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TULSIRAMJI GAIKWAD-PATIL College of Engineering & Technology

Approved by AICTE, New Delhi and Govt. of Maharashtra | Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

AN AUTONOMOUS INSTITUTE

Department Of Information Technology

IT INSIGHT

"नवचिन्तनम् नवसृष्टिः भविष्यस्य निर्माणम्"

ANNUAL MAGAZINE 2025-26

Volume: 07 Session:1

GAIKWAD-PATIL GROUP OF INSTITUTIONS

- FACULTY EDITOR : MR. JAYESH FATING
- STUDENT CHIEF EDITOR : MS. ARYA DESHMUKH
- STUDENT ASSOCIATE EDITOR : MR. PRATIK SABLE

GAIKWAD-PATIL GROUP OF INSTITUTIONS

VISION OF THE INSTITUTE

To emerge as a learning Center of Excellence in the National Ethos in domains of Science, Technology and Management.

MISSION OF THE INSTITUTE

- To strive for rearing standard and stature of the students by practicing high standards of Professional ethics, transparency and accountability.
- To provide facilities and services to meet the challenges of Industry and Society.
- To facilitate socially responsive research, innovation and entrepreneurship.
- To ascertain holistic development of the students and staff members by inculcating Knowledge and profession as work practices.

VISION OF THE DEPARTMENT

To emerge as a learning hub and centre of excellence in the domain of Information Technology

MISSION OF THE DEPARTMENT

- To impart quality technical education through effective teaching learning process.
- To provide a platform to address societal issues as well as challenges faced by IT industries.
- To foster a culture of research and impart innovative and entrepreneurial skills in the field of IT.
- To ensure overall development of students and staff by inculcating knowledge and professional ethics as a part of lifelong learning.

PEO'S OF DEPARTMENT

Graduate will be able to

PEO1: Demonstrate essential technical skills to identify, analyze, and solve problems and design issues in IT sector.

PEO2: Apply field knowledge, research and professional practices to meet the requirements of industries.

PEO3: Imbibe lifelong learning practices and entrepreneurship skills in tune with emerging technologies.

PEO4: Inculcate professional ethics and managerial skills to satisfy real life problems for serving the needs of society and environment

PSO'S OF DEPARTMENT

Graduate will be able to

PSO1: Develop and apply logical and programing skills to solve real-world challenges.

PSO2: Utilize knowledge of software engineering and network techniques to design and implement efficient solutions.

PSO3: Leverage computing knowledge to conduct research and adopt emerging technologies in the development of IT systems.

PROGRAM OUTCOMES

PO 1 – Engineering Knowledge 💡

PO 2 – Problem Analysis 🔍

PO 3 – Design/development of Solutions 🎨

PO 4 – Conduct Investigations of Complex Problems 🔬

PO 5 – Engineering Tool Usage 💻

PO 6 – The Engineer and the World 🌍

PO 7 – Ethics ⚖️

PO 8 – Individual and Collaborative Team Work 👫

PO 9 – Communication 🗣️

PO 10 – Project Management and Finance 📈

PO 11 – Lifelong Learning 📚

TULSIRAMJI GAIKWAD-PATIL College of Engineering & Technology

ABOUT TGPCET

Tulsiramji Gaikwad-Patil College of Engineering and Technology (TGPCET) was established in the year 2007 by Vidarbha Bahu-uddeshiya Shikshan Sanstha (VBSS), a registered society. It is a self financed Private Engineering College, which is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) Nagpur and is approved by All India Council for Technical Education, New Delhi. Also college is approved by Directorate of Technical Education (DTE), Mumbai, Maharashtra State. The Institute is Accredited with A+ (3.32 CGPA) by NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC). An Autonomous Institute affiliated to RTM Nagpur University, Nagpur.

ABOUT DEPARTMENT

The Department of Information Technology offers a B.Tech program since 2007 and a newly launched M.Tech in Artificial Intelligence & Machine Learning (Intake: 18). Backed by experienced faculty, the department is committed to delivering quality, value-based technical education.

With a dedicated departmental library of over 100 reference books, the department focuses on areas like Software Development, Testing, E-Governance, and E-Commerce, ensuring students are industry-ready through hands-on training and exposure to cutting-edge technologies.

