Narayan Pandurang Kharaje

BE, ME, PhD(Pursuing)

Experienced academic and placement strategist with 15+ years in higher education, specializing in AI & ML, student career development, and industry engagement. Currently serving as TPO and HoD (AIML), I've led 100+ recruitment drives and soft skills programs, achieving consistent placement success. Recognized with Best TPO and Research Excellence Awards, I'm passionate about bridging the gap between academia and industry through innovative training and leadership.

✉ npkharaje@gmail.com, nkharaje@gmail.com   📱 9892191369/8433671007

📍 A-201, New Gharkul Building, Sect-1E, Kalamboli, Navi Mumbai-410218.

SOFTWARE EXPOSURE

C	Python	Arduino
C++	Windows	PIC Kit-2
VHDL	LATEX	
MATLAB Programming	Xillinx Spartan-3 FPGA Kit	

SUBJECTS TAUGHT

AI, AAI, DC, DWM, Soft skill Training, Project Management, NMOT, OOPM, EDC, ECAD, Linear integrated circuit, ECAD, DIP, TVE, Microprocessor, Analog communication, Digital technique, Environmental Studies, OOP, EIC, ED etc.
Related subjects to AIML, Computer, EXTC department all subjects.

EXPERIENCE

Assistant Professor in Computer Engineering Department

SLRTCE, Mira road, Mumbai – *Jun 2025 – Present*

Training Head and HOD of AIML

GVAIET, Shelu, Karjat – *Jan. 2024 – 31st May 2025*

Dean, Training & Placement Officer

Smt. Indira Gandhi College of Engineering, Ghansoli, Navi Mumbai   *Oct 2021 - Dec 2023*

Training & Placement Officer

Adarsh Institute of Technology and Research Centre, Vita   *Nov 2019 - Dec 2021*

Assistant TPO & Professor

Padmabhushan VasantDada Patil Pratishthan's College of Engineering, Sion   *Aug 2017 - May 2019*

Assistant Professor

Smt. Indira Gandhi College of Engineering, Kopar Khairane   *Jun 2016 - Jul 2017*

Lecturer

SMDL Sr. College, Kalamboli   *Jul 2012 - May 2016*

Subjects taught:

Mathematics

EVS

Electronics

Lecturer

Vidhyabhavan Jr.College Nerul   *Jul 2009 - May 2012*

Subjects Taught:

Physics

Electronics

Mathematics

PROJECTS

Accelerometer based Digital Pen for Handwritten Digit and Gesture Recognition for Paralyzed Patient

M.E. Project

> Objective : Implementation of Accelerometer based Digital Pen for Handwritten Digit and Gesture. Recognition for Paralyzed Patient Accelerometer based Digital Pen for Handwritten Digit and Gesture Recognition for Paralyzed Patient.

Fingerprint Recognition System

B.E. Project

> Thumb Recognition System .
>
> Objective : Detection of coloured object using Fingerprint Recognition System. Included MATLAB Programming, PIC Microcontroller Programming, Serial Port Interfacing, Camera Interfacing.

EDUCATION

PhD

Pillai College of Engineering   *Present*

M.E (ETRX)

Ramrao Adik Institute of Technology, Navi Mumbai.   *Jul 2014 - Nov 2016*

BE (ETRX)

Ramrao Adik Institute of Technology, Navi Mumbai.   *Jul 2003 - Dec 2008*

H.S.C

Jawaharlal Nehru Vidhyalay Zare.   *Jul 1999 - Feb 2002*

S.S.C

Vibhutwadi Highschool Vibhutwadi   *Jun 1998 - Mar 1999*

RESEARCH ACTIVITIES & ACHIEVEMENTS

Research excellence award 2021

> Research paper 1: Narayan P.Kharaje , Kausar Fakir, Sushma Kodagali "Accelerometer based Digital Pen for Handwritten Digit and Gesture Recognition for Paralyzed Patient." *"Techno-logical Advancement and Automatization in Engineering "* NCTAA-2016, In Partnership with IJSRD, in Atharva College of Engineering,Malad January 28-29, 2016, Mumbai,India.
>
> Research paper 2:- Narayan P.Kharaje , Kausar Fakir, Sushma Kodagali "Digital Pen for Paralyzed Patient." *"5th IEEE International Conference on Communication and Signal Processing- ICCSP'16, Department of Electronics and Communication*

Engineering Adhiparasakthi Engineering College E-mail:iccsp2016@gmail.com 06, 07 and 08th April 2016 , Melmaru-vathur, Tamilnadu, India - 603319.

Research paper 3:- Narayan P. Kharaje "Design Medical Application using Wireless Sensor Network." *"4th IEEE International Conference on Innovation and Research in Technology and Engineering"*- ICIRTE-2017,*with IJERCSE e-ISSN:2394-2320, Padma Bhushan Vasant Dada Patil Pratishthan's College of Engineering, E-mail:* icirte2017@pvppcoe.ac.in 26th and 27th October 2017 *Sion- Chunabhatti, Mumbai-400022.*

Research paper 4:- Narayan P. Kharaje "Accelerometer Based Device for Handwritten Digit and GestureRecognition." *"4th IEEE International Conference on Innovation and Research in Technology and Engineering"*- ICIRTE-2017,*with IJERCSE e-ISSN:2394-2320, Padma Bhushan Vasant Dada Patil Pratishthan's College of Engineering, E-mail:* icirte2017@pvppcoe.ac.in 26th and 27th October 2017 *Sion-Chunabhatti, Mumbai-400022.*

Research paper 5 :- Manorama V. Tiwari, Narayan P. Kharaje, Harsha Sanap "Removal of Impulse Noise Using Different Filters." *"4th IEEE InternationalConference on Innovation and Research in Technology and Engineering"*- ICIRTE-2017, *with IJERCSE e-ISSN:2394-2320, Padma Bhushan Vasant Dada Patil Pratishthan's College of Engineering, E-mail:* icirte2017@pvppcoe.ac.in 26th and 27th October 2017 *Sion-Chunabhatti, Mumbai-400022.*

Applications of RedTacton Technology (SEMINAR)

M.E. Research Project

(Guide: Mrs Kausar Fakir,Co-Guide: Mrs Sushma Kodagali, May'14)

Objective : Performance enhancement of RedTacton Technology. Work focuses on faster execution of Applications of RedTacton Technology.Studied various papers related to Applications of RedTacton Technology and also presented Dissertation seminar.

LANGUAGES

English   Hindi
Marathi

AWARDS

Best TPO Award
2025-02-07

Best TPO Award
2024-04-01

Best TPO Award
2023-05-04

Best TPO Award
2021-04-02

Research Excellence Award
2022-06-04

Research Excellence Award
2022-04-02

FIELD OF INTEREST

Training and Placement

Skill development programmes for students

Learning new ideas

Playing ground sports

Reading books & subject literature like TPO, VLSI Design, Computer Vision, Electronic circuits, Image Processing, Embedded Systems, Robotics, EIC, OOPM, TVE, and all faculty-related information.

DECLARATION

I hereby declare that the particulars given here in are true to the best of my knowledge and belief. If any of this information is found to be false or incomplete, I will be responsible for it.

Training Head & HoD