



**Vidyavardhini's College of Engineering and Technology, Vasai**

विद्यावर्धिनीचे अभियांत्रिकी आणि तंत्रज्ञान महाविद्यालय, वसई

Founder President Late Padmashri. H.G. VARTAK

(Approved by AICTE and Affiliated to the University of Mumbai)

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**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING  
CONFERENCE PAPER/ BOOKS/CHAPTER PUBLICATIONS**

Sr No	Names of the teacher	Title of the book/ chapters published	Title of the Paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of Publication	ISBN / ISSN Number of the Proceedings	Affiliating Institute at the time of publication	Name of publisher	Relevant Link
1	Amrita Ruperee		Asynchronous Pilot Transmission with Pilot sequence hopping for Improved Channel Estimation in Massive MIMO System	International Conference on Recent Innovations in Signal processing and Embedded systems (RISE 2017) Jointly Organised by ECE department MANIT Bhopal & ESIEE Paris France from 27 to 29 Oct 2017	International Conference on Recent Innovations in Signal processing and Embedded systems (RISE 2017) Jointly Organised by ECE department MANIT Bhopal & ESIEE Paris France from 27 to 29 Oct 2017	International	2017-18	ISBN-978-1-5090-4760-4/17	VCET/UMIT, Mumbai	IEEE	<a href="http://www.ieeeexplore.ieee.org">www.ieeeexplore.ieee.org</a>



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2	Sunayana Jadhav		Development and analysis of 3-D copula model for statistical dependancies in Wireless Sensor Networks	TENCON-2016, SINGAPORE, 22 - 25 Nov 2016	IEEE International conference	International	2016-17		VCET/VJTI , Mumbai University	IEEE	<a href="http://www.ieeeexplore.ieee.org">www.ieeeexplore.ieee.org</a>
3	Dr. Vikas Gupta, Harish Dixit		Multiphysics analysis of high Power CW Ferrite Phase Shifter Designs for Application in Circulators	PIERS2017	Progress In electromagnetic s Research Symposium, Russia	International	2016-17		VCET	PIERS	<a href="http://www.peirs.org/pie rs2017singapore/">www.peirs.org/pie rs2017singapore/</a>



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4	Dr. Vikas Gupta, Neha Gharai, Harish Dixit		Design of Wideband Lumped Element Circulators	PIERS2017	Progress In electromagnetic s Research Symposium,Russia	International	2016-17		VCET	<a href="http://www.peirs.org/pie rs2017singapore/">PIERS</a>	<a href="http://www.peirs.org/pie rs2017singapore/">www.peirs.org/pie rs2017singapore/</a>
5	Ashish V. Vanmali		An Image Fusion Based Approach For Predicting Growth of Urban Agglomeration	17 <sup>th</sup> Esri India User Conference 2017	17 <sup>th</sup> Esri India User Conference 2017	National	2016-17		VCET / IIT Bombay	Esri India	<a href="http://www.esri.in">www.esri.in</a>



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6	Harish Dixit, Dr. Vikas Gupta		A Multiphysics Analysis of RF Dry Loads	IBSS-2015	IEEE Bombay Section Symposium 2015	National	2015-16	978-1-4673-9542-7	VJTI/VCET	IEEE	<a href="http://www.ieeeexplore.ieee.org">www.ieeeexplore.ieee.org</a>
7	Harish Dixit, Dr. Vikas Gupta		Design Data for Quick Development of folded E-Plane Tee"	IEEE Indicon-2015	12th Annual IEEE India Conference	National	2015-16	978-1-4673-6540-6	VJTI/VCET	IEEE	<a href="http://www.ieeeexplore.ieee.org">www.ieeeexplore.ieee.org</a>



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8	Harish Dixit, Dr. Vikas Gupta		Design of Multiple Ferrite Tile Phase Shifter for Application in High CW Power Differential Phase Shift Circulator	10 <sup>th</sup> Asia Plasma & Fusion Association Conference, Gandhinagar	10 <sup>th</sup> Asia Plasma & Fusion Association Conference	International	2015-16		VJTI/VCET	IOPscience	<a href="http://www.iopscience.iop.org">www.iopscience.iop.org</a>
9	Ashish V. Vanmali		A Novel Approach For Image Dehazing Combining Visible-NIR Images	Recognition, Image Processing and Graphics (NCVPRIPG), 2015	Fifth National Conference on Computer Vision, Pattern	National	2015-16	978-1-4763-8564-0	VCET / IIT Bombay	IEEE	<a href="http://www.ieeeexplore.ieee.org">www.ieeeexplore.ieee.org</a>



