

CURRICULUM VITAE



NAME : Gayathri .V
DEGREE : Ph.D*
BRANCH : Mechanical Engineering
Designation : Teaching Fellow-IES

OBJECTIVE:

To utilize my skills and to strive hard to enhance the company's progress by investing my utmost potentials and achieve success in all my deeds.

PERSONAL DETAILS

CONTACT ADDRESS:

V.Gayathri,
D/o Mr.K.Venkataramani
F2 Sudarshan enclave-chitlappakam
Chennai-44
Email-id : gayuvenkataramani@gmail.com
Contact Number : 098431 53696

PERMANENT ADDRESS:

V.Gayathri,
D/o Mr.K.Venkataramani,
No.1, Ovvaiyar Street,
Ayyappa Nagar,
Trichy-620021.

DATE OF BIRTH : 18-11-1988 **AGE** : 23 **SEX** : Female
FATHER'S NAME : Mr.K.Venkataramani
MOTHER TONGUE : Tamil
LANGUAGES KNOWN : Read : English, Tamil, Hindi
Write : English, Tamil, Hindi
Speak : English, Tamil, Hindi

ACADEMIC RECORD

Course	Institution	Board/ University	Year of Completion	Marks %
M.E	College of engineering Guindy.	Anna university, Chennai	2013	9.63
B.E Electrical and Electronics.	Sona College of Technology, Salem.	Anna University	2010	84.24
XII	Holy Cross Girls Secondary School ,Trichy	Tamil Nadu State Board	2006	87.75
X	Holy Cross Girls Secondary School ,Trichy	Tamil Nadu State Board	2004	95.80

ACADEMIC ACHIEVEMENTS:

- Department Topper in the subject “Transmission and Distribution, Special electrical machines, Control system in BE.
- **Department topper** throughout all semesters in **M.E**
- **PAPER PRESENTATIONS & CONFERENCE:**
 - Presented paper on the topic “Improvement of Power Quality in Solar Photovoltaic System using Active low pass filters” in the International Conference conducted by Dr.M.G.R University, Chennai.
 - First Prize in technical symposium held at Sona College of Technology, Salem
 - Presented a paper on the topic “Impacts of SiC on Hybrid Electric Vehicles” at Velammal Engineering College, Chennai.
 - Presented a paper on the topic “Design of UPFC to Enhance Transient Stability” at Valliammai Engineering College, Chennai.
 - Won **First Prize** in **IIT madras** Solar PV design contest.
 - Presented Paper titled **RENAISA** in technical **National level seminar in Sathyabama University.**
- **PROJECT PRESENTATION:**
 - Second Prize for project presentation in Electroblitz’09 held at Sona College of Technology, Salem.

ACADEMIC PROJECTS:

UG PROJECT: Stability Enhancement of Single Phase Transmission Line Using Interline Power Flow Controller(IPFC).

An IPFC is nothing but a number of SSSCs(Static Synchronous Series Compensator) connected in series each indulged in providing reactive power compensation, real power transfer, etc to all the transmission lines simultaneously. Here, for the ease of understanding, real power transfer between the transmission lines is taken into account.

PG PROJECT: Improvement of Power Quality in Solar PV system using Active low Pass Filters

Power Quality improvement is carried out in Solar PV stand alone system using active filters and because of which Total Harmonic Distortion is reduced. The THD is accessed in both the cases of filters and results were simulated using PSPICE software. Also **PV sub circuit** is constructed and filter circuit is added to it and THD is analyzed and Hardware setup is designed for the above mentioned concept.

CERTIFICATION:

- Accomplished **C Programming** Certification.

- Accomplished **Computer Hardware** Certification.
- Trained in **PVSYST, PVSOL, SAM ,PSPICE** softwares.

CO-CURRICULAR & EXTRA- CURRICULAR ACTIVITIES:

- Conducted **Solar Energy Awareness Program** in Marina Beach, promoting roof-top PV systems in homes.
- Attended **REENERGY CONFERENCE** organized by **TEDA** as a representative of Anna university for excellence in academics.
- Attended “**Workshop on Recent Trends in Renewable Energy**” conducted by IES, ANNA UNIVERSITY, Chennai
- Gone for industrial visits in C-WET, Chennai and Ennore Thermal Power Plant, Chennai
- Had been the Vice-Chairperson of IEEE Student Branch.
- Active member of Agaram Foundation.
- Won Prize in **Tamil Debate Show** conducted by Kalaigarnar TV.
- Won Prize in **Group Discussion Tournament** organized by GD/Aptitude Club.
- Participated in Tamil oratorical contest **Tamil Paechu Engal Moochu** conducted by Vijay TV.
- Participated in **Pengal Arangam** conducted by Vasanth TV.
- Attended one week seminar on **Advanced PC-based Testing of Electric Power Apparatus.**
- Participated in the **Students Professional Awareness Conference(S-PAC)** organized by IEEE Student Chapter, M. Kumarasamy college of Engineering, Karur.

AREA OF INTEREST:

Control system, **Solar PV technology (Design & Development).**

EXPERIENCE:

*Worked as faculty in oxford engineering college Trichy for one year from 2010-2011 in the department of **ELECTRICAL AND ELECTRONICS**. Worked as teaching faculty in excel engineering academy in Trichy. Worked as part time faculty in Madura Spoken English academy in Trichy.*

HOBBIES:

- Participating in Debate shows.
- Creating awareness about solar energy through **Solvency**

I, GAYATHRI.V hereby confirm that the information given above is true to the best of my knowledge.