Name	:	**Dr. S. V. Saboji**

Designation	:	Professor
Department	:	Computer Science and Engineering
Employee ID	:	TCSE001
E mail ID	:	svbcs@becbgk.edu
(College official ID), (Personal mail ID)		sabojishivakumar@gmail.com

Contact details	:	Dr. S. V. Saboji
		Department of Computer Science and Engineering
		Basaveshwar Engineering College
		Bagalkot-587104
Orcid ID	:	0000-0003-3935-7026
Scopus ID	:	24734465700
Vidwan Id	:	124971
Researcher ID (Web of Science)	:	GNM-7732-2022
Google Scholar ID	:	shivakumar saboji - Google Scholar

Qualification	:	BE, M.Tech., PhD
Professional Experience		24
Teaching experience	:	24
Industry experience	:	-
Administrative Responsibilities	:	

1. Chief Coordinator Valuation center of BEC Bagalkot, 2016-18, 2021- till date.

2. Scrutiny Committee member for Verification of documents for Added teaching staff for approval of AGP and promotion.

3. Head of Department of Computer Science and

Engineering of Basaveshwar Engineering College Bagalkot, from 12-12-2018 to 18-12-2020.

4. LIC committee member of Visvesvaraya Technological University Belagavi for academic year 2019-2020.

5. Committee Member for Industry Academia Conclave "Building Strategic Alliance with the corporate World" on 13th Mar 2016 Bangalore.

6. Coordinator to PG-NBA(2015) document preparation in Basaveshwar Engineering college, Bagalkot.

7. Judge for technical paper presentation in "PLEIADES 2014" on 3rd April 2014, BVB College of Engineering and Technology, Hubli.

8. Judge for technical paper presentation in "PRAXIS 2014" on 27th March 2014, KLE College of Engineering and Technology, Chikodi.

9. Established "Mobile Computing Lab" under TEQIP II phase in Basaveshwar Engineering College, Bagalkot in 2014.

10. Focus coordinator during 2008-2009, 2009-2010 at CSE Department BEC Bagalkot.

11. Involved in Report preparation for permanent affiliation of department in Basaveshwar Engineering College, Bagalkot, 2014.

12. Departmental library in Basaveshwar Engineering College, Bagalkot, 2008

13. Computerized the Library of M.Sc and B.C.A , B.Sc course in Basaveshwar Science College, Bagalkot, 2002.

14. Taken development role in M.Sc. and B.C.A course in Basaveshwar Science College, Bagalkot, 2003.

Teaching	:	BlockChain Technologies
		Web Technologies,
		AdHoc wireless Networks,
		Storage Area Networks,
		Computer Graphics and Visualization,
		Advanced Computer Networks
		Wireless and Mobile Networks

No. of Projects Guided

UG	:	24
PG	:	15

Research

Interest Area	:	*Mobile Computing,*
		Wireless Mobile Networks,
		Storage Area Networks

No. of Research Scholars		3
Pursuing	:	3
Awarded	:	-
Patents	:	-
Research Grants	:	**2**
Member to Professional-group		IEEE member and membership Number: 95375321

Publications Books/Chapters	:	1. Shivanand V. Manjaragi, S. V. Saboji **"**User Credibility-Based Trust Model for 5G Wireless Networks", Book Title: Intelligent Communication Technologies and Virtual Mobile Networks, Springer April 2022 , DOI: 10.1007/978-981-19-1844-5_23, (Under Process)

Journals	:	

1. Subramanya V. Odeyar; S.V.Saboji "Block Chain Based Access Control Mechanism Healthcare System on Cloud", International Journal of Creative Research Thoughts(IJCRT), Volume 10, Issue 7 July 2022, pp 354-358, www.ijcrt.org ISSN: 2320-2882.

