Name of Teaching Staff Designation Department Date of Joining the Institution Email ID Office Contact	: : : : : :	Mrs. Vidya N. Kawtikwar Asst. Professor Computer Engineering 15/07/2015 vidyak@sjcem.edu.in	Photo Passport Size
Qualifications With Class/Grade		ME (Computer Engineering) with first division, pursuing PhD.	
Total Experience in years		18.10 Yrs	
Area of Specialization		Machine Learning, Artificial Intelligence, Theoretical Computer Science	
Google Scholar Link	:	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Vidya+n+Kawtikwar&oq=vidya+n+	
Vidhwaan Portal ID			
ORCID		https://orcid.org/0009-0001-7075-3310	
Papers Published in Journal:	:	1. Mrs.Vidya N.Kawtikwar“Mobile Devices Synchronization”,International Journal of Advanced & Innovative Research,published in IJAIR volume 2 issue 10 on october 2013. 2. Abhishek Mangudkar, Prachi Kshirsagar, Vidya Kawtikwar, Umesh Jadhav “Data hiding Techniques using Stegonography and Dynamic video Generation”, International Journalof Scientific & Engineering Research in Volume 3,Issue 6, June 2012. 3. Vishal Kengar, Sudarshani Jadhav, Neha Limkar, Mandar Ghade, Mrs Vidya Kawtikwar “College Communicator”,International Journal for Scientific Research and Development in volume 3,Issue 1 on March 2015. 4. Khan Madiha,Jadhav Vidya, Uparwat Minal, Gandhi Hardik, Vidya Kawtikwar “Cloud Disk”,International Journal for Scientific Research and Development in volume 3,Issue 1 on March 2015. 5. Vidya N. Kawtikwar, Mhatre Mrunmayee, Shinde Swati, Karadekar Pallavi, Natekar Prasad “people's corner : Complaint automation system”,International Journal for Scientific Research and Development in volume 3,Issue 1 on March 2015. 6. Mrs.Vidya Kawtikwar, Suneel Chauhan,Sweta Chaudhari,Shweta Baranwal “Businfo:Bus Information System”,International Journal of advanced research in Computer Engineering and Technology in volume 5,Issue 4 on April 2016. 7. Hemanth Jills,Saket Jha, Jeffin Philip, Vidya Kawtikwar “IP fast Re route framework”,International Journal of advance research in Science and Engineering in volume 5,Issue 1 on March 2016. 8. Bhairavi Gaddamwar, Laxmi Gopalkrishan Mansi Ghag, Vidya N. Kawtikwar “Image Deblurring of License Plate”,International Research Journal of engineering and Technology in volume 5,Issue 4 on April 2018. 9. Siddhesh Vartak, Bhakti Patil, Viren Randive, Vidya N. Kawtikwar “Fire Detection”,International Journal of Computer Science and Mobile Computing in volume 8,Issue 4 on April 2019. 10. Shweta S. Suryawanshi, Sujata R. Gavali, Sayali M. Ghadi, and Vidya Kawtikwar, “Textile Management System & predicting employee performance using ML,” GIS Science Journal, Scopus Active Journal, U.G.C. CARE Group-II	

