Annexure -1

Faculty	**Prof. Dr. Jayanthi Kumari T R** **Professor, Dept. ECE** East Point College of Engineering & Technology
	Profile*
	Prof. Dr. Jayanthi kumari T R holds a Ph.D. in Signal Processing from Visvesvaraya Technological University Belagavi, M.Tech degree in Electronics from BMSCE, Bangalore and B.E. degree in Electronics and Communication Engineering from SIT Tumkur. She has 26 years of Teaching Experience and two years of research experience. She also associated in a project entitled "Speech Based Access Agricultural Commodity Prices and Weather Information in 11 Indian Languages/Dialects." Sponsored by Department of Electronics and Information Technology (DeitY), Government of India. She has over more than 40 research publications in refereed International Journals and Conference Proceedings. Her research interests include Speaker recognition, image processing.
	Publications
	Books 1
	• **Name of the book: Electromagnetic fields: Keysight's and concepts** **Publisher:** Scientific International Publishing House Year of Publication:2023
	• Journals • Madhumathi and Jayanthi Kumari T. R., "The implementation of software defined radio receiver using a simple OCT antenna," International journal for Research in Applied Science and Engineering Technology, vol. 3, May-2015 (got best paper award). • Jayanthi Kumari T. R and H. S. Jayanna., "Limited Data Speaker Verification: Fusion of Features," Journal of Electrical and Computer Engineering", vol. 7, no. 6, 2017. (Scopus Indexed) • Jayanthi Kumari T. R and H. S. Jayanna., "Speaker verification under the constraint of limited data," Journal of Information Processing System (JIPS)", 14, no. 4 (2018): 807-823.. (Scopus Indexed) • Jayanthi Kumari T. R and H. S. Jayanna., "i-Vector-Based Speaker Verification on Limited Data Using Fusion Techniques,", Journal of Intelligent Systems 29.1 (2018): 565-582 • Jayanthi Kumari T. R and H. S. Jayanna., "Combination of different features for speaker verification under limited data condition," International Journal of Computer Vision and signal Processing (IJCVSP) 35, 2015. (Scopus Indexed) • Jayanthi Kumari T. R and H. S. Jayanna., "Score Level Fusion of Different Modelling Techniques for Limited Data Speaker Verification," Communicated to international Journal of Signal and Imaging Systems Engineering (IJEEI), Jan 2016 2016, July 2016. (Scopus Indexed) • Anita R, Jayanthi kumari TR, "Design of slotted microstrip patch antenna for WLAN applications," International Journal of Engineering Research and Applications, June 2022, ISSN:2248-9622
	Conferences
	• Jayanthi Kumari T. R.and H. S. Jayanna., "Speaker verification Comparison between GMM and GMM-UBM under limited data condition," proc. ICECIT-2013 (Elsevier), pp. 43-50, Tumakuru, Karnataka, India, Nov-2013. • Jayanthi Kumari T. R and H. S. Jayanna., "Comparison of LPCC and MFCC features and GMM and GMM-UBM modeling for Limited Data

Annexure -2

Speaker Verification," proc.   IEEE ICCIC-2014, pp. 818-823, Coimbatore, Tamilnadu, India, Dec. 2014.

- Madhumathi and Jayanthi Kumari T. R., "The Design of Radio Receiver using OCF Antenna," International conference on communication and computing (ICC 2015), July 2015.

- Jayanthi Kumari T. R. and H. S. Jayanna., "Limited Data Speaker Verification using MFSR Analysis Technique," proc. IEEE ITACT 2015, pp. 177-182, Bangalore, Karnataka, India, Dec-2015.

- Jayanthi Kumari T. R. and H. S. Jayanna., "Combination of System and Source Characteristics for Speaker verification under Limited Data condition," Proc. IEEE CSPA2016), pp. 157-161, Melaka, Malaysia, March 2016.

- Jayanthi Kumari T. R and H. S. Jayanna., "System source and dynamic features for speaker verification for limited data condition," Proc. IEEE WiSPNET 2016, pp. 1458-1461, India, March 2016

- Anjali B. S, Balaji N and Jayanthi Kumari T. R., "A Weapon, Head movement controlled, Auto aiming and Trigger system for rapidly deployable armed Support robots," National conference on recent trends in Electronics and Communications (NCRTEC-2016), Bangalore, Karnataka, India, May 2016.

- Sachin Sharma, K. Harshavardhana Reddy, Yogesh G S and Jayanthi kumara T. R., " Performance Comparsion of Vechicular Ad Hoc Network in Wireless Sensor Networking," National Conference on Next Generation Intelligence in Electronics and Communication Engineering (NGIEC-2021), Proc JETIR 2021, Vol. 8, India, July 2021.

- Master–Slave Robots Using Swarm Intelligence Lecture Notes in Electrical Engineering

- Akash v, N Bhargav Prasad, Ritvik Mishra ,Jayanthi kumari T R.," Smart Digital Clock Display", Conference on International Journal of Engineering Research and Applications, 2022, June, ISSN:2248-9622

Achievements / Awards / Recognitions

Patents
- AN NOVEL METHOD APPROACH OF WIRELESS SENSOR NETWORK AND DELAYTOLERANT NETWORK DEPLOYMENT
- AN INTELLIGENT IOT AUGMENTED REALITY BASED FRAMEWORK FOR HEALTH MONITORING SYSTEM