Key Highlights:

Industry-sponsored and innovative student projects

Strong industry-academia collaboration

Active professional society chapters (IEI, ISTE, CSI)

Regular STTPs, FDPs, and hands-on workshops

Management Desk

Dr. Mohan Gaikwad Patil
Chairman GPGI

It gives me immense pleasure to present this edition of the Technical Magazine. This magazine reflects the creativity, innovation, and technical excellence of our students and faculty. Education is not only about acquiring knowledge but also about developing skills and innovative thinking. Our institution always encourages students to explore new technologies and contribute to the development of society through technical knowledge.

I congratulate the editorial team, faculty members, and students for their dedicated efforts in bringing out this wonderful publication. I wish them continued success in all future endeavors

Mr. Akash Gaikwad Patil
Vice-Chairman GPGI

It is a matter of great pride to see the publication of this Technical Magazine, which showcases the talents and achievements of our students.

Technical education plays a vital role in shaping future professionals. This magazine provides a platform for students to express their ideas, research, and innovative projects.

I appreciate the sincere efforts of the editorial team and contributors. I hope this magazine will inspire students to think creatively and achieve excellence in the field of technology.

Management Desk

Dr. Sandeep Gaikwad
Treasurer, GPGI

I am delighted to convey my best wishes to the Department of Information Technology for the publication of the newsletter Infotimes. Such initiatives play an important role in encouraging students to share technical knowledge and innovative ideas.

This newsletter reflects the collective efforts of students and faculty in promoting learning beyond the classroom. I congratulate the entire team for their dedication and hope that Infotimes will continue to grow as a valuable source of knowledge and inspiration.

Dr. P. L. Naktode,
Principal TGPCET

I am pleased to extend my best wishes to the Department of Information Technology for publishing the newsletter Infotimes. This initiative provides a valuable platform for students and faculty to share their knowledge, creativity, and technical achievements.

I congratulate the entire editorial team for their dedicated efforts and hope that this newsletter will continue to encourage innovation and academic excellence among students

Dr. Pragati Patil
Vice-Prinicpal TGPCET

I extend my heartfelt congratulations to the Department of Information Technology for the publication of Infotimes. The newsletter reflects the enthusiasm, technical skills, and innovative ideas of our students. I appreciate the sincere efforts of the faculty and students involved in this initiative and wish them continued success in future editions.

Head of Department

Prof. Abhay Rewatkar
HoD, IT

Dear Readers,

I am delighted to present the welcome message for our magzine “IT Insights” which gives glimpses of the cumulative efforts of the Department of Information Technology (TGPCET) & highlights major key activities that have taken place during the academic year 2025-26(Odd Semester) guided by the Honorable Management & Principal and supported by the administration. Welcome to this edition, where we explore key developments, trends, and innovations shaping the information landscape. In today's fast-evolving digital era, staying informed is not just an advantage but a necessity. As information professionals, we must embrace continuous learning, harnessing emerging technologies like AI, data analytics, and cybersecurity to remain relevant and efficient. At Info Times, we encourage collaboration and knowledge sharing. Let’s foster a culture of innovation and adaptability, ensuring that we are not just keeping up but leading the way in this information-driven world. Our department has a team of qualified and experienced faculty and staff members and we are striving hard continuously to improve upon the quality of education and to maintain its position of leadership in engineering and technology. The core values of the department help the students to develop their overall personality and make them worthy technocrat to compete and work at global level. I am certain that our students will prove to be an invaluable asset to an organization.

Editor Note

Mr. Jayesh Fating
Assistant Professor

Dear Readers,

It gives me great pleasure to present the latest edition of our Information Technology Department Magazine, reflecting our academic achievements and innovative spirit.

This issue highlights innovative projects, research works and faculty accomplishments while exploring emerging technologies such as Artificial Intelligence, Cloud Computing, Cyber Security, and IoT that are transforming the digital world. Modern trends like AI-enabled systems and smart connected technologies are shaping the future of IT and innovation.

The creativity of our students and the dedication of our faculty continue to make our department a center of learning and innovation.

Happy Reading!

Editoral Body

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Tulsiramji Gaikwad Patil College of Engg.

