ANNAIAH HALAPPA

**Annaiah H., B.E., M.Tech, PGDBA, MISTE**

Assistant Professor,

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 **Professional Summary**

**Currently working as a Assistant Professor in Government Engineering College, Hassan, Karnataka, India in Department of Computer Science and Engineering branch from past 11 years.**

**Earlier to this, worked as Senior Software Engineer at Infosys Technologies Ltd., India for 4 years and at Software Paradigms International, Mysore for 1 year. Have spent most of this period working on development, testing, support and maintenance projects of various applications. Had the opportunity to work on a multitude of domains such as Banking, financial services, Telecom, Logistics. Possess good experience in all stages of software life cycle including requirement gathering, requirement analysis, use case modelling, coding, unit testing, system testing and integration testing. An energetic and self-motivated individual, have worked successfully in the capacity of a developer and testing engineer at offshore. Have contributed effectively to the team by taking up responsibilities like Knowledge Management (KM) Anchor .**

 **ACADEMIA**

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| **Degree/Qualification** | **University/School** | **Year** |
| **M.Tech Computer Network Engineering** | **N.I.E, Mysore****V.T.U, Belgaum,Karnataka** | **2004-06** |
| **B.E. Computer Science & Engineering** | **B.I.E.T, Davangere, V.T.U, Belgaum ,Karnataka** | **2000-04** |
| **PUC ( 12** th **std)** | **Govt Junior College, Kudremukh, Karnataka** | **2000** |
| **X Standard** | **Giri Jyothi Convent Schools, Kudremukh.****Karnataka State Board** | **1997** |

 **Certifications**

* HCIA (Huawei Certified ICT Associate) and HCAI (Huawei Certified Academy Instructor)
* Certified in INS11 for Title Banking Domain

 **Personal Vitae**

**Date of Birth :** 18 July, 1981

**Languages :** English, Kannada, Hindi.

 RESEARCH INTERESTS

* **Cloud Computing**
* **Internet Protocols**
* **Wireless Networks.**
* **Storage Area Networks**
* **Quality of Service(IPSec in IPv6)**
* **Cyber Security**

 SUBJECTS HANDLED

1. Software Engineering and Project Management
2. .Net with C#

3> Logic Design

1. Information Storage and Management
2. Programming Language Pragmatics
3. Unix Shell Programming
4. Software Testing
5. Programming in C and Data Structure
6. Software Architecture
7. Unix System Programming
8. Cloud Computing
9. Data Mining and Data Warehousing
10. Computer Networks
11. Management and Entrepreneurship
12. Python Programming
13. Java Programming

 MEMBERSHIP AND POSITION OF RESPONSIBILITY IN PROFESSIONAL SOCIETY ACTIVITIES

|  |  |  |
| --- | --- | --- |
| **2009** | **Permanent Life Member** | **Springer** |
| **2012** | **Permanent Life Member** | **Computer Science Teachers Association(CSTA).** |
| **2012** | **Membership** | **IJCSIET** |
| **2012** | **Permanent Life Member** | **International Association of Engineers (IAENG).** |
| **2013** | **Membership** | **International Association of Computer Science and Information Technology (IACSIT)** |
| **2013** | **Permanent Life Member** | **MISTE** |
| **2016** | **Board of Studies member** | **Government Science College, Hassan** |

 Roles and Responsibilities

* **Placement and Training Incharge for college since 6 years.**
* **Coordinator for TCS IT Employability program since 6 years.**
* **Coordinator for Siemens Employability program since 5 years.**
* **Single point of contact for Mission 10x Program, IIT-Bombay FOSS.**
* **Single point of contact for Cisco, UI Path,SaS, Amazon and Redhat Academic Initiations at college.**
* **AICTE coordinator for college.**
* **Digital Valuation centre Coordinator for consecutively 4 times.**
* **System, Application and Network Consutaltant for Hassan Institute of Medical Science, Hassan**
* **National Knowledge Network(NKN) administrator for college.**
* **Worked as a Special Officer in Examination Section for 2 months at Visvesvaraya Technological University, Belagavi**
* **Instrumental in developing an online exam application for Examination at Visvesvaraya Technological University, Belagavi**
* **Mentor of Change for Navodaya School, Mavinakere, Hassan allocated by Atal Innovation Mission.**
* **BOS member for Computer Science Discipline at Government Science College, Hassan**
* **BOS member at Kendriya Vidyalaya Sangatan School , Hassan**

 Short Term Courses Conducted

* **3 days Student Development Program on “ Introduction to Oracle 10g and Database Administration” at Government Engineering College , Hassan.**
* **One week FDP on Pedagogical Learning at Government Engineering College , Hassan.**
* **One week ATAL-AICTE sponsored FDP on “Research trends in IoT and Cloud Computing” at Government Engineering College , Hassan.**

