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Kavitha Murugan

CAREER OBJECTIVE

To contribute the growth of an engineering college by working as a faculty in a position where I will have opportunities to build and refine my teaching skills and knowledge.

EDUCATIONAL QUALIFICATIONS

Course/ Degree	Specialization	Institution	Aggregate %	Year of Passing
Master	M.Tech IT	KSR College of Engineering, Tiruchengode, Namakkal District.	83%	2014
Bachelor	B.Tech IT	Vivekanandha Institute of Engineering and Technology for Women, Elayampalayam, Namakkal District.	81%	2011

EXPERIENCE

S.No	Name of the Institute	Department	Nature of the work	Duration	Total Experience
1.	Shree Sathyam College of Engineering	Computer Science and Engineering	Assistant Professor	From:02-06-2014 to 22-12-2014	6 Months
2.	Dhirajlal Gandhi College of Technology	Computer Science and Engineering	Assistant Professor	From:22-12-2014 to Till Date	2.1 years

CERTIFIED TRAINING DETAILS

Name of the institute: Vimarshana Academy of Learning (P) Ltd.
Course title: Certification in Software Testing.

ACHIEVEMENT

- Achieved 100% result in the subject “Image processing and analysis” (PG).
- Accomplished 98% result in the subject “Computer Architecture” (UG).
- Attained 90% result in the subject “Design and analysis of algorithm” (UG).

TECHNICAL SKILLS

Basics Language : C, C++, java, PHP

Database : SQL

Web Technology : HTML

Tools : MATLAB, Testing tool QTP, VisualStudio.Net,
Adobe Photoshop

Operating System : Windows 98, 2000, XP, 7, 8.

ACADEMIC PROJECT DETAILS

- Done a PG project in the title of “**Recognition of Spatially Significant Zones Using Morphological Dilation With advanced watershed_Segmentation algorithm**” to detect the significant zone.
- Done a project titled “**A New Data mining Approach For Network Intrusion Detection**” during UG to detect the attacks.

SUBJECTS/ LAB HANDLED

HANDLED SUBJECTS

- Design and analysis of algorithm,
- Computer Architecture,
- Computer programming,
- Computer graphics,
- Advanced Computer Architecture,
- Graph theory and its application,
- Database Management system.

HANDLED LAB

- Computer programming lab,
- Computer graphics lab,
- Advanced Data Structures.

INTERNATIONAL JOURNAL

- Published the paper on the topic “**Recognition of Spatially Significant Zones using Morphological Dilation with Advanced Watershed Segmentation Algorithm**” in **International Journal of Innovative Research in Computer and Communication Engineering** at Jayshriram Group of Institution.

- Published the paper on the topic “**Analysis of tuberculosis using body area network**” international Journal “**The Discovery Journal**”.

CONFERENCE /WORKSHOPS

- Presented the paper on the topic “**Recognition of Spatially Significant Zones using Morphological Dilation with Advanced Watershed Segmentation Algorithm**” in **International Conference** at Immanuel Arasar JJ College of Engineering.
- Presented the paper on the topic “**Recognition of Spatially Significant Zones using Morphological Dilation with Advanced Watershed Segmentation Algorithm**” in **National Conference** at Easa College of Engineering and Technology.
- Presented the paper on the topic “**Wireless E-healthcare System for TB Patients**” in **National Conference(NCCSIS’13)** at Annapoorana Engineering College.
- Participated in **International workshop** on “**Mathematical morphology and pattern recognition**” conducted at Indian Statistical Institute, Bangalore.
- Participated in **National workshop** on “**Advances in Image Processing using MATLAB**” conducted at Kongu Engineering College.
- Participated in **National workshop** on “**Research Challenges in Wireless Sensor Network**” conducted at Kongu Engineering College.
- Participated in **National seminar** on “**Cyber Security Challenges and Role of Intelligence**” conducted at KSR College of Engineering.
- Participated in **National Conference** on “**Engineering application for developing Smart Cities**” conducted at Dhirajlal Gandhi College of Technology in March 2015.
- Gone for the industrial visit to **Salem Steel Plant** in Salem.
- Attended a workshop on “**Super body super brain and super you**” conducted at Dhirajlal Gandhi College of Technology.
- Attended a workshop on **MOOC** conducted at Dhirajlal Gandhi College of Technology.
- Gone for the industrial visit to **EMC²** in Bangalore.
- Attended a workshop on “**Introduction to PHP**” conducted by ICTACT Academy at Shree Shanmugam college of engineering in December 2016.
- Attended a workshop on “**Image processing and its application using MATLAB**” conducted at Vellore institute of Technology in January 2017.

EXTRA-CURRICULAR ACTIVITIES

- Won **first prize** in school and college level **Drawing competition**.
- Acted as a Member of Organizing committee for national seminar on “**Cyber Security Challenges and Role of Intelligence**”.
- Member of **IEEE**.
- Member of **Institute of Engineering and Technology(IET)**.
- Active participant as **co-ordinate member** in college symposium.

PERSONAL DETAILS

Date of Birth : 15-11-1989
Gender : Female
Fathers Name : M. Murugan
Languages Known : English, Tamil
Marital Status : Single

DECLARATION

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

DATE:
PLACE: Salem

M.KAVITHA