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Index

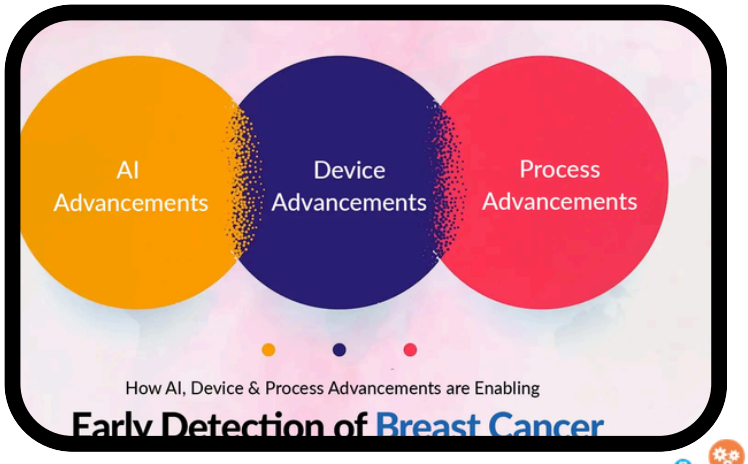
Research Articles

Title: Engineering Smart Systems for Early Breast Cancer Detection

Author: Ms. Anita Yadav, Assistant Professor, IT Dept

Abstract: Finding breast cancer early makes treatment much more likely to work and increases the chance of life. Engineering smart systems have become useful tools for finding breast cancer earlier thanks to improvements in technology. They make the diagnosis more accurate and faster. This essay talks about many technical methods for finding breast cancer early, with a focus on how machine learning, artificial intelligence (AI), and advanced imaging technologies can be used together. In particular, it looks at how to create smart systems that use data from mammograms, ultrasound, and magnetic resonance imaging (MRI) to find and describe breast problems in their early stages. The study also talks about how AI algorithms, like convolutional neural networks (CNNs) and deep learning models, can be used to automatically analyse pictures of breast tissue, cutting down on mistakes made by humans and making estimates that are more accurate. The addition of these technologies to smart tech and mobile apps makes breast cancer screening even easier to get and more accessible. This makes real-time analysis and early action possible. The study also talks about the possibility of multi-modal data fusion, which means mixing different imaging methods to make cancer diagnosis more sensitive and specific. Creating these kinds of smart tools could change the way breast cancer is diagnosed by making it cheaper, more accurate, and more individualised for each patient. Lastly, social issues, data protection, and the future of these smart systems are talked about to make sure they can be used in real healthcare situations.

Keywords: Breast Cancer Detection, Artificial Intelligence, Machine Learning, CNN, Medical Imaging, Mammography, Deep Learning, Smart Healthcare, Early Diagnosis, AI in Medicine



Research Articles

Title: Secure Multi-Channel Result Dissemination and Student Verification Framework for Assistive Digital Examination Systems for Students with Motor Disabilities

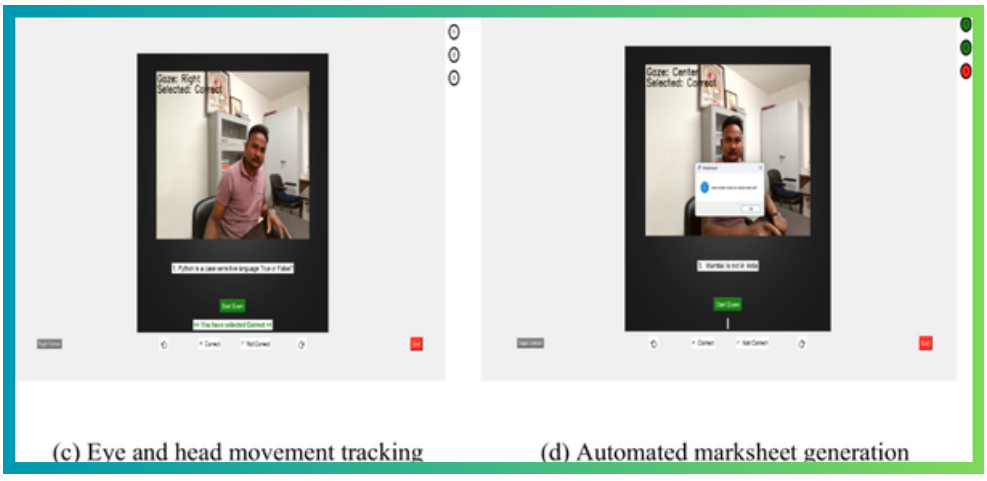
Author: Ms. Leena Suryawanshi, Assistant Professor, IT Dept

