













- [12] Christian I, Sangman M, Chung I, Lee J. (2012) Spectrum mobility in cognitive radio networks. *IEEE Communications Magazine*, 50(6): 114-121.
- [13] Xuping Z, Jianguo P. (2007) Energy-detection based spectrum sensing for cognitive radio. *IET Conference on Wireless, Mobile and Sensor Networks*: 944-947.
- [14] Lee SH, Oh DC, Lee YH. (2009) Hard decision combining based cooperative spectrum sensing in cognitive radio systems. *International Conference on Wireless Communications and Mobile Computing*: 2009, Leipzig, Germany. 906-910.
- [15] Hou F, Chen X, Huang H, Jing X. (2016) Throughput performance improvement in cognitive radio networks based on spectru prediction. *16th International Symposium on Communications and Information Technologies*: Qingdao, China.
- [16] Wu J, Luo T, Li J, Yue G. (2009) A cooperative double threshold energy detection algorithm in cognitive radio systems. *IEEE International Conference on Wireless Communication, Networking & Mobile Computing*., 1-4. doi10.1109/WICOM.2009.5303377
- [17] Owayed A, Mohammed ZA, Mosa AA. (2010) Probabilities of detection and false alarm in multitaper based spectrum sensing for cognitive radio systems in AWGN. *IEEE International Conference on Communication Systems*: 2010 Singapore. 579-584.
- [18] Verma P, Singh B. (2015) Simulation study of double threshold energy detection method for cognitive radios. *2nd International Conference on Signal Processing and Integrated Networks*: Noida. 232- 236.
- [19] Sengupta A, Chattopadhyay S, Ghatak SR, Biswas V. (2019) Two-Stage spectrum sensing model for varying SNR conditions in cognitive radio network. *International Conference on Electrical, Electronics and Computer Engineering*: ALIGARH, India.