



# SOMAIYA

VIDYAVIHAR UNIVERSITY

K J Somaiya Institute of Management

## DR. KRANTEE M. JAMDAADE

krantee@somaiya.edu | 9769770360

### EDUCATION

- **Ph.D.** (Comp. Sc.) (November, 2019),  
University Of Mumbai, India
- **M.Phil.** (Comp. Sc.) (June, 2011), with distinction,  
YCMOU, Nashik, India
- **MCA** (Computer Applications), 2006,  
University of Mumbai, India
- **P.G. D.C.A.** (November, 1995)  
Pt. Ravishankar Shukla University, Chattisgarh, India
- **B.Sc. (Maths)**, (June, 1994),  
Pt. Ravishankar Shukla University, Chattisgarh, India

### EXPERIENCE

- At present serving KJSIM since November 2021
- Worked as Assistant Professor in **Thakur Institute of Management Studies Career Development & Research**, Kandivali (E) Mumbai from **12/02/2021 to 1/11/2021. [8 months]**
- Worked as an Assistant Professor in **Bhausahab Hiray S.S. Trust (ICA)** from **22/08/2007 to 11/02/2021. [13 yr. 6 months]**
- Worked as a Fulltime faculty at **R. D. National College** Bandra (W) from **19/07/2006 to 30/05/2007. [1 yr.]**
- Worked as a Fulltime faculty at **Bhavan's College** Andheri (W) from **12/07/2001 to 19/10/2002. [1 yr. 3 months]**

### NON ACADEMIC

- NIL

### AWARDS & HONOURS

- Received **best paper award** under Machine Learning Track in January 2023 at the **ICDMAI 23** conference
- Won **THIRD PLACE** in [2024 Health Tech Case Writing Competition](#)

### OTHER AFFILIATIONS

- **Member of the Board of Studies** in the subject of Information Technology for the First Year Undergraduate and First Year Post Graduate Degree Program of **G. N. Khalsa College** (Autonomous)
- **Paper setter** for MCA Semester I ESE examination of **Vivekanand College, Chembur**

### TEACHING AREAS OF EXPERTISE

- Mentoring capability
- Good teaching abilities
- Passionate researcher
- Innovative
- Service-focused

## **PUBLICATIONS | International Conference:**

1. Presented paper titled as “Rule Based System to facilitate the immunity of HIV/AIDS patients using Ayurveda Therapy” in ACM Technology Conference at Pune in 2012. It is available at <http://dl.acm.org/citation.cfm?id=2381760>
2. Presented paper titled as “Comparison of Expert System Building Tools: A case study of OPM and OpenRules Dialog” in INDIACOM-17, IEEE Xplore, ISSN Number: 0973 – 7529, in 2017. It is available at <https://bvicam.ac.in/news/INDIACom%202017%20Proceedings/Main/papers/2335.pdf>
3. Presented paper titled as “Verification, Validation and Evaluation of Medicinal Prescription System” in ICDMAI 2021, in January 2021. The paper is published as chapter in the book Data Management, Analytics and Innovation of SPRINGER. It is available at [https://link.springer.com/chapter/10.1007/978-981-16-2934-1\\_1](https://link.springer.com/chapter/10.1007/978-981-16-2934-1_1)
4. Presented paper titled as “Prakruti Nishchitikan of Human Body using Supervised Machine Learning Approach” in ICDMAI 2023, in January 2021. The paper is published as chapter in the book Data Management, Analytics and Innovation of SPRINGER. It is available at [https://link.springer.com/chapter/10.1007/978-981-99-1414-2\\_16](https://link.springer.com/chapter/10.1007/978-981-99-1414-2_16)
5. Published as a book chapter in “A Review On Categorization Of Waste Using Transfer Learning” with MCA Students Mrutunjay Biswal & Yash Pitre available at <https://www.eurekaselect.com/chapter/22269>  
[DOI: 10.2174/9789815179606124010006](https://doi.org/10.2174/9789815179606124010006)

