


## FACULTY PROFILE

<b>Name of the Faculty</b>	<b>KUSUMA S</b>	
<b>Department</b>	INFORMATION SCIENCE	
<b>Qualification</b>	B.E (ISE), M.Tech (CSE), [Ph.D]	
<b>Designation</b>	ASSISTANT PROFESSOR	
<b>Date of Joining Institution</b>	01 – August– 2011	
<b>Association with the Institution</b> (Regular / Visiting / Adjunct / Contract)	Regular	
<b>email – id</b>	kusumasriram@gmail.com kusuma.s@rnsit.ac.in	
<b>Phone / Mobile Number(s)</b>	9880157183	
<b>Experience in years</b>	15.6 Years. – Teaching	

### Educational Qualifications

<b>Degree</b>	<b>Branch</b>	<b>Institution</b>	<b>Percentage with Class Obtained</b>	<b>Month / Year of Passing</b>	<b>University</b>
<b>UG: B.E</b>	<b>Information Science and Engineering</b>	Information Science and Engineering	72.0 FC	June 2004	VTU, Belagavi
<b>PG: M.Tech</b>	<b>Computer Science Engineering</b>	R.V College of Engineering(an VTU Extension center) engaluru	7.41(CGPA)	Feb – 2010	VTU, Belagavi
<b>Ph.D: Pursuing</b>	<b>Computer Science</b>	Research Center, RNSIT, Bengaluru	Registered in 2019	-	VTU, Belagavi

### Details of Work Experience(s)

<b>Sl. No.</b>	<b>Designation</b>	<b>Organization</b>	<b>Duration</b>
1	Assistant Professor	RNS Institute of Technology, Bengaluru	1 <sup>st</sup> Aug 2011 – till date
2	Lecturer	SJB Institute of Technology, Bengaluru,	11 <sup>th</sup> Aug 2005 – 27 <sup>th</sup> Jul 2011
3	Lecturer	Siddaganga Institute of Technology, Bengaluru,	10 <sup>th</sup> March 2005 – 9 <sup>th</sup> July 2005
4	Lecturer	HMS Institute of Technology, Bengaluru	12 <sup>th</sup> -Aug 2004 to 25 <sup>th</sup> -Feb-2005

## Subjects taught

- Data Structures with C
- Design and Analysis of Algorithms
- Operating Systems
- Information Systems
- UNIX
- Data Structures and applications
- Principles of User Interface Design
- UNIX System Programming.
- Computer Organization
- Management and Entrepreneurship
- Network Management
- Optical Networks
- Management Information Systems
- Python Application Programming
- Database Management Systems

## Academic Roles and Responsibilities

1. Worked as a team member in cultural committee for 9th VTU athletic meet held at SJBIT during Nov 14, 2006 TO 17TH Nov 2006.
2. Worked as Event Handler for inter collegiate technical fest: “ELYSIA” Held at SJBIT on April 09th 2008.
3. Coordinated 5th semester students to attend “TECH PATASHALA” at EMC Corporation on 30th November 2008.
4. Organizing committee member for International Conference on Data Engineering and Communication Systems (ICDECS – 1) jointly organized by the Departments of CSE and ISE at VIVANTA by TAJ, Bangalore, during Dec 30, 31 2011.
5. Worked as Convener for PROP-2013 held at RNSIT organized by CSE and ISE, During May-2013.
6. Worked as coordinator for ITYUKTHA-2013 Organized by Dept of ISE, RNSIT on 24/4/2013.
7. Taught subject JAVA and OOPS for INFOSYS “Campus Connect’ program held at RNSIT during Jan-2014.
8. Organizing committee member for International Conference on Data Engineering and Communication Systems (ICDECS – 2)) jointly organized by the Departments of CSE and ISE during Dec 28, 29 2015 at RNSIT, Bengaluru.
9. Worked as member of correspondence for DAD-2017 FDP.
10. National Board of Accreditation (NBA) coordinator at RNSIT during Even semester of 2018.
11. Worked as criteria coordinator for NBA work in RNSIT during Nov-2018.
12. Cultural Activity Team Committee Member – Department level since 2018.
13. Session speaker at FDP on Python Application Programming held at RNSIT with the collaboration of CSI on the topic SQLITE3 during 29<sup>th</sup> jan-2019

14. Organizing committee member for International Conference on Data Engineering and Communication Systems (ICDECS – 3)) jointly organized by the Departments of CSE and ISE at RNSIT, Bengaluru, during Dec 28, 29 2019.
15. B.E Project Coordinator – Scrutiny, monitoring and coordination of UG Student projects on regular basis for Quality Work of their thesis from 2016 to till date.
16. Mentor for students (currently 24 students).
17. Class Teacher since 2015.
18. Mentor for Texas Instruments India Innovation Challenge Design contest 2019 guiding one student batch who represent Dept. of ISE, RNSIT.

