

DR. KUNAL D. JADHAV

PROFESSOR

M.A. (Eng.), M.A. (Hist.), M.A. (Socio.), M.Ed. M.Phil.

Ph.D. (Lifelong Learning), Ph.D. (Rural Development)

Department of Lifelong Learning and Extension, University of Mumbai

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Scopus ID: 60091352100

Web of Science Researcher ID PLC-9359-2026

Teaching Experience: 25 years



ACADEMIC BACKGROUND

Dr. Kunal D. Jadhav is currently working as Professor and former Director in the Department of Lifelong Learning and Extension, University of Mumbai. He has successfully handled highly valued teaching and administrative responsibilities in the University and its affiliated colleges from 2001 till date.

He has achieved his first Ph. D. degree in Lifelong Learning (Education) from Tata Institute of Social Sciences, Deonar, Mumbai and second Ph. D. in Rural Development from University of Mumbai. His research contributions are available on Scopus and Web of Science. Recently, He has been honored with "THE BEST TEACHER OF THE UNIVERSITY AWARD" by University of Mumbai.

SIGNIFICANT CONTRIBUTIONS

- Member & Chairman, Peer Team, UGC, NAAC.
- Mentor, National Mission for Mentoring, (NMM), Govt. of India.
- Member, Committee for UGC- NTA, Delhi, Govt. of India.
- Member, Reviewer Hub, Research Review Committee, ELSEVIER, UK.
- Member, Board of Lifelong Learning & Extension, SNDT University.
- Chairman / Member, Board of Studies in:
 - Extension Work, University of Mumbai
 - Nonformal Education, SNDT University
 - Adult Education, S. V. University, Tirupati
 - VC Nominee, BOS, Sathye College
 - VC Nominee, BOS, Chetana college
- Member, Research & Recognition Committee (RRC) / External Referee at:
 - SNDT University, Mumbai
 - S.P. Pune University
 - Shivaji University, Kolhapur
 - Dr. Ambedkar Marathwada University
 - University of Mumbai
 - S.V. University, Tirupati
 - Madras University
 - Nehu University, Shillong
 - Jammu University
 - Delhi University
 - Bharathiar University, Tamil Nadu
 - Gandhigram University, Tamil Nadu
- Member, Syllabus Committee, SRTM Nanded University.
- Member, Association of Indian Universities, New Delhi.
- Member, Core Committee for NEP Implementation, University of Mumbai
- Chairperson, Examination Committee for Education, UOM.
- Chairperson, Ph. D. VIVA in Education and Rural Development.
- VC Nominee and Subject Expert for Appointment of Professor & Principal in University and Colleges.
- Subject Expert, Govt. of Maharashtra.
- Resource Person, Orientation / Refresher Course, ICSSR.
- Member and Resource Person at:
 - Association of Lifelong Learning, UK.
 - Association of Continuing Education, Canada.

