

BIO-DATA



1. **Name** Kavita Ravindra Shelke
2. **Designation** Assistant Professor
3. **Residential Address** A-11, Godavari Bldg, Setor-3, Vashi, Navi-Mumbai
4. **Date of birth** 8 June 1982
5. **Total Experience** 13 Years
Teaching 13 Years
Industrial ---
6. **Qualifications**

Exam	Year	Institution/ University	Branch	Percentage
M.E.	2013	Mumbai University	Computer Engineering	73%
B.E.	2005	Pune University	Computer Engineering	60%
Diploma	2002	MSBTE	Computer Engineering	75%
H.S.C.	1999	Maharastra Board	--	65%
S.S.C.	1997	Maharastra Board	--	72%

7. Employment Record

Institution	Year	Designation
FCRIT, Vashi	July 2011 till the date	Assistant Professor
	August 2007 to June 2011	Lecturer
Amrutvahini College of Engineering	August 2005 to March 2007	Lecturer

8. Need Based Projects developed for institute

Sr. No.	Title of the Project	Institute	Status	Front End Back End used
1.	Conference Management Tool	Council of Vibration Specialists	Ongoing	PHP/ MYSQL
2.	Minor Research Grant Portal	Mumbai University	Completed	PHP/ MYSQL
3.	Online Exam conduction Software	Mumbai University	Completed	Python
4.	Placement Portal	FCRIT, Vashi	Completed	PHP/ MYSQL
5.	Stipend approval system	FCRIT, Vashi	Completed	PHP/ MYSQL
6.	Academic Performance Monitoring System and Students Portal	FCRIT, Vashi	Completed	PHP/ MYSQL
7.	Exam cell System	FCRIT, Vashi	Completed	DOTNET/ SQL Server

9. Research Grants:

Sr. No.	Name of Funding Organization	Type of Grant	Amount (Rs.)	Year	Name of Research Project
1	Mumbai University	Minor Research Grant	Rs. 25,000/-	2015-16	Anti-Theft Tracking and Location Detection Chip
2	Mumbai University	Minor Research Grant	Rs. 40,000/-	2019-20	Development of an IoT-enabled Lamb wave-based real time damage detection system

10. Professional Societies Fellowship / Membership

- Indian Society for Technical Education (ISTE) Membership (LM-94023)

11 Projects guided in UG/PG level

- “Mobile Tracking System” by Mr. Shashank Shekhar, Kalpesh (2013-2014)
- “Design of New Protocol using Cryptographic Algorithm” by Mr. Mehul Patil, Mr. Ashutosh Kharande, Ms. Sonal Shinde (2014-2015)
- “Leap Motion Based Gestural Interface” by Ms. Puthiyaparambil Ann Mary, Mr. P. Mukesh, Ms. Kamble Kajal (2015-2016)
- “Code Checker using ATP” by Ms. Govalkar Priti R., Ms. Chaudhary Lipisha, Ms. Jayanthi Niharika(2015-2016)
- “Cloudbox” by Mr. Amol Bhagawan Ware, Ms. Tejashree Desale, Ms. Anchal Gupta, Ms. Akshata Channawar (2016-2017)
- “Coastline Intrusion Warning System ” by Kartik Jain, Manish Manepalli, Paritosh Nichat, Anurima Padwal (2017-2018)
- “Real -Time fake News Detection” by Snehit Paunikar, Nithin Stephen, Madhura Dumbre, Mohil Palav (2018-2019)
- “Disease Detection using Blood Smear Analysis by Quantification of WBC/RBCs” by Mrinali Sonawne, Ashley Antony, Prajakta Wani, Deepshikha Zutshi (2018-2019)
- “Autonomous Maze Solving Bot using A*Search Algorithm” by Edelquinn Mendes, Terrell Pereira, Sabiya Shaikh (2019-2020)
- “Real -Time Content Moderator” by Animesh S, Anuj D, Cyrus B (2019-2020)
- “Quick Park: An Effective Parking System” by Chinmay Chaudhari, Qais Nadkar, Alan D Souza (2020-2021)
- “Deep Artificial Neural Network based Clear Audio” Advait Gogte, Shreeraj Pawar, Selin Saral Ponraj, Vaishnavi Jadhav (2020-2021)
- “Trust-Aid (Blockchain-based Charity system)” by B.S.Sai Sree, Chiranya Gupta, Yukta Thakur (2021-2022)
- “Air scribble - Character Recognition using Pen Tip” Fernando Edwin Hipson, Shreeraj Pawar, George Sibin Babu, Radley Roy (2021-2022)

12 Short Term Training Programmes/Seminars/Workshop/ FDP attended

- Three Days – Workshop on “Train the Trainer” organized by NTTF at AVCOE, Sangamner from 15th Dec to 17th May 2006.
- One Week – Short Term Training Program on “Component Technology” organized by Department of Computer Engineering at Fr.CRIT, Vashi from 17th Dec to 22th Dec 2007.

