CURRICULUM VITAE

S. SHEIK MOHAMMED

College of Engineering, Dhofar University, PB No. 2509, Salalah Sultanate of Oman, PC-211

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Objective:

Intend to build a career with leading corporate of hi-tech environment with committed & dedicated people, which will help me to explore myself fully and realize my potential. Willing to work as a key player in challenging & creative environment.

Research (PhD):

Pursuing PhD at Kalasalingam University, Srivilliputhur, Tamilnadu, India.

Area of Research: Solar Power

Title of Research work: Design and Development of Power Conditioning System for

Solar Power Applications

Experience: 6+ Years in Teaching

- Working as Instructor in the Department of Electrical and Computer Engineering at Dhofar University, Salalah, Sultanate of Oman from September 2008 to till date.
- Worked as a Lecturer in the Department of Electrical and Electronics Engineering at St. Peter's University, Chennai, India from September 2006 to August 2008.

Education:

- M.E in Power Electronics and Drives from Bannari Amman Institute of Technology, Sathyamangalam, Tamilnadu, India with First class in April 2006.
 Aggregate: 72% of all semesters
- B.E in Electrical and Electronics Engineering from Syed Ammal Engineering College, Ramanathapuram, Tamilnadu, India with First class in April 2002. Aggregate: 70.00% of all semesters.

Skill Set:

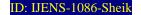
Operating System : Win 9X, Win XP and Vista

Packages : OrCAD Pspice, MATLAB Simulink, Multisim,

Zeland IE3D

Languages : C++ Microcontroller : 89C51

DSP : TMS320F240



Field of Interest:

- Solar Power Generation
- ❖ Wireless Power Transmission
- ❖ Power Electronics
- Special Electrical Machines
- **❖** Electric Drives
- Antenna and Microwave Engineering

Paper Presentation and Publications:

Journal Publications:

- S. Sheik Mohammed "Modeling and Simulation of Photovoltaic module using MATLAB/Simulink" International Journal of Chemical and Environmental Engineering. Volume 2, Issue 5, pp 350-355, 2011.(http://www.doaj.org/doaj?func=abstract&id=848231)
- 2. S. Sheik Mohammed, K.Ramasamy, T.Shanmuganantham "A Sierpinski Based Mirostrip Patch Antenna for Wireless Power Transmission System" International Journal of Computer Application, Number 13-Article 18, February 2010. (http://www.ijcaonline.org/archives/volume1/number13/273-433)
- S. Sheik Mohammed, K.Ramasamy, T.Shanmuganantham "Wireless Power Transmission A Next Generation Power Transmission System" International Journal of Computer Application, Number 13-Article 18, February 2010. (http://www.ijcaonline.org/archives/number13/274-434)

Conference Publications:

- S. Sheik Mohammed "Modeling and Simulation of Photovoltaic module using MATLAB/Simulink" accepted for presentation in International Renewable Energy and Environment Conference (IREEC 2011) to be held from 24-26 June 2011, Kuala Lumpur, Malaysia.
- 2. S. Sheik Mohammed, Thabit Sultan Mohammed, and A. Shereen Siddhara "Solar Power Generation and Wireless Power Transmission: A feasibility study on Power Generation and Transmission in hot arid regions" ICHT 2011 -International Conference on Harnessing Technology, February 2011, Muscat, Sultanate of Oman.
- 3. S. Sheik Mohammed, C. Renald, K.Ramasamy, T.Shanmuganantham "A 2.45GHz Sierpinski Carpet Edge-fed Microstrip Patch Fractal Antenna for WPTRectenna", 2010 IEEE International Conference on Communication Control and Computing Technologies, October 2010, Tamilnadu, India.

ID: IJENS-1086-Sheik

4. S. Sheik Mohammed, K.Ramasamy "Solar Power Generation using SPS and Wireless Power Transmission" International Conference on Energy and Environment, March 2009, Chandigarh, India.

5. S. Sheik Mohammed, V. Kumar Chinnaiyan "Design and Implementation of High Power DC-DC Converter and Speed Control of DC Motor using TMS320F240 DSP" at IEEE conference of India, December 2006, held at Chennai, India.

6. S. Sheik Mohammed, V. Kumar Chinnaiyan "A Novel Unity Power Factor Stage for AC Drives Application" on February 2006 at Bannari Amman Institute of Technology, Tamilnadu, India.

7. S. Sheik Mohammed, V. Kumar Chinnaiyan "DSP based DC Motor Speed Control for Industrial Application" on March 2006 at Government College of Engineering, Salem, India.

8. S. Sheik Mohammed, V.Kumar Chinnaiyan "Design and Implementation of Multistage DC-DC Step Up Converter for DC Drive Application on February 2006 at Bannari Amman Institute of Technology, Tamilnadu, India."

9. S. Sheik Mohammed, V. Kumar Chinnaiyan "Implementation of Closed Loop Speed Control of DC Motor using TMS320F240 DSP" on April 2006 at S.S.N College of Engineering, Chennai, India.

Declaration:

I consider myself familiar with Electrical Engineering Aspects. I am also confident of my ability to work in a team.

I hereby declare that the information furnished above is true to the best of my knowledge.

| Date: | |
|--------|---------------------|
| Place: | (S. Sheik Mohammed) |