



- **Personal Details**

<b>Name</b>	Pawar Balasaheb Jagannath
<b>Address</b>	“SmrutiVandan” Cooperative Housing Society, Flat No.-02, Kalanagar, Near Reliance Petrol Pump, Dindori Road, Meri-Mhasarul, Nashik-422003.
<b>Contact No.</b>	7588012633, 9822826053
<b>E-mail</b>	pawar.balasaheb@kbtcoe.org
<b>Date of Birth</b>	10 <sup>th</sup> July 1977
<b>Marital Status</b>	Married
<b>Cast</b>	Hindu-Maratha Kunbi

- **Educational Qualification**

<b>Sr. No.</b>	<b>Year</b>	<b>Board/University</b>	<b>Year of Passing</b>	<b>Class with % of marks</b>
1.	S.S.C.	Pune	1992-93	Distinction 81.85
2.	H.S.C.	Nashik	1994-95	First 68.00
3.	B.E. (E. & Tc.)	N.M.U. Jalgaon	1999-2000	First 62.06
4.	M.E. (Electronics)	Shivaji University, Kolhapur	2011-12	First 60.89
5.	Ph.D. (E & Tc)	Savitribai Phule, Pune	Pursuing	----

- **PG Project on**

“Sensorless Speed Detection and Power Factor Control of DSP based Soft Starter Fed Three Phase Induction Motor”

- **Interested Research Work**

Photovoltaic application in energy conversion for rural development

- **Experience**

**. Industrial .**

Sr. No.	Industry	Duration	
		From	To
1	“ARKLITE Specialty Lamps LTD.”, Chakan, Pune. Manufacturer of Metal Halide Lamps of 150W, 70W and Compact Fluorescent Lamps of 9W, 11W and Ultraviolet Lamps6	11/05/2001	20/06/2003
		2.0	
2	“ASIAN ELECTRONICS LTD.”, Satpur, Nashik. Manufacturer of Electronic Tube Light Ballast	0.6	
3	“LAXTRONICS PVT. LTD.” Ambad, Nashik. Manufacturer of Power Supplies, Inverters, Converters & Leakage Current Testers	20/05/2004	30/11/2004
		0.6	
<b>Total</b>		<b>3.0 Years</b>	

**. Teaching .**

Sr. No.	Institute	Designation	Duration	
			From	To
1	“S.M.E.S. Polytechnic College”, Varvandi Road, Mhasarul, Nashik	Visiting Lecturer	18/12/2004	20/01/2005
			0.1	
2	“N.D.M.V.P.S’s, K.B.T. College of Engineering”, Gangapur Road, Nashik-13	Lecturer Approval wef 9/3/2006 Ref. No. CCO/6898 Dated 25/8/2006& CCO/3285 Dated 10/12/2014	20/01/2005	30/06/2009
		Sr. Lecturer	01/07/2009	31/03/2012
		Asst. Prof.	01/04/2012	Till Date
		17.01		
<b>Total</b>			<b>17.02 Years</b>	

**Total Experience: 20.02 Years**

• **Workshops & Training Attended**

<b>Sr. No.</b>	<b>Date</b>	<b>Topic</b>	<b>Place</b>
1	13 <sup>th</sup> March 2006	E-Waste Management	N.D.M.V.P.S's C.O.E., Nashik
2	12-19 <sup>th</sup> June 2006	Software Defined Radios	J.S.P.M's. C.O.E., Tathawade, Pune
3	25 <sup>th</sup> January 2007	Mobile Computing	N.D.M.V.P.S's C.O.E., Nashik
4	12-13 <sup>th</sup> January 2008	Digital Signal Processing: Fundamentals, Advances & Applications	Sir Visvesvaraya Memorial Engg. College, Chincholi, Sinnar.
5	13 <sup>th</sup> July 2009	Instructional Methodologies for S.E.(Elex/E &Tc Sem-I) syllabi 2008	Sandip Institute of Technology and Research Centre, Nashik
6	12 <sup>th</sup> January 2010	Syllabus Detailing of S.E.(Elex/E &Tc Sem-II)	SGREF'S, C.O.E., Ahmednagar
7	10-11 <sup>th</sup> November 2012	ISTE workshop on Aakash for Education	N.D.M.V.P.S's C.O.E., Nashik
8	04-14 <sup>th</sup> June 2013	Two-week ISTE Workshop on ANALOG ELECTONICS conducted by IIT Kharagpur	K.K.Wagh College of Engineering, Nashik
9	02-07 <sup>th</sup> December 2013	Faculty Orientation Workshop	Cummins College Of Engineering, Karvenagar, Pune
10	14-15 <sup>th</sup> February 2014	Research Methodology	N.D.M.V.P.S's C.O.E., Nashik
11	17 <sup>th</sup> January 2015	Mini Project and Seminar for T.E. E&Tc and Electronics Revised Syllabus 2012 Course	VIIT, Kondhwa Pune
12	21-22 <sup>nd</sup> January 2016	Two days workshop on Overviews, Applications and Designing of Solar Systems	K.K.WaghCollege of Engineering, Nashik
13	27-29 <sup>th</sup> December 2016	Embedded Systems Design using C2000	K.K.Wagh College of Engineering, Nashik
14	17-18 <sup>th</sup> February 2017	CMOS Design using Microwind	N.D.M.V.P.S's K.B.T., C.O.E., Nashik
15	1-5 <sup>th</sup> May 2017	Electric Power System	IIT Kharagpur
16	30 <sup>th</sup> Jan. – 4 <sup>th</sup> Feb. 2017	CMOS, Mixed Signal & Radio Frequency VLSI Design	N.D.M.V.P.S's K.B.T., C.O.E., Nashik

