

RESUME

P.SARAVANAKUMAR

S/o T.PALANISAMY,

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CAREER OBJECTIVE

To serve in the academic arena as an efficient academician and serve the society, by creating a knowledge revolution, which is the need of the hour.

ACADEMIC CREDENTIALS

COURSE	INSTITUTION STUDIED	YEAR OF COMPLETION	PERCENTAGE OBTAINED
ME-PSE	SONA COLLEGE OF TECHNOLOGY, SALEM.	2012	9.2
BE – EEE	MUTHAYAMMAL ENGINEERING COLLEGE, RASIPURAM.	2010	70.00
DIPLAMO–EEE	IRT POLYTECHNIC COLLEGE, BARGUR.	2007	83.00
S.S.L.C	V.C. HIGHER SECONDARY SCHOOL, OMALUR.	2004	62.2

WORKING EXPERIENCE

Worked as an Assistant Professor in the department of EEE in AKT Memorial College of Engineering & Technology at Kallakurichi, academic year 2012-2013.

APPERENTICE TRAINING

Completed apprentice training in Tamilnadu Electricity Board 110/22kv in thumbipady Substation duration of one year (2013-2014).

“THUMBIPADY SUBSSTATION 110/22KV”

Substation is used to step-up (or) step-down the voltage level without changing frequency. In this substation have two power sources (METTUR & K.R THOPPUR), one is act as an alternate power source and have seven feeders are used to feeding the 22KV voltage for Distribution Transformers. Here, GC breaker, LV I, LV II, are used as the control equipments. In 110/22KV, 110/33KV Substation, power transformer capacities of 10MVA, 16MVA, 32MVA are used. Lightning Arresters, CT's, PT's are used to protect the equipments.

Capacitor banks are used to VAR Compensation and Power factor improvement.

CONFERENCES

- Participation National Conference on **“IPESC 2012”** in Sona college of Technology.

WORKSHOP AND FDP

- Attended Two days National level workshop on **“ETPE 2012 EMERGING TRENDS IN POWER ENGINEERING”** in Sona College of technology.
- Attended **ENTREPRENEURIAL DEVELOPMENT** program in muthayammal engineering college, Rasipuram (23rd Dec 2009).
- Participate project presentation on **“VIRTUOSO'10”** Two days national level Technical symposium in Adiyamaan college of Engineering, Hosur.
- Participate project presentation on **“IETE Inter Disciplinary Hardware Project Contest”** in muthayammal engineering college ECE Department.(17th Sep 2009).

CO – CURRICULAR ACTIVITIES

- Attended in-plant training in BURN & CO at Salem in the academic year 2008-2009.

- Member of NSS during the academic year 2006-10 and attended combined annual training camp.
- Participated TEN days special camping programmed on the theme “**YOUTH FOR CLEANLINESS**” at CHINNAMATTARAPALLI village (18.01.2006 to 27.01.2006).
- Securing 3rd rank in III semester Autonomous Examinations during the year 2011.

COMPUTER AND PROGRAMMING KNOWLEDGE

- MATLAB
- Microprocessor
- C Program.
- Operating System: Windows 98, XP, 7
- MS Office

PROJECT SUMMARY

DIPLAMO PROJECT:

“BURN OUT DETECTION FOR MOTOR PROTECTION”

UG PROJECT:

“DESIGN AND IMPLEMENTATION OF BRAINWAVE STIMULATED ACCIDENT PREVENTION SYSTEM USING EMBEDDED MICROCONTROLLER”

Freak accidents are commonly hitting the headlines nowadays due to the moment the driver is careless. Mostly the accidents are common during night time due to the drowsiness of the driver. Adopting this as a major issue we have designed a system to detect the driver’s consciousness every moment and guide him or her throughout the journey. The proposed system is wireless and have been implemented with the help of an embedded processor. Our system picks up the brain signal of the driver every moment and transmitted through wireless serial interface. This system brings out an efficient solution for road accidents by early detection and alarm method.

PG PROJECT:

“FAST VOLTAGE STABILITY INDEX BASED VOLTAGE IMPROVEMENT AND LOSS MINIMISATION USING UPFC”

An individual project, in which IEEE 14-bus system is used as a test system used for voltage improvement and loss minimization using Unified Power Flow Controller (UPFC). In this work Fast Voltage Stability Index (FVSI) is used to find the critical line of the system. Based on FVSI value UPFC incorporated in required place for system voltage improvement and loss minimization.

STRENGTHS

- Positive attitude.
- Can easily move with all kind of people.
- Able to work together with other higher officials and individuals to solve and define the relative problems.
- Excellent organization skills.

HANDLED SUBJECTS

- Electric Circuit Theory
- Electric Circuit Laboratory
- Biomedical Engineering
- Engineering Practice Laboratory

RESPONSIBILITIES

- Membership in ISTE
- TNEB Design Coordinator
- Class Advisor
- Exam cell coordinator

EXTRA CURRICULAR ACTIVITIES

- **RUNNER** prize won in **VOLLEY BALL** inter college meet.

PERSONAL PROFILE

Name : **P.SARAVANAKUMAR**
Father's name : T.PALANISAMY
Date of Birth : 22.04.1989
Age : 27 years
Gender : Male
Nationality : Indian
Marital Status : Single
Languages Known : English and Tamil
E-mail id : saranpkumar@gmail.com

DECLARATION

I hereby declared that the above furnished details are true to the best of my knowledge.

Date :

Place : OMALUR



(SARAVANAKUMAR.P)

REFERENCES

1. **Er .P. PANNEERSELVAM. BE.MBA,**
Executive Engineer
Operation & Maintenance,
TANEGDCO,
Omalur.
2. **Er .P. VASUDHEVAN. BE, MIE.**
The Asst Executive Engineer
Operation & Maintenance,
TANEGDCO,
Omalur.
3. **Er .R.CHANDRAN. BE.,**
Assistant Engineer
Operation & Maintenance,
TANEGDCO,
Omalur.
4. **Dr.M.SENTHILKUMAR.ME, Ph.D.,**
Professor/ EEE,
Sona College of Technology,
Salem.