

## CURRICULUM VITAE



### Personal Details

<b>Name</b>	Prashant Kalidas Kavale
<b>Date of Birth</b>	19 <sup>th</sup> October 1976
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### Educational Qualifications

Degree	University	% Marks	Year of Passing
M.E. (Machine Design)	North Maharashtra University, (Jalgaon)	68%	NOV- 2013
MBA Marketing	Tilak Maharashtra Vidyapeeth, Pune	72%	Mar- 2007
Diploma In Advanced Computing (C-DAC)	ACTS, Pune	74%	July -2001
B.E. (Mechanical)	North Maharashtra University, (Jalgaon)	67%	1997-98
H.S.C.	Pune	75%	1993-94
S.S.C.	Pune	82%	1991-92

### Experience

<b>K. K. Wagh I. E. E. &amp; R., Amrutdham, Panchavati, Nashik</b>	Working as Assistant professor in Department of Mechanical Engineering since July 2010
<b>Vidyasagar Learning Pvt. Ltd, Nashik</b>	Working as Centre Head , Overseeing the complete operations of the centre for the Nashik and North Maharashtra Region since July 2002 to July 2010

## Workshops and Trainings attended

- Attended 1day Work Shop “**Introduction to TK Solver & MATLAB**” at Sandip Institute Of Tech & R.C. 31<sup>st</sup> July 2010
- ISTE approved one Week National Level Short Term Training Program on “**Turbo Machinery**” At SIT, Lonawala 23<sup>rd</sup> -27<sup>th</sup> November 2010.
- ISTE Workshop on “**Thermodynamic in Mechanical Engineering** “ Conducted by I.I.T. Bombay ,under the National Mission on Education through ICT(MHRD) From 14<sup>th</sup> -24<sup>th</sup> June 2011
- ISTE Workshop on “**Computational Fluid Dynamics** “ Conducted by I.I.T. Bombay ,under the National Mission on Education through ICT(MHRD) From 12<sup>th</sup> -22<sup>nd</sup> June 2012
- ISTE Workshop on “**Engineering Thermodynamics** “ Conducted by I.I.T. Bombay ,under the National Mission on Education through ICT(MHRD) From 11<sup>th</sup> -22<sup>nd</sup> December 2012
- ISTE Two Week Main Workshop on “**Fluid Mechanics**” Conducted by IIT Kharagpur, under the National Mission on Education through ICT(MHRD) From 20<sup>th</sup> -30<sup>th</sup> May 2014
- One Day Workshop on “ **Lab Practices of Hydraulic and Pneumatics Practicals**” held on 6<sup>th</sup> Sept 2014 at SRES COE ,Kopargaon
- As co-ordinator for **Training in Industrial Automation** course held during 19-21<sup>st</sup> Aug 2015 by TAACT Nasik at KKWIEER, Nashik
- Two Days Hands-on workshop on “**Virtual Instrumentation Using LabVIEW and Data Acquisition System**” held during 21-22<sup>nd</sup> Jan 2016 at MESCOE ,Pune
- Two days Work shop on” Mathematical Modelling & METLAB implementation “ held during 22 & 23 Dec 2017 at JSPM’s JSCOE ,Hadpsar ,Pune
- Two days Work shop on” Design of Experiments “ held during 21 & 22 March 2017 at SIT & R C, Nashik
- One Week workshop on “ Mechatronics & Industrial Automation “ held during 26-30 March 2018 at COPE,Pune
- 4 weeks NPTEL Online Certification course in” Effective Engineering Teaching in Practice “ Mar 2018, Score 70% Elite grade
- Two days workshop on “Flipped Learning” organized by IQAC at K.K.Wagh.I. E.E. & R, Nashik on 13<sup>th</sup> & 14<sup>th</sup> June 2018.

- One day workshop on “Syllabus Implementation for Hydraulics and Pneumatics (BE Mechanical -2015 Course ) ” organized by Board of studies -SPPU & Mechanical Engineering Dept., BARACT’s VIT ,Pune on 13<sup>th</sup> July 2018 .
- One day workshop on “Advances in Heat Transfer ” organized by Mechanical Engineering Dept., K.K.Wagh I.E.E. & R. Nashik on 17<sup>th</sup> Sept 2018 .
- 15days Industrial training “IOT & Industry 4.0”at Cognifront, Nashik During 19<sup>th</sup> Nov to 3<sup>rd</sup> Dec 2018
- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Offline FDP on "ATAL Idea Lab: Advanced FDP on Electronics System Design" from 12/10/2022 to 18/10/2022 at Visvesvaraya Technological University Centre For Post Graduate Studies Muddenahalli .

### Conferences and Publications

- **Analysis of bending stress in spur gear with and without crack by experimentally & finite element analysis**” in IJIMAE/June -2013/Issue –IV/ISSN: 2249-2968/Page 49-58.
- Published paper entitled “**A Review on Effect of Cryogenic Treatment on Tool Steel**” International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES) Volume 4, Issue 03, March-2018, e-ISSN: 2455-2585, Impact Factor: 3.45 (SJIF-2015)
- Published paper entitled “ **An Approach To Mechatronics System Design** “ in International Journal of Engineering Development and Research ,Vol -7 /Issue 2 / ISSN : 2321 -9939 /April 2019
- Published paper entitled “**Design & Fabrication of Saree Folding Machine**” International Journal of Research in Engineering ,Science and Management ,Vol. -2 ,Issue -5 ,ISSN (Online ):2581-5792 May 2019
- Published paper entitled “**Design & development of self balancing platform**” International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 4, Issue 05, May 2022 ,e-ISSN: 2582-5208
- Published paper entitled “**Design & Development of a Prototype of Automated Guided Vehicle (Agv) for Material Handling**” "International Research Journal of Modernization in Engineering Technology and Science ( Peer-Reviewed, Open Access, Fully Refereed International Journal ) ,e-ISSN: 2582-5208 , Volume:04/Issue:05/May-2022 Impact Factor-

### Academics

- Courses taught:** Hydraulics & Pneumatics., Mechatronics ,Computer Oriented Numerical Method, Robotics, Turbo Machines, Basic Mechanical Engineering, Fluid Mechanics
- As a AICTE-IDEA Lab Guru** for AICTE-IDEA Lab in K.K.Wagh Institute of Engg. Edu. & R ,Nashik
- As a Department **Project Co-ordinator** for Final year Project Since 2019
- As Class Coordinator & Lab In-charge for Fluid Power Lab
- As a Department NIRF , NACC (Criteria –III ) & NBA (Criteria-5 ) Co-ordinator
- Participated as a Reviewer in 3rd International Conference on Recent Trends in Engineering & Technology (ICRTET 2014) at SNJB COE Chandwad, Nashik 28th -30th March 2014

### Resource Faculty

- Worked as resource person for subject “**Fundamentals of Design and Manufacturing**” for AMIE at Institute of Engineers, Nashik Chapter from 2013 to 2017
- Worked as resource faculty for “**Work Management Program**” at M & M, Nashik & Igatpuri for Automobile & Mechatronics & Future Technologies subject during March 2011, Feb 2022.

### IT Proficiency

- 2001 PG Diploma in Advanced Computing (C-DAC) from ACTs Pune
- 2006 Oracle 9i:SQL 1Z0-007 Examination certification
- Software Handled : MATLAB , Automation Studio , LabVIEW ,Simense Logo Plc, Festo :Fluidsim , BRICS CAD , Master Cam ,