


# Cluster Innovation Centre



...Evolving Senses  
Dissolving Boundaries...

संकुल  
नवप्रवर्तन  
केंद्र

Title	Ms.	First Name	Twisha	Last Name	Photograph
Designation		Assistant Professor, IT			
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Email		twisha.dhingra@gmail.com			
<b>Educational Qualifications</b>					
Degree		Institution		Year	
M.Tech. (Computer Networks)		YMCA Institute Of Science & Technology		2011	
UG (B.Tech - IT)		Guru Gobind Singh Indraprastha University, Delhi		2009	
<b>Career Profile</b>					
<p><b>1. Technical Associate at Tech Mahindra Ltd.</b>  <b>Roles and Responsibilities:</b></p> <ul style="list-style-type: none"> <li>Worked in R &amp; D Deptt. for implementation 4G-LTE domain and worked for a UK Based client as a Team Lead.</li> </ul>					
<p><b>2. Assistant Professor at Guru Tegh Bahadur Institute Of Technology</b>  <b>Roles and Responsibilities:</b></p> <ul style="list-style-type: none"> <li>Taught C.Sc and IT deptt. Engineering students and was part of the faculty development program in which various workshops were organized for the development of the faculties.</li> </ul>					
<p><b>3. Assistant Professor at Delhi Institute Of Technology, Management &amp; Research</b>  <b>Roles and Responsibilities:</b></p> <ul style="list-style-type: none"> <li>Worked in the C.Sc deptt. organised workshop on Ethical Hacking &amp; Cyber Forensics in collaboration with IEEE and YMCA University.</li> </ul>					
<p><b>4. Senior Technical Trainer(Embedded Systems) at CMC Ltd</b>  <b>Roles and Responsibilities:</b></p> <ul style="list-style-type: none"> <li>Worked at Maharaja Surajmal Institute of Technology whereby trained pre-final year engineering students &amp; guided them for various projects on Embedded Systems &amp; Robotics.</li> </ul>					
<p><b>5. Intern in Bharat Sanchar Nigam Limited (BSNL)</b>  <b>Roles and Responsibilities:</b></p> <ul style="list-style-type: none"> <li>Developed a Phonebook Application for management and retrieval of various records of the company.</li> </ul>					
<p><b>6. Intern in Centre for Development of Telematics (C-DDT)</b>  <b>Roles and Responsibilities:</b></p> <ul style="list-style-type: none"> <li>Developed software for automating generation and updating of worksheets with .Net as its front end.</li> </ul>					

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Administrative Assignments
<ul style="list-style-type: none"><li>Coordinator for E-Business Circuit at Cluster Innovation Centre.</li><li>Member of Innovation Committee at Cluster Innovation Centre.</li><li>Member E-Yantra, IIT Bombay Robotics Group from Cluster Innovation Center.</li><li>Served as Admission Coordinator for Delhi Region at Delhi Institute Of Technology, Management &amp; Research.</li><li>Served as Student Placement Coordinator for M. Tech(all branches) at YMCA, Faridabad</li></ul>
Areas of Interest / Specialization
Computer Networks: Search Engine and Web Crawlers, Page Indexing and Query Prediction System; Embedded Systems & Robotics; E-Education
Subjects Taught
C & C++ Programming, Data Structures, Computer Networks & Advanced Computer Networks, Advanced Computer Architecture, Embedded Systems & Robotics, The Science and Art of Logic and Programming
Publications Profile
<ul style="list-style-type: none"><li>Published a paper "Tracking Migratory Data In Distributed Environment" in an International Conference, published in "Journal Of Information Systems &amp; Communication" (Impact Value: 4.57), Volume3, Issue 1 by Bioinfo Publications</li><li>Presented a paper on Embedded System at 6th National Conference on "Information Technology &amp; Energy Management" held on Feb'20-21, 2010 at GLA Group of Institutes, Mathura. It is published in "Information Technology &amp; Energy Management" by Excel India Publishers</li><li>Published a paper in International Journal of Advances in Engineering Research (ijaer), May'2012 issue</li></ul>
Conference Organization/ Presentations (in the last three years)
<ul style="list-style-type: none"><li>Trained faculty members from various colleges on Robotics in association with E-Yantra, IIT Bombay Robotics Group.</li><li>Conducted a workshop on Ethical Hacking and Cyber Forensics at Delhi Institute of Technology, management &amp; Research in collaboration with YMCA University, IEEE, Kaizen Teknik and CyberCure Solution.</li><li>Presented Training Workshop on Embedded Systems to the 2nd year engineering graduates (CS and IT) at Bhagwan Parshuram Institute of Technology, GGSIPU</li></ul>
Research Projects (Major Grants/Research Collaboration)
<ul style="list-style-type: none"><li>Shortlisted for the Asia-Africa Regional Finals 2011 of the Global Social Venture Competition (GSVC). (Among 21 teams selected from across India, China, Taiwan, Bangladesh, Kenya and South Africa). Presenting a plan to help visually challenged persons to recognize colored images through technological innovation</li></ul>
Awards and Distinctions
<ul style="list-style-type: none"><li>Awarded 11th position in Guru Gobind Singh Indraprastha University for Best Project (2008-09) in Information Technology branch.</li><li>Organized "Haze Vista" at Guru Tegh Bahadur Institute of Technology under GATES-2KB, the technical festival of college. The online technical event was awarded the best Technical Event Award</li></ul>
Other Activities
<ul style="list-style-type: none"><li>Undergone 'Certified Information Security Specialist' workshop at Delhi Technological University by CyberCure Solutions and Kaizen Teknik</li><li>Participated in 'Certified Information Security Specialist' Workshop conducted by CyberCure Solutions at IIT Delhi</li><li>Attended various workshops on NS-2 Simulator, Matlab, etc.</li><li>Developed software for the Art of Living for managing participant database, sending SMSs and emails. Conceptualized and developed the software on Visual Basic.Net backend support is provided by the open-source database Firebird</li></ul>

Twisha

Signature of Faculty Member

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