Prof. Pranoti Nage

ACADEMIC QUALIFICATION

DEGREE	YEAR	UNIVERSITY	INSTITUTE
PhD Pursuing (Computer Science & Technology)	-	SNDT Women's University	UMIT, Santa-Cruz
M. Tech. (COMPUTER ENGINEERING)	2015-2017	Autonomous , affiliated to University of Mumbai	VJTI, Mumbai
B.E. (COMPUTER ENGINEERING)	2011-2015	University of Mumbai	Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai

PROJECTS & RESEARCH WORK
- Research Domain of PhD is **"Medical Imaging"** Focusing on the Development of Framework to detect ophthalmic disease.
- Mtech final year project on "**PLAGIARISM DETECTION AND VISUAL INSPECTION OF DATA"** This project focuses on detecting the data used by the user from different sources and analysing it. Visualization tools will be used for showing the details graphically with analysis and rating purpose.
- B.E. final year project on "**VISUALIZATION AND ANALYSIS OF 3D SCIENTIFIC DATA".** This project work focuses on the development of a Data Analysis GUI software for visualization and analysis of 3-D model of solid industrial objects in MATLAB using Digital Radiography (DR). DR is a form of x-ray imaging, where digital x-ray sensors are used. Advantages of DR include time efficiency, ability to digitally enhance and transfer images.
- Completed a website design on **"Tour Management"** as a summer project.
- Completed a website design on **"Jewellery Shopping System"** using PHP and MySql

INDUSTRIAL TRAINING & PUBLICATIONS
- Nage, P., Shitole, S. A Survey on Automatic Diabetic Retinopathy Screening. SN COMPUT. SCI. 2, 439 (2021). https://doi.org/10.1007/s42979-021-00833-z
- Pranoti Nage, Sanjay Shitole & Manesh Kokare (2023) An intelligent approach for detection and grading of diabetic retinopathy and diabetic macular edema using retinal images, Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization, 11:5, 1625-1640, DOI: 10.1080/21681163.2022.2164358
- P. Nage, A. Pandit, S. Jeurkar and S. Shitole, "Diabetic Retinopathy Detection using Android Application," 2022 IEEE Bombay Section Signature Conference (IBSSC), Mumbai, India, 2022, pp. 1-6, doi: 10.1109/IBSSC56953.2022.10037368.(IEEE).
- P. Nage and S. Shitole, "Analysis of Image Processing Techniques for Retinal Fundus Images in Detection of Ophthalmic Disease Screening," 2023 14th International Conference on Computing Communication and Networking Technologies (ICCCNT), Delhi, India, 2023, pp. 1-4, doi: 10.1109/ICCCNT56996.2023.10306704. (IEEE)

- Nage, P., Shitole, S., & Kokare, M., The Impact of Climate Change on Eye Health"- Submitted in International Conference on Climate Change 2025 (ICCC2025) Climate Action, Collaboration and Sustainable Development by SNDT University, Scopus Indexed, ISBN : 978-93-48606-60-0

- Pranoti Nage,Priyanka Sharma,Vaishali Salvi,Jyothi Arun,Pragyamani Sharma "Visualization And Analysis Of 3D Scientific Data" IOSR Journal of Engineering (IOSR JEN) ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 37-40.(March-2018)
- Reena Somani, Sejal D'mello,Vaishali Salvi, Rovina D'britto,Pranoti Nage "Software Testing Strategies and Techniques" IOSR Journal of Engineering, ISSN (e): 2250-3021, ISSN (p): 2278-8719 Volume 8, PP 40-46.(March-2018)
- Sejal D'mello1, ReenaSomani2, VaishaliSalvi3, Rovina Dbritto4, Pranoti Nage "Study of Ism Band Technologies" IOSR Journal of Engineering, ISSN (e): 2250-3021, ISSN (p): 2278-8719 Volume 8, PP 35-39.(March-2018).
- Poster presentation on "Visualization And Analysis Of Industrial Objects Using 3d Image Processing", SNDT Avishkar Mumbai, 15th January 2020
- Completed BE Final year project with BARC, Trombay.
- Snigdha S. Parthan, Aditi Deodhar, Pranoti Nage, Rupali Deshmukh, "Visualizing and Analyzing Industrial Samples Using Non-Destructive Testing" in International Journal of Software and Web Sciences (IJSWS), ISSN (Print): 2279-0063, ISSN (Online): 2279-0071, Issue 11, Volume 1, pp. 35-39. December 2014 to February 2015
- Jijnasa Patil,Pranoti Nage,Gagandeep Chhabda,Shreyansh Jain," Application of Data Mining Techniques for Web Personalization" in International Journal of Advance Research in Computer Science and Management Studies(IJARCSMS),ISSN(Print): 2347-1778, ISSN (Online): 2321-7782, Volume 4, Issue 3, March 2016
- Pranoti Nage ,Sowmiyaraksha R Naik , "A Survey on Plagiarism Detection and Visual Inspection Using Hadoop" in International Journal Of Innovative Research In Computer And Communication Engineering(IJIRCCE),ISSN(Print): 2320 - 9798, ISSN (Online): 2320 – 9801, Volume 5, Issue 2, February 2017

PROMINENT COURSES DETAILS		
Sr. No.	Type of Activity	Activity
1	Course	Good Clinical Practices.
2	Course	Completed Course on "Ethics Review of Health Research (NIE-ICMR e-Certificate course: NIeCer 102), supported by the World Health Organization (WHO), India".
3	FDP	Dale Carnegie's FDP
4	Coursera Course	Machine Learning for All
5	AICTE Training And Learning (ATAL) Academy	3D Printing & Design
6	Workshop	Writing Documents in LaTeX
7	Webinar	How to write a Quality Technical Paper
8	FDP	AICTE approved FDP101X and FDP201X on "Foundation Program in ICT for Education" & "Pedagogy for Online and Blended Teaching- Learning Process

9	NPTEL exam	Leadership
10	NPTEL exam	Introduction to Internet of Things"
11	NPTEL exam	Programming Data Structures and Algorithms using Python

COMPUTER SKILLS

Basic knowledge of the following languages:
- JAVA
- HTML
- C++
- PHP & MYSQL
- Matlab
- Python