

# FACULTY PROFILE

**Bidisha Roy (bidisha.bhaumik.roy@gmail.com)**

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Designation & Post: Associate Professor

Department: Computer Engineering

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❖ Date of Joining the Institute : **01/07/2002**

❖ Education :

1. PhD (pursuing) – Mumbai University
2. M.E – Computer Engineering  
Mumbai University, 2003  
Thesis Title: SNMP Based Multicast Reachability Monitoring
3. B.E. - EXTC  
Mumbai University, 2000  
Project: Code Assist

❖ Total Experience in Years : **14.5 Years (Till date)**

**A. Teaching : 14 Years**

- Associate Professor: 07 years
- Assistant professor: 7.5 years

**B. Industry : 6 months**

- Software Consultant, Nextgenix India Pvt Ltd

❖ Courses Taught:

- Discrete Structures (UG)
- Data Structures and Analysis of Algorithms (UG)
- Web Engineering (UG)
- Theory of Computer Science (UG)
- Advanced Internet Technologies (UG)
- Advanced Algorithms and Complexity (PG)
- E-Business Technology (PG)
- Semantic Web Technologies (PG)

<p>❖ Skill Sets:</p> <ul style="list-style-type: none"> <li>▪ Application software: Rational Rose, Matlab (Basic)</li> <li>▪ Computer language: C, C++, Java</li> <li>▪ Internet Technologies: HTML/DHTML, JavaScript, Servlets, JSP, PHP</li> <li>▪ Database Technologies: Oracle, MySQL</li> </ul> <p>❖ Research Advisor in field of</p> <ul style="list-style-type: none"> <li>▪ Computer Engineering</li> <li>▪ Information Technology</li> </ul> <p>❖ Active Research in</p> <ul style="list-style-type: none"> <li>▪ Web Mining</li> <li>▪ Semantic Web and Ontologies</li> <li>▪ Cloud Computing</li> <li>▪ Computational Intelligence</li> <li>▪ Algorithms and Complexity</li> <li>▪ Educational Technology</li> </ul>	
<p>❖ Publication &amp; Conferences : (Till Date)</p> <p><b>a. Conference</b> International : <b>07</b></p>	<p><b>b. Journal</b> International : <b>06</b></p>
<p>❖ Awards :</p> <ul style="list-style-type: none"> <li>▪ Got First Rank in M.E – Computer Engineering in Thadomal Shahani Engineering College in 2003</li> </ul>	
<p>❖ Professional Memberships : <b>IETE</b></p> <p>❖ Projects Guided :</p> <ul style="list-style-type: none"> <li>▪ M.E Project: <b>07</b></li> <li>▪ B.E Project: <b>40</b></li> </ul> <p>❖ Academic Duties:</p> <ul style="list-style-type: none"> <li>▪ HOD : Department of Computer Engineering (from July 2005 to June 2016)</li> <li>▪ Deputy Presiding Officer for IIT-JEE exam at SFIT</li> <li>▪ Member Academic Advisory Committee St. Francis Institute of technology(SFIT), Mumbai-400103</li> <li>▪ Member Local Management Committee St. Francis Institute of technology(SFIT), Mumbai-400103</li> </ul> <p>❖ Interaction with Professional Institutions :</p> <ul style="list-style-type: none"> <li>▪ University of Mumbai as Examiner and Moderator</li> <li>▪ University of Mumbai as Paper Setter</li> </ul>	

❖ **R&D Activities:**

**A. Workshop, lecture series & Conferences Conducted:**

- R&D lecture series
- National Conference on INFOCOM, 2007
- STTP on “Image Processing Applications: Basics to Advanced”, Jan 2010
- IEEE International Conference CSCITA, April 2014

**B. Invited Talks**

- Research Methodology
- Faculty Development Programme

**C. Continuing Education Programs**

- Two weeks STTP on “Faculty Development Programme”
  - Two weeks STTP on “Open Source Softwares: An effective Way of Managing Engineering Education”
  - One day Seminar on “Software Testing”
  - Two day workshop on “Object Oriented Analysis and Design”
  - Two weeks TEQIP on ”Research Methodologies” from IIT, Mumbai
  - Two weeks TEQIP on “Computer Programming” from IIT, Mumbai
  - Two weeks TEQIP on “Design and Analysis of Algorithms”, from IIT, Kharagpur
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