2. Subramanya V. Odeyar; S.V.Saboji. "In the Cloud, a Review of the Access Control Framework with Privacy Protection (Supported by 5G Networks) using Blockchain." Volume. 7 Issue. 4, April - 2022 , International Journal of Innovative Science and Research Technology (IJISRT), www.ijisrt.com. ISSN - 2456-2165, PP :- 1093-1098. https://doi.org/10.5281/zenodo.6558778. Article Digital number: IJISRT22APR1353.

3. Aksta Hiremath, S. V. Saboji "Establishing Trust Worthy Reliable Path in Mobile Adhoc Network using Mobile Agent" International Journal of Research and Analytical Reviews (IJRAR),vol. 6, issue 2,PP 256-264, June 2019, **E-ISSN 2348-1269, P- ISSN 2349-5138, UGC journal**

NO:43602.

4. S. S. Rathod, S. V. Saboji "Location Based Opportunistic Routing in Wireless Sensor Network" International Journal of Research and Analytical Reviews (IJRAR),vol. 6, issue 2,PP 256-264, June 2019, **E-ISSN 2348-1269, P-ISSN 2349-5138, UGC journal NO:43602.**

5. Veeresh Kadlimatti, S. V. Saboji "Agriculture Price Prediction Using Data Mining"

    International Journal of Engineering and Advanced Technology (IJEAT),vol. 8, issue 6,PP 1075-1077, June 2019, **ISSN** 2249 –8958**,** Retrieval Number: F12050886S19/19©BEIESP , DOI:10.35940/ijeat.F1205.0886S19 Blue Eyes Intelligence Engineering & Sciences Publication

6. S V Manjaragi ,S. V. Saboji, S. G. Bevinakoppa "Survey of Security Models in Heterogeneous Wireless Networks" IRACST – International Journal of Computer Networks and Wireless Communications (IJCNWC), ISSN: 2250 – 3501,Vol. 8, No. 5, Sep-Oct, 2018, pp 1-9, UGC Journal No: 63076.

7. Binod Kumar Ranabhat, S.V. Saboji, Savitri Bevinakoppa, C. B. Akki, "Performance Analysis of WiMAX with MIMO antenna" WSEAS Transactions on Recent Advances in Recent Advances in Electrical Engineering and Computer Science Dec 2015. ISSN: 1790-5117 ISBN: 978-1-61804-340-5, pp 48-54. Vol. 54.

8. Poornima Byahatti, S.V. Saboji "Review of Security in VANET" International Conference on "Internet of Things" International Journal of Engineering Research and Technology, August 18-19, 2016, Bangalore, ISSN: 2278-0181, PP 116-121.

    S.V. Saboji, Savitri Bevinakoppa, C.B.Akki "Agent Based Vertical Handoff Decision Algorithm for 4G Wireless Networks" Accepted to Recent Advances in Communication and Network Technology, Bentham Science publisher, Volume 3, Number 2, 2014, ISSN: 2211-7407, Pp. 117-126.

    Available at http://benthamscience.com/journal/index.php?journalID= racnt#top, on 13-6-2015

9. S.V.Saboji, Jagadanna Karamunge "Survey on Dynamic Source Routing, Attacks and counter Measures in Wireless Sensor Network" International Journal of Research in Engineering and Technology,Vol. 3, Issue 3, 2014, e-ISSN:2319-1163,p-ISSN:2321-7308.(impact factor: 3.499)

10. S.V. Saboji, C.B.Akki "Congestion Control in 4G Wireless Networks Using Coalition Game" International Journal Computer Network and Information Security, Jun 2012, 5, pp 39-45. (http://recentscience.org/computer-science/) vol 4, Issue 5, ISSN:20749090

11. S.V. Saboji, C.B.Akki "Congestion-aware Proactive Vertical Handoff Decision Using Coalition Game" Accepted for publication in International Journal of Soft Computing and Engineering (IJSCE), Volume-1, Issue-6, January 2011, pp 91-97, ISSN:2231-2307.(impact factor: 1.177)

12. 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, ISSN:2046-6439.(impact factor: 0.133).

13. 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, ISSN:1662-1754.

