CURRICULUM VITAE

Mrs. Ashwini Nitin Jagtap (Shinde).
"Nandadeep" Behind Mahatma Gandhi Vidyalay,
A/P: Vadgaon Haveli
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Career Objective

To build career in an organization having challenging and enthusiastic profile, with an environment that encourage continuous learning and value addition to achieve personal growth along with the organization. To expand new horizons in the technical and research field and will be thrilled to work with new technologies.

Academic Qualification

1. **Ph. D** (Electronics Engineering) (pursuing), Shivaji University, Kolhapur
2. **M. Tech.** Electronics Engineering, 2011-12, Result 8.69 (Ist class with Distinction), Walchand College of Engineering, Sangli (Shivaji University, Kolhapur)
3. **B.E.** Electronics Engineering, 2008-09, Result 73.78% (Ist class with Distinction), P.V.P.I.T. Budhgaon, Sangli (Shivaji University, Kolhapur)

Academic Achievement

1. **Teacher of the Year 2015** (AITRC, Vita)
2. Own **Silver medal** in M. Tech (WCE, Sangli)
3. **Fourth ranker in Shivaji University** (BE ELN)
4. SSC, HSC, SE, TE, BE Topper

Working Experience (7 Years Teaching Experience)

1. Visiting Faculty, Department of Electronics & Telecommunication, Government College of Engineering, Karad. From 5th July 2021 to till date
2. Assistant Professor, Department of Electronics & Telecommunication, Aadarsh Institute of Technology and Research Center, Vita.
3. Assistant Professor, Department of Electronics & Telecommunication, Sanjeevan Engineering and Technology Institute, Panhala.

Subject Taught

Communication Systems, Digital Signal Processing, Embedded System, Microprocessor & Peripherals, Digital Design, Data Structures, IMOR, Electronics Communication Systems

Workshops /FDPs/ STTPs /Seminars Attended/Conducted:

1. Seminar on **"Introduction to CAN-Bus"** M.Tech-I Seminar-I Sept-10 at WCE, Sangli
2. Seminar on **"Introduction to CAN Analyser & VB"** M.Tech-I Seminar-II Feb-11 at WCE, Sangli.
3. Seminar on **"Finger print based biometrics system"**, "VISION2K9" at WCE, Sangli.
4. Conducted Expert Lecture on **"Embedded System and RTOS"**, SETI, Panahala Oct 2013.
5. Participated in **"Embedded Systems"** 1-week workshop conducted in "GCOE, Karad" Dec. 2015.
6. Participated in **"Research Methodology"** 2 days' workshop conducted in "AITRC Vita" March 2016.
7. Participated in **"DSP-MATLAB"** 1 Week workshop conducted by Mr. Ganesh Bhokre March'11 at WCE, Sangli.
8. Participated in **"Image processing"** workshop conducted in WCE sangli.
9. Participated in **"Advanced Control System"** workshop held in WCE sangli.
10. Participated in **"Embedded Systems and VLSI"** workshop held in BVCOE, Kolhapur
11. Participated in **"moodle"** Workshop held in SETI, Panahala.
12. Participated in **"Recent trends in Energy Management"** workshop organized at AITRC vita.
13. Participated in **"Soft Skill Development"** workshop organized at AITRC vita.
14. Participated in project exhibition at GCOE, Karad.
15. Two Week Faculty Development Programme on "**Embedded System and Internet of Things**" organized by Rajarambapu Institute of Technology, Rajaramnagar(AICTE Funded). Nov 2019.

Research Publications

- **International Journals**

1. *"CAN Based Communication Model for Run Time Adaptive System"* Published in GIS Science Journal ISSN: 1869-9391, volume 7, Issue 11, 2020.
2. "*Controller Area Network for Vehicle Automation*" Published in International Journal of Engineering Technology and Advanced Engineering (IJETAE) ISSN: 2250-2459, Feb. 2012(Citation-20).
3. "*Implementation of CAN bus Protocol*" Published in International Journal of Recent and Innovation Trends in Computing and Communication(IJRITCC)ISSN: 2321-8169, June 2014.

4. "Review of Loudspeaker Equalization" Published in International Journal of Innovations In Engineering Research and Technology (IJIERT)ISSN: ISSN 2394-3696, Jan 2016.

5. "Digital Image Forgery Detection Based on SVD" Published in IJRASET

- **E-books**

1. E-book on "*Controller Area Network for Vehicle Automation*" Published in Lap Lambert Academic Publication with ISBN 978-3-659-28494-6.

Professional Memberships

1. Member of IETE: Membership no. AM234053
2. Member of ISTE: Membership no. LM107027

Extra-Curricular/Co-curricular Activities at University/College Level

1. Chief coordinator of one week STTP on "NBA Oriented Advanced Teaching Learning Process" conducted in AITRC, Vita.
2. Contributed as a committee member of "Nirmiti" held in PVPIT, Budhgaon.
3. Contributed as a Cultural committee member of "ADARSHOSTAV 2013, 14" held in AITRC vita.
4. Contributed as a Coordinator of "ASSET-2009" held in AITRC Vita.
5. Contributed as a Coordinator of "PARIKRAMA-13" held in SETI, Panahala.
6. Contributed as a department Coordinator of "CREOWORLD-15,16" held in AITRC vita.

Computer Proficiency

VB, C, C++, 8085, 8086, 8051, PIC16F877, ARM7 Assembly and embedded C Lang.

Academic Projects

Ph. D. Topic: "Studies on Algorithms for service oriented communication in CAN"

M. Tech. Project: "ARM7 based Implementation of CAN Bus Prototype for Vehicle Automation"

Mega Project: "AUTOMATIC AGRICULTURE CONTROLLING SYSTEM"

Operation based on microcontroller 89s52, RTC DS1307, EEPROM etc.

Mini Project: "AUTOMATIC COLOR CHANGING RUNNING LIGHT"

Hobbies: Watching comedy & adventurous movies.

Personal Information

Date of Birth   :   16th January 1988
Marital Status   :   Married
Languages Known :   English, Hindi and Marathi.

Date:

Place:

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Yours Sincerely
(Ms. Ashwini S. Shinde)

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