

KLE Institute of Technology, Hubballi 580 027
Faculty Profile



Photograph

Name: Rajeshwari L Itagi

1. Educational, professional qualifications, and trainings				
1.1. Educational Qualification (from highest to basic)				
S.N	Degree	University / College	Discipline	Year of Passing
a)	B.E.	KLS GIT, KUD	E&C Engg	1985
b)	M.S.	BITS, Pilani	Electronics & Controls	1994
c)	Ph.D.	NITK, Surathkal	Digital Communication	2013
1.2. Training programmes attended				
S.N	Subject Area of Training	Organization	Place	Period / Duration
a)	Automation & Control Applications	Dept. of ECE, BVB Tech	Hubballi	4th to 6th June 2018
b)	Digital Image Processing	Dept. of ECE, KLEIT	Hubballi	24th to 28 July 2018
c)	Enhance your career with IEEE	Dept. of ECE, KLEIT	Hubballi	15th March 2019
d)	Data Science	Dept. of CSE, KLEIT	Hubballi	16th March 2019
e)	Conference Organizers Education workshop	IEEE Region 10 sponsored, organized by IEEE Bangalore Section	Bengaluru	19th Oct 2019
f)	Workshop on "R-programming"	NMICET from IIT Bombay, at remote center, KLEIT	Hubballi	17th Dec. 2019
g)	Introduction and Application of IoT - Where to Start	IEEE Bangalore Section	Bengaluru (On-line)	23 rd May 2020
h)	One-Day Workshop on Significance of Intellectual Property Rights and Innovations	Karnataka State Council for Science and Technology Indian Institute of Science Campus, Bengaluru & Cell for IPR Promotion and Management (CIPAM) Udyogbhawan, New Delhi In association with KLE Institute of Technology Hubballi-30	Hubballi (On-line)	11 th June 2020
i)	Research Funding Agencies and How to Write Good Proposals	Dept. of CSE, Angadi Inst. of Technology and Management	Belagavi (On-line)	26 th June 2020
j)	Industrial Internet of Things	Dept. of ECE, KLEIT	Hubballi (On-line)	4 th July 2020
k)	IEEE - ABET Webinar on Accreditation and Quality of Engineering Education in South Asia	IEEE Bangalore Section	Bengaluru (On-line)	8 th July 2020
l)	Leadership: leading oneself in uncertain times	WiE, IEEE Bangalore section, KSIT IEEE SB, K. S. Institute of	Bengaluru (On-line)	13 th July 2020

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		Technology		
1.3. Membership of National and International Professional Bodies/Organisations				
S.N	Name of Professional Body/Organization	Place	Membership Category	
a)	IEEE	Bengaluru	Senior Member (80528164)	
b)	CSI	Mumbai	Associate Life Member (00133636)	
c)	IETE	New-Delhi	Member (M101927)	
1.4. Technical Papers/Books Published in National / International Events / Journals				
a)	<ul style="list-style-type: none"> • Rajeshwari L Itagi, Vittal K. P., U Sripati (2010). "Space time Coding for Data Transmission over Power Line Channel". <i>Proc. IEEE PEDES 2010 & 2010 Power India Conference, Indian Institute of Technology, New Delhi, India.</i> • Rajeshwari L. Itagi, Vittal K. P., U. Sripati (2011). "Space time Coding for Power Line Communication". <i>Proc. of 3rd IEEE International Conference on Electronics Computer Technology, Kanyakumari, India.</i> • Rajeshwari L. Itagi, Vittal K. P., U. Sripati (2011). "Concatenated BCH Coding with Space Time Coding for Power Line Communication". <i>Proc. of International Conference on Roadmap for Smart Grid, Central Power Research Institute, Bangalore, IISc, India.</i> • Rajeshwari L Itagi, Vittal K. P., U. Sripati (2012). Concatenation of BCH code with Space time code, A Low SNR approach for Communication over Power Lines for Substation Automation". <i>International Journal of Advances in Engineering & Technology</i>, 2(1), P 493-500. • Shridhar Devamane, R L Itagi (2015). "A Review on Punctured Analysis of Turbo codes". <i>IJIREEICE</i>, 13(12). • Sam Jose, R L Itagi (2015). "Smart Solar Power Plant". <i>4th IEEE International Conference on Communication and Signal Processing, Adiparasakthi Engg. College, Melmaruvathur, Tamilnadu, India.</i> • Saritha Miryala, R L Itagi (2015). "Energy Efficient Routing Protocols used in Wireless Sensor Networks: A Review". <i>International Journal of Emerging Technology in Computer Science and Electronics</i>, 14(2). • Shridhar Devamane R. L. Itagi (2018). "Performance evaluation of interleavers for Turbo code". <i>3rd IEEE Intl. Conf. (ICEECCOT), GSSS Institute of Engg. & Technology for women, Mysuru.</i> • Shridhar Devamane R. L. Itagi (2018). "Turbo Code Implementation on TMS320C6711". <i>3rd IEEE Intl. Conf. (ICEECCOT) 2018, GSSS Institute of Engg. & Technology for women, Mysuru.</i> • S. B. Devamane and R. L. Itagi (2020). "Recurrent neural network based turbo decoding algorithms for different code rates". <i>Journal of King Saud University – Computer and Information Sciences</i>, (in press) https://doi.org/10.1016/j.jksuci.2020.03.012 • Shridhar Devamane R. L. Itagi (2019). "Soft in Soft out based Turbo decoding algorithm". <i>(Communicated to IJEECSSE)</i>. 			
1.5.	Language skills (ability to)	Speak:	Read / Write	
		Kannada	Read and Write	
		English	Read and Write	
		Hindi	Read and Write	
		Marathi	-----	
5. Employment Information and Professional Experience till date (provide latest to first).				
5.1.	Employment Information (Provide information in the following order: Job title, Employer, Dates (from – to), Responsibilities, highlight the work undertaken that best illustrates capability to handle the tasks assigned).			
a)	Job title	Prof., Assoct. Prof., Asst Prof.		

