

Curriculum Vitae

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Date of Birth: 5th October 1983.



Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%CGPA	Class
M.Sc.	Mathematics	Department of Mathematics ,Pune University.	Pune University.	2006	6.7 out of 10 (G.P.A)	A Grade
B.Sc.	Mathematics	S.S.G.M.College Kopergaon	Pune University	2004	74.58%	Distinction

Experience

Sr. No.	Organization	Post	From To	No. of Years
1	Maharashtra Institute of Technology, Aurangabad	Assistant Professor	16/01/2018 To Till date	7.2 years
2	International Centre of Excellence in Engineering and Management. Aurangabad	Assistant Professor	15/06/2011 To 15/01/2018	6 .5 years
3.	Hi-Tech Engg. Aurangabad	Lecturer	05/10/10 To 14/06/2011	1 year
4	PVG College of Engg.Pune.	Lecturer	16/01/2007 To 30/04/2008	1.5 years
5	Noworosjee Wadia college. Pune	Lecturer	13/07/2006 To 15/01/2007	0.5 year

List of Courses Taught/Teaching at UG level:

Sr. No.	Name of Subject	Class	No. of Times Taught
1	Engineering Mathematics I	First Year	08
2	Engineering Mathematics II	First Year	05
3	Engineering Mathematics III	Second year	09
4	Engineering Mathematics IV	Second year	08
5	Vector and Partial Differential Equation.	Second year	02
6	Probability and Random Theory	Second Year	02
7	Audit Course: Value Education (One Unit)	Third Year	01
8	Linear Algebra and Transform	Second Year	04
9	Complex variable & vector calculus.	Second Year	2
10	Introduction to Indian Knowledge Systems	First Year	Teaching in the current Semester.

Additional Assignments/Duties**Dr. Babasaheb Ambedkar University, Aurangabad.**

- Worked as syllabus Setter for Second Year B. Tech. (**Course –Linear Algebra and transform for the academic year 2022-23**), in Maharashtra Institute of Technology (An Autonomous Institute permanently affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad).
- Worked as syllabus Setter for Second Year B. Tech. (**Course –Complex Variable and Vector Calculus for the academic year 2022-23**), in Maharashtra Institute of Technology (An Autonomous Institute permanently affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad).
- Worked as Paper Setter for **Second Year B. Tech. (Revised course P&RT 2019-20 Pattern)**, Dr. Babasaheb Ambedkar Marathwada University Examination 2021-22.

- Worked as Paper Setter for **Second Year B. Tech. (Old Course 2016-17 Pattern)**, Dr. Babasaheb Ambedkar Marathwada University Examination 2021-22.
- Worked as Paper Setter for **First Year B. Tech. (Old Course 2011-12 Pattern)**, Dr. Babasaheb Ambedkar Marathwada University Examination 2019-20 , 2020-21,2021-22.
- Worked as Seating Squad for Dr. BAMU Examination. (2017)
- Worked as Paper Setter in the F.Y. for Engineering Mathematics –I (Nov/Dec 2017 and May /June 2018).

Maharashtra Institute of Technology, Aurangabad. (Jan.2018 - Till Date)

- Worked as Paper Setter and Examiner in the examination SY.B.Tech (AIDS& CSD) semester –III & IV for the course Linear Algebra and Transform & Complex variable & vector calculus for End Semester Examination Nov-Dec-2024
- Worked as Syllabus setter of the course Statistics for Data Science and Linear Algebra and Transform for the academic year 2024-25 as per NEP 2020 Based Curriculum.
- Working as first year Timetable coordinator (From academic year 2020-21)
- Worked as Member of Two days Value Added course on MATLAB (28th & 29th June 2021).
- Developed own website for academic purpose: <https://sonaliwable.gnomio.com/>
- Working as co coordinate of the Third year Audit course :Value Education. (For Academic Year 2020-2021)
- Worked as coordinator of webinar on “Writing Research Paper” (7th July 2020)
- Worked as Class test Co-Ordinator (Form Academic year 2018-2019 to 2019-2020).
- Working as Member of Admission Cell (From academic year 2018-2019).
- Worked as Member of Sci-Clone for 2018-2019
- Worked as Coordinator of First Year students’ Association.
- Worked as Member of Mathematics Club.
- Worked in the Induction Program.
- Worked as Faculty Coordinator in Day event in Kalavihangam 2018-2019 & 2017-2018
- Working as Faculty Advisor.

International Centre of Excellence in Engineering and Management. Aurangabad. (Jun. 2011-Jan.2018)

- Worked as First Year HOD in ICEEM College. (From 1st December 2016 to 15th January 2018).
- Worked as Class test coordinator & Term Work In-charge.

