


Name of Teaching Staff	: Stevina Correia	
Designation	: Assistant Professor	
Department	: Information Technology	
Date of Joining the Institution	: 02-07-2012	
Email ID	: stevina.dias@djsce.ac.in	
Office Contact	: 022 4233 5000; Extension: 111226	
Google Scholar Link	: https://scholar.google.com/citations?user=qDY3Cl8AAAAJ&hl=en	
Scopus Link	: https://www.scopus.com/authid/detail.uri?authorId=57208582669	
Researchgate Link:	: https://www.researchgate.net/profile/Stevina-Correia	
ORCID	: https://orcid.org/my-orcid?orcid=0000-0001-6915-9712	
Publons Researcher ID	: https://publons.com/researcher/4916553/stevina-correia/	
Vidwan Profile URL	: https://vidwan.inflibnet.ac.in/profile/302662	
Qualifications with Class / Grade	: M. E (Computers) from Thadomal Shahani Engineering College, Bandra in 2014 with 72.97%	
Total Experience in Years	: 14 years	
		<ol style="list-style-type: none"> 1. Working as an Assistant Professor at Dwarkadas J. Sanghvi College of Engineering from 02/07/12. 2. Worked as a lecturer at St. John College of Engineering and Technology from 07/07/10 - 07/07/11. 3. Worked as a lecturer at Vidyavardhini's College of Engineering and Technology from 17/07/09 - 30/06/10 and 10/08/08 - 30/06/09.
Papers Published in International Journals:	:	<ol style="list-style-type: none"> 1. Jainam Rambhia, Manan Doshi, Rashi Lodha, Stevina Correia. "Real Time Indian Sign Language Recognition using Deep LSTM Networks", Volume 11, Issue I, International Journal for Research in Applied Science and Engineering Technology (IJRASET) Page No: 1041-1045, ISSN : 2321-9653, www.ijraset.com 2. Soham Desai, Shlok Asher, Het Patel, Stevina Correia. "PRICE PREDICTION AND BUSINESS ANALYSIS WEB-APPLICATION FOR ENTREPRENEURS", International Journal of Engineering Development and Research (IJEDR), ISSN:2321-9939, Vol.10, Issue 9, pp.c922-c932, September 2022, URL :http://www.ijedr.org/papers/IJCRT2209362.pdf 3. RishabhNevatia, Nishant Dave, Meet Shah, Stevina Correia. "<i>Lip Reading: Delving into Deep Learning</i>", Volume 9, Issue IX, International

Journal for Research in Applied Science and Engineering Technology (IJRASET) Page No: 1555-1561, ISSN : 2321-9653, www.ijraset.com.

4. Aryan Ringshia, Neil Desai, UmangJhunjhunwala, Ved Mistry, Stevina Correia. "*Blood Bank Management System to Establish Link between Donors and Blood Banks*", Volume 9, Issue VIII, International Journal for Research in Applied Science and Engineering Technology (IJRASET) Page No: 1556-1563, ISSN : 2321-9653, www.ijraset.com.
5. Rohit Jain, SauravKabra, TapenduBera, Prof. Stevina Dias. "A Review on Gesture-To-Voice Recognition System based on Facial Expressions & Hand Gestures" International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 9 Issue I Jan 2021- Available at www.ijraset.com.
6. Mohd Faisal MohdSadique ,Sumeet Darji , SauravRajwani , Stevina Correia, "A Review on Decentralization Protocols for Social Media Application" International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 8, Issue 12, December-2020, Impact Factor: 7.429, Available online at: www.ijaresm.com
7. Co-existence of Privacy and Security of Minors on Social Networks Dhruv Mehta, Neelam Gujar, Preet R. Shah, Prof. Stevina Dias. "Co-existence of Privacy and Security of Minors on Social Networks", Volume 8, Issue XII, International Journal for Research in Applied Science and Engineering Technology (IJRASET) Page No: 667-671, ISSN : 2321-9653, www.ijraset.com
8. Jay Chatwani , Ansh Shah , Stevina Correia, "FoodPool – An application to pool food orders", International Journal of Modern Trends in Engineering and Research (IJMTER) Volume 07, Issue 04, [April-2020] ISSN (Online):2349–9745 ; ISSN (Print):2393-8161
9. Jay Chatwani , Ansh Shah , Stevina Correia, "FoodPool An Android Application to Pool Orders", International Journal of Recent Trends in Engineering & Research (IJRTER) Volume 06, Issue 04; April - 2020 [ISSN: 2455-1457]
10. TilakSatra , Manali Shah , Ajay Lad , Prof. Stevina Correia, "Voice and Gesture based App for Blind", International Journal of Recent Trends in Engineering & Research (IJRTER) Volume 06, Issue 03; March - 2020 [ISSN: 2455-1457], DOI:10.23883/IJRTER.2020.6018.XPQXM
11. Neha Udeshi, Nemil Shah, Urvi Shah, Stevina Correia, "DETECTION AND ANALYSIS OF STRESS LEVELS", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P-ISSN 2349-5138, Volume.7, Issue 1, Page No pp.595-599, March 2020, Available at : <http://www.ijrar.org/IJRAR2001942.pdf>

