

## STAFF PROFILE



**Mr. Jitendra Bhaskar Jawale**

Assistant Professor

Electronics & TeleCommunication

jjawale@aitpune.edu.in

*Date of Joining*  
01/08/2000

*Nature of Appointment*  
Regular

### Educational Details

Qualification	Degree	University	Grade	Year
PG	ME ELECTRONICS	PUNE	6.79	2007
Graduation	BE Industrial Electronics	Amaravati	60	1999
Diploma	Electronics and Communication	Akola	63	1995
Doctoral	Electronics	Aurangabad	6.95	2011

### Areas of Interest

IMAGE PROCESSING , BIOMETRICS, POWER ELECTRONICS, SOLAR ENERGY, ELECTRONICS DEVICES AND CKT. , INTEGRATED CKTS.

### Experience Details

Total : 21.60 years		Teaching : 19.60 years		Research : 0.00 years		Industry : 2.00 years	
Type	Duration/ Period	Designation/ Organisation Name	Brief Job Profile				
Educational	0.60 Years 1999-2000	LECTURER DYPIET	Teaching hardware subject				
Industrial	1.00 Years 1999- 2000	R&D Engineer PSPL Pune	Work as an R& D Engineer, working on Electronics Ballast				
Industrial	1.00 Years 1999- 2000	Customer support executive UPTIME COMPUTER SERVICES, PUNE	SALES AND SERVICES OF COMPUTERS AND PERIPHERALS				
Educational	19.00 Years 2000-2020	Asst Prof AIT Pune	Working as Asst Prof and teaching subjects like semiconductor Low and high power devices				

## Journal Publications

1. Jitendra B Jawale, (2013). Fusion Techniques in Multimodal Biometrics Systems, Applications and Challenges”, . *IJAIST*. 17(17), 662-666.. ISBN/ ISSN No : 2319:2682.
2. Jitendra B Jawale, (2012). The Human Identification System Using Multiple Geometrical Feature Extraction of Ear –An Innovative. *IJETAE*. 2(4), pp662-666. ISBN/ ISSN No : 2682.

## Conference Publications

1. J B JAWALE, (2016). SOLAR PANEL CLEANING BOT FOR ENHANCEMENT OF EFFICIENCY AN INNOVATIVE APPROACH. *ICDCS'16*. 3(1), 103-108. ISBN/ ISSN No : 978-1-5090-2310-3 .
2. J B Jawale, V K Karra, B P Patil, Puneet Singh, Shailender Singh , Saloni Atre, (2016). [Solar Panel cleaning bot for enhancement of efficiency – An innovative approach](#). *IEEE 3rd International Conference on Devices, circuit and system (ICDCS'16)*. -(-), 103-108. ISBN/ ISSN No : -.
3. J B Jawale, V K Karra, B P Patil, Puneet Singh, Shailender Singh , Saloni Atre, (2016). [Solar Panel cleaning bot for enhancement of efficiency – An innovative approach](#). *IEEE 3rd International Conference on Devices, circuit and system (ICDCS'16)*. -(-), 103-108. ISBN/ ISSN No : -.
4. J B Jawale, (2011). “Ear Based Attendance Monitoring system” Proceedings of the . *IEEE International Conference of Emerging Trends in Electrical and Computer Technology, 2011*, pp724-727 . 1(1), 724-727. ISBN/ ISSN No : 2682.
5. J B Jawale, (2011). “Ear Biometrics Based Personal Identification System”,. *Identification System”, IEEE International Conference on computer Engineering and Technology ICCET'10*. 1(1), 1-5. ISBN/ ISSN No : 2319.
6. J B Jawale, (2011). “Ear Biometrics Based Personal Identification System”,. *ICCOS'11*. 1(1), 1-5. ISBN/ ISSN No : 2682.

## Books

1. Jitendra B Jawale, (2010). *Power Devices and Machines*. Nirali. ISBN/ ISSN No : NO ISSN.
2. Jitendra B Jawale, (2009). *Power Electronics*. Nirali. ISBN/ ISSN No : NO ISSN.
3. Jitendra B Jawale, (2008). *Computer Organization*. Nirali. ISBN/ ISSN No : NO ISSN.
4. Jitendra B Jawale, (2008). *Image Processing*. Nirali. ISBN/ ISSN No : No ISSN.

## Patent

1. V K Karra, Pritee Jawale, J B Jawale, (2017). 201721020567. [Vedic mathematical calculator for floating point and complex number operations](#). 08/09/2017, India.
2. Jawale J B, Vijay Karra, B P Patil, Pritee Jawale, (2017). 201721020567. [Vedic mathematical calculator for floating point and complex number operations](#). 08/09/2017, India.
3. B P Patil, J B Jawale, Sweety, Shristhi Rana, Rashmi, Sumit Kumar, (2017). 201721018888. [Liquid Shaker](#). 16/06/2017, India.
4. J B Jawale, Pritee Jawale, B P Patil, (2016). 201621028216. [COST EFFECTIVE SOLUTION FOR MULTIMODAL BIOMETRIC SECURITY OF SOLAR PANEL CLEANING SYSTEM USING ANDROID](#). 02/09/2016, India.
5. JITENDRA BHASKAR JAWALE, PRITI J JAWALE, B P Patil, (2016). 201621025460 A. *Multi level biometric security system for solar panel cleaning bot using personal authentication*. 26/07/2016, India.
6. B P Patil, Jitendra Bhaskar Jawale, Saloni Atre, Shailender Singh Kushwaha, Purnima Gupta, Puneet Singh, Vijay Kumar Karra, (2015). 2662/DEL/2015. *Cost Effective Bot for Cleaning Solar Panel Array*. 28/08/2015, India.

## Copyright

1. Cost Effective Solution for Multimodal Biometric Security for Solar Panel Cleaning System using Android based Tablet/ smart phone, (2019). L80984/2019. [cost effective solution for solar power cleaning system](#). 21/02/2019, indian.

## Research Grants

Title Of Project	Funding Agency	Duration		Sanctioned Amount	Role of Investigator
Cost Effective Solution for Solar Panel Cleaning System	BCUD PUNE	01/08/2016	30/08/2019	180000.00	Co-Investigator

### Consultancy

Title Of Project	Funding Agency	Duration		Sanctioned Amount	Investigator Role
EEG SIGNAL ANALYSIS FOR BRAIN OF MENTALLY RETAIRED PERSON	INDUSTRY	01/08/2019	30/05/2020	50000.00	Co-Investigator
Cost Effective Solution for Solar Panel Cleaning System	KIRTHI AGENCY LATHUR	14/01/2015	30/07/2016	90000.00	Principal Investigator

### Professional Memberships

Society	Membership No	Duration
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### Achievements/ Contribution

Year	Details
2018	Delivered Guest Lecture in AICTE sponsored FDP in Udipur rajastan on solar pannel cleaning system
2018	Recived Best Participant award In AICTE sponsored FDP in Udipur rajastan

**No of PhD Students Guided : 0      No of PG Students Guided : 0**  
**No of PhD Awarded Students : 0**