

CURRICULUM VITAE

Ms. Suma Manjunath N

B.E., M.Tech.(Ph.D)

Date of Birth : 31st December 1981

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PERSONAL

SUMMARY

Possess around 10 years of experience in Academia and 2.7 years of IT industry experience and more than 2 years of experience as Customer Service Manager. Maintained an appreciable feedback record all through my teaching experience. Possess an excellent counselling, listening and general communication skills. Possess a strong passion to work in Academic Institutions because institutions play an important role in having a progressive society with entrepreneurs and leaders.

TECHNICAL PROFICIENCIES

- Proficiency in working with MS Office, C, C++, Embedded C, C++.
- Proficient in handling Node Builder Development Tool, LonMaker Integration Tool along with Neuron C programming language.
- Skilled in working on MATLAB and sound knowledge of VHDL and Verilog.

**PROFESSIONAL
EXPERIENCE**

Assistant Professor, CSE-AIML Dept. Apr 2023 - Apr 2024
AMC College of Engineering, Bangalore

**Teacher & Trainer(Eng Grammar & Comm and Personality
Devt.) Vision Fly Institution, Bangalore July 2022
– Feb 2023**

**Customer Service Manager Feb 2018 - Mar
2020 Basava Pracheena Vaidya Anveshana Pvt. Ltd.,
Bangalore**

**Assistant Professor Jan 2011 – Aug
2017**
Department of Electronics and Communication
School of Engineering and Technology
Jain University, Jain Global Campus, Jakkasandra

EDUCATION
**MASTER OF
TECHNOLOGY**

M.Tech

Area of Post Graduation: Power Electronics
BMS College of Engineering, Bangalore
Visweswaraiah Technological University, Belgaum

Passed out in July

2018

B.E.

2005

Area of Graduation: Electronics and Communication
JSS Academy of Technical Education, Bangalore
Visweswaraiah Technological University, Belgaum

Passed out in April

PGDCA

Area of Post Graduation Diploma : Computer Applications
Certified by NICT, Bangalore

JOURNAL PUBLICATIONS

1. Dushyantha N. D, **Suma M N**, Mrityunjaya V. Latte
“MATHEMATICAL MODELING OF L A M B W A V E
SCATTERING FOR STRUCTURAL HEALTH
MONITORING”
Journal of Civil Structural Health Monitoring, Springer
Publications.
2. Dushyantha N. D, **Suma M N**, Mrityunjaya V. Latte “DETECTION
AND LOCALIZATION OF DAMAGE USING EMPIRICAL MODE
DECOMPOSITION AND MULTILEVEL SUPPORT VECTOR

PATENTS

1. Patent No. : 747/CHE/2014 (Filed)
Title of the invention : A system and method for In-vehicle
Traffic and Route indication and automatic vehicle
control.
2. Motorized Breath Controlled Wheel chair for Tetraplegics
(In the process of Filing)

CONFERENCES AND WORKSHOPS ORGANISED

1. Cyber Security Hackathon, KAVACH - 2023, August 8th-9th,
2023
2. National Level Hackathon, HACKZION V.1, December 19-20,
2023
3. Recent Advances in Communication, Electronics and
Electrical Engineering (RACEE-17)
2. INVENTECH - 16 : An innovative business incubation
competition (October 2016)
3. Two days National Workshop on Micro/Nano Devices,
Circuits and Systems (April 2016)
4. Three days Zonal level Faculty Development program on
“Applied Electromagnetics and Communication” (AEC-2016)
5. IDEA CONTEST - 2015 & 2014
6. National Conference on Embedded Systems and Signal
Processing (NESP-2014)
7. National Level Project Exhibition and Competition – Aug 2012

CONFERENCES AND WORKSHOPS ATTENDED

1. One Week National Level Faculty Development on Cloud Infrastructure(AWS), by BrainoVision Solutions India Pvt. Ltd. In collaboration with AICTE, August 2023
2. One Week AICTE-VTU Joint Teachers Training Programme on “Introduction to Python Programming & its Applications”, June 2023
3. One Week AICTE-VTU Joint Teachers Training Programme on “Fundamentals of Data Science & Analytics”, June 2023
4. One Week AICTE-VTU Joint Teachers Training Programme on “Introduction to Cyber Security”, June 2023
5. Two days National Workshop on Micro/Nano Devices, Circuits and Systems (April 2016)
6. Three days Zonal level Faculty Development program on “Applied Electromagnetics and Communication” (AEC- 2016)
7. National Conference on Embedded Systems and Signal Processing (NESP-2014)
8. Two days workshop on Comprehensive Life Skills and Personal Safety. (August 2017)

PARTICIPATED AND PRESENTED PAPERS IN CONFERENCES

1. Innovations and Emerging Trends in Artificial Intelligence and Machine Learning Applications, 1st International Conference (ICIETAIML-2023)
2. Recent Advances in Communication, Electronics and Electrical Engineering (RACEE-17)
3. Recent Trends in Electrical, Electronics, Computing and Information Technology (NCRTEECIT-16)
4. National Conference on Energy Systems and Energy Issues (ESEI - 2011)

ROLES AND
RESPONSIBILITIES
UNDERTAKEN IN MY
PREVIOUS AND PRESENT WORKFORCE :

- Have played an active role during NAAC visit in August 2023 and have been the Convener for Criteria 5.1.5, NAAC at AMCEC.
- Provided Guidance to Multiple Teams in Mini Project Exhibition, Dept. of CSE, AMCEC, Sept 2023.
- Coding and Development using C and C++ for embedded projects.
- Have played an active role during NAAC and NBA visit in Jain University.
- Providing motivation to the work force and make them realize the goals of the organization.
- Handling external or internal communication or management systems.
- Handled the responsibility of Counselling students in the University.
- Designed the Course Curriculum for 20 Course subjects
- Organising Workshops and Conferences and Annual events along with hosting.
- Have executed the role of Master Compere (MC) in many occasions across the University
- Have written blogs for company websites and articles in educational websites.

AWARDS AND
RECOGNITION

Received an award from Jain University in 2014 in Idea contest for the idea “Reliable Automated Damage Assessment during Natural Disaster to Provide Compensation”

Received awards as winner of the competition in Marathon, Badminton and Carom.

HOBBIES AND PERSONAL INTERESTS

1. Handling the responsibility of Counselling students in Jain University.
2. Providing guidance on Patent Drafting and Filing.
3. Reading and Writing Articles
Articles are published in Educational websites, viz.,
 - <http://www.yokibu.com/communityspeak/2017/thrust-forearning-devouring-thirst-for-learning/>
 - <http://www.yokibu.com/communityspeak/2015/televisioncripples-vision-kills-mission/>
 - <http://www.yokibu.com/communityspeak/2016/gamessignificant-for-little-n-growing-tots/>
4. Playing Badminton and other Outdoor Games

Declaration :

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

Mrs. Suma Manjunath N