RESUME

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RMK Engineering College
Kavaraipettai

CAREER OBJECTIVE

To become a part of an organization where competition and new learning are the order of the day and where I can implement all my knowledge efficiently to quantify quality outputs.

ACADEMIC PROFILE

Degree	Specialization	Institution	Year of passing	Class
PhD	Power Electronics	Anna University	Pursuing	-
M.E	Power Electronics and Drives	Jerusalem College of Engineering	2012	First class with Distinction
B.E	Electrical and Electronics Engineering	Tagore Engineering College	2010	First class with Distinction

WORK PROFILE

S.no	Institution	Period
1	RMK Engineering college	May 2014-till date (as Asst.professor)
2	Tagore Engineering college	June 2012-April 2014 (as Asst.professor)

ROLES AND RESPONSIBILITIES

- ISO Coordinator
- Time Table Coordinator
- Coding Club Coordinator

PAPERS PUBLISHED

Indexed Journals:

1. G. Rohini, V. Jamuna, Jenifer.A, "Hybrid Control Strategy To Enhance The Performance Of PhotoVoltaic System" Pak. J. Biotechnol. Vol. 13 (special issue on Innovations in information Embedded and communication Systems) Pp. 415- 420 (2016)

2. Chandla Ellis, Y Sukhi, A.Jenifer, A.Fayaz Ahamed,M.Thiyagesan,Y Jeyashree,"Design and Implementation of High Power Factor Electronic Ballast with Buck Boost Converter"Proceedings of the International Conference on Intelligent Sustainable Systems (ICISS 2017)

3. Jenifer, Y. Sukhi, "Design Specifications and Performance analysis of Single and Two Stage HB LLC Converters" IJITEE ISSN: 2278-3075, Volume-9 Issue-1S, November 2019

4. A.Jenifer, Y. Sukhi, "Battery Charger for Electric Vehicle using AC-DC Converter" Solid State Technology Volume: 63 Issue: 6.2020

5. V.Karthiga, Nivethitha, Jenifer.A, "An Automatic IVF Changer and Drip Rate Controller with Monitoring Of Vital Signs"Test Engineering & Management January-February 2020 ISSN: 0193-4120 Page No. 8835 – 8839 2020

6. A.Jenifer, Y. Sukhi, "Dual-input ZVS DC/DC Converter for Low-Power Energy Harvesting Applications" IOP publishing.Journal of Physics: Conference Series.1964 (2021) 052009 IOP Publishing doi:10.1088/1742-6596/1964/5/052009. 2021

7. A.Jenifer, Y. Sukhi,S.Anita, A.Fayaz. "Progression of Maximum Power Point Tracking for Photovoltaic" Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 5, May 2021: 2221-2231.

8. A.Jenifer,Pravin. K, Ragul. M, "E-Vehicle Battery Recharging" Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 5, May 2021: 2322-2330

9. A.Jenifer, Ranjith,Sai Dinakaran, "Android Application using Android Studio" Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 6, July 2021 : 5815-5820

10. A.Jenifer, Deepak V, "Wireless Hand Gesture Controlled Robotic ARM" GEINTEC ISSN: 2237-0722 Vol. 11 No. 4 (2021)

11. Y. Sukhi, Y. Jeyashree , A. Jenifer, S. Anita,A. Fayaz Ahamed, "Bidirectional DC-DC Converter Using Zero Voltage Switching" Geintec Gestao Magazine Innovation and Technilogies. July 2021

Conferences:

1. "Operation and control of off grid hybrid standalone system" on National conference ICCT 2016
2. **"**Development of MATLAB Simulink model for photovoltaic arrays**"** on International conference ICCEET 2012
3. **"**Digital Simulation of Single and Interleaved Soft Switching Boost Converter for PV" on International conference ICCEET 2012
4. **"**Recent trends in power engineering" on National conference NCRTPE 2011

OTHER QUALIFICATIONS

- **Certified with AICTE UHV and UHV refresher 1**
- **Completed 1 coursera and 6 Edx courses**
- **Certified Internal auditor on QMS as per HLS ISO 9001:2015**
- Successfully completed **3 NPTEL courses**

FUNDED PROJECTS

- Applied a grant in SERB-DST titled “Optimization of grid connected hybrid PV-Wind-Battery system using MPC design”
- Applied 2 TNSCST projects-2021

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ACHIEVEMENTS

- **UNIVERSITY RANK** holder in P.G.
- Bagged third position in department in third and fifth semester exams conducted by Anna University

DECLARATION

I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.