

# *CURRICULUM VITAE*

**ASHWINI.E.M**

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## ***Objective:***

Energetic and confident, eager to contribute to the growth of a company with quality services. Highly motivated with strong work ethic. Very fast learner and well adjustable to new environment. Belief in hard and dedicated work. Capable of handling a team and arranging events. Not just merely belief in filling job descriptions but bring productivity, enthusiasm and excellence in my job.

## ***Educational Qualification:***

<b>Course</b>	<b>College</b>	<b>Year of passing</b>	<b>%Marks Secured</b>
BSc.IT	Kuvempu University	2010	71.46
MSc.IT	Kuvempu University	2012	66.66

## ***Academic Project 2: For MSc IT***

### ***“IMPLEMENTATION OF ADAPTIVE ROUTING ALGORITHM IN MANETS”***

A mobile ad hoc network (MANET) is a noncentralized, multihop, wireless network that lacks a common infrastructure. It therefore needs self-organization. MANETs are autonomous, adaptive and dynamic in nature.

Mobile Ad hoc network consists of a set of mobile nodes. This network does not have any Infrastructure or central administration, hence it is called infrastructure less network. As the nodes are mobile, it is very difficult to find the path between two end points. This paper presents a solution for finding path between nodes in mobile ad hoc network.

***Work Experience :***      ***10 years***

### **I. Apprenticeship trainee.:**

**Year** : Feb 2005 to Jan 2006

**Place** : **B.H.E.L.** Bangalore.

**Job Responsibilities** :

- ✓ Assembly of regulation modules.
- ✓ Soldering of various components .
- ✓ Wiring of power & regulation module .
- ✓ Technical assembly & integration of multi \_pcb modules.
- ✓ Involving in the final assembly of different power supply modules & assembling of different types of pcb's.
- ✓ Preparation of schematic drawing in electronic work bench & circuit simulation.
- ✓ Exposure to various types of electronic components.
- ✓ Knowledge of Soldering Including SMD boards.
- ✓ Rework of electronic modules containing multiple PCBs.