12. Ankit Patel, Yash Nanda, Stevina Correia, "Credit Card fraud detection", presented in Journal of Emerging Technologies and Innovative Research (JETIR), June 2019, Volume 6, Issue 6
13. Harsh Salvi, Avdhi Shah, Manthan Mehta, Prof. Stevina Correia, "Long Short-Term Model for Brent Oil Price Forecasting", presented in International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.177 Volume 7 Issue XI, Nov 2019
14. Akshita Lakkad, Deep Sanghavi, Vidhi Shah, Prof. Mrs. Stevina Correia, "Trends Identification and Analysis of Popular Technologies Using Topic Modelling", presented in International Journal of Emerging Technologies and Innovative Research, June 2019, Volume 6, Issue 6
15. Prof. Stevina Correia, Harsh Chheda, VivekVora, ParthVelani, "Food Quantity Prediction - A system that predicts the quantity of particular food item to be prepared", published in International Journal of Innovative Research & Studies, VOLUME 8, ISSUE VI, JUNE 2018
16. Ananta Arora, Chinmay Patil, Stevina Correia, "Opinion Mining: An Overview", published in International Journal of Advanced Research in Computer and Communication Engineering, Vol. 4, Issue 11, November 2015, pp 94-98.
17. Pooja Shah, Neha Katre, *Stevina Dias*, "GPS Aided Photo Search System (IGAP)", published in International Journal of Advanced Research in Computer Science and Software Engineering, Volume 4, Issue 12, 26th - 30th December- 2014
18. Stevina Dias, Jayant Gadge, "Identifying Informative Web Content Blocks using Web Page Segmentation", published in International Journal of Applied Information Systems, April, 2014.
19. Niyati Shah, Pooja Shah, Ankita Malani, Neepa Shah, *Stevina Dias*, "Mining Tool for Educational Purposes", published in International Journal of Advanced Research in Computer Science and Software Engineering, Volume 3, Issue 9, September 2013
20. Chirag Mandot, VinitMuchhala, DishaKanabar, Abhijit R. Joshi, Stevina Dias, "Calculating discount on premium for car driver using Rashness Index Calculator", published in International Journal of Scientific and Engineering Research, Volume 4, Issue 7, July 2013
21. *Stevina Dias*, Sherrin Benjamin, Mitchell D'silva, Lynette Lopes, "GPU Programming Models", published in International Journal of Engineering Research and Applications, Volume 3, Issue 1, January -February 2013, pp 225-230.
22. *Stevina Dias*, Sherrin Benjamin, Mitchell D'silva, Lynette Lopes,