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	Employer	KLEIT, Hubballi
	Dates (from – to)	01-08-2009 till date
	Responsibilities	Academic; Member: NBA work, IEEE SB Counsellor 2014, Anti Ragging, Discipline; Coordinator: Adivitiya 2019 (National Level Tech Event)
e)	Job title	Asst. Prof., Senior Lecturer, Lecturer,
	Employer	KLS Gogte Institute of Technology, Belagavi
	Dates (from – to)	16-10-1991 to 31-07-2009
	Responsibilities	Academic, NBA work, Coordinator Panchajanya (IEEE SB state Level Tech Event) 2018
i)	Job title	Lecturer
	Employer	KLS Gogte Institute of Technology, Belagavi
	Dates (from – to)	02-08-1985 to 27-09-1989
	Responsibilities	Academic
5.2.	Public Service & Volunteer Work	
a)	Member, Lions Club, Belagavi in 2016-17	
b)		
c)		
5.3.	Other professional achievements such as any awards, special skills, etc.	
a)	Received Appreciation letter from Institute KLEIT for contributing to NBA work in 2018	
b)	Resource person in two-day workshop on 'Troubleshooting in NBA SAR' at Govt. Engg. College, Haveri on 3rd Aug 2018.	
c)	Elevated to Senior Member IEEE in Dec. 2019	
d)	Recognised as Reviewer for IEEE conferences	
e)	Member of Technical Programme Committee, for DISCOVER-2020, Two-day International Conference, organized by IEEE Mangalore subsection	
f)	Contributed to Proposal writing to receive 20 L grants to Dept. of ECE from AICTE in Dec. 2019	
g)	Member for Research Cell, as External Reviewer for an autonomous Institute.	
h)	Author of Manual titled "Format and Rubrics for Final Year Projects, Common to all Programs" for KLEIT, Hubballi.	
i)	Served as Member BoE and Member LIC, VTU, Belagavi (2019-2020)	
j)	Serving as Mentor for NBA work, Chetan Business School, Hubballi	
k)	Technical paper titled 'Recurrent Neural Network Based Turbo Decoding Algorithms for Different Code Rates', by Shridhar Devamane, Rajeshwari Itagi, publication in Elsevier Journal ISSN: 1319-1578, is included in best reading by Research Library-IEEE Communications Society Machine Learning, in the category of error control coding (July 2020).	
6.	Any other information	
6.1.	Strengths	Writing skills, Working with teams.
3.2		
7.	General information	
7.1.	Name	Rajeshwari
7.2.	Gender	Female
7.3.	Nationality	Indian
7.4.	Date of birth	06-05-1963
7.5.	Contact address	1. 302, Supra Enclave, Vivekanand Nagar, Gokul Road, Hubballi

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		2. 951/A, 9 th Cross, Bhagynagar, Belagavi
7.6.	Phone / mobile number	9632326049
7.7.	Email	rajeshwariitagi@kleit.ac.in, rajeshwariitagi@yahoo.com

14-06-2020	Rajeshwari L Itagi	
Date	Full name	Signature