

Name: Sushma Shekhar Kulkarni
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Mobile: 9970700701
Gender: Female
Date of Birth: 03-Aug-1965



Education Level	Board / University	Institute	School / College	Marks	CGPA	Year
	Shivaji University, Kolhapur, India	Walchand College of Engineering, Shivaji University, Kolhapur, India	Walchand College of Engineering, Shivaji University, Kolhapur, India	0.00	0.00	2003
Subjects / Specialization: Civil engineering “A Critical Study of Total Quality Management In Engineering Industries”						
	Shivaji University, Kolhapur, India	KBP Engineering college, Satara, Shivaji University, Kolhapur, India	KBP Engineering college, Satara, Shivaji University, Kolhapur, India	64.60	0.00	1993
Subjects / Specialization: (Civil)Construction and Management						
	Nagpur University, Nagpur	Vishveshvaraya Regional College of Engineering (VNIT), Nagpur	Vishveshvaraya Regional College of Engineering (VNIT), Nagpur	72.08	0.00	1987
Subjects / Specialization: Civil Engineering						
	CBSE	Kendriya Vidyalaya, New Delhi	Kendriya Vidyalaya, New Delhi	82.00	0.00	1983
Subjects / Specialization: Science						
	CBSE	Kendriya Vidyalaya, Baroda, Gujrat	Kendriya Vidyalaya, Baroda, Gujrat	73.00	0.00	1981
Subjects / Specialization: 10th						

Work Experience (Total: 38Y 0M)

#	Organization	Designation	From	To	Duration
1	NICMAR Unviersity, Pune,25/1, N.I.A. Post Office, Balewadi, Pune – 411 045, Maharashtra, India	Vice Chancellor	Apr 2023	Present	3Y 0M
2	Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar, Sakharale. Tal - Walwa District – Sangli, Maharashtra Pin – 415414	Director	Nov 2011	Apr 2023	11Y 5M
3	Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar, Sakharale. Tal - Walwa District – Sangli, Maharashtra Pin – 415414	Principal	Jan 2007	Oct 2011	4Y 9M
4	Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar, Sakharale. Tal - Walwa District – Sangli, Maharashtra Pin – 415414	I/C Principal	Jul 2005	Jan 2007	1Y 5M
5	Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar, Sakharale. Tal - Walwa District – Sangli, Maharashtra Pin – 415414	Professor	Jun 2005	Jul 2005	0Y 0M
6	Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar, Sakharale. Tal - Walwa District – Sangli, Maharashtra Pin – 415414	Assistant Professor	Sep 2003	Jun 2005	1Y 9M
7	Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar, Sakharale. Tal - Walwa District – Sangli, Maharashtra Pin – 415414	Lecturer Selection Grade	Apr 1999	Aug 2003	4Y 4M
8	Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar, Sakharale. Tal - Walwa District – Sangli, Maharashtra Pin – 415414	Lecturer in Senior Grade	Apr 1997	Mar 1999	1Y 11M
9	Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar, Sakharale. Tal - Walwa District – Sangli, Maharashtra Pin – 415414	Lecturer	Apr 1988	Mar 1997	8Y 11M

Research Publication

#	Title	Journal	Year
1	Project Based Learning: An Innovative Approach for Integrating 21st Century Skills	Journal of Engineering Education Transformations	Feb-2020
2	Adoption of the Conceive -Design-Implement-operate approach to the Third-year project, a team-based design- Build Environment.	ELSEVIER journal of Procedia Computer Science	Jan-2020
3	Simulation of runoff and sediment yield for a Kaneri Watershed Using SWAT Model	Journal of Geoscience and Environment Protection	Dec-2015
4	Modeling Compressive Strength of Recycled Aggregate Concrete Using Neural Networks, Model Tree and Regression Analysis	International Journal of Sustainable Built Environment	Dec-2014
5	Experimental Investigation on strength characteristics of concrete using tyre rubber as aggregates in concrete	International Journal of Applied Engineering Research and Development	Apr-2014
6	Modeling Compressive Strength of Recycled Aggregate Concrete Using Neural Networks and Regression Analysis	Concrete Research Letters	Jun-2013
7	Strength Characteristics of concrete with recycled aggregates and artificial sand	International Journal of engineering research and application	Oct-2012
8	Effectiveness of using Coarse Recycled concrete aggregate in concrete	International Journal of Earth Sciences and Engineering	Oct-2011
9	WATERSHED MANAGEMENT – A MEANS OF SUSTAINABLE DEVELOPMENT - A CASE STUDY	International Journal of Engineering Science and Technology	Mar-2011
10	Graph Theory and matrix approach for performance evaluation of TQM in Indian Industries	The TQM Magazine International review of organizational improvement	Dec-2005
11	Women and Professional Competency – A Survey Report	Indian Journal of Training and Development	Aug-1999