- Five Days – Workshop on “Mission 10X” organized Wipro Fr.CRCE, Bandra from 23rd Nov to 27th Nov 2009.
- Six Days – Workshop on “Computer Networking & Security” organized by Department of Computer Technology at VJTI, Matunga from 20th to 25th Dec 2010.
- Six Days – Faculty Development Program on “Communication Skills” organized by Fr.CRIT, Vashi from 3rd Oct to 9th Oct 2013
- Five Days – Short Term Training Program on “Automata Theory and Application” organized by Department of Information Technology at Fr.CRIT, Vashi from 18th Dec to 22th Nov 2013.
- Attended Faculty Development Programme on “Big Data Analytics-Hadoop ” on 15th & 16th April 2015 at Fr.CRIT, Vashi organized by Department of Computer Engineering
- One Week – Short Term Training Program on “Data Science & Big Data Analytics” organized by Department of Computer Engineering at Fr.CRIT, Vashi from 19th Dec to 24th Dec 2016.
- Attended Workshop on “Awareness about Accreditation” under “SHARE AND MENTOR INSTITUTIONS (MAGRADHARSHAN) SCHEME” on 28th July 2017 at VJTI, Matunga.
- One Week – Short Term Training Program on “Machine Learning” organized by Department of Computer Engineering at Fr. CRIT, Vashi from 2nd Jan to 6th Jan 2018.
- One Week – Short Term Training Program on “IoT with Data Science” organized by Department of Computer Engineering at Fr. CRIT, Vashi from 24th June to 28th June 2019.
- One Week – Online Faculty Development Program on “Latex” organized by Department of Computer Engineering at Bharati Vidyapeeth’s College of Engineering for Women, Pune from 11th May to 15th May 2020.
- Five Days – Online Short-Term Training Program on “Recent Trends and Applications of Machine Learning and Deep Learning in IT” organized by Department of Computer Engineering at RAIT, Nerul from 25th May to 29th May 2020.
- Three Days- Online workshop on “NAAC Assessment and Accreditation: A Step by Step by Process” by GATES institute of Technology, Andhra Pradesh from 28th May to 30th May 2020
- One Week – Online Short-Term Training Program on “Blockchain and its Application” organized by Department of Information Technology at VESIT, Chembur from 26th April to 1st May 2021.

13 Short Term Training Programmes/Seminars Organised

- Organized one week graded ISTE-STTP on “Data Science and Big Data Analytics” by Department of Computer Engineering at Fr.CRIT, Vashi from 19th December to 24th December 2016.
- Organized one week online ISTE-STTP on “Blockchain Awareness, Use cases and Challenges” by Dep Department of Computer Engineering at Fr.CRIT, Vashi from 3rd January to 7th January 2022.