### ▪ **In UGC approved Journals [Earlier they were in UGC Care List]:**

1. Intelligent Medicinal Prescription System for HIV/AIDS patients using Ayurveda Therapy: Working of inference engine of Oracle Policy Modeling and CORVID, published in International Journal of Application or Innovation in Engineering & Management (**IJAIE**M), in 2018.
  2. Comparison of Expert System Building Tools: A case study of OPM and OpenRules Dialog, published in International Journal on Future Revolution in Computer Science & Communication Engineering (**IJFRSCE**), in 2018.
- National Conference:
- Presented paper titled as “Expert System for Diagnosing HIV/AIDS using Ayurveda Therapy” (HIVESAT) in Aurangabad. Maharashtra in 2011

## **PATENTS |**

- Design Patent of “NIDAN Diagnostic and Monitoring system” granted on Sept 2023
- Design Patent of “AN INTEGRATED BIOMETRIC PERFORMANCE AND WELLNESS ASSESSMENT TREADMILL SYSTEM” granted on 26 April 2024
- Design Patent of “SOLAR POWERED TREADMILL INTEGRATED WITH PERFORMANCE AND WELLNESS ASSESSMENT BIOMETRIC SYSTEM” granted on 3 May 2024

**FUNDED  
RESEARCH  
PROJECTS**

- Development and Evaluation of Medicinal Expert System to Improve the Immunity of HIV/AIDS Patients using Ayurveda Therapy, funded by Deccan Education Society (Kirti College, Dadar)

**INSTITUTE/  
UNIVERSITY  
SERVICE**

- Working as **Assistant Professor** in **KJSIM** since **08/11/2021**.
- Worked as **Assistant Professor** in **Thakur Institute of Management Studies Career Development & Research**, Kandivali (E) Mumbai from **12/02/2021 to 1/04/2021**.
- Worked as an **Assistant Professor** in **Bhauasaheb Hiray S.S. Trust (ICA)** from **22/08/2007 to 11/02/2021**.
- Worked as a Fulltime faculty at **R. D. National College Bandra (W)** from **19/07/2006 to 30/05/2007**.
- Worked as a **Fulltime faculty** at **Bhavan's College** Andheri (W) from **12/07/2001 to 19/10/2002**.

**DOCTORAL  
THESIS  
PRINCIPAL  
ADVISER**

- Development and Evaluation of Medicinal Expert System to Improve the Immunity of HIV/AIDS Patients using Ayurveda Therapy
- Dr. Seema U. Purohit  
Principal, Brihan Maharashtra College of Commerce-BMCC, Pune,  
Maharashtra  
Mob: +91 98 21 317128/ +91 92 25 340932

**DOCTORAL  
THESIS  
COMMITTEE  
MEMBER**

- **Chair Person** – Dr. Deven Shah  
Vice Principal, TCET, Kandivali E.
- **Head of the Dept** - Dr. Ambuja Salgaonkar  
Department of Computer Science,  
University of Mumbai
- **Research Guide** - Dr. Seema Purohit  
Department of Computer Science,  
University of Mumbai

**RESPONSIBILITIES  
HANTELED IN  
KJSIM**

- **ICON' 23 CONVENOR**- Successfully Conducted DST Department's It Tech Fest from 25<sup>th</sup> TO 27<sup>th</sup> October 23
- **MCA Practical Exam In charge**
- **MBA PT IM Program Co-coordinator**
- **Member of Disciplinary Committee**
- **Member of Pathfinders & E Cell Committee**
- **Member of Capstone Project Committee**

**PAPERS IN  
PIPELINE**

- Blockchain based Information System Framework for the Diamond Industry and its Level of Adoption in India, **with MBA DSA student Mr. Ayush Narula**
- Machine Learning application for prediction of Pilonidal Sinus or Fistula Disease **with MCA students Siddhant Puthran & Raj Rathod**
- Identification of Adulterants in Watermelon using IoT-based Technology **with MCA students Shruti Rane & Shashi Ranjan**