Published Books / Chapters

#	Book Title	Publisher	Institution
1	Finance Management and Revenue Generation for the Sustainability of Engineering Institutions	Springer Nature Switzerland AG, I have worked as one of Editor	Engineering colleges / universities
2	Academic Leadership in Engineering Education (One of the editors)	Springer Nature Switzerland AG	Learnings and Case Studies from Educational Leaders Around the Globe referred by Universitiesand engineering colleges
3	Women in academic leadership, from an Indian perspective	International Federation of Engineering Education Societies and Global Engineering Dean Council	Rajarambapu Institute of Technology, Rajaramnagar
4	Rising to the Top- INDIAN WOMEN STEM LEADERS Volume III	IFEES and GEDC, I have worked as Production Editor	By various Schools, Colleges from the Globe
5	A Critical Study of Total Quality Management in Engineering Industries	LAP Lambert Academic Publishing	It is a publication based on my Ph.D. research Work

Administrative Experience (Total: 41Y 2M)

#	Post	Institution	From	To	Duration
1	Vice Chancellor	NICMAR University, Pune, 25/1, N.I.A. Post Office, Balewadi, Pune – 411 045, Maharashtra, India	Apr 2023	Present	3Y 0M
2	Director	Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar, Sakharale. Tal - Walwa District – Sangli, Maharashtra Pin – 415414	Nov 2011	Apr 2023	11Y 5M
3	Principal	Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar, Sakharale. Tal - Walwa District – Sangli, Maharashtra Pin – 415414	Jan 2007	Oct 2011	4Y 9M
4	I/C Principal	Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar, Sakharale. Tal - Walwa District – Sangli, Maharashtra Pin – 415414	Jul 2005	Jan 2007	1Y 5M
5	Professor	Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar, Sakharale. Tal - Walwa District – Sangli, Maharashtra Pin – 415414	Jun 2005	Jul 2005	0Y 0M
6	Head of Civil Engineering Department	Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar, Sakharale. Tal - Walwa District – Sangli, Maharashtra Pin – 415414	Mar 2005	Jul 2025	20Y 4M

Major Research

#	Project Title	Value	Agency	From	To	Duration
1	Incubation Center	5,00,00,000	Maharashtra State Innovation Society, GoM	Oct 2018	Oct 2023	5Y 0M
2	AICTE IDEA LAB	1,05,00,000	All India Council of Technical Education	Oct 2021	Oct 2022	1Y 0M
3	Skill and Personality Development Center of AICTE	15,05,000	All India Council of Technical Education	Apr 2014	Mar 2016	1Y 11M
4	Host Institute	20,08,000	Ministry of Micro, Small, and Medium Enterprises (MSME) New delhi	Apr 2018	Mar 2021	2Y 11M
5	DST-FIST Center for Advanced Material Testing	30,00,000	Department of Science and Technology	Apr 2015	Mar 2017	1Y 11M

International Experience

#	Organization / Body	Experience
1	Indo Universal Collaboration for Engineering Education	Director & Board member of IUCEE Foundation a section 8 company, Editor of Journal of Engineering Education Transformations a Scopus index Q2 Journal, attended 10+ ICTIEE Conferences, delivered 50+ keynote, chief guest, panel discussion, present papers et
2	International Federation of Engineering Education (IFEES) and Global Engineering Deans Council (GEDC)	Worked as chair-GEDC (2023-25), Attended 10+ WEEF- GEDC International conference, 50+ Guest talks & panel discussions, Paper presentations, 2 Book Projects with 100+ authors, Strategic Planning for 5 years, reformation of Bye Laws for GEDC, Virtual platfo
3	CIB - International council for research and innovation in Building and construction	CIB board member
4	Universitas Pendidikan Indonesia (UPI), Indonesia, · The Sultan Kudarat State University (SKSU) Philippines	Worked as Speaker in UPI, Indonesia SKSU, Philippines, Student and Faculty Exchange for a short-term program on Research Methodology with a duration of 80 hours.(2022)

Leadership Experience

#	Brief Description
1	As Principal & Director of RIT, Led to Autonomy 2011-12, Led TEQIP Phase I & II project of Rs. 9.26 Cr, 60% + programs NBA Accredited, NAAC A+ grade, section 8 company with 23 startups, develop strategic plan and organization Structure
2	As founder Vice Chancellor of NICMAR University, Pune, Develop, Organizational structure, ordinances, policies, performance-based appraisal system, Training and Development, Finance fund management, IQAC development from scratch, Strengthened Academics, E

