

Profile



- 1. Name of the Faculty Member:-** SUJATA DAGDU JAGTAP
- 2. Designation:-**Lecturer Electronics Engineering
- 3. Date of birth:** 14 May 1983
- 4. Date of joining in the system:** 18 January 2017
- 5. Date of joining at G P Jalna:** 29 June 2019
- 6. Address for correspondence:** My World My Pride Plot No.2, D-5, Flat No. 804, Opposite Airport Chikalhana, Chhatrapati Sambhaji Nagar.
- 7. MOBILE NO:** 7719098791
- 8. EMAIL ID:** sujatadeshmukh.etc@gmail.com
- 9. Area of interest:** Signal, Image and Video Processing.
- 10. Courses Taught:** VLSI Design, Digital Communication System, Mobile Communication System, Control system, Microprocessor, Digital Electronics, Basic Electronics, Fundamental of Power Electronics, Digital Electronics and Microcontroller, Electric Circuits.

11. Academic Qualification:

Sr. No.	Degree	Institute / University	Result & Class	Year of passing
1	B.E.(Electronics and Telecommunication Engineering)	TPCT's College of Engineering Osmanabad, Dr. B. A M University, Aurangabad.	74 .125% First Class with Distinction	July 2007
2	M.E. (Communication Engineering)	M. I. T. Aurangabad, Dr. B A M University, Aurangabad.	61% First Class	Feb 2012
3	Ph. D in Electronics & Telecommunication Engineering	NIELIT, Aurangabad, Dr. B A M University, Aurangabad.	In Progress	

12. Professional Experience:

- 1. Teaching:** 17 Years.

13. Training / Workshop / Conference / Seminar Arranged as Coordinator

Sr. No.	Name of the workshop	Duration/ Date	Beneficiary	No. Of Participants
1.	Introduction To Virtual Lab	One day Workshop, 20/10/2023	Second year Diploma Students of all branch	91 Students
2.	महिला योग शिबिर व आरोग्य मार्गदर्शन	One day, 11/11/2022	All year Diploma girls and Ladies faculty Members	10 Faculty & 59 Girls Students
3.	Energy Literacy Training	Certified Training Course, 11/10/2022	All branch final year diploma students	173 Students
4.	Energy Literacy Training	Certified Training Course, 30/09/2022	All year computer Engineering Students	135 Students
5.	Arduino and Its Application	Two day workshop 07/04/2022 & 08/04/2022	Computer, Mechanical, Electrical Engineering Students	64 Students
6	Workshop on Virtual Lab	One day Workshop, 10/03/2022, 20/03/2022, 21/03/2022, 25/03/2022, 13/09/2022, 19/09/2022, 21/09/2022, 11/10/2022	Second year Diploma Students of all branch	435 students

14. Publications:

1. Sujata D. Jagtap and Dr. Sudhir S. Kanade," Effective Semantic Video Classification Model for Driverless Car", 13 November 2023, **International Journal of Intelligent Transportation System research Springer Journal**, <https://doi.org/10.1007/s13177-023-00370-4>.
2. Dr. puranik Vishal Gangadhar, Dr. Kavita Wagh, Sujata D Jagtap, " A Noval IoT based 5g Ambient Air quality monitor system using Light Scattering Technique" , **German Patent**, Federal Republic of Germany, German Patent Registration of Utility Model No. 20 2023 101 440.

3. Sujata D. Jagtap and Dr. Sudhir S. Kanade, "Improving Run Time Efficiency of Semantic Video Event Classification," 15 December 2022 **International Journal of Intelligent Transportation Systems Research Springer Journal**, <https://doi.org/10.1007/s13177-022-00333-1>.
4. Sujata D. Jagtap and Dr. Sudhir S. Kanade, "Exception Model for Brake Light Detection for Autonomous Vehicles", 24-26 June 2022, **2nd IEEE International Conference on Intelligent Technologies (CONIT) 2022**, Karnataka, India. 978-6654-8407-7/22.
5. Sujata D. Jagtap and Dr. Sudhir S. Kanade , "Car Identification for Brake Light Detection using Haar Cascade Approach" **2021 International Journal of Design Engineering**, ISSN: 0011-9342, Issue 9, Year 202, Pages 3952-3963.
6. Mrs. Sujata D. Jagtap and Mr. Anirudha Deshpande, " Multimedia Segmentation using Normalized Cuts", 26th March 2011 Sabbatical"11 **National Level Conference** organized by Bharat Ratna Indira Gandhi College of Engineering Kegaon ,Solapur.
7. Mrs. Sujata D. Jagtap and Ms. Madhu Mugle," Pattern Detection Based on Boosting Machine Learning Algorithm",13-15 January 2011, iCost 2011 First **International Conference on Sunrise Technologies** organized by Bapurao Deore College of Engineering and polytechnic Dhule in association with JJT University Rajasthan, iCOST proceeding Paper Id 418, page no. CSE-47.
8. Mrs. Sujata D. Jagtap," Multimedia on symbian operating system", 1st and 2nd April 2010, ICSES'10 **International Conference on Science, Engineering and Spirituality** organised by SES College of Engineering Navalnagar jointly with **IEEE Bombay section and computer society**.