17	4-8 June 2018	Biology for Engineers	IIT Mumbai
18	2 <sup>nd</sup> - 7 <sup>th</sup> Dec. 2018	IoT based Applications	Nakshatra Tracks and Circuits, Nashik
19	9 <sup>th</sup> – 11 <sup>th</sup> August 2019	FDP on Student Induction	MVPS's KBTCOE, Nashik
20	21 <sup>st</sup> Sept. 2019	One day workshop on eSim, a First Course in the IoT Series for Teachers	Bharati Vidyapeeth College of Engg. Thane
21	2 <sup>nd</sup> Oct. 2019	One day Workshop on Solar Ambassador	MVPS's KBTCOE, Nashik
22	25 <sup>th</sup> – 30 <sup>th</sup> April 2020	Online One week Faculty Development Program on "ARDUINO"	JSPM's, RSCOE, Tathawade, Pune
23	26 <sup>th</sup> – 30 <sup>th</sup> May 2020	Online One week Faculty Development Program on Signal, Image and Video Processing: A Practical Approach	Govt. College of Engg, Karad
24	12 <sup>th</sup> – 14 <sup>th</sup> June 2020	Online Faculty Development Programme on "Future Advancement and Applications of IoT"	SIEM, Nashik
25	22 <sup>nd</sup> – 26 <sup>th</sup> June 2020	Online Faculty Orientation Workshop S.E. Revised Syllabus 2019C	SPPU, Pune
26	28 <sup>th</sup> July – 1 <sup>st</sup> August 2020	Online 5 days Faculty Development Program- Student Induction on UHV	AICTE, New Delhi
27	10 <sup>th</sup> – 14 <sup>th</sup> August 2020	Online STTP on "IoT & advanced Power Electronics Applications in Smart Grid"	KKW Engg. Nashik
28	22 <sup>nd</sup> – 27 <sup>th</sup> March 2021	Online STTP on "IoT Simulation by Fog Computing and Edge Computing using Open-source Tools"	Kakatiya Institute of Technology and Science, Warangal
29	25 <sup>th</sup> – 29 <sup>th</sup> April 2021	Online 5-days FDP on "Recent Advancement in AI & Robotics"	D. Y. Patil School of Engg. & Technology, Pune
30	6 <sup>th</sup> – 8 <sup>th</sup> May 2021	3-days online national level FDP on "Electric Vehicles: Present Status and Future Prospects"	MVPS's KBTCOE, Nashik

31	17 <sup>th</sup> – 19 <sup>th</sup> May 2021	Online Workshop on Research Development & Innovation Ethics	MVPS's KBTCOE, Nashik
32	27 <sup>th</sup> - 30 <sup>th</sup> May 2021	Online Workshop on Disruptive entrepreneurship- 2021	MVPS's KBTCOE, Nashik
33	30 <sup>th</sup> - 31 <sup>th</sup> July 2021	Online Faculty Orientation Workshop on TE (E&TC) Revised Syllabus 2019C	SPPU, Pune
34	27 <sup>th</sup> – 29 <sup>th</sup> Jan. 2022	Online Faculty Orientation Workshop on TE (E&TC) Revised Syllabus 2019C	SPPU, Pune

### **Paper Presented**

<b>Sr. No.</b>	<b>Date</b>	<b>Topic</b>	<b>Place</b>
1	03-4 <sup>th</sup> March 2008	Zig-Bee Technology	J.S.P.M's. C.O.E., Tathawade, Pune.
2	05-06 <sup>th</sup> March 2009	Correlation & it's use in Statistical Signal Processing a review	MIT, Aurangabad
3	03-05 <sup>th</sup> March 2010	DSP Based Soft Starter for Three Phase Induction Motor	International Conference on Computational Intelligence Applications at SITRC, Nashik
4	25-27 <sup>th</sup> March 2010	Sensorless Speed Measurement and Phase Angle Control	N.D.M.V.P.S's, C.O.E., Nashik
5	11-12 <sup>th</sup> February 2012	Sensorless Speed Detection and Power Factor Control of Induction Motor	1 <sup>st</sup> International Conference on Computational Intelligence Applications at SITRC, Nashik
6	25-27 <sup>th</sup> February 2015	Sensorless Speed Detection and Power Factor Control of Induction Motor using DSP Processor	4 <sup>th</sup> International Conference on Computational Intelligence Applications at SITRC, Nashik
7	20 <sup>th</sup> – 22 <sup>nd</sup> April 2017	Modular Multilevel Converters: A Review on Topologies, Modulation, Modeling and Control Schemes	International Conference on Electronics, Communication and Aerospace Technology (ICECA 2017), Coimbatore
8	18 <sup>th</sup> – 19 <sup>th</sup> Aug. 2017	Converters: Survey on Power Factor Correction	International Conference on Contents, Computing and Communication at MCE&RC Nashik
9	22 <sup>nd</sup> – 23 <sup>rd</sup> Feb.2019	Auto-tracker Solar based Multilevel Inverter for Medium Power Application	International Conference on Intelligent Systems and Communication Network, Mumbai