Statutory Authorities

#	Institution	Statutory Forum	From	To
1	Dept. of Civil COEP Technological University, D.Y. Patil College of Engineering, Aakurdi, PCCOER, Ravet Pune, AISSMS College of Engineering, Pune, MIT Alandi, Pune	Member of Board of Studies, VC Nominee	Jul 2024	Apr 2026
2	Arvind Gavali College of Engineering, Satara & NICMAR University of Construction Studies (NUCS) Hyderabad	Member of Governing Body	Jul 2024	Apr 2026
3	Walchand College of Engineering, Sangli	Member, College Development Committee, SUK , Nominee	Jul 2022	Mar 2026
4	Maharashtra Institute of Technology, Aurangabad	Academic Council, Academician	Jul 2021	Jun 2024
5	Tatya Saheb Kore Institute of Engineering, Warananagar, Kolhapur	Academic Council, VC Nominee, SUK	Jul 2021	Mar 2026
6	Government College of Engineering, Karad	Academic Council, Member	Jul 2020	Jun 2023
7	Lead Colleges Shivaji University Kolhapur	Chairperson Lead committtee, Shivaji University Kolhapur (SUK)	Jul 2019	Jun 2023
8	Walchand College of Engineering, Sangli	Academic Council, VC Nominee, SUK	Jul 2019	Jun 2021
9	Vishwakarma Institute of Information Technology, Pune	Member, Academic Council	Jul 2017	Jun 2019
10	Rajarambapu Institute of Technology	Secretory, Board of Governance, Chairman Academic Council (2011-2023)	Jul 2006	Apr 2023

Quality Assurance Experience

#	Area	Institution	From	To	Achievements
1	Curriculum design, delivery and evaluation using OBE, IQAC cell , Faculty feedback and mentoring, Performance based appraisal for employees, Continuous training and development, student counselling and mentoring, feedback from stakeholders, IDP developed	NICMAR University, Pune	Apr 2023	Mar 2026	Strengthened Academics with Attainment of program outcomes, improved number and Quality of research publications, funding, patents, MOUs within India and foreign Universities, Industry connect with quality placement in national &International companies,
2	Assessment and accreditation procedures NBA, NAAC, NIRF ranking	Rajarambapu Institute of Technology	Jul 2005	Apr 2023	NAAC A+ grade More than 60% programs accredited
3	Quality initiatives Faculty Appraisal, 360DFAS, Student Feedback (Student learning Index SLI), Institutional services feedback from students and Staff	Rajarambapu Institute of Technology	Jul 2011	Apr 2023	Faculty Appraisal has helped for continuous growth and development of Faculty by making them realize their own training needs. Feedback and their analysis help in improving the systems.

PhD Student Guided

#	Guide No	Co-Guide No
1	4	1

Youth Development Experience

#	Activity	Institution	Achievements	From	To	Duration
1	NSS, Various Clubs, Sports, Cultural, Professional Body students Chapters	NICMAR University, Pune	Holistic development of students	Apr 2023	Mar 2026	2Y 11M
2	Professional Students Memberships like, IGBC, IGI, ICI, CIB, IWA, IUCEE, ASCE	NICMAR University, Pune	Awards to the students, students' development towards sustainability, international exposure, new technology etc.	Apr 2023	Mar 2026	2Y 11M
3	Outreach activities, site tours	NICMAR University, Pune	Societal connect, clarity of concepts, understanding of local and community issues and problems and develop problem solving skills	Jul 2011	Apr 2023	11Y 9M
4	Engineers Without Borders IUCEE Student Summit Corporate Insight IUCEE Clean and Green Campus Course Covid 19 Grand Challenge Student Leadership Course	Indo-Universal Collaboration for Engineering Education (IUCEE)	Awards to students	Jul 2019	Jun 2026	6Y 11M
5	Student Clubs e.g. Scale Club / EWB Club, Go Kart, Quad Bike, SAE CLUB, Efficycle, Space Club, ISTE Student Chapter, RIT Android Club, Drone Club, Music Club, Dance and Drama Club	Rajarambapu Institute of Technology	Holistic development of students	Jul 2011	Apr 2023	11Y 9M
6	Sports competitions, Drama Competitions	RIT	Awards to students (Every Year)	Jul 2011	Apr 2023	11Y 9M