	<p>“CUDA: A Programming Model for GPU”, published in Protocol: CSI Students Chapter DJSCOE, Volume 6, March-2013</p>
<p>Papers Presented in International Conferences</p>	<p>:</p> <ol style="list-style-type: none"> 1. N. Dave, V. Vinze, J. Dhami, N. Katre and S. Correia, "Study of Group Equivariant Convolutional Networks For Image Classification," <i>2021 International Conference on Advances in Computing, Communication, and Control (ICAC3)</i>, 2021, 7th Edition (3rd and 4th December 2021) pp. 1-5, doi: 10.1109/ICAC353642.2021.9697298. 2. M. A. Qureshi, T. S. Chaudhery, R. Patil and S. Correia, "Honest Grade - An Online Education Platform," <i>2021 Smart Technologies, Communication and Robotics (STCR)</i>, 2021, pp. 1-4, doi: 10.1109/STCR51658.2021.9589013, 09 – 10 October 2021 Sathyamangalam. 3. R. Shah and S. Correia, "Encryption of Data over HTTP (Hypertext Transfer Protocol)/HTTPS (Hypertext Transfer Protocol Secure) Requests for Secure Data transfers over the Internet," <i>2021 International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT)</i>, 2021, pp. 587-590, doi: 10.1109/RTEICT52294.2021.9573978, August 2021. 4. M. P. Jain, S. Sribash Dasmohapatra and S. Correia, "Mental Health State Detection Using Open CV and Sentimental Analysis," <i>2020 3rd International Conference on Intelligent Sustainable Systems (ICISS)</i>, 2020, pp. 465-470, doi: 10.1109/ICISS49785.2020.9315984. 5. NEHA UDESHI, NEMIL SHAH, URVI SHAH, AND PROF. STEVINA CORREIA, “DESTRESS IT - DETECTION AND ANALYSIS OF STRESS LEVELS”, presented in INTERNATIONAL CONFERENCE ON DATA INTELLIGENCE AND COGNITIVE INFORMATICS (ICDICI-2020 Springer Conference) on 8th July, 2020. 6. TILAK SATRA, MANALI SHAH, AJAY LAD, AND PROF. STEVINA CORREIA, “VOICE AND GESTURE BASED APP FOR BLIND PEOPLE”, presented in INTERNATIONAL CONFERENCE ON DATA INTELLIGENCE AND COGNITIVE INFORMATICS (ICDICI-2020 Springer Conference) on 8th July, 2020. 7. Priyesh Patel, Krish Parekh, Stevina Correia, Mitchell D’silva, “Comparison of mobile app development technologies and an implementation of a hybrid app using Ionic framework”, presented in <i>2019 International Conference on Computer Communication and Informatics (ICCCI -2019)</i>, Jan. 23 – 25, 2019, Coimbatore, INDIA 8. R. Patel, J. Dhakad, K. Desai, T. Gupta and S. Correia, "Hand Gesture Recognition System using Convolutional Neural Networks," <i>2018 4th International Conference on Computing Communication and Automation (ICCCA)</i>, 2018, pp. 1-6, doi: 10.1109/CCAA.2018.8777621. 9. B. Shah, V. Agarwal, U. Dubey and S. Correia, "Twitter Analysis for

		<p>Disaster Management," 2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA), 2018, pp. 1-4, doi: 10.1109/ICCUBEA.2018.8697382.</p> <p>10. D. Shah, V. Shah, S. Busa and S. Correia, "ALLIO-All in One Multithreaded Server," 2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA), 2018, pp. 1-5, doi: 10.1109/ICCUBEA.2018.8697691.</p> <p>11. <i>Stevina Correia, Pratilkanani, Nidhi Patel, DimpiDhedia, kavitaSoni, presented a paper on "Infant Growth Tracker" at the 3rd International Conference on Computing, Communication, Control and Automation (ICCUBEA 2017) organized by PimpriChinchwad College of Engineering, Pune and IEEE Pune Section on 17th and 18th of August 2017</i></p>				
Book Chapter		<p>1. Riddham Ghadia, Kashvi Dhedia, Saloni Dagli, Shivam Kejriwal, Stevina Correia,"A New Proposed Sorting Algorithm using Radix Tree and Binning", accepted in ANTIC-2021 and submitted for publication as a book chapter in the Edited Book titled "Research Advances in Network Technologies" to be published by the CRC Press (Taylor & Francis Group) publisher.</p>				
Area of Specialization		Security, programming, mining, machine learning, algorithms.				
PhD Guide? Give field & University	:	<table border="1"> <tr> <td>Field:</td> <td></td> </tr> <tr> <td>University:</td> <td></td> </tr> </table>	Field:		University:	
Field:						
University:						
PhDs / Projects Guided	:	<table border="1"> <tr> <td>PhDs :</td> <td></td> </tr> <tr> <td>Projects at Masters level:</td> <td></td> </tr> </table>	PhDs :		Projects at Masters level:	
PhDs :						
Projects at Masters level:						
Books Published / IPRs / Patents	:	<table border="1"> <tr> <td>Books (Editors for conference Proceedings on Springer)</td> <td>1. MEET SHAH, NISHANT DAVE, RISHABH NEVATIA, STEVINA CORREIA, Copyright registered for the class of work Computer Software titled "Unmute the muted" with diary number 10910/2022-CO/SW.</td> </tr> </table>	Books (Editors for conference Proceedings on Springer)	1. MEET SHAH, NISHANT DAVE, RISHABH NEVATIA, STEVINA CORREIA, Copyright registered for the class of work Computer Software titled "Unmute the muted" with diary number 10910/2022-CO/SW.		
Books (Editors for conference Proceedings on Springer)	1. MEET SHAH, NISHANT DAVE, RISHABH NEVATIA, STEVINA CORREIA, Copyright registered for the class of work Computer Software titled "Unmute the muted" with diary number 10910/2022-CO/SW.					
Professional Memberships	:					
Grants fetched	:	<table border="1"> <tr> <td>Minor Research Grant (University of Mumbai)</td> <td></td> </tr> </table>	Minor Research Grant (University of Mumbai)			
Minor Research Grant (University of Mumbai)						

