


Name of Teaching Staff	:	Lynette D'mello	
Designation	:	Assistant Professor Computer Engineering	
Department	:		
Date of Joining the Institution	:	02.07.2012	
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Qualifications with Class / Grade	:	1. M.E. (Computer Engineering), First Class with Distinction, Mumbai University, 2014 2. B.E. (Computer Engineering.), First Class with Distinction, St. Francis Institute of Technology , 2009	
Total Experience in Years	:	12	
Papers Published in Journal:	:	<ol style="list-style-type: none"> <li>1. "CUDA: A programming model for GPU", Lynette Lopes, Stevina Dias, Sherrin Benjamin, Mitchell Dsilva, 2013/3, CSI Students chapter.</li> <li>2. "A comparative study of different data mining algorithms", Shrey Bavisi, Jash Mehta, Lynette Lopes, 2014, International Journal of Current Engineering and Technology.</li> <li>3. "Density based clustering algorithms", Lynette D'mello Harsh shah, Karan Napanda, 2015/11/30, International journal of computer science and engineering.</li> <li>4. "Cryptocurrency: The future of currencies", Karan Nayak, Dhvani Kotak, Lynette D'mello, 2014, International Journal of Computer Technology &amp; Applications</li> <li>5. "A Study of Sequential Pattern Mining Algorithms", Mihika Shah, Lynette D'mello, 2015/11, International Journal of Innovations and Advancement in Computer Science.</li> </ol>	

6. "A Survey on Cross Domain Sentiment Classification Techniques", Kinnari Ajmera, Lynette R D'mello, 2015, International Journal of Computer Science and Information Technologies.
7. Zeal Ganatra, Prof. Lynette Dmello, Riddhi Chavda Conversion of 2D Images to 3D Using Data Mining Algorithm International Journal of Innovations Advancement in Computer Science IJIACS ISSN 2347 8616 Volume 3, Issue 7 September 2014
8. "Hybrid Approach for Query Expansion using Query Log", Lynette Lopes, 2014

International Journal of Applied Information Systems (IJ AIS)

9. "Airline Delay Prediction using Machine Learning and Deep Learning Techniques", Lynette D'Mello, Devansh Shah, Ayushi Lodaria, Danish Jain, 2020/7, International Journal of Recent Technology and Engineering (IJ RTE).
10. "Analysis of Cocke-Younger-Kasami and Earley Algorithms on Probabilistic Context-Free Grammar", Lynette D'mello<sup>4</sup> Palash Anjanial, Shrushti Gangar<sup>2</sup>, Krina Bhimani<sup>3</sup>, 2019/10, International Research Journal of Engineering and Technology (IRJET)
11. "Enhancement in Key Scheduling of AES Algorithm", Lynette Dmello, Vyom Shah, Hitarth Patel, Dharmish Shah, 2016/3, International Journal of Innovations & Advancement in Computer Science IJIACS
12. "Movie Attendance Prediction", Kushal Gevaria, Rijuta Wagh, Lynette D'Mello, 2015/11, International Journal of Computer Applications
13. "Analysis of Skills Required for Placements in the IT Field Using Formal Concept Analysis", Prof.(Mrs)Lynette R. D'mello Kaustubh Nagar, Jamshed Shapoorjee, 2015/9, International Journal of Innovations &

Advancement in Computer Science

14. "Frequent Pattern Mining Algorithms: A Comparative Study," Mr Sahil Modak, Mr Sagar Vikram, Prof(Mrs) Lynette D'mello, International Journal of Innovations & Advancement in Computer Science, Volume 4, Issue 9, 2015

15. "Syntactic Error Correction System", L. Dmello, 2015/12, International Journal of engineering And Computer science.

16. "Study of Temporal Data Mining Techniques", Amit Doshi, Kashyap Bhansali, prof. Lynette D'Mello, 2014/10, International Journal of Engineering Research & Technology (IJERT)

17. "An Overview on Mobile Data Mining", Dmello Lynette Desai Neelmay, 2014/9

International Journal of Engineering Research & Technology (IJERT).

18. "GPU Programming Models", Stevina Dias, Sherrin Benjamin, Mitchell D'silva, Lynette Lopes, 2013/2, International Journal of Engineering Research and Applications (IJERA).

19. "Analysis of Opinion Mining Techniques", Lynette Dmello, AayushShah, Siddharth Shah

20. "Analyzing Facebook patterns using data mining technique", Lynette Dmello, International Journal of Research in Computer and Communication Technology.

21. "A Study on Creation of Human 3D Replica from 2D Images", Lynette D'mello Zeal Ganatra, Riddhi Chavda, International Journal of Innovations & Advancement in Computer Science.

