

**SINDHUJA.D**

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**Objective**

To get a growth oriented position in a reputed organization where my skills can be utilized for improvement and success of the organization.

**Educational Qualification**

S.No	Degree / Course	Institution	Board/University	Year of Passing	Percentage / CGPA
1.	ME-Power Systems Engineering	GOVERNMENT COLLEGE OF TECHNOLOGY (Autonomous)	Anna University, Chennai	2020	8.8
2.	BE-Electrical & Electronics Engineering	K.S.RANGASAMY COLLEGE OF TECHNOLOGY (Autonomous)	Anna University of Technology, Coimbatore	2015	84.7
3.	Higher Secondary Education	BHARATHIYAR GIRLS HIGHER SECONDARY, DEVIYAKURICHI	State Board	2011	86
4.	SSLC	GOVT HIGHER SECONDARY SCHOOL, GANGAVALLI	State Board	2009	94

**Experience**

- ❖ Six Months Experience in Network Clothing Company.
- ❖ One Year Experience in teaching field at *Dhanalakshmi Srinivasan Polytechnic College*, Perambalur.

**Area of Specialization**

- Power Systems
- Control Systems

**Technical skills**

- Electrical CAD
- labVIEW

## Project

1. Project on “ *Current Mode Control Based analysis of Grid Connected PV System*”.
2. Project on “*Swarm Optimization Based MPPT in PV system under Partial Shading Conditions*”.
3. Project on “*Power factor improvement of single phase Induction Motor using labVIEW*”.
4. Project on “*Intelligent Energy Meter with Home Automation*”.

## International Conference

- D.Sindhuja & Dr.V.Prasanna Moorthy, “ Swarm Optimization Based MPPT in PV system Under Partial Shading Conditions,” 6<sup>th</sup> international conference on “ Electrical, Electronics, Instrumentation and Computer Communication – EEICC’19”, Jan 2020.
- D.Sindhuja & Dr.V.Prasanna Moorthy, “Current Control Mode Based Analysis of Grid Connected PV System,” 1<sup>st</sup> International Conference on Advances in Science Hub, June 2020.

## International Journal

1. D.Sindhuja & Dr.V.Prasanna Moorthy, “ Current Control Mode Analysis Based of Grid Connected PV System,” International Research Journal on Advanced Science Hub, vol.2, pp.60-64, June 2020.
2. D. Sindhuja & Dr.V.Prasanna Moorthy , “ Swarm Optimization Based MPPT in PV System Under Partial Shading Conditions,” International Journal of Advanced Research in Science, Communication and Technology, vol.7, pp.113-119, July 2020.

## Co-curricular Activities

- Participated in workshop on “Photovoltaic System Design” at PSG College of Technology, Coimbatore.
- Participated in workshop on “*Hands on Training on Numerical Relay Development Environment*” at Government College of Technology, Coimbatore.
- Presented a paper on “*Renewable energy sources(Harnessing satellite)*” at Kumarasamy college of Technology, Karur.
- Participated in workshop on “*Real Time Digital Simulation – Modelling of Distributed Energy Resources*” at Central Power Research Institute, Bengaluru.
- Presented a paper on “*Renewable Energy from Artificial Nano Trees*” at KSR college of Technology(IEI Association), Tiruchencode.
- Participated in workshop on “*Permanent Magnet Synchronous Motor*” at Government college of Engineering, Salem.
- Underwent In-plant training on “*Embedded Systems*” at Hypotech solutions, Coimbatore.
- Underwent In-plant training on “*Networking*” at Mazenet, Erode.

## Extra-Curricular Activities

- Student member in The Institution of Engineers India(IEI).
- Participated in “*Guinness World Record Official Attempt*” organized by Ecstasy Foundation on Jan 26<sup>th</sup>,2015.

### Achievements

- Won Second Prize in Paper Presentation on “*Optimization Based Extract the Maximum Power in PV system under Partial Shading Conditions*” at KSR Institute for Engineering and Technology, Thiruchengode.

[Er. D. Sindhuja]