

PROFILE



- 1. Name** : **M.Vasantha Lakshmi**
- 2. Date of Birth** : 20.07.1980
- 3. Present Address** : Flat no: 203, Saketh paradise,
Inside owners court layout,
Kasavanahalli Main Road,
Off Sarjapur Road,
Bangalore- 560 035
- 4. Permanent Address** : No 19, Gayathri Nagar
Karahalli,
Bangarpet - 560014
- 5. Phone** Phone: 080-26610197
Mobile: 9741557906
- 6. Father's Name** : M.Ganapathy Bhat
- 7. Mother's Name** : Pushpa
- 8. E-mail ID** : vasu_1980_lakshmi@yahoo.com
vasantha.tce@bmsce.ac.in
- 9. Highest Qualifications** : M.Tech (PhD)
- 10. Research Area** : Wireless Communication
- 11. Academic Performance** :

S.No.	Examination	Year	Board/University	Marks
1	SSLC	1996	Karnataka Secondary Education examination Board, Karnataka	72%
2	PUC	1998	Pre-University Education, Karnataka	75%
3	B.Tech. (Electronics & Communication)	2003	Viswesvaraya Technological University	69%
4	M.Tech. (Digital Communication and Networking)	2008	Viswesvaraya Technological University	72%
5	Registered for Ph.D.	2013	Viswesvaraya Technological University	--

12. Date of Joining

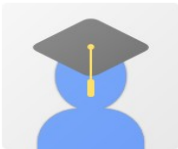
: 05-10-2005

13. Employment Profile:

Organization	Period		Designation	Type of Experience	Nature of work
	From	To			
Department of Telecommunication Engg., BMS College of Engineering, Bangalore	05 th Oct 2005	to date	Asst Professor	Teaching	Teaching, Research
Kuppam College of Engineering, Kuppam , Andhra Pradesh	May 2004	Oct 2005	Lecturer	Teaching	Teaching
Pavan Polytechnic, kolar	Aug 2003	May 2004	Lecturer	Teaching	Teaching

12 Citation Index (as on January 2015):

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14.1 International Journal Publications:

1. M.Vasantha Lakshmi, H.N.Latha, Dr.S.Ramachandran 'Design of CAVLC and De-Blocking filter for H.264' at Skivers science direct, Procardia Technology, Volume 4, pages 671-676 during February 2012.
2. M.Vasantha Lakshmi, pupul mayank, Nadir ahmed, Rohit Banka, Manish Gathke 'Sign Language Coach' at International journal of innovations in engineering and technology, Volume 3, Issue-1, pages 211- 219, Oct-2013. ISSN: 2319-1058.
3. M.Vasantha Lakshmi, "Voice mail system in Internet protocol private branch exchange" at 2nd Science one international Conference on Information technology at Dubai, UAE, during Jan 21-23, 2014.
4. C B Manikanta, Rahul Hebbar A, Kumari Abhaya, Anshuman Mohanty, M. Vasantha Lakshmi, Sharath Kumar "Intelligent Future Wireless Networks Driving Energy Efficiency" at REST Journal on Emerging trends in modelling and manufacturing, Volume 4, Issue-1, pages 11-15, June- 2018. ISSN: 2455-4537.
5. Vasantha Lakshmi M, B.Kanmani, "PAPR of QPSK OFDM modulation schemes: A comparative study", The IUP Journal of Electrical and Electronics Engineering, April 2019.

14.2 International Conference Publications:

1. Vasantha Lakshmi M, B.Kanmani, " PAPR reduction through Lossy coding" at International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies – 2017 organized by Bharath University, Selaiyur, Chennai, Tamil Nadu in association with IEEE during February 16th to 18th 2017.
2. Vasantha Lakshmi M, B.Kanmani, ""PAPR Reduction through Lossy Coding in BPSK OFDM", at third Regional Conference on Radio Science URSI-RCRS 2017 organized by NARL, Department of Space, Govt of India, Gadanki, Tirupathi, Andhra Pradesh during March 1st to 4th 2017.
3. Vasantha Lakshmi M, "Outcome Based Teaching: Microwave and Radar" at 2nd International conference on MOOC'S, Innovation and technology in education (IEEE MITE-2014), at Thapar University, Patiala, Punjab during December 2014.
4. **Vasantha Lakshmi M**, T.Anusha Lalitha, K.P.Pushpavathi, 'Investigations on image processing algorithms developed for medical image analysis 'at International Conference on VLSI and Signal Processing held at K.S.Institute of Technology, Bangalore during May 2012.
5. **M.Vasantha Lakshmi**, H.N.Latha, Dr.S.Ramachandran 'Design of CAVLC and De-blocking filter for H.264' at C3IT International Conference held at Academy of technology, Kolkata during February 2012..

6. **M.Vasantha Lakshmi**, K.T.Rangaraj and S.Ramachandran ‘Design and Implementation of ITIQ and De-blocking filter for AVC’ at C3IT International Conference held at Academy of technology, Kolkata during February 2009.
7. Vasantha Lakshmi M, B.Kanmani, “ Digital circuit simulation study of lossy source coding for PAPR reduction”, 5th IEEE International Conference on advanced computing and communication systems, Sri Eshwar College of Engineering, Coimbatore, Tamil Nadu, during March 15th to 16th 2019.

14.3 National Conference Publications:

1. S.Ramachandran, **Vasantha Lakshmi M.**, Pushpavathi K.P ‘Design and Implementation of De-blocking filter for CAVLD for MPEG-4’ at CCCA National Conference held at Ramakrishna institute of technology, Coimbatore, during February 2010
2. T.Anusha Lalitha, Vasantha Lakshmi M “ Need for simulation in Teaching Microwave and radar” at 7th IETE ICon RFW-2014, at HKBK College of Engg., B’lore, during 8-10 May 2014.

