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| Name of Teaching Staff | : Prof. Yukti Bandi |  Photo |
| Designation | : Assistant Professor | |
| Department | : Electronics & Telecommunication Engineering | |
| Date of Joining the Institution | : 09.07.2013 | |
| Email ID | : yukti.bandi@djsce.ac.in | |
| Office Contact | : 022-42331242 | |
| Google Scholar Link | : https://scholar.google.com/citations?hl=en&user=uGj3KEEAAA AJ&view_op=list_works&sortby=title | |
| Researchgate Link: | : https://www.researchgate.net/profile/Yukti-Bandi-2/publications | |
| ORCID | : https://orcid.org/my-orcid?orcid=0000-0002-3615-2749 | |
| Publons Researcher ID | : https://publons.com/dashboard/records/publication/ | |
| Qualifications with Class / Grade | : <ol style="list-style-type: none"> 1. M.Tech (Mobile Computing Technology), School of Electronics, DAVV , Indore(M.P.), 1st Class with Distinction 81.38% June, 2010. 2. B.E.(Electronics and Telecommunication), RGTU, Bhopal(M.P.), 1st Class with Distinction, 80%, July 2007. | |
| Total Experience in Years | : Teaching: 11 years <ol style="list-style-type: none"> 1. Assistant Professor in Dwarkadas J. Sanghvi College of Engineering, Vile Parle(W) Mumbai (from 09 July 2013 till date) 2. Lecturer in Thakur College of Engineering and Technology, Kandivli (E), Mumbai (from 11 March 2011 to 30 June 2011) 3. Lecturer in Mandsaur Institute of Technology, Mandsaur (M.P.)(from 29 Sep 2007 to 19 Aug 2008 and 13 July 2009 to 17 April 2010) | |
| Papers Published in Journal: | : <ol style="list-style-type: none"> 1. D Joshi, F Sayed, H Jain, J Beri, Y Bandi, S Karamchandani, A Cloud Native Machine Learning based Approach for Detection and Impact of Cyclone and Hurricanes on Coastal Areas of Pacific and Atlantic Ocean published in Journal of University of Shanghai for Science and Technology, ISSN: 1007-6735 | |
| Papers Presented in Conferences | : International: 7 <ol style="list-style-type: none"> 1. Kalpesh Chaudhary, Soham Deshpande, Vrushket Baswant, Chaitanya Shintre and Yukti Bandi, ” Baymax – The Healthcare Robot”, Published in the proceedings of 2021 2nd International Conference for Emerging Technology (INCET) by IEEE Xplore 2. PT Thakar, N Shah, R Shah, V Sharma, Y Bandi, Antenna-Based RF Energy Harvesting, published in Proceedings of International Conference on Wireless Communication, 481-491 | |

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| | <ol style="list-style-type: none"> 3. S Ail, B Chauhan, H Dabhi, V Darji, Y Bandi, Hand gesture-based vocalizer for the speech impaired, published in Proceedings of International Conference on Wireless Communication, 585-592 4. AS Revathi, SH Karamchandani, Y Bandi, D Hinger, Histogram Modified Reversible Data Hiding based on Canny Edge Detection and Prediction Error expansion published in International Journal of Computer Applications 975, 8887 5. S Karamchandani, AG Ambekar, Y Bandi, Multi-focus Image Fusion using Digital Negative, published in International Journal of Computer Applications 975, 8887 6. P Thakar, N Shah, R Shah, V Sharma, Y Bandi, RF Energy Harvesting System Using Monopole Antennas published in the proceedings of 2019 IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT) by IEEE Xplore 7. Yukti Bandi , Subvocal Speech Recognition System based on EMG Signals ,Ipublished in the proceedings of International Conference on Computer Technology (ICCT 2015) by International Journal of Computer Applications (0975 – 8887) |
| Area of Specialization | Signal & Image processing |
| PhD Guide ? Give field & University | : Field: ----- University: |
| PhDs / Projects Guided | : PhDs : ----- Projects at Masters level: |
| Books Published / IPRs / Patents | : Books (Editors for conference Proceedings on Springer) Associate Editor of DJ Strike 2018-19, DJ Strike 2019-20, DJ Strike 2020-21 magazine |
| Professional Memberships | : Life time Member of Indian Society of Technical Education (ISTE) LM 125791 |
| Grants fetched | : Minor Research Grant (University of Mumbai) ----- |

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| Interaction with Professional Institutions | : | <p>Guest Lectures:</p> <p>Other Achievements and Responsibilities:</p> <ul style="list-style-type: none"> • Gate Score card • Coordinator of three days webinar series On Machine Learning: Applications in Communication & Signal Processing from 22-24 July 2021 |
| Subjects Taught | <p><u>UG Level:</u></p> <p>Electrical Network Analysis & Synthesis Signal processing Image processing & Machine Vision Data Structures & Algorithms Digital communication Computer Communication Networks Optical Communication</p> | |
| Projects Guided | : | <p><u>UG Level:</u></p> <ol style="list-style-type: none"> 1. Baymax – the healthcare robot 2. Mental health analyzer 3. Smart shopping cart 4. Hand gesture vocaliser for the speech impaired 5. Antenna based RF energy harvesting 6. Water segregation using image processing 7. A study of different biometric techniques to secure big data 8. Automatic railway platform 9. Automated cargo bot using image processing 10. City bus tracking using android application 11. Automated license plate recognition 12. RFID based smart shopping system 13. Brainwaves detection |

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| Recommended Students for Higher Education | <p><u>Name of the Student</u></p> <p>1) Suhrid Subramaniam</p> <p>2) Nigam Shah</p> <p>3) <u>Ishita Sequeria</u></p> <p>4) <u>Niket Nandu</u></p> <p>5) <u>Shaan Shetty</u></p> | <p><u>University/Industry</u></p> <p>University of California San Diego</p> <p>University of Maryland College Park, Maryland, United States</p> <p>Northeastern University, Boston, Massachusetts</p> <p>Northeastern University, Boston, Massachusetts</p> <p>Cornell University, Ithaca, New York</p> |
| Institute/Department Responsibility handled: | <ul style="list-style-type: none"> ➤ DJ Strike IPD Project Coordinator ➤ Technofocus publication coordinator ➤ NAAC Criterion 2 co coordinator ➤ NBA criterion 4 co coordinator ➤ Class teacher | |
| Pedagogy Development | ----- | |