

Position: Vice-Chancellor

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Date of Birth: 03-Jul-1966



Education Detail

Education Level	Board / University	Institute / School / College	Marks	CGPA	Year
PhD	INDIAN INSTITUTE OF TECHNOLOGY	IIT DELHI	0.00	0.00	2008
Subjects / Specialization: COMMUNICATIO, SIGNAL AND IMAGE PROCESSING					
Post Graduation	MARATHWADA UNIVERSITY AURANGABAD	SGGSCE&T NANDED	64.17	0.00	1996
Subjects / Specialization: ANALOG AND DIGITAL COMMUNICATION, SIGNAL AND IMAGE PROCESSING					
Graduation	MARATHWADA UNIVERSITY AURANGABAD	SGGGSCE&T NANDED	66.00	0.00	1990
Subjects / Specialization: COMPUTER SCIENCE AND ENGINEERING					
Higher Secondary	AURANGABAD	Y M NANDED	64.17	0.00	1986
Subjects / Specialization: PHY, CHEM,MATHS, BIO					
Secondary	AURANGABAD	JNV	76.17	0.00	1984
Subjects / Specialization: MARATHI, HINDI, ENGLISH, MATHS					

Work Experience (Total: 29Y 8M)

#	Organization	Designation	From	To	Duration
1	DR.BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY LONERE	PROFESSOR IN ELECTRONICS & TELECOMMUNICATION ENGINEERING	Aug 2012	Present	13Y 8M
2	DR.BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY LONERE	Assistant Pofessor	Aug 2004	Aug 2007	3Y 0M
3	DR.BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY LONERE	ASSOCIATE PROFESSOR	Aug 2007	Aug 2012	5Y 0M
4	DR.BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY LONERE	Lecturer	Aug 1996	Aug 2004	7Y 11M

Research Publication

#	Title	Journal	Year
1	Metaheuristic optimized time-frequency features for enhancing Alzheimer’s disease identification	Biomedical Signal Processing and Control International	Jan-2024
2	Hybrid reptile search algorithm-snake optimizer and rational wavelet filter banks for Alzheimer’s disease detection	Artificial Intelligence: A tool for effective diagnostics	Jan-2024
3	Impact of optimal scaling coefficients in bi-orthogonal wavelet filters on compressed sensing	International Journal of Pervasive Computing and Communications Volume 17 & Issue 1	Jan-2021
4	Optimized Structural Compressed Sensing Matrices for Speech Compression	IETE Journal of Research, Volume 66, Issue 6 November-20	Nov-2021
5	Equivalence between multirate filter bank and circular lattice filter and its application in statistically matched multirate filter bank	International Journal of Speech Technology Volume 22, Issue 2	Jun-2019
6	Deep neural network-based speech enhancement using mono channel mask	International Journal of Speech Technology Issue 3	Nov-2019
7	Video Stabilization Using Feature Point Matching	IOP Journal of Physics: 787	Jan-2018
8	RANSAC Algorithm for Matching Inlier Correspondences in Video Stabilization	Advances in Image and Video Processing, (UK), Volume 5, Issue 1	Feb-2017
9	ECG Classification using Dynamic High Pass Filtering and Statistical Framework (HRV)	Signal Processing: An International Journal Volume 10, Issue 2	Feb-2016
10	Signal Matched Two Channel Multirate Filter Bank using Nyquist filter approach,”	International Journal of Modeling and Simulation, ACTA press, Vol. 29, No.3	Nov-2009
11	Linear Phase Characterization of Non uniform Filter Bank	Elsevier Journal of Signal Processing, Vol.88, issue 8 August, 2008	Aug-2008

Published Books / Chapters

#	Book Title	Publisher	Institution
1	Signals and Systems	Published by AICTE ISBN-978-93-6023-086-5	Refereed in Model Curriculum of AICTE Available on e-kumbh website
2	Digital Signal Processing	Synergy Knowledge Publication, Mumbai ISBN 978-93-8335-238-8	DBATU Lonere and Mumbai University
3	A Text Book on Basic Electronics	Synergy Knowledge Publication, Mumbai ISBN-978-93-8335-246-3	DBATU Lonere
4	Electronics Devices and Circuits	Synergy Knowledge Publication, Mumbai ISBN-978-93-8335-261-6	DBATU
5	A Text Book on Signals and Systems	Synergy Knowledge Publication, Mumbai ISBN-978-93-8335-236-4	University of Mumbai, Mumbai and DBATU, Lonere
6	Signals and Systems (Translated in Marathi Language)	Published by AICTE	Refereed in Model Curriculum of AICTE Available on e-kumbh website

