



St. Joseph's Institute of Technology
St. Joseph's Group of Institutions
 OMR, Chennai – 119

Department of Electronics and Communication Engineering
(Accredited by NBA)

FACULTY DETAILS

Staff Name:	Dr. SHANTHAPRIYA R
Designation:	Assistant Professor
Date of Birth:	04-03-1993
Educational Qualification:	M.E., Ph.D
Area of Interest:	Wireless Networks, Security, Wireless Communication.
Years of Experience:	3 years 1 month
Area of Research:	Secure healthcare system using BAN
Publications Details:	<p>Journal Publications:</p> <ul style="list-style-type: none"> Shanthapriya, R., Vaithianathan, V. Block-healthnet: security based healthcare system using block-chain technology. <i>Secur J</i> 35, 19–37 (2022). https://doi.org/10.1057/s41284-020-00265-z Shanthapriya R & Vaithianathan, V. (2019). Secured healthcare monitoring system in wireless body area network using polynomial based technique, 'Polish Journal of Medical Physics and Engineering'. Vol.25, Issue 3, pp. 171-177. https://doi.org/10.2478/pjmpe-2019-0023 <p>Conference:</p> <ul style="list-style-type: none"> R. Shanthapriya and V. Vaithianathan, "ECG-Based Secure Healthcare Monitoring System in Body Area Networks," 2018 Fourth International Conference on Biosignals, Images and Instrumentation (ICBSII), 2018, pp. 206-212, doi: 10.1109/ICBSII.2018.8524714 (IEEE Conference). Shanthapriya R and Martin Leo Manickam, "Secure Health Monitoring in Wireless Body Area Network using 5th order polynomial" in 3rd International Conference on Engineering Technology and Science (ICETS'16), 18-19 March 2016, pp 826-832. Swedaa S, Shanthapriya R, Veronica J, "EAACK – A Secured Intrusion Detection System for MANET" in International Conference on Science, Technology Engineering and Management (ICONSTEM – IREES), 2016, pp 1536-1541.

	<ul style="list-style-type: none"> Swedaa S, Veronica J, Shanthapriya R, “Survey on Vertical Handoff Decision” in National Conference on Recent Trends in Power Electronics and Power Systems (RTPEPS’16), on 3rd May 2016, pp 41-45.
FDP & Workshop Attended Details:	<ul style="list-style-type: none"> 5 Days FDP on “Blockchain Technology – Future of Cyber Security”, by Excel Engineering College, from 18-01-2021 to 22-01-2021. 5 Days FDP on “Precision Healthcare Technology”, by SSN College of Engineering, Biomedical Engineering department from 28.06.2021 to 02.7.2021. 5 Days FDP on “Recent trends in IoT and cyber security” by St. Joseph’s college of Engineering, from 10-08-2020 to 14-08-2020. 1 Day Webinar on “Trending Perspectives of AI in Robotics”, by St. Joseph’s College of Engineering held on 09-07-2020. 1 Day workshop on “Research documentation- LaTeX workshop” by SSN College of Engineering, CSE department on 09-02-2018. 3 Days FDP on “Healthcare with wireless body area networks and its challenges” by SSN College of Engineering, from 20-11-2017 to 22-11-2017.