NAMITHA VENUGOPAL

vg.namitha@gmail.com

+919539749496

OBJECTIVE

To pursue a challenging career as a teacher and be a part of a progressive organization, that provides me opportunity to enhance my knowledge, skills, experience and enable me to fulfill my passion.

PERSONAL DETAILS

Name	:	Namitha Venugopal
Date of Birth	:	10-12-1989
Age	:	30 yrs
Father's Name	:	M.N. Venugopalan
Mother's Name	:	Padmavathy C G
Husband's Name	:	Ranjith R Nair
Religion	:	Hindu

EDUCATION

COURSE	INSTITUTION	AGGR.EGATE	YEAR OF PASSING
M. Tech (Signal Processing)	Rajagiri School of Engineering and Technology	81.5	2014
B.Tech (Applied Electronics and Instrumentation)	Rajagiri School of Engineering and Technology	67.5	2011
Class XII	St.Peters Senior Secondary School, Kadayiruppu	85	2007
Class X	St.Peters Senior Secondary School, Kadayiruppu	83	2005

SKILLS

- Operating Systems: Windows
- Languages known: MATLAB, LabVIEW C , C++

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- Subjects of interest: Signals and systems, Digital Signal Processing, Digital Image Processing, Speech Processing, Neural Networks, Biomedical Signal Processing, Multirate Signal Processing.

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INTERNSHIP

Company name: Rajiv Gandhi Center of Biotechnology **Location**: Thiruvanthapuram   **Duration:** 2 weeks

- Familiarization of their centralized core facility equipped with several minor and major equipments to cater the requirements of research personnel..

PROJECTS

Fuzzy Clustering Based Decision Tree approach For Large Population Speaker Identification   Team Size: 1   Project Duration: 1Year

- MFCC+GMM technique for speaker recognition.
- Fuzzy clustering decision tree was constructed.
- Compared with the MFCC+GMM approach and the best feature set data was extracted.
- Fuzzy Clustering Based Decision Tree Approach For Large Population Speaker Identification was implemented as M.Tech Project.

LOCATION BASED SPEED LIMITER   Team Size: 4   Project Duration: 6 months

- Aimed at controlling the speed of vehicles automatically according to the region the vehicle is passing through.
- Location based speed limiter was developed as a B.Tech main Project phase.

MICRO MOUSE   Team Size: 4   Project Duration: 6 months

- A robot aimed to solve a maze.
- Micro Mouse was developed during BTech Mini Project phase.

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SEMINAR

MULTIPLE OJECT 2-D-3-D REGISTRATION FOR NONINVASIVE POSE IDENTIFICATION Of FRACTURE FRAGMENTS : M.Tech

- Registration is the determination of a geometrical transformation that aligns Points in one view of an object with corresponding points in another view of that object or another object.
- It describes a non invasive technique to identify the poses of the fracture fragments.

SPEECH FEATURE MAPPING BASED ON SWITCHING LINEAR DYNAMIC SYSTEMS : M.Tech

- Speech feature mapping is a technique used to reduce the mismatch between the speech recognition ,odel and the input speech by mapping the distorted speech to its clean counterpart.
- Switching linear dynamic system is a useful model for speech feature mapping.

EXPERIENCE

DESIGNATION	DATE FROM	DATE TO	TITLE AND ADDRESS OF EMPLOYER
ASSISTANT PROFESSOR	26-09-2018	TILL DATE	DEPARTMENT OF INSTRUMENTATION CUSAT
ENGINEERING TRAINEE	04-05-2015	31-08-2018	AARKAY ERECTORS PRIVATE LIMITED

ACHIEVEMENTS

- Won several prices for dance in state level competitions conducted by All Kerala CBSE School Association.
- Won prize for dance in the National Fest conducted by NIT Calicut in the year 2010.
- Won prizes for various Arts competitions held in the Rajagiri School of Engineering and Technology.

REFERENCE

- Prof. Dominic Mathew, Dept.of Applied Electronics & Instrumentation Engineering. Rajagiri College of Engineering & Technology, Ernakulam, Email id: dominicm@rajagiritech.ac.in Phone No.:9249895975
- Prof. Abraham Thomas, Dept.of Applied Electronics & Instrumentation Engineering. Rajagiri College of Engineering & Technology, Ernakulam, Email id: abrahamt@rajagiritech.ac.in Phone No: 9747283961

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- Mr K P Raveendran Nair ,General Manager, Aarkay Erectors Pvt Ltd, Chithrapuzha, Irumbanam P.O, Ernakulam, Email Id: ravinair53@yahoo.co.in Phone No: 9746457835

DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Place : Puthenkruz   NAMITHA VENUGOPAL