### **II. Production And Testing Lead:**

**Year** : Jan 2006 to feb 2007

**Place** : eVillage System, Bangalore, Shimoga.

**Job Responsibilities:** Consumer Electronic products, Production, Testing and Quality Control.

### **V. Software Engineer:**

**Year** : April 2007 to July 2007

**Place** : Staffing Solutions, Bangalore

**Job Responsibilities:** Website Development, Property Tax maintainance.

### **VI. Computer Programmer & Lab Instructor**

**Year** : August 2007 to till date

**Place** : PES Institute of Technology And Management, Shimoga

**Job Responsibilities:** Teaching practical subjects in lab.

### **VII. Assistant Professor:**

**Year** : January 2012 to till date

**Place** : PES Institute of Advanced Management studies, Shimoga

**Job Responsibilities:** Teaching Technical subjects.

*Paper presented in National & International Conference:*

1. “Data Mining & its applications in various fields” [ National Conference on Advanced Computing and Communication(NCAAC’12) Kuvempu University ]
2. “Reality of Computer Vision and Applications” ”[ National Conference on Advanced Computing and Communication (NCAAC’12) Kuvempu University]
3. “Performance Evaluation and Implementation of an Adaptive Routing Algorithm in MANETs.”[National Conference on Advanced IT, Engineering and Management (SACAIM 2012) Mangalore]
4. “Greening the Internet “[National Conference on Advanced IT, Engineering and Management 2013], PESITM Shimoga.
5. “Network Security” [National Conference on Advanced IT, Engineering and Management 2013]
- 6.”Trust and Privacy models in Social Network Perspective” [International Conference on ICICT 2014 may 5th, PESITM]
7. Publications(papers): 1 Journal & 8 conference papers
  1. “TADOOP: Traffic Analysis and Traffic Solution Using Hadoop”[International Journal of Innovative Research in Computer and Communication Engineering(An ISO 3297: 2007 Certified Organization)] Vol. 3, Special Issue 7, October 2015 ,Copyright to IJIRCCCE [www.ijirccce.com](http://www.ijirccce.com).
  8. “Detecting spam review in e-commerce website” [National Conference on Emerging Trends 2016,AIT Chikkmanglore ]
  9. “Applications and techniques of big data for development: A survey”[ National Conference on 20th may 2017, PESIAMS]
  10. “MAC address randomization implemented by intrusion detection system” [“National Conference on Advanced Research in Science, Engineering and Management”, at the P E S Institute of Technology and Management ,Shivamogga, on May 26th 2018].
  11. MOOC and Clouds Provides an Opportunity for Teaching, Learning Environment to Students. [National Conference on "Higher Education in India: Challenges and Opportunities" at PESITM, Shivamogga on 15th November 2019].
  12. IDENTIFICATION OF HEALTHY AND DISEASED MAIZE LEAF USING KNN-CLASSIFIERS [National Llevel Virtual Conference on Recent Advancements in Computer, Communication and Iinformation Technology (RACCIT – 20) , at Sri Ramakrishna Institute of Technology, Coimbatore 641 010, on 26th August 2020].

***KEY COMPETENCIES AND SKILLS***

## Professional

- Able to organize own workload effectively and prioritize tasks.
- Can handle all the work related to the department.
- Can quickly understand business requirements and then translate these into functional requirements.
- Having a passion for customer service & responding quickly to enquiries.
- Can manage multiple projects in a fast-paced, deadline-driven environment.
- Adaptable and able to quickly pick up new techniques.
- Understanding of W3C standards, web accessibility & best practice.

## Personal

- Passionate about doing a good job.
- First rate interpersonal and communication skills, able to easily interact with fellow developers and students.
- Participated in brainstorming sessions to come up with ideas.
- Strongly committed to all projects from inception right through to the end.
- Confident, friendly and easy to get along with.

## *Computer Skills:*

<b>Operating Systems</b>	:	DOS, Windows XP, RedHat Linux.
<b>Computer Languages</b>	:	C, C++, Visual Basic 6.0, Java 2.12, .NET, Web Programming, Data structure, App development .
<b>Database</b>	:	Oracle 8.0
<b>CAD Packages</b>	:	Orcad 9.0, CAED- Solid edge.
<b>Account Management</b>	:	Tally7.2
<b>Assembly Language</b>	:	8085, 8086, PIC Microcontrollers.
<b>Embedded C compilers</b>	:	Mplab C, PIC C.
<b>Subject Handled</b>	:	Computer networks, java, Advance Java, C Programming, C++, Unix and shell programming, Data communication & Networking, Computer Organization and Architecture, DBMS, Data structure, Operating system, Computer Fundamentals, Information Technology.

## ***FDP and workshops Attended:***

1. Attended Seven day faculty development programme on “ **Institutional Benchmarking of Best practices**” organized by 10 premier Institute of India from 8<sup>th</sup> June to 14<sup>th</sup> June.
2. Attended International level one week faculty development programme on “**Advanced data science and its applications**” organized by department of CSE & IT, BVRIT HYDRABAD College of engineering for women from 22<sup>nd</sup> June to 26<sup>th</sup> June 2020.
3. Attended five days faculty development programme “ **Research Trends in Image Processing**” held during 15<sup>th</sup> to 19<sup>th</sup> June 2020.
4. Attended International level one week Virtual faculty development programme on “**Moodle Learning Management System**” organized by Don Bosco College Central Library and

IQAC, Itanagar, Arunachal Pradesh in association with Spoken 'Tutorial, IIT Bombay (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) from June 15 to 19 2020.