POSITIONS HELD	• Director, Department of Lifelong Learning and Extension • Director, Department of Student Development • Head, Department of Performing Folk Arts (Lok Kala Academy) • Head, Department of Education • Senate Member, University of Mumbai
BOOKS PUBLISHED	• Educational Management and Leadership ISBN 978-93-49554-77-1 • Knowledge as Power: Dr. B. R. Ambedkar's Educational Philosophy ISBN 978-93-49554-26-9 • Dr. B. R. Ambedkar: The Architecture of Women's Empowerment in Modern India- ISBN 978-93-49359-34-5 • Dr. B. R. Ambedkar and Indian Agriculture ISBN 978-93-49005-36-5 • Algorithmic Governance in Education ISBN 978-93-49005-78-5 • A Comprehensive Guide to Adult Education ISBN 978-93-83342-80-8 • Rural Development Strategies ISBN 978-93-83342-71-6 • Educational Technology ISBN 978-81-313-1583-5 • Extension Education ISBN 978-81-313-1653-5 • Lifelong and Adult Education ISBN 978-93-313-2242-5 • Advanced Educational Technology ISBN 978-93-313-2279-1
DOCUMENTS ON SCOPUS AND WEB OF SCIENCE AS FIRST AUTHOR www.scopus.com RESEARCH PAPERS / ARTICLES)	• Bridging Knowledge Gaps: Conceptual Frameworks for Inclusive Learning Dissemination in Development Impact Assessment. • Mapping Collaborative Governance for Effective Community Engagement in Urban Hygiene Campaigns. • Typology of Flexible Loan Structures for Microenterprise Lending: Balancing Sustainability and Client Needs. • Synthesizing Best Practice Frameworks for Enhancing Financial Literacy Support in Microenterprise Lending. • Convolutional Neural Networks for the Intelligent and Automated Detection of Mango Leaf Disease to enhance Crop Health Management. • Integrating IoT Sensors and Machine Learning for enhancing Crop Yield and Irrigation Efficiency systems. • Augmented Reality in Media-Based Learning Environments. • AI- Generated Learning Resources for Creative Fields. • Plant Disease Pathology: Causes, Machine Learning Based Detection, and Sustainable Management Strategies. • Designing Climate-Smart WASH Infrastructure for Flood-Prone Rural Areas • Bio- Fertilizers and their role in Sustainable Agriculture • Smart Groundwater Management: Affordable IoT based Solutions for Rural Water Supply. • Multi-Criteria Decision Analysis Using AI for Sustainable Animal Waste Management and Environmental Protection • Agro ecological Farming Practices for Enhancing Biodiversity Conservation and Ecosystem Resilience • Deep Learning Framework for the Automated Identification and Classification of Mango Disease, Pest and Healthy Conditions. • Plant Disease Pathology: Causes, Machine Learning-based Detection and Sustainable Management Strategies
PATENTS (Published & Granted) By Govt. of India	• An Agricultural Sensor Node for Soil and Crop Monitoring. • Bridging the Knowledge Divide: Financial Literacy as a Tool for Women Empowerment • AI Based Security and Home Surveillance Device
RESEARCH GUIDANCE	• Completed: Ph.D.: 09 Ongoing: 02 Masters:18 M. Phil: 01

PUBLICATIONS AND PRESENTATIONS	- Conference Presentations: International: 03 National: 42 - Papers Published: International: 12 National: 26 - Books Published: 11 Chapters Published: 08 Invited Lectures: 100+ - Document Published by Scopus and Web of Science: 16
CHAPTERS PUBLISHED	- Sustainable Agriculture Production Using Block Chain Technology ISBN 978-13-94248-67-4 (SCOPUS Document) - A Resilient and Scalable IoT Driven Precision Agriculture ISBN 978-969-758-777-1(SCOPUS Document) - Sustainability, Inclusive Development and Dr. B. R. Ambedkar ISBN 978-81-969676-9-7 - Dr. B. R. Ambedkar's Global Vision- For Agricultural Progress in India ISBN 978-93-48421-17-3 - Nurturing the Whole Being for the 21st Century ISBN -978-81-924111-5-6: - Extension Work: An academic Tool to implement Gandhian Philosophy ISBN-978-81-924111-5-7 - Higher Education in India: Vision 2025- Education: The Key to Success ISBN 978-81-94481-30-0 - Skill India: A Catalyst to Nation Building: Employability Skills in India. ISBN: 978-81-946373-4-9
BOOKS EDITED (University of Mumbai)	<u>TYBA- RURAL DEVELOPMENT (SEM-V)</u> - Paper-VII- Rural Resource Management. - Paper-VIII- Emerging Issues in Rural Development. - Paper-IX- Social Work for Rural Development. <u>TYBA- RURAL DEVELOPMENT (SEM-VI)</u> - Paper-VII- Rural Resource Management. - Paper-VIII- Emerging Issues in Rural Development. - Paper-IX- Social Work for Rural Development.
ACADEMIC CONTRIBUTIONS	- Member. LIC for continuation of recognition of Ph. D in Rural Development - Member of LIC for new subjects and affiliation of the college. - External Referee, Ph. D. VIVA - External Expert for RAC at National level. - IQAC Coordinator, DLLE. - Member IQAC for college. - Paper Setter and Moderator in Education, University of Mumbai - Translator for Distance Learning Resource Material, University of Mumbai - Course Writer & Editor for Rural Development, IDOL, University of Mumbai - Member, Syllabus Revision Committee in Rural Development. - Subject Teacher for Distance and Online Learning, University of Mumbai - Judge for Inter-collegiate/Institute/Department Cultural Competitions. - Referee, Avishkar Research Convention. - Member of the Advisory Committee of Youth Festival.
HIGH VALUED RESPONSIBILITIES (worked as):	- Reviewer, Research Review Committee, ELSEVIER, UK. - Member, Academic Council - Member Secretary, Board of Lifelong Learning & Extension, UOM. - University Nodal Officer, State Election Commission, Govt. of Maharashtra. - Counsellor, National Institute of Open Schooling (NIOS) Accredited Centre at University of Mumbai. - University Coordinator, UGC Schemes for Remedial Coaching for NET/SET. - Member, UGC Scheme for Preparation for civil services for reserved categories. - Member, E-Governance Project of Government of India at University. - Member, Skill Development Project of Govt. of Maharashtra.