10	22 <sup>nd</sup> – 23 <sup>rd</sup> Feb.2019	Smart Three Phase Water Pump Controller	International Conference on Intelligent Systems and Communication Network, Mumbai
11	19 <sup>th</sup> – 20 <sup>th</sup> March 2020	Load Voltage Balancing by Equalization of Conduction Angle in Hybrid MMC	International Conference on Recent Advancements in Technological Evolution, Malegaon

### • Other Activities

- Working as a Dean Student Affairs from the academic year 2016-17 to till date
- Worked as a PAES (Progressive Association of Electronics Students) coordinator from 2006 to 2010
- Arranged technical/non-technical seminars and workshops under PAES for students
- Arranged inter collegiate state level Project Competition from academic year 2008 to 2010 under PAES activity
- Worked as a Sport Coordinator of the institute from academic year 2006 to 2008
- Worked as External/Internal Examiner, Senior Supervisor for theory examination in University of Pune
- Worked as Paper Assessor in University of Pune
- Worked as Project guide for pre-final and final year students in the department
- Worked as a examination coordinator for different competitive examinations like Bank, GATE, CET exams etc.in the institute
- Worked as a System Analyst for Central Assessment Program of Second Year Engineering of Pune University at the institute
- Actively supported in the work as “ShikshanShulkaSameeti” report, AICTE report of the institute
- Worked as a Gathering Sport Coordinator
- Worked as a ARC assistant officer for First Year Engineering Admission
- Actively worked in Direct Second Year Engineering Admission
- Worked as a LMC member for the institute for the period of 2006 to 2012

### • Subjects Taught

Sr. No.	Name of Subject	Class
1	Basic Electronics Engineering	F.E. (Common) (2003,2008 & 2012 pattern)
2	Semiconductor Devices and Circuits	S.E. (E & Tc) (2003 pattern)
3	Electronic Circuits and Applications	S.E. (E & Tc) (2003 pattern)
4	Electronic Devices and Circuits	S.E. (Computer) (2003 pattern)
5	Solid State Devices and Circuits	S.E. (E & Tc) (2008 pattern)
6	Integrated Circuits and Application	S.E. (E & Tc) (2008 pattern)

7	Electronic Design and Practice	T.E. (E & Tc) (2008 pattern)
8	Mechatronics	T.E. (E & Tc) (2003 pattern)
9	Electronic Devices and Circuits	S.E. (E & Tc) (2012 pattern)
10	Integrated Circuits	S.E. (E & Tc) (2012 pattern)
11	Employability Skills in Electronics Design	T.E. (E & Tc) (2012 pattern)
12	Power Electronics	T.E. (E & Tc) (2012 pattern)
13	Electronic Devices and Circuits	S.E. (E & Tc) (2015 pattern)
14	Electronic System Design	T.E. (E & Tc) (2015 pattern)
15	Power Electronics	T.E. (E & Tc) (2015 pattern)
16	Electronic Circuits	S.E. (E & Tc) (2019 pattern)
17	Power Devices & Circuits	T.E. (E & Tc) (2019 pattern)
18	Analog Communication	Y.C.M.O.U. Study Center
19	Digital Communication	Y.C.M.O.U. Study Center
20	Power Electronics	Y.C.M.O.U. Study Center

- **Achievements**

01	TEXAS INSTRUMENTS: Certificate of Appreciation	Organized Texas Instruments India Analog Maker Competition 2015 on 21 <sup>st</sup> Feb. 2015 at N.D.M.V.P.S's, K.B.T., C.O.E., Nashik
02	ANALOG – an online contest by TI University Program	1 <sup>st</sup> Place in the contest on 30 <sup>th</sup> July 2019
03	Online Certification Course	The Arduino Platform and C Programming by Coursera
04	Online Certification Course	Introduction to Electronics by Coursera

- **Memberships**

- Life Membership for “**THE INDIAN SOCIETY FOR TECHNICAL EDUCATION**” (ISTE), No. LM 51622
- Life Membership as a Associate Member of “**INSTITUTION OF ENGINEERS**” (India), NO. AM098610-3
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- **Declaration**

I hereby declare that the above statements are true, complete and to the best of my knowledge and belief.

**Date: - 08/03/2022**

Your's Truly,  
(Mr. Pawar B.J.)