		Journal, vol. 8, no. 5, ISSN: 1869-9391, 2021, pp. 253-261. DOI: 20.18001.GSJ.2021.V8I5.21.37090. 11. Nikita Jha, Nakshatra Navrat, Suraj Gupta, and Vidya Kawtikwar, "Nfg: Your Own Newsfeed Generator Using Machine Learning," GIS Science Journal, Scopus Active Journal, U.G.C. CARE Group-II Journal, vol. 8, no. 4, ISSN: 1869-9391, 2021, pp. 1552-1556. DOI: 20.18001.GSJ.2021.V8I4.21.37044. 12. Praveen D. Gond, Ratish M. Patil, Rucha D. Keni, and Vidya N.Kawtikwar, "Forest Knight: A 2D Platform Game" GIS Science Journal, Scopus Active Journal, U.G.C. CARE Group-II Journal, VOLUME 8, ISSUE 5, 2021, ISSN NO : 1869-9391, 2021, pp. 1352-1358. DOI: 20.18001.GSJ.2021.V8I5.21.37206. 13. Anuj Kulkarni, Saish Padave, Satyam Shrivastava, Mrs.Vidya Kawtikwar, "Algorithm Visualizer", International Journal for Research in Applied Science and Engineering Technology, Volume 11.Issue VII,July 23,ISSN No.: 2321-9653, DOI Link: https://doi.org/10.22214/ijraset.2023.54837. 14. Centralized E-Warranty System with Blockchain Security" in June 2024, Volume No. 11, Issue No. 1 of i-manager's Journal on Mobile Applications and Technologies (JMT).
Papers Presented in Conferences		1. "Synchronization in Mobile Devices",International conference ICACACT 2013, PVPPCOE. http://section.iaesoline.com/index.php/IJEEI published in Vol 2 No 1 March 2014. 2. "Emergency Guide",International conference and Workshop on Advance computing (ICWAC-2014). 3. "Scalable Shoulder Surfing Password Authentication System", International conference and Workshop on Advance computing (ICWAC-2014). 4. "Fingerprint Recognition using Minutiae Extraction", Third National conference on Nascent Trends in information and communication Technologies (Equinox 2011). 5. Mrs. Vidya N. Kawtikwar, Gaurav Tiwari, Chiraj Patil, Nitin Pandey, Prashant Tiwari, "Eyes on the Road : A Machine Learning-Based Fatigue Detection System for Safer Driving",proceedings of the International Conference on Inventive Computation Technologies (ICICT 2023),ISBN 979-8-3503-9849-6. 6."Women's Safety Application using Flutter and Dart" at the 4th International Conference on Soft Computing for Security Applications (ICSCSA - 2024) organized by Dhirajlal Gandhi College of Technology, Salem, India during 24-25, September 2024. 7. "Missing Person Identification and Tracking using Deep Learning",12th International conference on Emerging Trends in Engineering and Technology Signal and Information Processing (ICETET SIP-25).
Books Published/IPR/Patents		**Patents** 1) Title: CONCRETE STRUCTURE CRACK AND FRACTURE MONITORING SYSTEM ,1. Dr. Nilesh Deotale 2. Vidya Kawtikwar 3. Anushka Deepak Thakur, et al. 2) Title: AI BASED DEVICE FOR SPLICING OPTICAL FIBRES, Dr. Nilesh Deotale, 1. Dr. Nilesh Deotale 2. Vidya Kawtikwar 3. Rashmi Bhat, et al. 3)Title: Intelligent Resume Analyzer Computer Device with Integrated Job Recommender and Portfolio Generator, Mrs. Vidya Kawtikwar, Dr. Nilesh Deotale, Ms. Siddhi Jitendra Bari, Mr. Pratham Rakesh Mistry, Mr. Shreyash Uday Narse, Mr. Lobhan Sudhakar Patil **Copyright** copyright on ONLINE CHILD ADOPTION SYSTEM(OCAS).

Professional Memberships with ID		ISTE (LM 116772)	
Grants Fetched		In Academic year 2017-2018 got the Minor Research Proposal grant from Mumbai University of Rs.20, 000/- for the project titled “Self-Balancing robot”.	
Technical/NPTEL certifications		1) Completed NPTEL 12 weeks Certification on “Introduction to Internet of things” (Sep-Dec-2020). 2) Completed NPTEL 8 weeks Certification on “Introduction to Machine Learning” (Jul-Sep-2023).	
Board of Studies member, BoE under any State/ Central University			
Institute/Department Responsibility handled:		Coordinator –NAAC Criteria III Coordinator – Women’s Development Cell/ICC Departmental Exam Coordinator. Departmental Timetable Coordinator. Departmental MIS Coordinator. Departmental project coordinator. Departmental class Advisor.	
M.E./M.Tech/PhD Guide? Give field & University	:	**Field**: **University**:	Computer University of Mumbai

PhDs/Projects Guided	:	**PhDs:** **Projects at Masters level:**	

Interaction with Professional Institutions	:	**Guest Lectures:** **Other Achievements and Responsibilities:**	
Subjects Taught		Artificial Intelligence, Machine learning, Theoretical Computer Science, Operating System, Computer Graphics, Database Management System, Internet Programming. Software Engineering, System programming and compiler construction, Human machine interaction, Microprocessor, Multimedia systems.	