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10	Ashish V. Vanmali		Multi-exposure image fusion for dynamic scenes without ghost effect	Twenty First National Conference on Communications (NCC), 2015	Twenty First National Conference on Communications (NCC), 2015	National	2015-16	978-1-4799-6619-6	VCET / IIT Bombay	IEEE	<a href="http://www.ieeeexplore.ieee.org">www.ieeeexplore.ieee.org</a>
11	Amrita Ruperee		Fractional Frequency Reuse to Enhance Down Link Performance in MU Massive MIMO	IEEE WiSPNET 2016	IEEE International conference on wireless Communications , signal processing and networking.	International	2015-16	978-1-4673-9337-9	VCET/ UMIT, Mumbai	IEEE	<a href="http://www.ieeeexplore.ieee.org">www.ieeeexplore.ieee.org</a>



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12	Amrita Ruperee		Improving The Performance of DL Massive MIMO in The Presence of Composite Fading	IEEE International Conference On Recent Trends In Electronics Information Communication Technology, May 20-21, 2016, India	IEEE International Conference On Recent Trends In Electronics Information Communication Technology, May 20-21, 2016, India	International	2015-16	978-1-5090-0774-5	VCET/UMIT, Mumbai	IEEE	<a href="http://www.ieeeexplore.ieee.org">www.ieeeexplore.ieee.org</a>
13	Sunayana Jadhav, Rohin Daruwala		3-D Modeling of Statistically Dependancies using a copulas for Wireless Sensor Network	WiSPNET-2016	IEEE International conference on wireless Communication, signal processing and networking (WiSPNET)	International	2015-16	978-1-4673-9337-9	VCET/VJTI, Mumbai University	IEEE	<a href="http://www.ieeeexplore.ieee.org">www.ieeeexplore.ieee.org</a>



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14	Sunayana Jadhav, Rohin Daruwala,		Fusion Model for Statistically Dependent observations in Wireless Sensor Network	ICCCA2016	IEEE International conference on Computing communication and automation (ICCCA2016)	International	2015-16		VCET/ VJTI, Mumbai University		
15	Neha Gharat		"Biometric Authentication Using Kekre's Wavelet Transform"	International conference and workshop on emerging trends in technologies (Icwet) pp.401406	International conference on Electronic systems, Signal processing, and computing techniques	International	2014-15	978-1-4799-2102-7/14	VCET/ TCET, Mumbai	ICWET	DOI 10.1109/ICESC.2014.22





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16	Dr. Vikas Gupta	Circuit and Transmission Lines					2014-15	978-93-5099-144-2	VCET	Nirali Publications	<a href="http://www.technicalpublications.org">www.technicalpublications.org</a>
17	Sandeep Pawar		Meta- material lens embedded 5.8. GHz Wide Band Patch Antena for wireless communication	5th International conference on communication system and network technologies	5th International conference on communication system and network technologies	International	2014-15	978-1-4799-1797-6/15	VJTI, MUMBAI	IEEE	<a href="http://www.ieeeexplore.ieee.org">www.ieeeexplore.ieee.org</a>



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18	Amrita Ruperee		Achieving Energy Efficiency and Increasing Network Life in Wireless Sensor Network	IACC-2014	IEEE International Advance Computing Conference(IACC -2014)	International	2013-14	978-1-4799-2572-8/14	VCET/ UMIT, Mumbai	IEEE	<a href="http://www.ieeeexplore.ieee.org">www.ieeeexplore.ieee.org</a>
19	Ashish V. Vanmali	Wavelets and Fractals in Earth System Sciences					2013-14	978-1-4665-5359-0 (Print) 978-1-4665-5360-6 (Online)	VCET / IIT Bombay	Taylor & Francis	<a href="https://taylorandfrancis.com/">https://taylorandfrancis.com/</a>



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20	Ashish V. Vanmali		Predicting growth of urban agglomerations through fractal analysis of geo-spatial data	14 <sup>th</sup> Esri India User Conference	14 <sup>th</sup> Esri India User Conference	National	2013-14	978-1-4673-5952-8	VCET / IIT Bombay	Esri India	<a href="http://www.esri.in">www.esri.in</a>
21	Ashish V. Vanmali		Low complexity details preserving Multi-purpose Image Fusion for Images with balanced Exposure	14 <sup>th</sup> Esri India User Conference	14 <sup>th</sup> Esri India User Conference	National	2013-14	978-1-4673-5952-8	VCET / IIT Bombay	Esri India	<a href="http://www.esri.in">www.esri.in</a>