Administrative Experience (Total: 42Y 5M)

#	Post	Institution	From	To	Duration
1	DIRECTOR(IQAC)	DBATU LONERE	Sep 2023	Jul 2026	2Y 10M
2	DEAN (ACADEMIC-FOE&T)	DBATU LONERE	Oct 2019	Jul 2026	6Y 9M
3	DIRECTOR (INNOVATION, INCUBATION AND ENTERPRISE)	DBATU LONERE	Aug 2019	Jul 2026	6Y 11M
4	DIRECTOR(ICT)	DBATU LONERE	Oct 2016	Jul 2026	9Y 9M
5	HOD	DBATU LONERE	May 2010	Jun 2026	16Y 1M

Major Research

#	Project Title	Value	Agency	From	To	Duration
1	RPS project Improving the perception of Sensorineural hearing impaired by developing optimized signal processing algorithm for hearing aids. 20/AICTE/RIFD/RPS (Policy-2)-69/2012-13 Dated 4/2/2013	755000	AICTE	Feb 2013	May 2017	4Y 3M
2	Development of Multirate DSP Algorithms on Fast speed FPGA (AICTE-R & D Projects Year: 2006)8023/RID/BOR/RPS-50/2005-2006 dated 01/08/2006 Rs.5.75 Lakhs	575000	AICTE	Aug 2006	Sep 2010	4Y 1M
3	Smart Grid	593000	UGC	Feb 2011	Mar 2016	5Y 1M
4	Funding for addressing Research Problems of the Industry (Research Assistantship for two years to two research scholars) Bi-optronics Equipment Pvt. Ltd. 301/401, Thane 1st July, 2018 31st July 2020 Completed	1400000	Bi-optronics Equipment Pvt. Ltd. 301/401, Thane	Jul 2018	Jul 2020	2Y 0M

International Experience

#	Organization / Body	Experience
1	International Conference on Biomedical Engineering and Sciences, Kuala Lumpur, Malaysia	Session Chair & Presented Paper
2	CCISP 2016, Dubai	Session Chair & Presented Paper

Statutory Authorities

#	Institution	Statutory Forum	From	To
1	DBATU Lonere	Academic Council	May 2010	Jul 2026
2	DBATU LONERE	EXECUTIVE COUNCIL	Oct 2013	Sep 2016
3	DBATU Lonere	EXECUTIVE COUNCIL	Aug 2020	Dec 2023
4	DBATU Lonere	BOE	May 2010	Jul 2026
5	DBATU Lonere	FINANCE COMMITTEE	Aug 2024	Jul 2026
6	DBATU Lonere	Finance committee	Apr 2021	Apr 2024
7	DBATU Lonere	Dean(Academic-FoE&T)	Oct 2019	Jul 2024
8	DBATU Lonere	Director, ICT	Oct 2016	Jul 2026
9	DBATU Lonere	Director Innovation, Incubation and Enterprise	Aug 2018	Aug 2026

Quality Assurance Experience

#	Area	Institution	From	To	Achievements
1	ACADEMIC AND ADMINISTRATIVE AUDIT	DBATU Lonere affiliated institutes	Jul 2020	Apr 2026	maintaining quality and standard of education in all 455 colleges
2	Curriculum Design and Development	All 113 Engineering, Managmenet, MCA and BVoC colleges	Jul 2020	Apr 2026	maintaining quality and standard of education in all 455 colleges

PhD Student Guided

#	Guide No	Co-Guide No
1	6	12

Youth Development Experience

#	Activity	Institution	Achievements	From	To	Duration
1	Smart India Hackathon (MoE GoI)	DBATU Lonere	216 Students worked 52 Hours and 36 students sent National level. One team is got the prize	Mar 2020	Dec 2025	5Y 9M
2	TEDxDBATU	DBATU Lonere	Exposure to talk imminent personalities	Jun 2016	Jun 2020	4Y 0M