

DHANANJAY SAVITREE RAMRAO KALBANDE

Professor And Head, Computer Science and Engineering,
Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology, Mumbai.

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EDUCATION

Post Doctorate, Senior Research Fellow and Research Fellow: Tata Institute of Social Sciences, Mumbai	2016
Ph.D. (Technology), Mumbai University	2011
M.E. (Info. Tech): Mumbai University	2005
B.E. Computer: Nagpur University	1997

EXPERIENCE

Teaching: 24.3 Years | Admin: 12+ years | Industry: 6 months | Research 12 + Years

[●] HoD [Computer Engineering] : Apr 2012 to Oct 2019 [●]Dean [Industry Relation] : Jan 2017 to Oct 2022 [5.9 years]

[●] HoD [Computer Engineering] : Oct 2022 to Feb 2023 [●] HoD [Computer Science Engg]: 18th Feb 2023 to Present

Health Tech Startup

- Aim4u Software Solutions : Jun'23- Present [<https://aim4u.co.in/>]

Ongoing Research

- AI -companion for elderly and autistic children [<https://autobuddys.in/>]
- Technology for social cause [<https://techforsocial.com/>]
- AI DL virtual lab [<https://vlab.spit.ac.in/ai/>]
- AI for Climate Change [<https://www.ai4climate.in/>]

RESEARCH AND DEVELOPMENT

- Journal Publications : 2 National | 40 International
- Conference Publications: 7 National | 107 International
- Patents: 8 Filed | 4 Granted, 2 Copyrights
- Research Grants : 8 | 1 AICTE-IDEALab,2 AICTE ATAL-FDP, 4 Minor-UGC, 1 DST
- Professional Memberships : IEEE (93816789), ACM(3842437)
- Industrial Training / Workshop : 12
- Consultancy Activities : 04
- Certifications : GCP till date 25 Feb 2025
- Personal Affiliation : Recognized PG Teacher Ph.D. Guide of Mumbai University in Computer Engineering and IT. Recognized PG Teacher of Mumbai University in Electronics Telecomm. Engineering
- PG Guidance : Currently guiding 3 Research scholars for Ph.D [Tech] in Computer Engineering of Mumbai University.

SKILLS

Programming languages: Java, C++ ,Python

Subjects Taught: : Computer Networks, Artificial Intelligence, Human-Computer Interaction, etc.

Areas of Expertise:Machine Learning, Image Processing, IoT, Soft Computing

POST-PH.D WORK

- Research in Skin Image Analysis and Recognizing skin diseases at the early stage** 2016
 - Seth G.S.Medical College and KEM Hospital ,Parel Mumbai under the guidance of Dr. Uday Khopkar,KEM Hospital.
- Skin Image Analysis Software for diagnosis of chronic pruritic Skin Diseases at early stage**
- MIS Application for Skin and VD Department, KEM Hospital, Parel, Mumbai** 2018
- Track on Park : Artificial Intelligence for detecting abandoned vehicles** 2019
 - in collaboration with MCGM, K-Ward, Andheri West, Mumbai.
- Analytical study of Climate change and Medicinal Plant classification** 13th May 2022 - Present
 - in collaboration with Bombay College of Pharmacy and Dept.of Geography , Mumbai University

ACHIEVEMENTS

- 9 Awards and Recognitions
- Guided 16 M.E./M.Tech. and 10 Ph.D. students
- Conducted 25 Workshops/STTPs/Seminars
- Consultant for software development projects
- Expert and Resource Person[Board of studies,Governing Council, RRC, Academic Audits, Staff Selection etc]