

Dr. Vishwa Kiran S



Link to join Online Course: <https://hemanthrajhemu.github.io/COURSE/index.html>

Location: Bengaluru, Karnataka, India

Professional Summary

- 18+ years of experience in Information Technology
- 3 Years of research experience
- Full Time **PhD Scholar** between November 2013 to October 2016 at **University Visvesvaraya College of Engineering**
- Work experience spanning over multiple functions like – **development, training, content development, restructuring, up-gradation and formulation of lab experiments** for practical implementation
- Handled corporate training assignments for **Wipro, HP, Samsung, Nokia, L&T, Sasken, Cisco, Texas Instruments and Siemens**
- Preferred corporate trainer for Volvo, Cisco, Siemens. Hitachi Global Storage Technologies Ltd, a Western Digital Company - Japan,
- Dexterous in assimilating Functional Requirements and comprehending Design Documents
- Ability to multi task across activities such as client engagements, consulting, training and solution design with excellent report making and presentation skills.

Educational Qualifications

- **PhD (awarded in March 2019), UVCE, Bangalore University**
- **Master of Technology in Computer Science and Engineering (2004), Visvesvaraya Technological University**
- **Bachelor of Engineering. Electronics and Communication(2000), Bangalore University**

Technical Skills

- Programming Languages - C, C++, Java , Python
- Operating System - Gnu/Linux, UNIX, Windows
- RTOS - VxWorks, Free RTOS, Micrium - uC OS III
- Mobile OS - Symbian, Android, TIZEN, Meego
- Embedded Hardware Platform - 8051, ARM, OMAP, Beaglebone, ESP8266, ESP32
- IDE's - Visual Studio, Eclipse, Tornado, Android Studio
- Development Tools - gdb, GNUmake

Publications

Refereed Journals:

- S. Vishwa Kiran, J Thriveni, S Raghuram, K R Venugopal, "Cloud resource reduction evaluation by video caching and streaming in LAN environment", CSI Transaction on ICT, **Springer Journal**(Journal No.40012), Volume 5, Issue 4. December 2017.
- S. Vishwa Kiran, J Thriveni, S Raghuram, K R Venugopal, "Reduction of jitter in 3D video by transmitting over multiple network paths", Accepted in December 2017, **SCOPUS indexed** International Journal of Advanced Intelligence Paradigms, **Inderscience Publisher**
- Vishwa Kiran, J Thriveni, S Raghuram, K R Venugopal, "Multiple Server based Architecture for Jitter Free 3D Video Streaming ", *Communicated to "The International Journal of Computer and Telecommunications Networking"*, Elsevier

- Vishwa Kiran, J Thriveni, S Raghuram, K R Venugopal, "Meta Data Synchronization Techniques in Cached Video Streaming Applications ", *Communicated to Multimedia Tools and Applications, Springer.*

Presentations in Refereed Conferences:

- Vishwa Kiran S, Raghuram S, Thriveni J and Venugopal K R, "Efficient Video Transfer using LAN Caching assisted by Cloud Computing", In the Proceedings of **IEEE TENCON 2015, Macau, China**, November 1-4, 2015
- Vishwa Kiran S, Ramesh Prasad, Thriveni J, Venugopal K R and L M Patnaik, "Mobile Cloud Computing for Medical Applications", 11th IEEE India Conference - **INDICON, Pune**, ISBN : 978-1-4799-5362-2, pp. 1-6, December 11-13, 2014. **(Received Best Paper Award)**
- Vishwa Kiran S, Ramesh Prasad, Thriveni J, Venugopal K R and L M Patnaik, "Cloud Enabled 3D Tablet Design for Medical Applications", 9th IEEE International Conference on Industrial and Information Systems, **Gwalior**, ISBN : 978-1-4799-6499-4, pp. 1-6 December 15-17, 2014
- Vishwa Kiran S, Thriveni J, Venugopal K R and Raghuram, "Efficient Stereoscopic 3D Video Transmission over Multiple Network Paths", International Conference on Advances Computational Intelligence in Communication, **CIC2016, PEC, Puducherry**, India, October 19-20, 2016