	• Member, Venture Capital Scheme, Govt. of India. • Member, Mahatma Gandhi National Council for Rural Entrepreneurship. • Convenor, Equal Opportunity Cell, University of Mumbai.
CONSULTANT FOR ACADEMIC BODIES	• NAAC preparation for Extension Work in Affiliated Colleges. • Preparation of Academic Audit of the colleges. • Proposal Submission for Research Grants from various organizations. • LIC for new college, subject and additional division. • Implementation of NEP 2020 in the colleges.
SELF LEARNING MATERIAL (Chapters for Distance Education, University of Mumbai)	<u>TYBA- RURAL DEVELOPMENT</u> • Waste Management • Water Resources • Land Pollution • Rural Resources • Activities of Voluntary Organizations • Emergence of Voluntary Sector • Non-Government Organizations • Rural Urban Imbalance • Shrinking of Agricultural Land • Cooperative Sector • Water Pollution • Poverty • Social Research • New Economic Policy <u>SYBA- RURAL DEVELOPMENT</u> • Sem IV- Development Strategies • Sem III- Rural Society & Development Strategies <u>ADULT EDUCATION</u> • Alternate Learning Systems. • Adult Learning Methods. • Management of Continuing Education. • Continuing Education for Professional Groups.
DEVELOPED E- LEARNING MATERIAL (SELF INTERACTIVE)	• Computer Fundamentals. • Computer Assisted Teaching Learning. • Training in Computers Networking. • e-Learning material in Management. • B. Ed. Syllabus- Motivation
COMPLETED RESEARCH PROJECTS	• A Study of the Problems of Students Participating in Extension Education Program of University of Mumbai: An Execution of Remedial Approach. (University of Mumbai -2010) • A Study of Systematic Development of Extension Education Program in University of Mumbai (2015) • Study of the Impact of Extension Work on Rural Development. (University of Mumbai -2019).
UMBRELLA RESEARCH PROJECT	• Strategic Implementation of AI-Driven Smart Farming Solutions to Enhance Rural Economy in Maharashtra • Leveraging AI-Enhanced Content Delivery in NIOS: Opportunities and Challenges in Smart Learning.

CURRICULUM DESIGN	• Extension Work Subject, • M.A. in Rural Studies. • Developed 4 courses for 2 credits each in NEP
SKILLS	• Research and Innovation. • Leadership. • Data Analysis. • Curriculum Design.
SUBJECT TAUGHT (PG Level)	• Research Methodology in Education. • Pedagogy and Andragogy. • Sociology of Education. • Technology in Education. • History of Education. • Rural Development. • Extension Work • Educational Communication
TEACHING EXPERIENCE (25 YEARS)	• University Ph. D. Guide and PG Teacher for Education. • University Ph. D. Guide and PG Teacher for Rural Development • Handling extension education programs of University of Mumbai in Mumbai, Thane, Palghar, Raigad, Ratnagiri and Sindhudurg districts of Maharashtra. • Spreading awareness about social issues and problems in society in which more than 40,000 students of nearly 406-degree colleges are enrolled in Extension Work Activities through training sessions for teachers and students to conduct these activities in society. • Counseling Secondary & Senior Secondary Students of National Institute of Open Schooling, MHRD, Government of India. • Conducting Personal Contact Programs (PCP Lectures) for distance and online education, University of Mumbai.

Details are available at:

<https://orcid.org/my-orcid?orcid=0000-0001-8331-5363>

<https://vidwan.inflibnet.ac.in/profile/286437>

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