 Short Term Courses attended

* **One week FDP on Storage Area Networks and Data Management at Malnad College of Engineering , Hassan.**
* **One week FDP on Android Application Development at JNNCE, Shimoga, Karnataka**
* **One week FDP on Big Data Analytics & its Applications VTU, Post Graduation Studies, Department of CSE, Mysuru**
* **Two week FDP on Cyber Security at JNNCE, Shimoga, Karnataka**
* **Four Week AICTE approved FDP by IIT Bombay on ''Use of ICT in Education for Online and Blended Learning''.**
* **Two week FDP on “Data Science” at MCE, Hassan, Karnataka**
* **One Week FDP at Cognitel Technologies limited , New –Delhi on “ Huawei Routing and Switching module”**
* **One Week FDP by on Data Analytics using SAS tool by “SaS Technologies”**
* **One week FDP on “Cyber Security “ by NITTT, Chandigarh.**

 Patents:

1> Applied for Patent on "Development of Smart Assistant System for Farmers using Raspberry Pi" with application number 202121001066.

2>Applied for Patent on "DESIGN AND DEVELOPMENT OF MISHAP DETECTION AND ASTUTE ACTION SMART SYSTEM USING IOT" with application number 202141005564.

3>The Commissioner of Patents, Australian Government, IP Australia has granted the patent on 5 May 2021 with the patent number 2021101685 on topic “ DESIGN AND DEVELOPMENT OF REAL TIME AUTOMATED ROUTING ALGORITHM FOR COMPUTER NETWORKS”

4> Applied for Patent on " Design and Implementation of Smart Air Quality Detection System based on IoT " with application number 202121018506.

 Publications

Have attended and chaired various workshops and conferences and have published good number of National and International Journal papers.

Hanumanthappa.J.,Dr.Manjaiah.D.H, Annaiah.H.,"Comparison and Contrast between IPv4-to-IPv6 Forward Address Mapping Algorithm with IPv6-to-IPv4 Feedback Address Mapping Algorithm in BD- SIIT IPv4/IPv6 Translation Mechanism",Proceedings of International Conference on Computer Science and Information Technology,ICCSIT 2010,September-2010,RLJIT,Bengaluru.

DW&C:Dollops Wise Curtail IPv4/IPv6 Transition Mechanism using NS2Dr.Hanumanthappa .J (Dept of Studies in CS,Manasagangothri,University of Mysore), Mr.Annaiah .H (Dept of CS&Engg,Govt Engg College,Hassan,Karnataka,India) at International Journal of Engineering Trends and Technology (IJETT), V14(6),271-279 Aug 2014. ISSN:2231-5381.

 Conference Presentations

1. Annaiah H., Hanumantappa B E, Dr.Manjaiah D H, " DDST: Derogated Slice Table for IPv4/IPv6 Transition Mechanism in NS2", International Conference on Distributed Computing and Internet Technology -2015 , https://icdcit.ac.in/
2. Ashwini B C, Annaiah H, "FOG COMPUTING TO PROTECT REAL AND SENSITIVE INFORMATION IN CLOUD", National Conference on Emerging Trends and Advances in Information Technology (NCETAIT-2016) held at Adhichunchangiri Institute of Technology, Chikmagaluru, India during January 29th and 30th,2016 and for publishing in the digital library of ISRASE.
3. Kavya B S, Annaiah H, "DATA RECOVERY AND BACKUP TECHNIQUE USING SEED BLOCK ALGORITH IN CLOUD COMPUTING", National Conference on Emerging Trends and Advances in Information Technology (NCETAIT-2016) held at Adhichunchangiri Institute of Technology, Chikmagaluru, India during January 29th and 30th,2016 and for publishing in the digital library of ISRASE.
4. Vinayashree H K , Udayadithya M R, Annaiah H. , " Approaches of Big Data Processing Over Cloud", First National Symposium on Networking 2018 at Vidya Vardaka College of Engineering,

Mysore on 30th April 2018

1. Supriya S, Vinayashree H K, Annaiah H. , " Applying Data Mining Techniques in Cyber Crimes", 3rd National Conference on Emerging Trends in Computer Science & Engineering in Association with IJSPR, ISSN : 234904689

 Chapters Published in Technical Books

1> Annaiah H, Anagha Shenoy, Bhoomika, on "A survey on Chatbot and Its Relevance in Present day", "Recent Developments in Engineering and Technology" RDET -2020.

2> Annaiah H, Anagha Shenoy, Bhoomika, on "Chatbot and Its Relevance in Present day", REVIEW OF LANGUAGE, LITERATURE, SCIENCE, COMMERCE AND HUMANITIES, First Edition: December 2020 ,ISBN: 978- 93-90082-89-6. A

3> Annaiah H, Harshitha , on "Women in Technology", REVIEW OF LANGUAGE, LITERATURE, SCIENCE, COMMERCE AND HUMANITIES, First Edition: December 2020 ,ISBN: 978-93- 90082-89-6

Declaration:

I do here by confirm that the information given in this form is true to do the best of my knowledge and belief.

Annaiah H.