- Worked as ARC In charge First year Engineering Admission.
- Worked as Coordinator of Master Time-Table.
- Worked as Member of Admission Cell, AICTE, NBA.
- Worked as President of Women's grievance cell.
- Worked as Teacher Guardian.
- Worked as Under Study for University Examinations
- Worked as In-charge of Admission & Promotional Activity

Membership of Professional Bodies

- International Journal of Mathematical sciences And Engineer Application. (IJMSEA) ISSN 0973-9424 LM-1055
- The Indian Society for Technical Education (ISTE) LM-77556.

Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference Attended

- Completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by UGC - MMTTC, Gujarat University, Ahmedabad. from 5th Feb. to 15th Feb. 2024.
- Participated in the AICTE Recognized Faculty Development Programme on Numerical and Statistical Methods with Engineering Application Conducted by Applied Science Department from 20/02/2023 to 24/02/2023 (One Week) at NITTTR, Chandigarh.
- Attended One Day Online Workshop on **“OBE Concepts & Implementation and Digital Preparedness for NBA”** organized by Internal Quality Assurance Cell (IQAC), Maharashtra Institute of Technology, Aurangabad on 29th May 2021.
- Participated and successfully completed the online workshop on Universal Human Value on the theme **“Inculcating Universal Human Values in Technical Education”** during 12-16 October, 2020 as organized by All India Council for Technical Education (AICTE).
- Attended STTP through ICT Mode on **Outcome Based Accreditation and NBA** organized by National Institute of Technical Teacher's Training & Research, Kolkata from 11th May 2020 to 15th May 2020 [duration: 1 Week]
- Attended STTP through ICT Mode on **Numerical and Statistical Methods with**

PYTHON organized by National Institute of Technical Teacher's Training & Research ,Kolkata from 04th May 2020 to 08th May 2020 [duration: 1 Week]

- Successfully completed Online Training Program on **“Educational video Creation : E-content development”** organized by Department of English, Department of Fishery Science and Department of Geology of Toshniwal Arts, Commerce and Science College, Sengaoon, Dist. Hingoli, Maharashtra, India from 11th to 13th May 2020 during AY 2019-20.
- Attended National level One Week online Faculty Development Program on **“MATHEMATICS: A Practical Approach in Science and Technology”** Organized by Department of Basic Science and Humanities, Deogiri Institute of Engineering and Management Studies, from 28th June to 3rd July 2020.
- Successfully completed Faculty Development Program on **“Effective Use of ICT Tools for Efficient Online Teaching”** organized by Information Technology Department, Pune Institute of Computer Technology Pune, 29th to 30th May 2020
- Attended a Webinar on **"Opportunities with Japanese Language"** organized by Maharashtra Institute of Technology, Aurangabad on 13th July 2020.
- Attended a Webinar on **“ENERGY AND ENVIRONMENT: CHALLENGES & OPPORTUNITIES”** organized by Maharashtra Institute of Technology, Aurangabad held on 5th June 2020 on the occasion of world Environment day.
- Attended a Webinar on **“Application Algebra and Analysis”** organized by Shri Muktanand College Gangapur, Aurangabad on 14th June 2020.
- Attended a Webinar on **“New Horizons for e-learning in Higher Education”** on 14th & 15th May 2020.
- Attended a Webinar on **“International Webinar on Life and Contributions of Maryam Mirzakhani”** organized by Department of Mathematics, St. Xavier's College for Women, Aluva on 12th May 2020 organized as part of Women in Mathematics Day observation
- Successfully completed Faculty Development Program of TALE 2: Teaching and Learning Engineering course during July to September 2019.
- Attended One Week Refresher Course on **“Use of ICT for Effective Teaching Learning”** “from 8th January to 12th January 2019 organized by MIT (T).
- Attended Faculty Development Program on Data Science ‘organized by Faculty Development Centre in Cyber Security and Data Sciences, Shivaji University, Kolhapur hosted by Maharashtra Institute of Technology, Aurangabad conducted by FDC

PMMMNMST, during 24th June -30th June 2019.

- Attended Faculty Development Program on “Statistical Techniques in Data Analysis” on 7th July 2018.
- Attended a National level workshop on “ Teaching Methodologies for” Engineering Mathematics from 23rd to 25th June 2018 organized by Department of First Year Engineering, DIEMS Aurangabad.
- Attended One Day Faculty Development Program on “Great to Greatness – Knowing Yourself” on 5th February 2018

NPTEL Certification

Start Date	End Date	Duration (in Weeks)	Course Name	Marks	Performance
January 2025	April 2025	10 weeks	Indian Knowledge System: Concepts and Applications in Engineering	Ongoing	
August 2024	October 2024	8 weeks	Descriptive Statistics with R Software	71%	Elite
January 2023	April 2023	12 weeks	NBA Accreditation and Teaching and learning in Engineering (NATE)	71%	Elite
July 2019	Sept.2019	8 weeks	Teaching and Learning Engineering (TALE-2)	62 %	Elite

Date: 21-03-2025.

Place: Chhatrapati Sambhajanagar.