

**S.V.Saboji**  
Assistant Professor  
P.G. (CSE) Department  
Basaveshwar Engineering College  
Bagalkot-587104

**Shivakumar**

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### **Professional Objectives:**

To pursue challenging works in the area of communication networks and enhance research activities of institution.

### **Qualification:**

1. Registered to PhD degree in Computer Science and Engineering under Veshveshwarya Technical University, Belgaum on 1-11-2007
2. **M.Tech.** (Computer Science and Engineering):  
College: Basaveshwar Engineering College (BEC), Bagalkot - 587104  
University: Veshveshwarya Technological University (VTU), Belgaum India  
Result: First Class.  
Thesis: Prediction Handover for Multiclass Traffic in Wireless Mobile Network.
3. **BE** (Computer Science and Engineering) :  
College: B.L.D.E.A's College Of Engineering And Technology, Bijapur-586102  
University: Karnataka University Dharwad.  
Result: First Class with Distinction.  
Project: Design of Internet Protocol (IP) Router.
4. PUC Result: First Class with Distinction.
5. SSLC Result: First Class with Distinction.

### **Experience :**

Taken role as Lecturer/Assistant professor in the following institutes.

#### *Engineering Colleges:*

1. Basaveshwar Engineering College, Bagalkot in the year 2005 to till date.  
P.G. (M.tech.)
2. Tontadarya College Of Engineering, Gadag in the year 1999 – 2000.

#### *P.G (M.Sc.) Colleges:*

3. Basaveshwar Science College, Bagalkot in the year 2000 – 2005.

#### *PGDCA Colleges:*

4. Tontadarya College Of Engineering, Gadag in the year 1999 – 2000.

#### *B.C.A. and B.Sc. Degree Colleges(Guest Lecturer ):*

5. Basaveshwar Science College, Bagalkot in the year 2000 – 2005.

#### *Diploma Colleges:*

6. Government Diploma College, Bijapur in the year 1998 – 1999.

7. Secab Diploma College, Bijapur in the year 1997 – 1998.

### **Role in Universities :**

1. VTU Belgaum  
Examiner for BE Course in year 1999 – 2000 and 2005 – Till date  
Paper Setter for M.Tech. Examination in year 2006-07
2. KUD Dharwad  
Examiner for B.C.A. and B.Sc in year 2000 – 2005  
Paper Setter for degree course in year 2000 - 2005.
3. IGNOU Delhi  
Examiner for B.C.A in year 2000 - 2005
4. Technical Board , Bangalore  
Examiner for Diploma course in year 1998 - 1999

### **Articles Published:**

- S.V. Saboji, C.B.Akki “Agent Based Bandwidth Estimation In Heterogeneous Wireless Networks” Proc. of Int. Conf. on Advances in Recent Technologies in Communication and Computing 2011, 14<sup>th</sup> – 15<sup>th</sup> Sep 2011, Bangalore, India, Organized by ACEEE.
- S.V. Saboji, C.B.Akki “Available Bandwidth Estimation in 4G Wireless Networks Using Mobile Agents” International Journal of Research and Reviews in Information Sciences (IJRRIS), Vol. 1, No. 2, June 2011, pp 51-56.
- S.V.Saboji, C. B. Akki “Vertical Handoff with Resource Allocation Using Non-cooperative Game Theory”, International Journal Of Telecommunications Management, Vol3. No 3, Oct 2010, pp 290-299.
- S.V.Saboji, C. B. Akki “A Client based Vertical Handoff System in 4G Wireless Networks”, International Journal Of Advances In Information Technology, Vol. 1, No 4, Nov 2010, pp 197-203.
- S.V.Saboji, C. B. Hebhi “Vertical Handoff in Heterogeneous Wireless Mobile Networks”, First International Conference on Networks and Communication held on 27<sup>th</sup>-29<sup>th</sup> Dec 2009, at Le Royal Meridien, Chennai, India.
- S.V.Saboji “Security Conscious Web Services Composition with Semantic Web Support”, National Conference on Futuristic Computer Applications held on 22<sup>nd</sup>-24<sup>th</sup> Dec 2009, at Institute of Information Technology, Pune, India.
- S.V.Saboji, Dr. C. B. Akki “A review of vertical handoff in 4G wireless Networks” , National Conference on Computer Networks held on 20<sup>th</sup>-21<sup>st</sup> Feb 2009, at Reva ITM , Bangalore.
- S.V.Saboji, Dr. C.B.Akki “A Survey on 4G A survey of fourth generation (4G) wireless network models” Henry Stewart Publications, Journal of Telecommunications Management Vol 2, No 1, Oct 2008.

- S.V.Saboji, Dr. S. S. Manvi, M. N. Birje “Prediction Based Handover For Multiclass Traffic In Wireless Mobile Network: An Agent based Approach” Sixth International Conference on Information, Communications and Signal Processing (ICICS 2007) held at 10-13 December, 2007 in Singapore.
- S. V. Saboji, Dr. S.S.Manvi, M.S.Kakksageri “QoS based Prediction Handover For Multiclass Traffic In Wireless Mobile Network” , Proceedings of International Conference on Wireless communication Networks organized by World Congress on Science and Technology(WORLDCOMP’07) June 17, **2007** at **Los Vegas USA.**
- S. V. Saboji , Dr. S.S.Manvi, “Prediction Handover For Multiclass Traffic In Wireless Mobile Network” International conf. Resource Utilization and Intelligent Systems 4th –6th Jan 2006, Perundurai Erode Tamilnadu INDIA