5. Attended Two day national Level Seminar on "**Legal Privileges of women in Contemporary India**" on 26<sup>th</sup> & 27<sup>th</sup> June 2020, Organized under the Banner of Mythri (Women Empowerment and Harassment Prevention Cell ) PESIAMS Shimogga.
6. Attended five day online Hands – on Workshop on "**SPSS and AMOS**" on 8<sup>th</sup> to 10<sup>th</sup> July 2020 13<sup>th</sup> and 14<sup>th</sup> July 2020 Organized by PESIAMS Shimogga.
7. Attended one week online faculty development programme on "**OUT COME BASED EDUCATION: A STEP TOWARDS EXCELLENCE**" from 11<sup>th</sup> to 15<sup>th</sup> may 2020 under Margdasha Scheme of AICT, New Delhi.
8. Attended six day faculty development programme on "**Introspection & Gearing up for New Age Teaching Delivery – Post COVID 19**" Conducted from may 28<sup>th</sup> to 2<sup>nd</sup> June 2020.
9. Attended one day National Level Faculty Development Programme on "**Plagiarism Free Research Report Writing**" held on 08<sup>th</sup> June 2020.
10. Attended three day faculty Development Programme on "**OUT COME BASED EDUCATION**" Organized by School of Arts, Science and Commerce and IQAC, Rai University, Ahmedabad, Gujarat – India in Association with Inpods India, Pune, held on 22<sup>nd</sup> to 24<sup>th</sup> July 2020.

### **Webinar:**

1. Participated in Two days webinar on "**Application of ICT tools in research**" organised by centre for research and development and IQAC, Rai University, Ahmedabad, Gujarat- India.
2. Participated in the webinar "**Image processing applications**" on 3rd July 2020 hosted by AIMIT ST. Aloysius college (Autonomous) mangalore in Association with Pantech.
3. Participated in the Webinar "**Internet of things using audino**" on 16th June 2020 hosted by Dr. Shayma Prasad Mukherjee University association with Pantech.
4. Participated in the webinar "**Natural language processing**" on 7th July 2020 hosted by Siddhartha institute of Technology and sciences in Association with Pantech.
5. Participated in the Webinar matka number "**Internet of things using NODEMCU**" on 23rd June 2020 hosted by sivakumar singh institute of technology and Science association with pantech.
6. Participated in the International webinar on "**VFX techniques in video editing**" organized by department of computer Science and Engineering on 3rd July 2020.
7. Attended online faculty development programme "**Role of Technology in a post covid world**" on 12th June 2020 department of Electronics and communication engineering, R.M.K Engineering College.
8. Participated in the webinar "**Intellectual property Rights patent filing procedure**" organised by the Department of Mechanical Engineering of shetty attitude of Technology, kalburgi on 15th June 2020.

9. Participated in the webinar " **Understanding social media true Analytics** " organised by department of information technology, Sri Ramakrishna Technology on 1st June 2020.

10. Participated in the international webinar on "**HR Challenges and responses - under global pandemic**" organized by IQAC in association with department of Commerce and Bachelor of Management Studies after college on 13th June 2020.

11. Participated in the technical webinar on" **Utilization of support system to prevent slope failure**" organized by Geotechnical Design Engineer, on22nd June 2020.

12. Participated in the webinar "**Application sign off brain computer interface**" on13th June hosted by Adamas University in Association with Pantech.

### *Extra Curricular Activities:*

- Reading -Computer, life skill Books.
- Cooking, sports, dancing etc...
- Making craft , painting, travelling ....

### *Personal Profile:*

**Date of Birth** : 06/03/1984  
**Gender** : Female  
**Marital Status** : Married  
**Languages Known:** Kannada, English, Hindi.  
**Permanent address :** "KALASH "  
No: 33  
Sahakari Nagar  
J.H.Patel Extension  
Shimoga – 577204  
**Mob: 9449162221**

I , Ashwini E.M., declare that the information furnished above is to the best of my knowledge.

*Place:Shimoga*

*Ashwini E.M*