Faculty Profile

Faculty	Dr. Yogesh G S
	Vice Principal and HoD, Dept of ECE
	East Point College of Engineering & Technology
	Profile*
	Dr. Yogesh G S currently working as a Vice Principal and HoD, Department of Electronics & Communication Engineering.He is an eminent academician, senior educationalist.He did BE. in Instrumentation and Electronics Engineering from SIT, Tumkuur, Bangalore University. M.Tech in Digital Communication from BMSCE, Bangalore and Ph.D from VTU Belagavi.. He has received a grant of 2000000/- from Vision Group of Science and Technology(VGST), Govt of Karnataka and 967000/- for CARS project from LRDE DRDO, Govt of India, Ministry of Defence, project, and also received funding from Karnataka State Council for Science and Technology(KSCST), Govt of Karnataka and VTU, Belagavi for guiding student projects. He has published 2 patents and 18 research papers in various International journals. His research interests include Image Processing, Digital Signal processing. He has a teaching and industry experience of 23 years. He is a member in the Advisory Board for various Academics committee and in Industries. He is also member of external expert in advisory committee of LRDE-DRDO. He was panelist for world Robotics Olympiad held in Abu Dhabi, UAE.
	Publications: Totally 18 Publications
	Books
	Journals

	A.	**International Journals**

1. Suresh, YogeshGandasi, and SharanabasaveshwarGangadharayyaHiremath. "An Efficient VLSI Implementation of De-Blocking Filter with CSLA for H. 264.", International Journal of Intelligent Engineering and Systems, Vol.12, No.1, 2019.

2. Yogesh, G. S., and S. G. Hiremath. "Improved De-blocking Filter for Baseline Profile H. 264/AVC."International Journal of Engineering Research & Technology (IJERT), Vol. 6 Issue 07, July - 2017

3. Yogesh GS, Vedavathi G R, S G. Hiremath, "Implementation of five classes of automated ECG Arrhythima classification using KNN Classifier", International Journal of Creative Thoughts, vol.9.2, 2380-2882, 2021.

4. Yogesh GS,Chandrappa D N, Anita R, RajendraSoloni, " Design and simulation Horn Antenna at 2 G Hz with HFSS", IJARCCE, vol.11(1), 2319-5940, 2022.

5. JS, Vandana Shree, G. S. Yogesh, and R. Anita. "Pest Detection and Obliteration Based Robotic System." *Perspectives in Communication, Embedded-systems and Signal-processing-PiCES* 5.11 (2022): 107-109.

6. Chetan,Chandrappa D N, Yogesh GS, "Compact Metamaterial Inspired Triple Band monopole Antenna for wireless Apllications, "JETIR, vol.8, 2349-5162, 2021.

7. Dr. YogeshGS , Design of Double Rectangular slotted Microstrip patch Antenna for wireless communication, JETIR, vol.8, 2021.

8. K.Harshvardhana Reddy, Sachinsharma, Yogesh G S, Sivadasan, "Adaptive based Intelligent controller for Time delay Process, International Conference, ICMTCI.O PP.148, ISBN: 978-81-947738-3-2, 2020.

9. Vedavathi G S, Yogesh G S, "Design and development of automated cardiac Arrhytima classificationusing combined features, ICMTCI.O, ISBN: 978-81-947738-3-2, 2020.

10. K.Harshvardhana Reddy, Sachinsharma, Sivadasan,Yogesh G S, "An overview of vehicular Adhoc networks with its applications, , International Conference, ICMTCI.O,ISBN: 978-81-947738-3-2, 2020.

11. Sachinsharma, Harshavardhana Reddy, Yogesh G S, JayanthiKumari T R, " Performance of vehicular Adhoc Networks in wireless sensor networking, , JETIR, vol.8, 2021.

12. Rashmi A, Yogesh G S, "FPGA Implementation of digital modulation Schemes using Verilog HDL, JETIR, Vol.10, Issue.8.

13. Rashmi A, Yogesh G S, " VLSI Design of Advanced features aes crypto processor for data cryptography", International Journal of Science and Engineering Development Research. Vol.8, Isssue.8 .

Magazines
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Conferences

IEEE International Conferences

1. Yogesh, G. S., and S. Ramachandran. "Context adaptive variable length decoder of H. 264." *2014 International Conference on Communication and Network Technologies*. IEEE, 2014.

2. *Mariapia Rita, Francesca Razzano, Chiara Zarro, Yogesh G S, Silvia Liberata Ullo, "Multitemporal analysis in goolge earth engine for detecting urban changes using optical data and machine learning algorithms", InGARSS-2023 (Accepted for Publication).

	3. *Mariapia Rita, Francesca Razzano, Chiara Zarro, Yogesh G S, Silvia Liberata Ullo, "Integration of sentinel-1 and sentinel-2 data for earth surface classification using machine learning algorithms implemented on google earth engine", InGARSS-2023 (Accepted for Publication). National Conferences: 1. Shweta G Tigadi, Samarth M, Dr. Chandrappa D N, Dr. Yogesh G S, "'ASIC Implementation of Duty Cycle Correction Circuit', NGIEC-2023,EPCET,Bangalore. International Journal of Scientific Research in Science and Technology. 2. Chetan S Chandrappa D N Yogesh G S Sreedharamurthy S K ,"Design of Frequency Reconfigurable Patch Antenna with Metamaterial for Wireless Applications", NGIEC-2023,EPCET,Bangalore.
	Achievements/Awards/Recognitions ● VTU BOE Member ● Panelist for Various International Confernces
	He has totally 2 patents ## Patent 1 **Title:** Real Time Monitoring Approach for Underground Mine Air Quality Pollution Monitoring System Based on IoT Technology **Publication Date:** 17/06/2022 **Application No:** 202241027235 A ## Patent 2 **Title:** Design of a Multicopter unmanned aerial vehicle with advanced capabilities for cognitive tracking and obstacle avoidance **Publication Date:** 14/10/2022 **Application No:** 202241056915A