14. 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, ISSN: 1798-2340.

15. S.V.Saboji, Dr. C.B.Akki "A Survey on 4G A survey of fourth generation (4G) wireless network models" Henary Stewart Publicaions, Journal of Telecommunications Management Vol 2, No 1, Oct 2008, pp 77-91, ISSN:1662-1754.

Conferences :

1. S V Manjaragi , S. V. Saboji "User Credibility Based Trust Model for 5G Wireless Networks" 4th International conference on Intelligent

communication Technologies and Virtual Mobile Networks (ICICV 2022), pp 303-318, 10th -11th Jan 2022, Tirunelveli , India. Springer conference.

2. Aksta Hiremath, S. V. Saboji "Establishing Trust Worthy Reliable Path in Mobile Adhoc Network using Mobile Agent" Fifth National Conference on Multimedia Technology and Communication System (NCMTCS-2019) in Malnad College of Engineering, Hassan, on 10th & 11th May 2019.

3. S. S. Rathod, S. V. Saboji "Location Based Opportunistic Routing in Wireless Sensor Network" Fifth National Conference on Multimedia Technology and Communication System (NCMTCS-2019) in Malnad College of Engineering, Hassan, on 10th & 11th May 2019.

4. Veeresh Kadlimatti, S. V. Saboji "Agriculture Price Prediction Using Data Mining" International Conference on Emerging trends in Engineering, Technology and Management, ICETETM-2019 in PDIT, Hosapete 26th - 27th April 2019| Karnataka, India, http://www.icetetm.com/

5. S. R. Baramgoudar, S. V. Saboji "Routing in opportunistic Networks: Taxonomy, Survey" IEEE International conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques(ICEECCOT-2017), GSSS Institute of Engineering and Technology for Women ,pp 300-305, 15th and 16th Dec 2017, ISBN 978-1-5386-2361-9,

   DOI: 10.1109/ICEECCOT.2017.8284516

6. Suresh Talwar, S. V. Saboji "Review of Data Integrity in Cloud Storage" International Conference on Ideation and Innovations in Sustainable Sciences and Technologies, (IISST 17) University of Malaya, Kuala Lumpur, Malaysia 30 June- 2 July 2017.

7. Bhagyashree K. L., S. V. Saboji "A Survey on Data Centric Trust Management In Vanet" Third National Conference on Multimedia Technology and Communication System (MCMTCS-2017), Malanad College of Engineering , Hassan, 17th & 18th March 2017.

8. S.R.Baramagoudar, S.V. Saboji "Review of microscopic and macroscopic routing algorithms in opportunistic networks" IEEE Conference on Computational Systems and Information Systems for Sustainable Solutions(CSITSS) 6th -8th oct, 2016, Bangalore, pp 232-237, ISSN:978-1-5090-1022-6,

   DOI: 10.1109/CSITSS.2016.7779429, EID: 2-s2.0-85010375374

9. Poornima Byahatti, S.V. Saboji "Review of Security in VANET" International Conference on "Internet of Things" International Journal of Engineering Research and Technology, August 18-19, 2016, Bangalore, ISSN: 2278-0181, PP 116-121.

10. Archana B. Mogali, S.V. Saboji "Cryptographic Approach for Trust Management in VANETs" International Conference on Current Advances in Engineering and Technology (ICCAET-2016) on 17th July, 2016 at Nellore, India

11. Bharati.Nidasheshi, S.V. Saboji "Quality optimization scheduling of downlink video application by Genetic Algorithm in LTE Network" International Conference on Current Advances in Engineering and Technology (ICCAET-2016) on 17th July, 2016 at Nellore, India

12. Shalini V.Ritti, S.V. Saboji "Energy Aware Routing in Opportunistic Wireless Networks" International Conference on Current Advances in Engineering and Technology (ICCAET-2016) on 17th July, 2016 at Nellore, India

