

<b>Faculty Name</b>	<b>Prof. Raghavendra Katagall</b>	
<b>Department</b>	<b>Computer Science Engineering</b>	
<b>Qualification</b>	<b>B.E, M.Tech (Ph.D), LMISTE</b>	
<b>Experience in Years</b>	<b>5.3</b>	
<b>E-mail Id</b>	<b>rkk4691@gmail.com</b>	
<b>Contact Number</b>	<b>+91 - 9742338811</b>	

Registered for Ph.D in the year 2016 under the guidance of Dr. S. A. Angadi (Professor, VTU Belagavi), at VTU RRC, Belagavi . Completed course work in June 2018. Completed Comprehensive Viva Voce in October 2019 and planning to complete Ph.D degree by 2021.

#### **INTERESTED AREAS**

- Operating system
- Web programming
- Mobile Computing
- Unix Shell Programming
- Data Base Management System
- Compiler Design
- Cryptography

#### **Projects Handled and Guided**

- 1) **Title: “A Mobile phone based system for control and monitoring of home appliances“**  
**Language:** Java and Android  
**Technology:** IoT  
**Role:** Involved in Designing, coding, and test plan preparation..
- 2) **Title: “An Adaptive framework for online question paper design and management in e-learning systems”**  
**Technology:** Online learning system  
**Role:** Implementation of e-learning modules in PHP and MySQL
- 3) **Title: “Developing a Human Centric Smart Agriculture System using IoT”**  
**Technology:** Internet of Things  
**Role:** Guided the project
- 4) **Title: “Smart Healthcare system using Raspberry Pi”**  
**Technology:** Internet of Things  
**Role:** Guided the project
- 5) **Title: “Farmer Crisis Analysis Tools”**  
**Technology:** Data Analysis  
**Role:** Guided the project

## **Paper published**

1. Published paper in International Journal-“Science Direct” on Concept mapping technology titled ” Concept Mapping in Education and Semantic Knowledge Representation: an Illustrative Survey”.
2. Published paper in International journal - “IJSRD” on Big Data and Hadoop concept titled,” Qualitative Evaluation of Resumes with integrated personal evaluation from Facebook Interactions”.
3. Published paper in International Conference TRENDS-2017 with title, “Design and Implementation of an elastic key value store over log structured local volumes“.
4. Published paper in International Journal, IJSRD, with title, “An IoT Based Smart Healthcare System Using Raspberry Pi“, in July 2018.
5. Published paper in IEEE conference, ICETES-2018, with title, “A Vision IoT Framework for Smart Agriculture to detect motion and Malicious Activities in Farm“, in September 2018
6. Published paper in International Journal of Scientific and Technology Research, with title “AgriVigilance: A Security system for Intrusion detection in Agriculture using Raspberry Pi and OpenCV”, in December 2019 and is indexed in **Scopus**.