14. List of Journal Papers Published

- [1] Mrs.Kiruthika M., Mrs. Kavita Shelke, Mrs. Dakshayani G., *Ontology for Modeling E-Citizenship*, Journal of “Communication and Computer” Vol.9, No.1, Jan-2012
- [2] Mrs. Kavita Shelke, *Classification and Detection of Biological Early Brain Cancer using ANN and Image Processing*, International Journal of Architecture & Mobility (IJCAM), April-2013, ISSN 2319-9229, vol.1, No.6.
- [3] Mrs. Kavita Shelke, *Face Recognition from Group Photograph*, International Journal of Engineering and Innovative Technology (IJEIT) ISSN: 2277- 3754 (Volume-3, Issue-1) Pg.No 265-269.
- [4] Mrs. Kavita Shelke, *Efficient Face Segmentation for Recognition in Group Photographs*, International Journal of Enhanced Research in Management & Computer Applications, ISSN: 2319-7471 Vol. 3 Issue 3, March-2014, pp: (28-33)
- [5] Mrs. Kiruthika M., Mrs. Kavita Shelke, Mrs. Dakshayani G., *Analysis of Virtualization Tools and Techniques* , International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) ,Volume 4, Issue 3, March 2015 ISSN: 2277 -1021. Pg No : 556-560
- [6] Kiruthika M., Shweta Tripathi, Mritunjay Ojha, Kavita S., *Parameter Monitoring for Precision Agriculture* , International Journal International Journal of Research and Scientific Innovation (IJRSI) ISSN 2321 – 2705 Volume 2, Issue 10, October 2015, Pg No: 79-81
- [7] Mr. P. Mukesh, Ms. Puthiyaparambil Ann Mary, Ms. Kamble Kajal, Prof Kavita Selke *Leap Motion Based Gestural Interface for Local and Remote Device* , International Journal of Innovations in Engineering and Technology (IJJET) ISSN:2319-1058, Volume-6, Issue-4, April 2016, Pg.No:58-64
- [8] Ms. Govalkar Priti R., Ms. Chaudhary Lipisha, Ms. Jayanthi Niharika, Prof Kavita Selke *Automated Code checker for Python*

Programme, International Journal of Enhanced Research in Science, Technology & Engineering ISSN: 2319-7463, Vol. 5 Issue 4, April-2016 ,Pg.No.48-56

- [9] Mrs. Kavita Shelke, Mrs. Dakshayani G., “*Survey of Data Security Challenges in the Cloud*”, International Journal of Innovations in Engineering and Technology (IJJET) ISSN: 2319 - 1058, Volume-7, Issue-4, December 2016, Pg.No: 114-120
- [10] Mrs. Kavita Shelke, Mr. Animesh S, Mr. Anuj D, Mr. Cyrus B “*Explicit Content Detection using Faster R-CNN and SSD Mobile Net v2*”, International Research Journal of Engineering and Technology (IRJET) Volume 7, Issue 3, March 2020 ISSN: 2395-0056
- [11] Mrs. Kavita Shelke, Mr. Chinmay Chaudhari, Mr. Qais Nadkar, Mr. Alan D Souza “*Quick Park: An Effective Parking System* “International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) Vol. 10, Issue 3, March 2021 ISSN: 2278 – 1021

15. List of Papers Published in National and International Conferences

- [1] Mrs.Kiruthika M., Mrs. Kavita Shelke, Mrs. Dakshayani G., Mrs. Swati Kinhekar *Honeypots: Analysis of wireless optical broad band access N/w*. In the proceedings of International Conference on Global Computing 2011 held at Sangamner on March 3-4, 2011.
- [2] Mrs.Kiruthika M., Mrs. Kavita Shelke, Mrs. Dakshayani G. Mr.Rahul Jadhav, *Learning System for Indian Languages- Marathi*, International Conference on “ Language Developed & Computing method(ICLDCM-2010) in Karunya University, Coimatore,Tamilnadu, which will be held in Dec 2-3 2010.
- [3] Mrs. Kavita Shelke, Mrs. Dakshayani G. Mr.Rahul Jadhav, “*Smart Towing System Using Mobile Application* “NITS & IIT Kgp -Better things for Better Living 7-11 April 2019
- [4] Mrs. Kavita Shelke, Mrs. Dakshayani G. Mr.Rahul Jadhav, “*Smart Traffic Signal Light Activation System* “NIT Shrinagar-Better things for Better Living 7-11 April 2021

16. International Conference Technical Program Committee Member / Reviewer

- Reviewer, IEEE Technically Co-Sponsored 2nd Biennial International Conference on Nascent Technologies in Engineering (ICNTE 2017) held in 2017 in Mumbai, India (Proceedings published by IEEE Xplore Digital Library), organized by FCRIT, Vashi.
- Reviewer, IEEE Technically Co-Sponsored 2nd Biennial International Conference on Nascent Technologies in Engineering (ICNTE 2019) held in 2019 in Mumbai, India (Proceedings published by IEEE Xplore Digital Library), organized by FCRIT, Vashi.
- Reviewer, IEEE Technically Co-Sponsored 3rd Biennial International Conference on Nascent Technologies in Engineering (ICNTE 2021) held in 2021 in Mumbai, India (Proceedings published by IEEE Xplore Digital Library), organized by FCRIT, Vashi.