

**CELINE MARY STUART**  
**ASSOCIATE PROFESSOR**



**Contact Details**

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**Professional Qualifications**

B-Tech	Specialization	ECE
	Institute/University	Calicut University
	Year	1992
M-Tech	Specialization	Digital Systems and Communication
	Institute/University	NIT Calicut
	Year	2006

**Areas of Interest**

Secure Communication

**Professional Experience**

- **Rajeev Gandhi Institute of Technology, Kottayam – 24.09.1999 to 10.12.1999**
- **Govt. Engineering College, Barton Hill – 13.12.1999 to 18.06.2007**
- **Govt. Engineering College, Kozhikode – 20.06.2007 to 04.06.2009**
- **Govt. College of Engineering, Kannur – 05.06.2009 to 24.07.2014**
- **Govt Engineering College, Kozhikode - 25.07.2014-till date**

## Publications

- Celine Mary Stuart and Deepthi P. P., Article: "A Novel Low Complexity Scheme for Improving Security of NLFG based Symmetric Key Cryptosystem using Secure Concatenated RS-QCLDPC Code". International Journal of Security and Communication Networks – Wiley, 2015, DOI: 10.1002/sec.1215.
- Celine Mary Stuart, Nandan S. and Deepthi P. P., Article: "Low Complex Crypto based Channel Coding with Turbo Code", International Journal of Computer Applications 61(16): 39-44, January 2013.
- Celine Mary Stuart, Deepthi P.P., "Hardware Efficient Scheme for Generating Error Vector to Enhance the Performance of Secure Channel Code", International Conference on Signal Processing, Informatics, Communication and Energy Systems (IEEE SPICES-2015) Feb 19-21, Kerala, India.
- Celine Mary Stuart, Deepthi P.P., "Low Complex System for Physical Layer Security Using NLFG and QCLDPC code", Second International Symposium on Security in Computing and Communications (SSCC-2014), Springer, CCIS Series, September 24-27, New Delhi, India.
- Nandan S., Deepthi P.P., Celine Mary Stuart, "Low Complex Crypto Based Channel Coding", IEEE International Conference on Communication Systems and Network Technologies (CSNT 2012), May 11-13, 2012, Rajkot, India.
- Ashok L, Deepthi P.P., Celine M. Stuart, "Embedding Secrecy in Channel Coding with Low Density Parity Check Codes" pp 236-241, Proceedings of IASTED International Conference on Signal and Image Processing and Applications (SIPA 2011), June 22-24, 2011, Crete, Greece.