13. S.V. Saboji, S. V. Manjargi, C. B. Akki "A Survey of 4G Network Security Models" Proceedings of 5th International conference on Advances in Computer Engineering ACE 2014, 26th 27th Dec 2014, Kochi Kerla. pp 183-194 ISBN: 978-1-5108-0958-1

14. S.V.Saboji, Jagadanna Karamunge "Digital Signature based Source Routing in Wireless Sensor Networks" International Conference on Industrial Electronics Engineering(ICIEEE) , 15th June 2014, PUNE, ISBN:978-93-84209-27-3 . Paper ID

15. S.V.Saboji, Jagadanna Karamunge "Survey on Dynamic Source Routing, Attacks and counter Measures in Wireless Sensor Network" National

Conference on Recent Innovations in Engineering and Technology (NCRIET-2014) , 3rd -4th May 2014, Bheemanna Khandre Institute of Technology Bhalki

16. S.V.Saboji, Ravi Inamatti "Review of Wi-Max Technology" International conference on Industrial Electronics and Computer Science (ICIECS) 7th July 2013 Goa. Pp 67-73, ISBN:978-81-927147-7-6

17. S.V. Saboji, C.B.Akki "Network Allocation to Vertical Handoff Call Using Non-cooperative Game Theory" CSI International Conference on Advances in Cloud Computing (ACC-2012), July 26-28, 2012 Bangalore, India organized by Computer Society of India. ISBN: 978-81-7371-778-9, PP 57-63.

18. S.V. Saboji, C.B.Akki "Agent Based Bandwidth Estimation In Heterogeneous Wireless Networks" Proc. of 3rd Int. Conf. on Advances in Recent Technologies in Communication and Computing (ARTCom 2011), 14th – 15th Sep 2011, Bangalore, India, Organized by ACEEE. Pp 256- 258, ISBN:978-8-19106-918-1, IET Digital Library, DOI: 10.1049/ic.2011.0093

19. S.V.Saboji, C. B. Hebbi "Vertical Handoff in Heterogeneous Wireless Mobile Networks", First International Conference on Networks and Communication (NETCOM 09)held on 27th-29th Dec 2009, at Le Royal Meridien, Chennai, India. ISBN: 978-1-4244-5364-1, DOI:10.1109/NetCoM.2009.52

20. S.V.Saboji "Security Conscious Web Services Composition with Semantic Web Support", National Conference on Futuristic Computer Applications held on 22nd-24th Dec 2009, at Institute of Information Technology, Pune, India.

21. S.V.Saboji, Dr. C. B. Akki "A review of vertical handoff in 4G wireless Networks" , Proceedings of National Conference on Computer Networks held on 20th-21st Feb 2009, at Reva Institute of Technology and Management , Bangalore. ISBN:978-81-8487-025-1, PP 53-58.

22. 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. ISBN: 978-1-4244-0982-2

DOI: 10.1109/ICICS.2007.4449535

23. 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.** ISBN: 1-60132-039-6 , pp 293-298

24. S. V. Saboji , Dr. S.S.Manvi, "Prediction Handover For Multiclass Traffic In Wireless Mobile Network" proceedings of International conference on Resource Utilization and Intelligent Systems, 4th – 6th Jan 2006, Perundurai Erode Tamilnadu INDIA, ISBN: 81-7764-940-1, Vol 1,PP 813-819

Invited Talks :

1. Resource person to the workshop on "Computer Networks and Cyber Security" Sri. Jayachamarajendra College of Engineering Mysuru, 16th to 20th July 2018.

2. Presented technical talk on Opportunistic network simulation using MATLAB in the workshop on "Applications of MATLAB in Research" 24th –30th April 2017, BLDEA's Dr. P. G. Halakatti College of ngg. And Technology, Vijayapur.

