**S.ManickaVinodhini**

SMVinodhini@gmail.com

+91-9080323451

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| Career Objective |

Looking forward to build my career by utilizing all opportunities to implement my skills and knowledge in order to pursue a long term relationship with the organization.

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| Career Summary |

* A progressive and multitalented lecturer with extensive practical knowledge having 1 year experience as teaching assistant.
* Excellent knowledge of electronics technology and the new methodologies.
* Proficient in managing the opportunities for students.
* Excellent in providing the real time knowledge about technology.

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| Key Responsibilities Handled |

* Manage the power point presentation for students.
* Provide conceptual knowledge and make them visualize the things.
* Identify the weak points of students.
* Organize the industrial visit for students.
* Provide the help during the project.
* Provide support to weak students.

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| Academia |

* Master of Engineering (VLSI) from S.K.R Engineering College with 80% in 2015.
* Bachelor of Engineering (ECE) from Velammal College of Engineering in year 2008-2012 with Aggregate of 74.4%
* Senior Secondary (12th) from Chethana Matriculation Higher Secondary school with 80%, in year 2008
* High School (10th) From Chethana Matriculation Higher Secondary school with 80% in 2006

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| Academic Project Undertaken |

* Project Titled “COMPARATIVE ANALYSIS OF SPATIAL AND FREQUENCY DOMAIN DATA HIDING”

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| Project Title | Comparative Analysis of Spatial and Frequency Domain Data Hiding |
| Platform | MATLAB |
| Description | This work aims at concealing sensitive data. The objective of this project is to propose a novel secured image transmission algorithm |

* Project Titled “PCA BASED MEDICAL IMAGE FUSION”

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| Project Title | PCA based medical image fusion |
| Platform | MATLAB |
| Description | The aim of this project is to combine MR & CT images to get more information about the MR image |

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| Areas of Interest |

* VLSI
* ASIC Design
* DIGITAL IMAGE PROCESSING
* COMPUTER NETWORKS
* C LANGUAGE

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| Computer Proficiency |

* Languages known:

C,C++,MATLAB,VERILOG,LABVIEW,XILINX 9.1,TANNER,RASPBERRY PI

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| Work Experience |

* Worked as Lecturer in Dr.M.G.R. EDUCATIONAL RESEARCH INSTITUTE from 2012-2013
* Handled Analog and Digital Electronics ,C Programming & Microprocessor Lab
* Worked as Co-ordinator and Principal in Kiddie Castle International Preschool, Madurai
* Worked as Customer Loyalty Executive and Software Co-ordinator in Concretia Rock Products Private limited , Madurai

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| Achievements |

* Best Disciplinary Award
* Paper Titled “Comparative Analysis Of Spatial And Frequency Domain Based Data Hiding” In International Conference On Technological Convergence For Information, Health, Food And Energy Security 1st And 2nd May, 2015
* Paper Titled “A Novel Data Hiding Technique via RCM and AES Encrypted Images” In International Conference on Research Methods in Engineering and Technology” On 3rd May 2015
* Journal Titled “Comparative Analysis of Wavelets for Fusion Application” on IJCA Proceedings on Emerging Technology Trends Advanced Engineering Research – 2012
* Journal Titled “A Comparative Approach for Increasing Security and Data Embedding Capacity in Images for Data Hiding Applications” in International Journal of Pure and Applied Mathematics on June 2018.
* Have been appointed as Examiner for the central valuation for April 2013 board Examinations.
* Participated in the two days Faculty development Program on microcontroller and lab view during September 2012
* Participated in project contest and paper presentation organized by ECE association in our college during 2009
* Member of “The Institution of Electronics and Telecommunication Engineers”

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| Personal Details |

Father’s Name : T.ShanmugaSundaraPandian

D.O.B : 23.05.1991

Languages Known : Tamil, English

Place: Madurai SIGNATURE

S.MANICKA VINODHINI