Interaction with Professional Institutions	: Guest Lectures: Other Achievements and Responsibilities:	<ol style="list-style-type: none"> 1. Delivered an expert session on java and advanced java at Universal College of Engineering 2. Successfully completed a 8-week NPTEL course on ‘Data Mining’ with an Elite + Gold certificate. Was in the top 2% out of 4368 candidates certified in this course. 3. Reviewer of the papers for the 3rd International Conference on Computer Vision and Robotics (CVR 2023) during Feb 24-25, 2023. 4. Successfully completed a 8-week NPTEL course on ‘Introduction to machine learning’ with an Elite certificate. 5. Went as a judge to guide the participants at the 1st National Level Technical Paper Presentation event held at Universal College of Engineering in association with IETE on 23rd September 2014 6. “Twitter Analysis for Disaster Management” presented at the 4th International Conference on Computing, Communication, Control and Automation (ICCUBEA 2018) organized by Pimpri Chinchwad College of Engineering, Pune and IEEE Pune Section on 16th, 17th & 18th August 2018 got the Best Paper (in Session) Award. 7. Got the Best Paper (in Session) Award for “Infant Growth Tracker” presented at the 3rd International Conference on Computing, Communication, Control and Automation (ICCUBEA 2017) organized by Pimpri Chinchwad College of Engineering, Pune and IEEE Pune Section on 17th and 18th of August 2017.
Subjects Taught	: UG Level: Structured Programming Approach using C, Object Oriented Programming using JAVA, Operating System, Design and Analysis of Algorithms, Cryptography and Network Security, Data Mining and Business Intelligence, R Programming, Machine Learning. PG Level:	

Projects Guided	<p>: <u>UG Level:</u></p> <p>AY: 2016-17 Infant Growth Tracker MUSICA</p> <p>AY: 2017-18 ALLIO: All in one multithreaded server Twitter Analysis for Disaster Management</p> <p>AY: 2018-19 Career guide Leaf disease prediction Sleep disorder detection</p> <p>AY: 2019-20 FoodPool: An application to pool food orders Voice and Gesture based App for Blind DESTRESS IT-Detection and Analysis of Stress Levels</p> <p>AY: 2020-21 Co-existence of Privacy and Security of Minors on Social Networks Decentralization Protocols for Social Media Application Gesture-To-Voice Recognition System based on Facial Expressions & Hand Gestures</p> <p>AY: 2021-22 Honest Grade - An Online Education Platform Unmute the Muted.</p> <p>AY: 2022-23 Satellite Image Analysis and Crisis Management Support Vioogle: Surveillance detection and analytical system (offered by Tata Advanced Systems Limited)</p> <p><u>PG Level:</u></p>		
Recommended Students for Higher Education	<table border="1"> <tr> <td data-bbox="469 1532 707 1697">: <u>Name of the Student</u> 50+</td> <td data-bbox="707 1532 1493 1697"><u>University/Industry</u> CMU,UCLA, Georgia, NYU, Cornell etc</td> </tr> </table>	: <u>Name of the Student</u> 50+	<u>University/Industry</u> CMU,UCLA, Georgia, NYU, Cornell etc
: <u>Name of the Student</u> 50+	<u>University/Industry</u> CMU,UCLA, Georgia, NYU, Cornell etc		

Institute/Department Responsibility handled	:	<ol style="list-style-type: none"> 1. Subject coordinator for Object Oriented Programming using JAVA, FYBTech, Sem II. 2. Point of contact for TASL projects taken by BE students for Final Year Projects 3. Project coordinator AY: 2021-22 onwards 4. College level committee member of NBA criteria 7, AY 2022-23 5. Member of the cultural committee AY 2022-23 onwards 6. Coordinator for Honors Program in Information Technology 2022-23 onwards 7. BOS member IT department AY: 2021-22 onwards 8. Timetable coordinator (I.T department) from AY: 2019-20 9. Member of attendance committee from AY: 2019-20 10. Mentorship coordinator AY: 2021-22 and 2022-23 11. Placement coordinator of I.T department (DJSCOE) for AY:2017-18, 2018-19 12. Class in charge 13. Computing lab incharge 14. Member of admission committee
Pedagogy Development	:	