

**JOHN C JOHN**

**ASSISTANT PROFESSOR**



**Contact Information**

Official Address : DEPARTMENT OF INFORMATION TECHNOLOGY  
GOVERNMENT ENGINEERING COLLEGE BARTON HILL

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### Professional Qualifications

<b>B-Tech</b>	Specialization	Information Technology
	Institute/University	Cochin University of Science & Technology
	Year	2000
<b>M-Tech</b>	Specialization	Information Technology
	Institute/University	IIT Kharagpur
	Year	2012
<b>PhD</b>	Specialization	
	Institute/University	
	Year	

### **Area/Research Interests**

- **Data Mining, Machine Learning, Cloud Security**

### **Professional Experience**

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### **Responsibilities/Position (Department, College and University)**

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### **Publications (Journals/ International Conferences)**

- "Attribute-based Access Control Management for Multi-Cloud Collaboration", John C. John, Shamik Sural and Arobinda Gupta, *Concurrency and Computation: Practice and Experience*, Vol. 29, No. 19, 2017
- "Optimal Rule Mining for Dynamic Authorization Management in Collaborating Clouds using Attribute-based Access Control", John C. John, Shamik Sural and Arobinda Gupta, *IEEE International Conference on Cloud Computing (Short Paper Track)*, Honolulu, USA, pp. 739-742, 2017
- "Authorization Management in Multi-Cloud Collaboration using Attribute-based Access Control", John C. John, Shamik Sural and Arobinda Gupta, *2016 International Conference on Cloud Computing and Big Data (CloudCom-Asia)*, 2016

- "Meeting Cardinality Constraints in Role Mining", P. Harika, M. Nagajyothi, John C. John, Shamik Sural, Jaideep Vaidya and Vijay Atluri, IEEE Transactions on Dependable and Secure Computing, 12(1), pp. 71 - 84, 2015
- "Role Mining under Role-Usage Cardinality Constraint", John C. John, Shamik Sural, Vijayalakshmi Atluri, and Jaideep Vaidya, IFIP International Information Security and Privacy Conference (SEC 2012), Heraklion, Crete, Greece, pp. 150-161, 2012

#### **Achievements/Awards**

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#### **Project/Consultancy**

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#### **FDPs and Workshops attended**

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