

## RESUME

### PERSONAL INFORMATION

NAME : Dr. M. KESAVAN  
DATE OF BIRTH : 18. 05. 1980  
QUALIFICATION : M.SC., M.Phil., PGDCA., Ph.D.  
ADDRESS FOR COMMUNICATION : S/o K. Marimuthu, Kallikkudi , Parthibanur post,  
Paramakudi (tk), Ramanathapuram (dist)  
PIN CODE - 623608  
MOBILE NUMBER : 8098054722 & 9442656867  
EMAIL ID : mksashwin@gmail.com

### ACADEMIC QUALIFICATION

S.NO	DEGREE	SUBJECT	COLLEGE/UNIVERSITY/BOARD	MARKS IN %
1	Ph.D.	ELECTRONICS	GOVERNMENT ARTS COLLEGE, KULITHALAI	87
2	M.PHIL	ELECTRONICS	SNR & SONS COLLEGE COIMBATORE	55.3
3	M.SC	ELECTRONICS	THANTHAI HANS ROVER COLLEGE PERAMBALUR	67.8
4	PGDCA	COMPUTER APPLICATIONS	JEYALAKMI INSTITUTE OF TECHNOLOGY	70
5	B.SC	ELECTRONICS	GOVERNMENT ARTS COLLEGE,PARAMAKKUDI	53.33
6	HSC	BIO MATHS	STATE BOARD	53.61
7	SSLC	-	STATE BOARD	61

## WORKING EXPERIENCE

S.NO	DESIGNATION	INSTITUTION	YEAR
1	LECTURER	PTMTM COLLEGE KAMUTHI	04.07.2005 TO 31.07.2006
2	GUEST LECTURER	GOVERNMENT ARTS COLLEGE PARAMAKUDI	1.08.2008 TO TILL DATE

## **LIST OF PUBLICATIONS (Peer – Reviewed Publications)**

1. **M. Kesavan**, K. Rajendran, P. Anbarasu, Arul raj, Anandaganesh, D.Jeyakumar and M. Ramesh, “Performance of dye-sensitized solar cells employing polymer gel as an electrolyte and the influence of nano-porous materials as fillers”, in journals of Material Research Express in press, 2018, 5, 11,115305, <https://doi.org/10.1088/2053-1591/aade2a>
2. **M. Kesavan**, Arul raj, K. Rajendran, P. Anbarasu, Sannasi, D. Jeyakumar and M. Ramesh, “Performance of cross-linked polymers based gel electrolyte in the fabrication of quasi-solid state dye-sensitized solar cells”, in journals of Material Research Innovations, 2018, 1-7, <https://doi.org/10.1080/14328917.2018.1537105>
3. **M. Kesavan**, K. Rajendran, P. Anbarasu, “Fabricated for dye sensitized solar cells using polyethylene oxide – blended polymers based gel electrolyte”, journals of international journals of research(IJR) ISSN: 2348-6848, Vol-05, Issue 12, April 2018

## **Conference presentations**

1. **M. Kesavan**, K. Rajendran, P. Anbarasu, “ Survey on TiO<sub>2</sub> Based DSSC Solar Cell”, International Conference on Recent Advancements in Advanced Material – PHYIM 2016, during 19<sup>th</sup> & 20<sup>th</sup> September 2016, Organized by Department Of Physics, Ananda College, Devakottai-630 303, India.
2. **M. Kesavan**, K. Rajendran, P. Anbarasu, “ TiO<sub>2</sub> based composite layer formed in Anode using (DSSC) Solar Cells”, National Seminar on ‘Advanced Materials Research’ (AMR-2017), for the period of 19<sup>th</sup> January 2017, Organized by Department of Physics, Alagappa University, Karaikudi-630 003, India
3. **M. Kesavan**, K. Rajendran, P. Anbarasu, “Fabricated for dye sensitized solar cells using polyethylene oxide – blended polymers based gel electrolyte”, National Conference on Recent Trends in Electronics (NCRE- 2018), during 8<sup>th</sup> & 9<sup>th</sup> January 2018, Organized by Department of Electronics, St. Joseph’s College, Tiruchirappalli-620 002, India.

## **PUBLISHED BOOKS**

### **Applications and Design with Analogic's**

**Author: KESAVAN (M) .**

**Copies available for loan: Connemara Public Library (1) Call Number: 621.381957 KES Accession Number: 679380 Actions: [Reserve](#)**

### **Basic Electronics**

**Author: KESAVAN (M) .**

**Copies available for loan: Connemara Public Library (1) Call Number: 621.381 KES Accession Number: 679382 Actions: [Reserve](#)**

### **PIC Microcontrollers (GPC)**

**Author: KESAVAN (M) .**

**Copies available for loan: Connemara Public Library (1) Call Number: 621.381952 MIC Accession Number: 679381 Actions: [Reserve](#)**

## **RESEARCH AREA**

Solar cell, Antennas, Microprocessor, Lithium Ion Batteries, Photovoltaic Transistor, Hybrid Solar Cell, PIC Microcontroller based Embedded system, Quantum Dots PV Cells, Perovskite Solar cell, Organic and Dye Sensitized Solar Cell.

## **DECLARATION**

I hereby declare that all the information provided above is the true and the best of my knowledge.

Yours faithfully,

Place : Paramakudi.

Date :

**(M. KESAVAN)**