




Faculty Details proforma for College Web-site



Title	Ms.	First Name	Vandita	Last Name	Grover	Photograph
Designation	Assistant Professor					
Address	Department of Computer Science Acharya Narendra Dev College University of Delhi					
Phone No Office						
Email/ Web-Page	vanditagrover@andc.du.ac.in https://sites.google.com/view/vandita-grover/home https://sites.google.com/view/courses-vanditagrover/home					
Educational Qualifications						
Degree	Institution				Year	
M.Sc. Computer Science	Department of Computer Science, University of Delhi				2008	
B.Sc.(H) Computer Science	University of Delhi				2006	
Career Profile						
Associated with the University of Delhi (for various teaching assignments) since 2011 Software Engineer (2008-2011) Aricent Technologies (now Altran)						
Administrative Assignments						
<p>Member of Academic Events Committee of the College since 2019</p> <p>Member of Editorial Committee of the College since 2019</p> <p>Member of the Turing Society (2019-2020), Department of Computer Science</p> <p>Performed Invigilation and Evaluation Duties from time to time</p> <p>Member of Team for College Ranking</p> <p>Member of CS Department Admission Committee (since 2019)</p>						
Areas of Interest / Specialization						
Machine Learning, Sentiment Analysis						
Subjects Taught						
<ol style="list-style-type: none"> 1. Programming Fundamentals 2. Data Structures 3. Data Communication and Computer Networks 4. Network Programming & Administration 5. Information Security 6. Information Security & Cyber Laws 7. Theory of Computation 8. DBMS 9. Operating Systems 						

Research Guidance
Publications Profile
<ol style="list-style-type: none"> 1. Exploiting Emojis in Sentiment Analysis: Grover, Vandita. "Exploiting Emojis in Sentiment Analysis: A Survey." <i>Journal of The Institution of Engineers (India): Series B</i> (2021): 1-14. 2. Performance Analysis of IEEE 802.11e EDCA with QoS Enhancements Through Adapting AIFSN Parameter: Grover, Vandita, and Vidusha Madan. "PERFORMANCE ANALYSIS OF IEEE 802.11 E EDCA WITH QOS ENHANCEMENTS THROUGH ADAPTING AIFSN PARAMETER." <i>International Journal of Advances in Engineering & Technology</i> 7.3 (2014): 1060. 3. Study of Security in Wireless Sensor Networks: Grover, Vandita, and Sugandha Gupta. "Study of Security in Wireless Sensor Networks." 4. Survey of Intrusion Detection Techniques in LEACH: Gupta, Sugandha, and Vandita Grover. "Survey of intrusion detection techniques in LEACH." <i>International Journal of Computer Trends and Technology</i> 17.4 (2014): 166-171. 5. Service Differentiation based on Contention Window with Enhanced Collision Resolution LR-WPANs: Grover, Vandita, and Sugandha Gupta. "Service Differentiation based on Contention Window with Enhanced Collision Resolution LR-WPANs."
Conference / Presentations /Workshops
Research Projects (Major Grants/Research Collaboration)
<p>Mentored two students (Prince Malik and Ankit Negi B.Sc. H Electronics 2nd Year) for the ELITE Scholarship Program Project on Software for Editing Multiple Image Document, under the DBT Star College Scheme (2019)</p> <p>Mentored two projects for Innovation Project Lab, under the DBT Star College Scheme (2020)</p> <p>Time Series Stock Analysis during COVID-19 India (Chirag Garg, S Sai Sacheen, B. Sc. H Computer Science 3rd Year)</p> <p>Twitter Sentiment Analysis during COVID-19 India (Mukesh Kumar, B. Sc. H Computer Science 3rd Year)</p>
Awards and Distinctions
Association With Professional Bodies
Other Activities
<p>Resource Person and Co-Convener, "Data Analysis and Visualization of Covid-19 Data using Python" Workshop organized by the Department of Computer Science, Acharya Narendra Dev College, University of Delhi, under the aegis of DBT STAR College Scheme (June 22-26, 2021)</p>