22. "Use of ID3 decision tree algorithm for placement prediction" Hitarthi Bhatt, Shraddha Mehta, Lynette R D'mello, 2015, International Journal of

	<p>Computer Science and Information Technologies</p> <p>23. “Spatial data mining techniques”, Lynette Dmello, 2015/10, International Journal of Emerging technology and Advanced Engineering.</p> <p>24. “Application of Data Mining in predicting a Course for a Student Based on Previous Records, Financial Status and Personality Traits”, Vighnesh Venkatakrishnan , Ishan Shah , Prof. Lynette D’Mello, International Journal of Emerging Technology and Advanced Engineering Volume 5, Issue 10, October 2015</p>
Papers Presented in Conferences	<ol style="list-style-type: none"> <li>1. “Attribute Reduction for Medical Data Analysis Using Rough Set Theory”, Perna Bhavsar, Parth Jhunjhunwala, Lynette D’Mello, 2020/5/6, Advanced Computing Technologies and Applications</li> <li>2. “Stock Price Prediction Using Grammatical Evolution”, Lynette D’Mello, Aditya Jeswani, Janice Johnson, 2020/5/6, Advanced Computing Technologies and Applications</li> <li>3. "Visual and Auditory Assistant for people with various cognitive impairments", H. Gala, J. Hirpara, M. Shah, J. Shah and L. D'Mello, 2021 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICCES), 2021, pp. 1-7, doi: 10.1109/ICSE S52305.2021.9633918.</li> <li>4. “ChaDRaL: RGB Image Encryption based on 3D Chaotic Map, DNA, RSA and LSB”, Nirali Parekh; Lynette D’Mello, 2021 International Conference on Artificial Intelligence and Machine Vision (AIMV), DOI: 10.1109/AIMV53313.2021.9670921</li> <li>5. “A novel dual model approach for categorization of unbalanced skin lesion image classes”,</li> </ol>
Area of Specialization	<ol style="list-style-type: none"> <li>6. “A Novel Dual Model Approach For Categorization Of Unbalanced Skin Lesion Image Classes”, Shrey Dedhia, Siddharth Trivedi, Siddharth Salvi, Jay Jani, Lynette D’mello, ICCVBIC 2021</li> </ol>

PhD Guide ? Give field & University	:	<b><u>Field:</u></b> <b><u>University:</u></b>	
PhDs / Projects Guided	:	<b><u>PhDs :</u></b> <b><u>Projects at Masters level:</u></b>	
Books Published / IPRs / Patents	:	Books (Editors for conference Proceedings on Springer)	
Professional Memberships	:		
Grants fetched	:	Minor Research Grant (University of Mumbai)	Received Research grant of Amount Rs.25000/- for the B.E project proposal "Hunt for Exoplanets" in the academic year: 2019-20.



Subjects Taught	<p><b><u>UG Level:</u></b></p> <ol style="list-style-type: none"> <li>a. Discrete structures</li> <li>b. Theory of Computer Science</li> <li>c. C Programming</li> <li>d. C++ Programming</li> <li>e. Java Programming</li> <li>f. Web Design</li> <li>g. Operating System</li> <li>h. System Programming and Compiler Construction</li> <li>i. Computer Graphics</li> <li>j. System Security</li> <li>k. Python programming</li> </ol> <p><b><u>PG Level:</u></b></p>	
Projects Guided	<p><b><u>UG Level:</u> 14 groups</b></p> <p><b><u>PG Level:</u></b></p>	
Recommended Students for Higher Education	<p><b><u>Name of the Student</u></b> More than 50+ students recommended</p>	<p><b><u>University/Industry</u></b></p>
Institute/Department Responsibility handled:	<ol style="list-style-type: none"> <li>1. Admission Committee <ol style="list-style-type: none"> <li>a. Admission room duty</li> <li>b. Form filling</li> <li>c. Incharge(DSE admission round)</li> </ol> </li> <li>2. NAAC website team</li> <li>3. Examination Committee(Core Committee) (Academic year: 2016-17)</li> <li>4. Examination Committee(Core Committee) (Academic year: 2017-18)</li> <li>5. Examination Committee(Core Committee) (Academic year: 2018-19)</li> <li>6. F.E. Mentor (Academic Year: 2016-17)</li> <li>7. F.E. Mentor (Academic Year: 2015-16)</li> <li>8. Time-table committee Member(Academic Year: Jan-June 2016)</li> <li>9. Time-table committee Member(Academic Year: July 2016- May 17)</li> </ol>	
Pedagogy Development		