### **Expertise Subjects:**

System programming ,	Computer Networks,
TCP/IP Networking,	Operating System Design,
Software Engineering,	Data structures,
C++ Programming,	Java and CGI Programming

### **Conferences Attended:**

1. International Conference on Wireless communication Networks organized by World Congress on Science and Technology (WORLDCOMP’07), 25<sup>th</sup> –28<sup>th</sup> Jun 2007, Las Vegas, Nevada, **USA.**
2. International conference on “Resource Utilization and Intelligent Systems”, 4<sup>th</sup> – 6<sup>th</sup> Jan 2006, Perundurai Erode Tamilnadu INDIA.
3. National Conference on “IT workforce Development” 19<sup>th</sup> – 20<sup>th</sup> Sep 2006, BMS College of Engineering Bangalore.
4. National Conference on “Mathematical Methods and Applications” 17<sup>th</sup> and 18<sup>th</sup> March 2007, Basaveshwar Engineering College Bagalkot.

### **Workshop and Seminars Attended:**

- i. Five days (2<sup>nd</sup> to 6<sup>th</sup> Aug 2010) workshop on “High Impact Teaching Skills” organized by Wipro Tech. Bangalore under Mission10X programme.
- ii. Two days (25<sup>th</sup>, 26<sup>th</sup> May 2009) workshop on “Research Methodologies” organized by VTU Belgaum.
- iii. Two days (26<sup>th</sup>, 27<sup>th</sup> October 2007) National seminar on “Recent Trends in Information Technology” held at B L D E A’s College & Tech. Bijapur.
- iv. Two days(15<sup>th</sup> –16<sup>th</sup> Dec 2006) workshop on “ARM Technology- Train the Trainers” at BVB College &Tech. Hubli.
- v. One week (5<sup>th</sup> – 10<sup>th</sup> Feb 2007) Faculty Development Programme on “Embedded Systems” organized under TEQIP at BEC Bagalkot.
- vi. Two day (30<sup>th</sup> – 31<sup>st</sup> Oct 2006) Training programme on “Embedded Systems” organized by Engineering Staff College of India at Hyderabad.
- vii. One week (1<sup>st</sup> – 6<sup>th</sup> June 2006) Faculty Development programme on “C# & .NET” organized under TEQIP at BEC Bagalkot.
- viii. One week (21<sup>st</sup> – 26<sup>th</sup> 2006) TEQIP sponsored Short Term Training on “Internet Protocols” at BEC Bagalkot.

- ix. One day (25<sup>th</sup> Aug 2006) workshop on “Counseling Technique” organized under TEQIP at BEC Bagalkot.
- x. One week (3<sup>rd</sup> – 8<sup>th</sup> April 2006) Short-term training programme on “Applied Mathematics” Organized under TEQIP at BEC Bagalkot.
- xi. Three days (24<sup>th</sup> – 26<sup>th</sup> Sep 2005) workshop on “Web Design and CGI Programming” organized under TEQIP at PDACE, Gulbarga.
- xii. One week (9<sup>th</sup> – 14<sup>th</sup> Jan 2006) workshop on “Mathematical Modeling for Digital Image Processing” organized under TEQIP at BEC, Bagalkot
- xiii. Three days (15<sup>th</sup> – 16<sup>th</sup> Mar 2005) AICTE-CSIR sponsored National level seminar on “Recent Trends in Computer Communications and Networks” at BEC, Bagalkot.
- xiv. One week intensive training on “**Project Management With Latest Trends**” Conducted by DCF software (P) Ltd Bangalore.
- xv. One day workshop on TQM in Education System conducted by DTE. Bagalkot.

### **Establishment and Developments:**

- Departmental library in Basaveshwar Engineering College, Bagalkot
- Library for B.C.A and M.Sc course in Basaveshwar Science College, Bagalkot.
- Taken development role in M.Sc. and B.C.A course in Basaveshwar Science College, Bagalkot.
- Computerized the Library of M.Sc and B.C.A , B.Sc course in Basaveshwar Science College, Bagalkot.

### **Extra Curricular Activity:**

1. Resource person to HRD programme for BE students on 23-24<sup>th</sup> Oct 2010 at Basaveshwar Engg. College, Bagalkot.
2. Deputy Chief superintendent(External) for conduct of VTU UG exam June 2010 at B.L.D.E.As Engg College, Bijapur
3. Focus coordinator during 2008-2009, 2009-2010 at CSE Department BEC Bagalkot.
4. Resource person to workshop on “Website design and Hosting” during 29<sup>th</sup> to 4<sup>th</sup> Sept 2008 at BEC Bagalkot
5. **Coordinator** to Faculty Development Programme (26<sup>th</sup> – 31<sup>st</sup> March 2007) on “Real Time Operating Systems” organized under TEQIP at BEC Bagalkot.
6. Resource Person to workshop (21<sup>st</sup>–26<sup>th</sup> Aug 2006) on “Internet Protocols” at BEC Bagalkot.
7. Resource Person to training programme on “Internet and Web Design” at BEC Bagalkot.
8. Resource Person to training programme(19<sup>th</sup> – 29<sup>th</sup> Sep 2006) on “Pointers and Data Structures in C” at BEC Bagalkot.
9. Taken M.Sc and B.C.A team to IT.COM at Bangalore.
10. Taken B.C.A team to Kshema technology Bangalore.

11. Coordinator to workshop on Personality Development organized for B.C.A,  
BE , M.Sc students.

**Personal Details:**

DOB : 22 July 1975  
Hobbies : Reading Books  
Languages Known : English , Kannada , Hindi  
Permanent Address :

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**( Shivakumar.V. Saboji )**