



# Dattaraj Vidyasagar

## International Robotics Trainer

### Contact

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📍 Ranpise Nagar, Akola

🌐 [www.vsa.edu.in](http://www.vsa.edu.in)  
[www.dsvidyasagar.com](http://www.dsvidyasagar.com)

### Hard Skill

- Industrial Automation and Robotics
- Machine Learning & Artificial Intelligence
- International Robotics Trainer
- Engineering & Ph.D. Projects Consultant
- ATL Lab Faculty Trainer

### Soft Skill

#### Knows Languages

1. Russian
2. French
3. Japanese
4. Sanskrit

### Background

- **A.M.I.E. (Electronics & Telecomm)**

*Associate Member with Bachelor's Degree*

- **Master of Sciences, Electronics & Telecomm., Ohio, U.S.A.**

- **Industrial Electronics & Automation**

*Industrial Electronics & Automation with Robotics*

**Working till today...**

### About

ATL Mentor of Change (MoC-1619) Niti Ayog, Govt. of India,  
Google Certified Educator

39+ Years of Experience in Practical Electronics, Embedded Systems, Robotics & AI and ML

Member of Board of Studies, S.G.B. University, Amravati;  
WordPress Web Developer & Expert in SEO

### Research Work

- Non-destructive tests on sweet fruit flesh firmness and content analysis of carbohydrates
- A methodology to arrive at a definite conclusion for vague, inaccurate, indefinite, noisy or missing input information
- Arduino Uno Based Accident Avoiding System IN Mountainous Area ACROSS U-Turn
- EXCEL-LENT Technological Tool for Enhancement of Quality Learning in Network Analysis
- Fuzzy Logic Methodology: Definite conclusion for vague, inaccurate, indefinite, noisy or even missing information
- RESEARCH JOURNEY
- Black Holes: The veiled beauty in space
- Internal system for RADARs and base stations for monitoring the direction of wind
- Applied Electronics: Bifocal Vocational Electronics Course
- Digital Electronics: Bifocal Vocational Electronics
- Learn Arduino in Easy Steps
- Circuit Tiles - Innovative Method of Teaching & Learning in Theory & Practical Electricity, Electronics & Embedded Systems
- Real Time Simulation of Working of Timer IC 555 using its Internal Block Diagram
- Arduino based Piezo Electric Transducer Sensing Security System
- Circuit Building Blocks - Experimental Findings for 12th Standard Students
- Tricky Situation in Maximum Power Transfer Theorem in Special Case of an Amplifier
- Arduino UNO Based A Across U-Turn
- Use of Silicon over Germanium in the Manufacturing of Semiconductor in LSI & VLSI Technology
- Simple procedures to prepare conductivity cell and pH solution & measure Conductivity AQC Solution

### Achievements

- Expert Author Award from Electronics For You (EFY) & Elektor International Magazines
- Award of Excellence for devising new teaching methodologies in Robotics - EEWB Magazine, USA
- Award of Excellence in Web Designing - BGE Society