Details of Training/Workshop/Seminar delivered at various colleges across India

SL. No	Subject	Duration (Days)	Date	Venue	Role
1	Linux Programming	5	15/7/2019 to 19/7/2019	BMSCE, Bengaluru	Trainer
2	Internet of things and Big Data	3	28/2/2019 to 2/03/2019	University Visvesvaray College of Engineering, Bangalore University	Trainer
3	Internet of Things	2	10th and 11th Jan 2019	SJBIT, Bangalore	Trainer
4	Getting Started with Android Application Development	3	19 to 21st July 2018	SirMVIT, Bengaluru, Karnataka India.	Trainer
5	Android Application Development	5	18th to 24th Dec 2017	PSG Institute of Technology, Coimbatore, Tamilnadu,	Trainer
6	Mobile Application Development	3	4th to 6th Nov 2017	BNMIT, Banashankari, Bengluru	Trainer
7	Internet of Things	1	4th April,	Vijaya Vittala Institute of Technology, Bengaluru	Keynote Speaker
8	Android Application Development	3	April 2017	Sri Pillappa College of Engineering, Bengaluru	Trainer
9	Getting Started With Android Application	2	14th & 15th March 2017	BMS College of Engineering, Basavanagudi, Bengaluru	Trainer
10	Object Oriented Programming	3	March 2017	SKIT, Bengaluru	Trainer
11	Building Embedded Linux System	3	16th to 18 Sept 2017	RLJIT, Doddaballapur	Trainer
12	Internet of Things	5		BMSIT, Bengaluru	Trainer
13	Android App Development	2	17th & 18th April 2015	RNSIT, Bengaluru	Trainer
14	Embedded Android on Beaglebone Black	1	12th Jan 2015	Texas Instruments, Bengaluru	Trainer

15	Android App Development	2	April 2014	RNSIT, Bengaluru	Trainer
16	Embedded Linux	1	20th December 2013	Amrita University, Coimbatore	Trainer
17	Embedded Android	1	19th December 2013	Sri Eashwar College of Engineering, Coimbatore	Trainer
18	Embedded Android	3	21st to 22 November 2013	University Visvesvaraya College of Engineering, Bengaluru	Trainer
19	Embedded Android on Beagleboard	20	12th July to 2nd August 2013	Cambridge Institute of Technology, Bengaluru	Trainer
20	Embedded Android on Beagleboard	6	3rd June to 8th June 2013	Padre Conceicao College of Engineering, Verna, Goa	Trainer
21	Mobile Application Development Training	1	4th April 2013	Ambedkar Institute of Technology, Bengaluru	Keynote Speaker
22	Android Application Development	2	4th to 5th December 2012	Cambridge Institute of Technology, Bengaluru	Trainer
23	Embedded Linux on Beagleboard	3	6th to 13 June 2012	Cambridge Institute of Technology, Bengaluru	Trainer
24	C, C++, Android	10	7th to 1th January 2013	Sridevi Institute of Technology, Tumkur	Trainer
25	Tablet Programming Android Platform	2	16th to 17th March 2012	Cambridge Institute of Technology, Bengaluru	Trainer

Achievements:

Received **Best paper** award at IEEE INDICON2014.

Developed Master Degree course content in consultation with **Dr. Richard Mathew Stallman**, the father of Open Source.

Received appreciation from the Director of Texas Instruments for conducting "Four Day Modular Workshop: Embedded Android using Beagleboard" **first time in India**.

Successfully conducted 6 days modular workshop in association with Texas Instruments and Rose-Hulman Institute of Technology, USA

Successfully trained professionals of **Hitachi Storage Group Technologies Ltd, Japan** at **Fujisawa, Kanagawa, Japan** on **Advanced C++**. The professionals who attended the training had 10 to 20 years of experience in firmware development. (April 2019 and October 2020)

Employment History

BMS Institute of Technology, India (www.pushkala.in)

(August 2018 – Till Date)

Established in 2002, BMS Institute of Technology and Management traces its roots to BMSET, the same trust that set up the first private technical institute, BMS College of Engineering. BMSIT&M is governed by BMS educational trust founded by Sri B M Sreenivasaiah and his illustrious son, Sri B S Narayan.