3. Presented Technical talk at KLE College of Engineering and Technology, Chikodi on Cellular Networks on 14 Aug 2015.

4. HRD programme for BE First year students, Basaveshwar Engineering College, Bagalkot, 23rd - 24th Oct 2010.

5. "Website design and Hosting" during 29th to 4th Sept 2008 at BEC Bagalkot

6. "Internet Protocols" Basaveshwar Engineering College, Bagalkot, 21st –26th Aug 2006.

7. "Internet and Web Design" Basaveshwar Engineering College, Bagalkot, 2006.

8. *"Pointers and Data Structures in C" Basaveshwar Engineering College, Bagalkot, 19th – 29th Sep 2006.*

Events Organized :

1. Online workshop on "Blockchain Technology for Business", 15th and 16th June 2022, by Dr. Shashi Kant Srivastava of the Indian Institute of Management Siramaur, Himachal Pradesh.

2. Webinar on "Radar System Development with Industry Partner" , 25-9-2021, by Mr. Mahesh Kopp, Sc"F" Electronics and Radar Development EST(LRDE) DRDO Bangalore.

3. Industry institute interaction programme on "Computing Technologies and Applications" on 29th Oct 2018, Basaveshwar Engineering College, Bagalkot

4. Industry institute interaction programme on "SMAC- Advances in New Technology" on 23rd Nov 2017 , Basaveshwar Engineering College, Bagalkot.

5. International Symposium on "Green Technologies for Sustainable Development" on 24th and 25th Feb 2017 at Basaveshwar Engineering College, Bagalkor-587104.

6. Student Development Programme "Cloud Computing, IOT and Python Programming" organized at Basaveshwar Engineering College, Bagalkot, 14th – 19th Sep. 2016

7. Student Development Programme "Industry Leadership Quality Development Programme" organized at Basaveshwar Engineering College, Bagalkot, 7th Sep. 2016

8. Student Development Programme "Career Guidance in IT Industry for BE and M.Tech.

Students" organized at Basaveshwar Engineering College, Bagalkot, 23rd March 2016

9. Student Development Programme "Cloud Computing" organized at Basaveshwar Engineering College, Bagalkot, 14th Nov 2015.

10. Faculty Development Programme "Big-Data Analytics using Hadoop" organized under TEQIP-II at Basaveshwar Engineering College, Bagalkot, 9th – 11st July. 2015.

11. Student Development Programme "Building Industrial Quality Software" organized under TEQIP-II at Basaveshwar Engineering College, Bagalkot, 27th Jan - 1st Feb 2014.

12. Faculty Development Programme "Advanced Network Computing and Simulation" organized under TEQIP-II at Basaveshwar Engineering College, Bagalkot, 22th – 24st Nov. 2013.

13. Faculty Development Programme "Real Time Operating Systems" organized under TEQIP-I at Basaveshwar Engineering College, Bagalkot, 26th – 31st March 2007.

14. Student Personality Development Training Programme, Basaveshwar Science College, Bagalkot, 2002.

Conferences/ Symposiums/ Workshops/ Training Programs Attended :	1. IEEE India council online-FDP on "5G Wireless Communication Technology" 28-7-2022 to 30-7-2022. 2. ATAL (AICTE Training and learning) online-FDP on "6G wireless Networks" 20-12-2021 to 24-12-2021 at Indian Institute of Technology, Dharwad. 3. AICTE –Online Short Term Training Program on "Practicing Cloud Computing with AWS" K L Deemed University, Guntur, 30th Aug 2021 to 4th Sep 2021. 4. AICTE online workshop on "Examination Reforms" Chitkara University, Chandigarh, 26th to 28th July 2021 5. Seminar on "Patent System in India" 31st Macrh

2021, Basaveshwar Enegineering College Bagalkot.

6. Seminar on "Writing successful proposal to Research Grant" on 24 March 2021, IEEE Bangalore section.

7. FDP on "Cyber Security" held on 22nd – 26th March 2021 Vidyavardhaka College of Engineering, Mysore.

8. FDP online on "Role of Faculty in Implementation of NEP" held on 20th February, 2021 organized by BHARATIYA SHIKSHAN MANDAL and Nitti AAYOG.