14.5 IEEE/IET/Springer publications/ American Institute of Physics and The Smithsonian/NASA Astrophysics Data System (ADS)

1. Vasantha Lakshmi M, B.Kanmani, “ **PAPR reduction through Lossy coding**” at International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies Digital Object Identifier: 10.1109/ICAMMAET.2017.8186704, Publication Year: 2017, IEEE CONFERENCE PUBLICATIONS
2. **OUTCOME BASED TEACHING: MICROWAVE AND RADAR, 2014, 2nd** International conference on MOOC’S, Innovation and technology in education (IEEE MITE-2014) Digital Object Identifier: 10.1109/MITE.2014.7020277, Publication Year: 2014, Page(s): 227-231, IEEE CONFERENCE PUBLICATIONS.
3. Vasantha Lakshmi M, B.Kanmani, “ Digital circuit simulation study of lossy source coding for PAPR reduction”, 5th IEEE International Conference on advanced computing and communication systems, Sri Eshwar College of Engineering, Coimbatore, Tamil Nadu, during March 15th to 16th 2019.

16.1 Interaction with outside world through joint Publications:

Sl. No.	Publication details	Affiliation of Co-author(s)
1	M.Vasantha Lakshmi, “Voice mail system in Internet	Sitaram V.Yaji,

protocol private branch exchange” at 2nd Science one international Conference on Information technology at Dubai, UAE, during Jan 21-23, 2014	Project Coordinator, RV-VLSI Design center, Bangalore
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17. Professional Body Membership:

Sl.No.	Professional Body	Membership Number
1	IEEE	92253505
2	ARSI	

18 Training/FDP attended :

Sl.No.	Nature of Program	Title of program	Date	Venue
1	TEQIP Sponsored	Interpersonal skills, assertive skills & positive attitude for success	June 2007	BMSCE
2	Workshop	“Telecommunication and Information Technology”	6th February 2008	Falcon Electro Tex Pvt.Ltd
3	TEQIP Sponsored one week workshop	Recent trends in Electrical and Electronics Systems Design and Product Development	8th to 13st September 2008.	BMSCE
4	Workshop	Wireless sensors and Applications	17th September 2008.	Intrinsic
5	TEQIP Sponsored one week workshop	DSP Practice using TMS320C54X Processor	10th to 14th November 2008	BMSCE
6	Training	“Lab View Instruments	22nd and 23rd December 2008.	BMSCE
7	QIP Sponsored	“Modern teaching methods”	20th to 24th July 2009	BMSCE
8	MHRD Sponsored one week training	“Hands on experience of VI applications in engineering and technology”	7th – 13th December 2009.	NIT, Warangal
9	TEQIP-11 sponsored FDP	“Overview of 3G and 4G wireless communication”	May 27 th to June 1 st	BMSCE
10	TEQIP-11 sponsored FDP	signal processing using MATLAB and SIMULINK	8th to 13th July, 2013	BMSCE

11	Workshop	workshop on “Indian technology congress	24th to 25th July, 2013	NIMHANS, Convention Centre, Bangalore
12	MHRD Sponsored two week training	Signals and Systems	2 nd to 12 th Jan,2014	BMSCE
13	Workshop	NI Communication System design	May 17 th till 21 st may 2016	NI
14	Workshop	Research Avenues in SDR and Cognitive Radio	8 th to 13 th feb 2016	RVCE,Bangalore
15	Workshop	Research Methodologies and Latex	18 th to 20 th March 2015	VTU Regional Office, Bangalore
16	Workshop	Advances in 5G networks and HetNet Technologies	March 20 th , 2017	IISC, Bangalore
17	Short Course organized by IIT kanpur	Cooperative 4G/5G MIMO Wireless Communications	28 th to 30 th December 2016	MSRIT, Bengaluru
18	Workshop	Use of E-Resources for Teaching and Research	4 th and 5 th May 2017	BMSCE in association with VTU
19	MHRD sponsored GIAN FDP	Towards safe cities: mobile and social networking approach	1 st to 6 th June 2018	BMSCE in association with MHRD
20	TEQIP-III sponsored one week FDP	Building scalable CISCO internetworks	4 th to 9 th Jan 2018	Sponsored by TEQIP III and organized by Department of Telecommunication, BMSCE

19. Conference Attended :

Sl.No.	Participation/ Paper presentation	Title of Conference	Date	Venue
1	Paper presentation: ONE	CCCA National Conference	February 2010	Ramakrishna institute of technology, Coimbatore
2	Paper presentation: ONE	International Conference on VLSI and Signal Processing	May 2012.	K.S.Institute of Technology, Bangalore
3	Paper presentation: ONE	C3IT International Conference	February 2009	Academy of technology, Kolkata

4	Paper presentation: ONE	2 nd International conference on MOOC'S, Innovation and technology in education	December 2014	Thapar University, Patiala, Punjab
5	Paper presentation: ONE	International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies – 2017	16 th to 18 th February 2017	Bharath University, Selaiyur, Chennai
6	Paper presentation: ONE	third Regional Conference on Radio Science URSI-RCRS 2017	1 st to 4 th March 2017	NARL, Department of Space, Govt of India, Gadanki, Tirupathi, Andhra Pradesh

22. Courses Handled in the last three years

Sl.No.	Course Code	Course title	Semester	Type: core/ Cluster elective/ Institution Elective
1	12TC6DCITC	Information theory and coding	VI	Core
2	12TC6DCCCN	Computer communication networks	VI	Core
3	10TC7DCMWR	Microwave and radar	VII	Core
4	12ES7GE4MM	Introduction to multimedia concepts	VII	Elective
5	15ES3GCLCA	Linear Circuit Analysis	III	Core