

Name of the Faculty : Prof. Jobin Varghese
Designation : Assistant Professor
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Education Summary : M.Tech. in Telecommunication Engineering from Mar Baselios College of Engg.& Technology, Trivandrum
B.Tech. from MG University

Area of Interest : Wireless Sensor Networks
MIMO-OFDM
Image Processing
Cryptography

Employment History : : Working as Asst.Professor in Mar Baselios Christian College of Engg.,Peermade from 2016 till date
: Worked as Resesarch Assistant in Council of Scientific and Indutrial Research (CSIR) for GAIL from 2014-2015
: Worked as Asst.Professor in JyothiEnggCollege from 2014-2015.
: Worked as Lecturer in JyothiEngg College from 2010-2012

Journals Published : [1]: JobinVarghese,NishaMenon.K, "Comparison of time-based and SMAC protocols in flat grid wireless Sensor Networks Ver Varying Traffic Density"PakistanJournal of Biotechnol. Vol. 13 (special issue on Innovations in information Embedded and Communication Systems) PP 35 - 39 (2016)(Scopus Indexed,Scimago Ranked with H index 3)
[2]: Jobin Varghese, S.Viswanatha Rao, " Management of Energy in Wireless Sensor Networks with Energy-Starving Sensors", IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) e-ISSN: 2278-1676, p-ISSN: 2320-3331, Volume 9, Issue 2 Ver. IV (Mar - Apr. 2014), PP 81-85.

[3]: Jobin Varghese, Luxy Mathews, "Low Power Area Optimized Novel Architecture for Software Defined Radio in FPGA" Proceedings of IEEE International Conference on "Advanced Communication, Control and computing Technologies"; ISBN No:978-1-47993914-5/14/\$31.00 2014 IEEE, 8-10 May 2014, Syed Ammal Engineering College, Ramanathapuram (Available in IEEE xplora).

[4]: Jobin Varghese, S.Viswanatha Rao, "Energy Efficient Exponential Decision MAC for Energy Harvesting-Wireless Sensor Networks", International Conference on Advances in Green Energy-IEEE, Mar Baselios Engineering College Trivandrum & Swinburne University, Melbourne, Australia. (Available in IEEE xplora).

[5]: Jobin Varghese, S.Viswanatha Rao, "Performance Analysis of Synchronous and Receiver Initiated MAC protocols under varying Traffic Density over Wireless Sensor Networks", Proceedings of IEEE International Conference on Control, Instrumentation, Communication & Computing Technologies, (978 1 4799 4190 2/14/\$31.00©2014IEEE), Noorul Islam University, Kanyakumari, July 10-11, 2014. (Available in IEEE xplora).

[6]: "A subtitle to Indian myth-bird's eye on mysticism" (Prior acceptance from University of Cambridge, UK-History Department)

International/National Conferences / Workshops / Seminars attended

: [1]: All India Seminar on "Environmental Issues in Production Engineering", organized by The Institution of Engineers (IE), Nov. 19-20, 2010

[2] National Workshop on "Signal processing", organized by ISTE, Nov. 26-27, 2010.

[3]: International Conference on "Green Technologies-IEEE", organized by Mar Baselios College of Engg. & Technology, Trivandrum & University of Dayton, Dec.18-20, 2012..

[4]: Workshop on "Network Simulator-NS2", 25-26 April 2014.

Training attended:

: [1]: National Level Faculty Development Program on "Network Management & Security", organized by ISTE, 28-

29 Jan. 2011

[2]: National Level Faculty Development Program on "VLSI" by ISTE, Dec. 15-17, 2011.

[3]: National Level FDP on "Design, Testing and Launching of satellite Systems", organized by ISTE, 6-8 February 2013.

[4]: Attended the 25th Annual Convention of ISTE Kerala Section, 25th Oct 2014.

[5]: Attended a Faculty Development Program by ICT academy of Kerala Nov 12-14, 2014.

Professional Membership

: ISTE Life Membership