



RESUME

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Date of Birth	24.02.1976			
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Department / Discipline				
Educational Qualifications	Exam Passed (Pl. Tick)	Institution University	% & Class Obtained	Year
	Degree: B.Sc	S.K.University	81.94 Distinction	1996
	PG: M.Sc	S.K.University	76.77 First	1998
	Higher: PhD	S.K.University	Awarded	2010
	Others			
Experience	Nature of Experience		No. of Years	
	Teaching		20	
	Industry/Research			
	Total No. of years of Experience		20	
Experience Details	Designation	Institution/ Organization	Duration	
	Professor	SJCIT, Chickballapur	01/06/2019 To Till date	
	Professor & Head	SJCIT, Chickballapur	2 Years 11 Months	
	Professor	SJCIT, Chickballapur	5 years 13 days	
	Assistant Professor	SJCIT, Chickballapur	3 Years 4 Months 19days	
	Senior Lecturer	SJCIT, Chickballapur	2 Years 4 Months 30 Days	
Professional bodies Membership details	Life Member of IMAPS India Chapter – LM448 , Member of IETE – M210625 , Member of IEAE – IEAE20170287			
Other Professional Experience				

Areas of Research Interest & Guidance	Embedded Systems, Wireless Communication, Medical Imaging
Distinctions/Awards Received	21
National/ International Work Shops/ Seminars / Conferences Attended	142
No. of Papers Presented/ Books Published	119 (Papers Presented)
	<ol style="list-style-type: none"> 1) Dr.Anil Kumar C, Dr.S.Bhargavi, Dr Prabha Ravi, Dr.Rohith S, The impact of Emotional Intelligence on Teaching effectiveness and Research Quality of University Faculty in India, Volume: 8 Issue: 5, Nat.Volatiles & Essent.Oils, 2021; 2101-2107 2) G. K. Venkatesh, S.Bhargavi, Basavaraj V. Hiremath, Anil Kumar C. Design and Performance Analysis of Low Power and High Throughput of Analog Data Compression and Decompression using ANN in 32nm FinFET Technology, International journal of circuits, systems and signal processing, Volume 15, PP.730-744, July 2021, DOI:10.46300/9106.2021.15.81 3) K. V. Mahesan,S. Bhargavi, D. Jayadevappa, “Level Sets And Cluster Based Hybrid Approach For The Segmentation And Classification Of Brain Tumors”, International Journal of Advanced Science and Technology (IJAST), Vol. 29, No. 7s, (2020), pp. 3077-3084, ISSN: 2005-4238 IJAST Copyright © 2020 SERSC (Scopus Indexed) 4) Dr. S. Bhargavi, Sowmya Shree N, Nitin Kumar, Sahana R, Thanuja T.S, “Real-time Implementation of IOT based Smart Dam System and Safety of Inhabitants through Live Footage”, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8, Issue-1C, May 2019, Page No. 173-176, Impact Factor: 5.92 (Scopus Indexed) 5) Ashwini.S, Anil Kumar C., Bhargavi.S, “Cloud Computing based EHR”, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8, Issue-1C, May 2019, Page No. 202-206, Impact Factor: 5.92 (Scopus Indexed) 6) S. Bhargavi, Bhargavi K.R, Gowthami M.L, Renuka P.R, Swetha A.V, “Fully Automatic Garbage Collection for Small Scale and Large Scale Industries”, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8, Issue-1C, May 2019, Page No. 225-228, Impact Factor: 5.92 (Scopus Indexed) 7) S Bhargavi, Niranjana S, Rakshita Bhat, Sameera L R, Sneha Shaw, “Intelligent Traffic System for auto detection of traffic rules violation and information” International Journal of Perspectives in Communication, Embedded-Systems and Signal-Processing πCES, Vol 2, Issue-12, 2018 8) K.M. Gayathri, S. Bhargavi and N. Thangadurai, “Hardware Implementation and Testing of PAPR reduction using Order Bit Selector and Trellis Structure” Journal of Engineering and Applied Sciences, © Medwell journals ISSN: 1816-949X, 2018, Page No. 5027-5036, (Scopus indexed). 9) Dr.S.Bhargavi, Banuprathap P V, “System capacity improvement by on demand channel allocation in femto and macro cell networks”, International Journal of Engineering and Technology (IJET), 2018, Page No. 242-244 (Scopus Indexed) 10) Sanjay H S, S. Bhargavi, S. Madhuri, “Auditory Psychophysical Analysis of Healthy Individuals based on Audiometry and Absolute Threshold Tests”, International Journal of Engineering and Technology, 2018, Page No. 99-106 (Scopus Indexed)