Role: Assistant Professor

Key Areas: Teaching UG and PG students, Corporate Training, Industry Institute Interaction, MoU

Activities, Course Content Development

Responsibilities:

Handled corporate training for companies HGST - Japan, CISCO, L&T and Volvo

Aprameyah Technologies Pvt Ltd, India (www.pushkala.in)

(April 2008 – Till Date)

Aprameyah Technologies provides training and development offerings in Technologies, Leadership, Communicatoin and Beghaveiour, ATPL have been partnering clients for over 15 years with a conviction "partnering" is about nurturing an enduring relationship that is based on trust, performance and staying true to words.

Role: Consultant

Key Areas: Corporate Training

Responsibilities:

Handled corporate training for companies like Nokia, NSN, HCL, Samsung, L&T, Sasken, Siemens

University Visvesvaraya College of Engineering, India (www.uvcebangaore.org)

(Nov 2013 to October 2016)

UVCE was established in the year 1917, under the name, Government Engineering college by BharatRatna Sir M Visvesvaraya, and was affiliated to University of Mysore. It is the 5th Engineering College to be established in the country.after the formation of Bangalore University in 1964, UVCE became one of the constituent college of Bangalore University.

Role: Full Time Research Scholar

Guide: Dr. Thriveni J

Key Areas: Research

Responsibilites:

Completed three years of research as a full time Research Scholar in the department of Computer Science and Engineering.

Cambridge Institute of Technology (www.citech.edu.in)

(February 2010 – August 2013)

Cambridge Institute of Technology (CiTech), is in the forefront among providers of quality education in the State of Karnataka. Ideally located on a verdant ten acres overlooking Krishnarajapuram, and 200 mts off old Madras Road, the college is accessible to all the important areas of Bangalore. The International Technology Park and Bio-Tech park from esteemed neighbors to the Picturesque Campus forms the natural choice for students pursuing knowledge in an environment conducive to both their internal as well as external harmony and growth.

Role: Assistant Professor

Key Areas: Teaching, Project Development

Responsibilities:

Teaching for UG and PG students, Project Co-Oridinator

T. JOHN Institute of Technology (www.tjohncollege.com)

(July 2009 – Dec 2009)

The aim of TJIT is to impart science-based engineering education to develop professional skills that will prepare the students for immediate employment and provide them with a solid foundation for further education. To provide state-of-the art infrastructure for students to develop their skills To develop an understanding among students of the human, social and business context in which they will utilize their engineering skills

Role: Assistant Professor

Key Areas: Teaching, Project Development

Responsibilities:

Teaching for UG and PG students, Project Co-Ordinator

Pushkala Technologies Pvt Ltd, India (www.pushkala.in)

(April 2008 – July 2013)

Pushkala Technologies is a dynamic company involved in the development of end to end solutions in various Embedded domain. Pushkala is continuously striving to productize ideas using world-class manufacturing techniques through their partners and associates.

Role: Consultant**Key Areas: Corporate Training****Responsibilities:**

Handled corporate training for companies like Texas Instruments, Optis.

WaveaxisTechnologies Pvt Ltd, India (www.waveaxis.com)

(April 2005 – March 2008)

Waveaxis Technologies Pvt Ltd covers vast industries like automotive electronics, consumer electronics, telecommunication, medical electronics, industrial appliances and internet application.

Role: Team Lead**Key Areas: Corporate Training and Development****Responsibilities:**

Handled corporate training for companies like Wipro, Philips, HP, Texas Instruments and also was involved in the development of embedded applications.

Mistral Solutions Pvt Ltd, India (www.mistralsolutions.com)

(Sept 2004 – March 2005)

Mistral is an ISO 9001:2000 certified and CMMi Level 3 appraised, Premier Product Realization Company, provides end-to-end services for product design and development in the embedded space

Role: Executive - Technical**Key Areas: Providing training for engineering graduates****Responsibilities:**

Handled training for fresh graduates on embedded domain.

IT Gateway System, India

(Nov 1999 – Sept 2002)

IT Gateway system was a startup company which was working on web application, testing and training.

Role: Software Engineer**Key Areas: Involved in design, coding, testing and training****Responsibilities:**

Involved in the various stages of product development like design, coding and testing. Also provided training for fresh engineers.