

## CURRICULAM VITAE

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Tal: Niphad. Dist- Nashik.  
Pincode- 422308

**Caste** OPEN (Hindu-Maratha)

**Marital status** Married

**Nationality** Indian.

**Hobby** Reading News Paper

### Educational Qualifications

Degree / Certificate	Year of passing	University /Board	Name of College	Percentage / GPA
MH-SET	Dec 2013	-	-	-
M.(Tech) (Industrial Maths With Computer Applications)	Dec 2010	Pune	Department of Mathematics, University of Pune.	3.67 out of 6
B.Sc.(Maths)	May 2007	Pune	K.T.H.M. College,Nashik	71.16%
HSC	June 2004	Pune	C.S.Vidyalaya KNagar,Niphad	60.33%
SSC	June 2002	Pune	C.S.Vidyalaya KNagar,Niphad	61.46%

### Employment Record :

Sr. No.	Designation	Institution/Organization	Period	
			From	To
1	Lecturer Of Maths	HV Desai College,Pune	28/06/2010	28/04/2011
2	Lecturer Of Maths	K.K Wagh A.C.S.& CS College,Nashik	01/12/2012	08/08/2014
3	Lecturer Of Maths	Chandwad Senior College,Chandwad	09/08/2014	02/08/2015
4	Assistant Professor	Satana Senior College ,Satana	03/08/2015	13/07/2017
5	Assistant Professor	K.K Wagh A.C.S. College,Pimpalgaon(B)Nashik	14/07/2017	16/12/2024
6	Assistant Professor	MVP'S KBTCOE College, Nashik	17/12/2024	Till Now

### Publications :

- **Patent** : “In-band full-duplex relaying for 5G cellular networks with wireless virtualization” **in 2022.**
- 5 years Tutoring Experience in **Bartalby** PVT LMT.
- 5 years Tutoring Experience in **Transtutor** PVT LMT.
- 5 years Tutoring Experience in **Chegg** PVT LMT.
- **Business Mathematics** Book for S.Y.B.C.A. during year 2014 of Thakure Publication Pune with ISBN Number - 9789351631477

### Academic Experience :

- Assistant Professor for UG & PG : 14 years
- NSS Program Officer : 2017 - 2023
- Paper Setter for M.Sc.(Maths) : 2020 - 2024
- M.Sc. (Maths) Syllabus Restructuring Committee : 2023 & 2024
- In-depth knowledge of working on specialized software: Python , Latex ,Scilab, Matlab, Maple and Mathematica.
- Ability to maintain a well-disciplined and highly motivated classroom offer individual support and provide positive encouragement to ensure that each child succeeds.

### Membership in Professional societies:

- Life Member of Indian Science Congress

### **Paper presented in the conferences :**

- **The New Integral Transform ‘KUSHARE Transform’** By S Kushare, D Patil, A Takate in International Journal of Advances in Engineering and Management (IJAEM) in Sept 2021.
- **"Comparison between Laplace, Elzaki and Mahgoub Transforms for Solving system of First order First Degree Differential Equations "** Presented Paper in National Conference ‘Recent Trends In Mathematics And Its Applications’ (RTMA 2019), held on 27-29 Dec. 2018.
- **“Comparison Between Laplace, Elzaki And Mahgoub Transforms For Solving System Of First Order First Degree Differential Equations”** presented in International Conference on International Virtual Conference on Innovation in Multidisciplinary Studies-IVCIMS 2021 on 8th Aug 2021.
- **“Introduction of Laplace Transform and Sumudu Transform with application”** in National Conference on ‘Recent Advances in Mathematics’ at Arts, Commerce and Science College, Nandgoan, Nashik on 2<sup>nd</sup> Nov 2016.
- **"From Sci-Fi to Reality : The Rise of AI and Its Implications for the Future"** in PURSUIT Vol. VI Issue Jan 2024 ISSN : 2394-2649 KKW Arts, Commerce and Science College, Pimpalgaon (B.), Nashik

### **National Conference attended:**

- National conference on recent trends on pure and applied mathematics organized by ACS Science College Sangamner on 2<sup>th</sup> to 6<sup>th</sup> 2015.

### **State level Conference seminar and workshops attended:**

- Workshop on “Role of Mathematical Software in Teaching, Learning and Research” organized by K T H M College Nashik on 29 – 30 Dec 2017.
- One day state level seminar on recent advances in mathematics, organized by R. N. C. Arts, J. D. B. Commerce and N. S. C. Science college Nashik road on 28<sup>th</sup> Feb 2012.

- Attended Workshop on SCILAB FOR TRACHERS at Modern College,Pune during Jan-11.

**Area of Specialization:**

- (i) Integral transforms
- (ii) Partial Differential Equations,
- (iii) Ordinary Differential Equations.

**Languages Known :**

Languages	Proficiency
English	Read, Write, Speak
Marathi	Read, Write, Speak
Hindi	Read, Write, Speak

**Extra Curricular Activities:**

- Machnical Trade in Technical Subject as vocational subject in 1999-02.
- Completed the Industrial Project Human Resource Management System in Auctus software Pvt.Ltd during 2009.

I hereby declare that the information furnished above is true to the best of my knowledge.

**PLACE:**

**DATE:**

**Sachin R. Kushare**