9. NPTEL online Certification on "Digital Transformation in Teaching Learning Process" 14th Feb to 6th March 2020, Course offered by IIT Bombay

10. FDP on "End-to-End Innovation" 19th – 24th Feb 2018 at Indian Institute of Technology Bombay.

11. FDP on "Sensor Networks" organized under TEQIP at Basaveshwar Engineering College Bagalkot on 8, 9 Jan 2018.

12. FDP on "Technology-Driven Innovation and Entrepreneurship" 15th –19th February 2017, Indian Institute of Technology Bombay.

13. FDP on "Research Literacy and Trends in Scholarly Communications" 23rd to 28th Jan 2017, BLDEA College Of engineering and Technology, Vijapur.

14. Workshop on "ISRO Satellite Remote sensing based societal applications on the web" on 9th sep. 2016 organized under TEQIP at Basaveshwar Engineering College Bagalkot.

15. International conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Technique(ICEECCOT-2017) 15th and 16th Dec 2017, GSSS Institute of Engineering for women, Mysuru.

16. Session Chair for 2nd national conference on "Emerging Trends and Adances in Information Technology" 7th and 8th April 2017, Adichunchanagiri Institute of Technology, Chikkamagaluru.

17. International Symposium on "Green Technologies for sustainable Development" on 24th and 25th Feb 2017 at Basaveshwar Engineering College, Bagalkor-587104.

18. National Conference on Recent Innovations in Engineering and Technology-2014, Bheemanna Khandre Institute of Technology Bhalki, 3rd and 4th

May 2014, Bhalki.

19. International Conference on International Conference on Industrial Electronics Engineering(ICIEEE) , 15th June 2014, PUNE

20. International Conference on Advances in Cloud Computing (ACC-2012), July 26-28, 2012 Bangalore, India organized by Computer Society of India.

21. First International Conference on Networks and Communications (NetCoM 2009), 27-29 Dec 2009, Chennai India, organized by Academy and Industry Research Collaboration Center.

22. National Conference on IT (Coin IT-2004), 31st Oct 2004 Dharwad, organized by Adept Institute of Management Studies Dharwad

23. National conference on Futuristic Computer Applications(NCFCA 2009), 22nd to 24th Dec 2009, Pune organized by All India Shri Shivaji Memorial Society, Institute of Information Technology Pune.

24. National Conference on Computer Networks 2009 (NCCN 2009) 20-21 Feb 2009, Bangalore, organized by Reva Institue of Technology and Management Bangalore.

25. International Conference on Wireless communication Networks organized by World Congress on Science and Technology (WORLDCOMP'07), 25th –28th Jun 2007, Las Vegus, Nevada, **USA**.

26. International conference on "Resource Utilization and Intelligent Systems", 4th –6th Jan 2006, Perundurai Erode Tamilnadu INDIA.

27. National Conference on "IT workforce Development" 19th – 20th Sep 2006, BMS College of Engineering Bangalore.

28. *National Conference on "Mathematical Methods and Applications" 17th and 18th March 2007, Basaveshwar Engineering College Bagalkot.*

Awards and Honors :

Young Achiever Award-2018, Institute for Exploring Advances in Engineering(IEAE)

1. Awarded for Excellence in Reviewing for IEEE MYSURUCON 2022 on 16th and 17th Oct 2022
2. Awarded for Excellence in Reviewing for Asian Journal of Research in Computer Science,19-Aug-

2022

3. Awarded for Excellence in reviewing for IEEE international conference on Data Science and Information system (ICDSIS 2022) 29th-30th July, 2022.
4. Awarded for Excellence in Reviewing for IEEE international conference on Distributed computing and Electrical circuits and Electronics (ICDCECE-2022) 23rd-24th April, 2022.
5. Awarded for Excellence in Reviewing International Conference on Mobile Networks and Wireless Communications (ICMNWC-2021) 03-04 December, 2021.