### **Research Work Details Publication(s) (National/International Journals)**

1. Kusuma S and Dr. M V Sudhamani,” *Object Detection Techniques in Videos*”, **International Journal of Innovative Technology and Exploring Engineering (IJITEE)**, ISSN: 2278-3075, Volume-9 Issue-2S, December 2019.

### **Paper(s) Presented (National/International Conferences)**

1. Presented paper on “An improvement of parametric multilevel scheduler for performance up gradation in real time applications” on 19th may 2011 in FCS-11 National Conference held at DBIT. Won Best paper Award.
2. Presented paper on “Implementation of ESP protocol in transport and tunnel mode” on 4th April-2009 in the second National Conference held at SJBIT.
3. Presented paper on “Implementation of Parametric multilevel feedback queue for real time scheduler” in CCT-2010 held at RVCE during 22nd and 23rd jan-2010
4. Presented paper on “Privacy preserving access and load balancing” at 3<sup>rd</sup> National conference on Advancements in InformationTechnology-NCAIT-17 organized by the Dept. of ISE, JSSATE, Bengaluru during My 19<sup>th</sup> and 20<sup>th</sup>, 2017.

### **Workshops/ Seminars / FDPs/Training Programmes**

1. Attended 15days AICTE sponsored Workshop on ADVANCED COMMUNICATION TECHNOLOGIES at RNSIT during July-15 to 27, 2013.
2. Two days Faculty Development Programme on *System Software & Operating System Lab* at RNSIT held during 30<sup>th</sup> & 31<sup>st</sup>, July 2012.
3. Two days Faculty Development Programme on *Software Testing Lab* at RNSIT held during 21<sup>st</sup>& 22<sup>nd</sup>, Jan 2013.
4. Two days Faculty Development Programme on *Programming in C and Data Structures* at RNSIT held during 24<sup>th</sup>& 25<sup>th</sup>, July 2014.
5. Attended 5 days Workshop on Network Management Held at SJBIT from 31/1/2015.
6. Attended 3-Day in house Faculty Development programme on “Fundamentals and Advanced concepts of UNIX OS” Jointly organized by CSE, ISE and MCA departments during July 20-22,2016.
7. One day FDP on *OOP with Java* organized by Department of CSE & ISE, RNSIT on 31<sup>st</sup> January 2017.
8. Two day FDP on *Database Application Development* organized by Departments of ISE & CSE, RNSIT during 2<sup>nd</sup> – 3<sup>rd</sup> August 2017.
9. Attended Workshop on DAA on Jan 30-31st-2017. Involved as one session speaker also.

10. Attended 2 Day Faculty Development Programme on *Database Application Development DAD-2017* held during August 02-03 2017 at RNSIT.
11. Two days FDP on *Web Technology and its Applications* organized by Departments of ISE & CSE, RNSIT during 23<sup>rd</sup>& 24<sup>st</sup> July 2018.
12. Attended Workshop on *Python Application Programming* during 22<sup>nd</sup> to 24<sup>th</sup> held at SJBIT, January 2018.
13. Three days FDP on *Machine Learning* organized by Departments of CSE & ISE, RNSIT during 19<sup>th</sup> – 21<sup>st</sup> July 2018.
14. Attended Faculty Readiness Workshop on “*InfyTQ based Foundation Program*” conducted by Infosys Ltd. At Global Academy of Technology, Bangalore from 22<sup>nd</sup>-July-26<sup>th</sup> July 2019, and awarded with A Grade.
15. Attended one day FDP on *cognitive Analytics-Future of Knowing with IBM* on 27<sup>th</sup> June-2019.
16. Attended One week Faculty development programme on *Artificial Intelligence and Deep Learning*, organized by E&ICT Academy, IIT, Guwahati during 27-31 Jan-2020.
17. Participated in 3 day Webinar on “Automated Testing in Software Development Process” organized by Gurunanak Dev Engineering college, Dept. of Computer Science and Engineering in association with Alumni Relation Cell, Bidar, on 16<sup>th</sup>, 23<sup>rd</sup> and 24<sup>th</sup> May-2020.

## Personal Details

**Date of Birth** : 12 – 10 – 1982  
**Gender** : Female  
**Marital Status** : Married  
**Address** : #12, “P S Nilaya”, 5<sup>th</sup> Cross,  
Saraswathipuram, Nandini Layout,  
Bengaluru – 560 096  
**Languages Known** : Kannada, English, Telugu, Hindi

**Date:**

**Signature**