fuzzy-Neural Network and Antiwindup Controllers’, Australian Journal of Basic and Applied Sciences, vol. 7, no. 8, pp. 851-856.
2. **Selvakumar, P& Kannadasan, T** 2013, ‘Evaluation of BLDC Motor using Intelligent Hybrid Controllers for Position Control’, Elixir International Journal, vol.64, pp 19324-19327.
3. **Selvakumar, P& Kannadasan, T** 2014. ‘Comparative study of intelligent controller for brushless dc motor’, Journal of Theoretical and Applied Information technology, vol .63, no 2, pp 431-436.

4. **Selvakumar, P & Kannadasan, T** 2014. ‘Design of BLDC motor for smooth operation using Hybrid Controllers’, Pollution Research, vol .33, no.1, pp 175-181

TRAINING UNDERTAKEN/CERTIFICATION

- Two-day Workshop on VLSI DESIGN and TECHNOLOGY from 07.10.2005 to 08.10.2005 organized by Department of Electronics & Communication Engg at Bannari Amman Institute of Technology
- One day workshop on “Power Generation and Transmission “ Sponsored by Larsen & Toubro Switch gears limited, held at Dr.N.G.P Institute of technology on 16.02.2009
- One day workshop on “MATLAB AND ITS APPLICATIONS “conducted by Department of electrical and electronics Engg. at Dr.N.G.P Institute of technology on 08.04.2010
- One day workshop on “Power System Control and its operation “Sponsored by Tech labs ,Chennai held on 18.09.2010
- Attended 2 day ISTE TN & P Section Regional Conference on “ Collaborative Research and Funding opportunities for Engineering Institutions ” at Dr.N.G.P Institute of Technology ,Coimbatore on June 19th and 20th of 2015
- Attended 3 days Faculty development programme on “Demystifying Electronic system level design and Engineering” organized by ICET pedagogy solutions , Bangalore at DGCT held on 16-06-16 to 18-06 -16

RESEARCH CENTRES / LABORATORIES ESTABLISHED

- | | |
|--|------|
| ▪ Electrical Machines Lab(AC & DC) ,Dr.NGP Institute of Technology | 2008 |
| ▪ Measurements & Instruments Laboratory,Dr.NGP Institute of Technology | 2009 |
| ▪ Microprocessor & Microcontroller laboratory,Dr.NGP Institute of Technology | 2009 |
| ▪ Power Electronics Laboratory,Dr.NGP Institute of Technology | 2010 |
| ▪ Control Systems laboratory,Dr.NGP Institute of technology | 2010 |
| ▪ Electrical Drives and controls Laboratory,SriGuru Institute of technology | 2012 |

ADDITIONAL SKILLS

- Holding valid Electrical Competency Certificate Issued by office of the Electrical Licensing Board,

ADDITIONAL ACADEMIC ACTIVITY

- Overall Coordinator for the affiliation committees like AICTE and Anna University inspection visits.
- Coordinated and conducted many events in the college like graduation day, Gurusrishti,
- Anti Ragging Nodal Officer from March 2014 to till date.
- Appointed as Chief Superintendent for conducting Anna University Examinations during Nov/Dec 2014 and Apr/may 2015.
- Integrated Record development coordinator.
- Lesson Plan design Incharge.

PERSONAL DETAILS

- Disciplined & hard working with good written and communication skills.
- Willing to learn & work in teams.
- Indian National, born on 13 August 1977
- Proficient in Tamil and English, Telugu.
- Native Home Town Salem, Tamil Nadu

I declare that all the above-furnished information is true to the best of my knowledge and belief.

PLACE: **Coimbatore**

DATE : 08.02.17

Yours Sincerely,

SELVAKUMAR.P
