

**Ms. Neethu Roy**  
**Assistant Professor**  
**Department of**  
**Information Technology**



[neethuroy19@gmail.com](mailto:neethuroy19@gmail.com)

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**Academic Background:** **B-Tech** (Information Technology), Mahatma Gandhi University, Kerala, 2009.  
**ME** (Computer Science Engineering), Anna University, Tamil Nadu, 2011.

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**Areas of interest:** Cryptography and network security, Database management System, Discrete Structures.

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**Subject handled:** Cryptography and network security, Database management System, Computer Graphics, Software Testing, Real Time Operating System, and Object oriented software Engineering, Discrete Computational Structures.

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**Software Proficiency:** C, C++, Asp.net

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**Experience:**  
**Academics: (7 years and 9 months)**

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January 2011 to Till date

**Assistant Professor**, Department of Information Technology, Ilahia College of Engineering and Technology, Mulavoor, Muvattupuzha, Kerala.

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### **Professional Association Activities**

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#### **Publications:**

1. Published a paper titled "Improve Security of Attribute Based Encryption for Secure Sharing of Personal Health Records" International Journal of Computer Science and Information Technologies, IJCSIT, Vol.5 Issue.5, pp:6315-6317.
2. Published a paper titled "SURE-Based Filter for Flame Detection" International Journal of Scientific and Engineering Research, IJSER, Vol. 5 Issue.8, August-2014.
3. Published a paper titled "PC Snooper – A Secure Service for User Identity Verification" International Journal of Scientific and Engineering Research, IJSER ISSN:2278-0181, Vol.3 Issue.9, September-2014.

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#### **Conferences/Seminars/**

#### **Workshop Participated**

1. Participated in 1 Day Orientation Program on Design SCMS, Karukutty in August 21st 2017.
2. Participated in 5 Day Faculty Development Program on Design Project at Rajagiri School Of

Engineering and Technology, Kakkanad in July 2017.

3. Participated in 1 day training program on discrete structures at Adi Shankara College of Engineering, August 2016.
4. Participated in 1 day training program on discrete structures at Ilahia College of Engineering, July 2016.
5. Participated in 2 days training on CASE lab conducted by IBM at Ilahia College of engineering, July 2013.
6. Participated in 2 weeks ISTE workshop on “Computer Programming” conducted by IIT Bombay at Sree Narayana Gurukulam College of Engineering, Kadayirippu from 16-21 June 2014.
7. Participated in One Day Workshop on Networking Lab organized by Rajagiri college of Engineering on 2013.
8. Participated and presented a paper titled ‘Email Filtering Using Bayesian Anti Spam Filter’.

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**Events Organized/  
Conducted**

1. Two day workshop was arranged on “PHP” conducted by Cogniz Info Tech, Kochi in October 2016.

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2. Organized one day seminar on “Emerging trends in IT” at Ilahia College of Engineering and Technology.

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**Achievements**

Received the "Award of Excellence" for outstanding performance in ICET during academic year 2013-2014, 2016-2017, 2017-2018.

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**Other responsibilities:**

KTU Auditing Department in charge.

Class Advisor

Website Committee Department in charge

PTA in charge.