- 11)** D. Kumar, Anil Kumar, C N Vijay Kumar, S.Bhargavi, "Performance analysis of direct detection optical OFDM Systems", International Journal of Engineering and Technology (IJET), 2018, Page No. 242-244 (Scopus Indexed)
- 12)** K.V. Mahesan, S. Bhargavi and D. Jayadevappa, "Multiresolution Approach for the segmentation of brain tumour from MR images using active contour model," Journal of Advanced Research in Dynamical and Control systems, Vol 10, Special issue-1, 2018 (Scopus Indexed)
- 13)** Gayathri K M, Dr.S.Bhargavi, "Analysis of PAPR reduction in MIMO-OFDM systems by using PTS and DCT" International Journal of Advanced Research trends in Engineering & Technology (IJARTET), Vol 5, Special issue-3, January 2018
- 14)** H.S. Sanjay, S. Bhargavi and N. Thangadurai, "Assessment of Psychophysical Variations in Human Beings with the Aid of Audiometry and Gap Detection Tests" Journal of Engineering and Applied Sciences 12 (23): 7351-7357, 2017 ISSN: 1816-949X © Medwell Journals, 2017 (Scopus Indexed)
- 15)** Sanjay H. S, Bhargavi S and Dinesh P. A, "Auditory Temporal Resolution Based Psychophysical Evaluation of Healthy Individuals Exposed to Desired and Undesired Conditioning". Biomedical and Pharmacol Journal, Vol. 10(3), 1449-1461 (2017) (DOI: 10.13005/bpj/1252), ISSN: 0974-6242 (Scopus Indexed)
- 16)** H. S. Sanjay, S. Bhargavi, Syed Faisal Ali, "Psychophysical Response for Intensity Variation in Pure Tone Sound-Attention & Retention Assessment in Human Beings" Indian Journal of Science and Technology (IJST), Vol 10.2 1-8, (2017) (DOI: 10.17485/ijst/2017/v10i1/110289), January 2017, ISSN: 0974-6846 (Thomson Reuters Indexed)
- 17)** Sanjay H S , Bhargavi S, "Perception of Silence Intervals between Sounds in Normal Human Beings based on Gap Detection Paradigm – A cue towards Auditory Temporal Resolution", International Journal of Control Theory and Applications Vol 10 No.24, 2017, ISSN: 0974-5572 Page No. 335-342 (Thomson Reuters Indexed)
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- 19)** K V Mahesan, S.Bhargavi, D.Jayadevappa, "Segmentation of MR images using active contours: methods, challenges and Applications" International Journal of Innovative Research in Advanced Engineering, Volume 4, Issue 02, February 2017
- 20)** K. M. Gayathri, S. Bhargavi and N. Thangadurai, "Modified PAPR Reduction Scheme by Integrating DCT & WPT with partial transmit sequence" Indian Journal of science and Technology, Vol -10, Issue-1, page no. 1-6, Jan 2017, ISSN; 0974-6486. (Scopus indexed)
- 21)** K. M. Gayathri, S. Bhargavi and N. Thangadurai, "Fragmentary Chronological transmission with order bit select to reduce PAPR in OFDM System", International Journal of Control Theory and Applications, Vol-10, No.30, page no. 309-325, 2017. (Web of Science Indexed)
- 22)** Gayathri K M, Dr. S.Bhargavi and Dr. Thangadurai, "VLSI Implementation of Integrating the Discrete Cosine and Wavelet Transform with PTS for PAPR Reduction", International Journal of Applied Engineering Research, Vol-12, Number-16, pp no. 5594-5603, 2017 (Scopus indexed)

- 23) Anusha Patel H S, Dr.S.Bhargavi, "Enhancing the Lifetime of Wireless Sensor Network and Coverage Alongside Load Balancing" International Journal of Innovative Research in Computer and Communication Engineering, Vol. 4, Issue 4, April 2016, Pages 7481-7489.
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- 29) Dr.S.Bhargavi, Anughna.N, Swetha.T.N, "An Efficient Steganographic Method For Generating Stego Image Based on RSA Algorithm and Hash LSB Technique", International Journal of Research In Science & Engineering e-ISSN: 2394-8299, Volume: 1 Special Issue: 2 p-ISSN: 2394-8280, 2015, Pages [241-245]
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- 42) S.Bhargavi, Ranjitha B.T, "Implementation Of Node Energy Based On Encryption Keying", (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 2, No. 8, 2011, pages 33-39
- 43) B Ramamurthy, S Bhargavi, R Shashikumar, "Design and Implementation of GSM based Remote Monitoring and Control system for Industrial process Parameters", International Journal of Computer Science and Information Security, Vol. 8, No. 5, August 2010, (pp. 219-225)
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Signature of the Candidate