Abstract: This work proposes a secure multi-channel result dissemination and student verification framework designed for assistive digital examination systems, particularly for students with motor disabilities. The framework ensures reliable and accessible communication of examination results through multiple channels such as web portals, mobile applications, email, and SMS while maintaining strong data security and privacy. Multi-factor authentication and verification mechanisms are integrated to protect sensitive academic data and ensure that only authorized students can access their results. Secure authentication techniques have been shown to improve privacy and integrity in digital result systems.

The system incorporates assistive technologies to support students with motor impairments, enabling easy interaction with digital platforms and promoting inclusive education. Assistive technologies play a significant role in improving accessibility and participation of students with disabilities in higher education environments.

The proposed framework enhances accessibility, security, and efficiency in digital examination systems, providing a reliable solution for inclusive and assistive e-assessment environments.

Keywords: Assistive Technology, Digital Examination System, Result Dissemination, Student Verification, Multi-Factor Authentication, Accessibility, Motor Disabilities, Secure Systems, E-Assessment, Inclusive Education



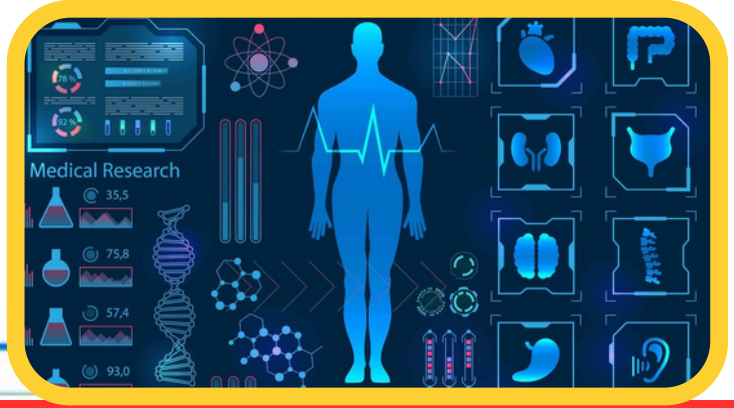
Research Articles

Title: Holistic AI Wellness System: Family-Centric Care with Ayurvedic Insights and Personalized Conversations - Zeniva

Author: Mr. Abhay Rewatkar, Assistant Professor, IT Dept

Abstract: The Zeniva is a state-of-the-art AI-based healthcare platform that is built to merge biometric monitoring, emotional intelligence, predictive analytics, and holistic wellness concepts to offer individualized and preventive healthcare solutions. Unlike traditional systems, which only aim to monitor physiological health, the system has a complete approach and focuses on physical and emotional health simultaneously through real-time monitoring, early disease diagnosis, and individualized wellness guidance. The system constantly monitors key health parameters, such as heart rate, blood pressure, oxygen, glucose, and stress markers, with AI-driven biometric analysis. Using machine learning algorithms and pattern recognition, it detects potential health threats and recommends preventive measures before symptoms arise. It also incorporates emotional intelligence technology, scanning facial expressions, tone of voice, and behavioral tendencies to monitor mental well-being and offer customized stress management techniques, including guided meditation and relaxation exercises. The most interesting feature of the system is its AI-powered voice modulation, where users can record the voice of a loved one and have AI replicate it for emotional comfort and interaction. Additionally, the system includes holistic wellness intelligence, examining imbalances in Ayurvedic doshas and giving tailored dietary, herbal, and lifestyle advice to facilitate natural healing and wellness. The system, by integrating conventional medicine with holistic health traditions, produces a balanced adaptive healthcare model. It also enables AI-enabled telemedicine with smart doctor referrals, automated health reports, and virtual consultation assistance, guaranteeing effective and data-driven healthcare engagements. The Zeniva is the future of smart healthcare, promising a proactive, adaptive, and personalized system of health care.

Keywords: AI-driven healthcare, biometric monitoring, predictive analytics, emotional intelligence, disease prevention, telemedicine, holistic wellness, Ayurvedic healthcare, personalized health tracking, AI-assisted therapy



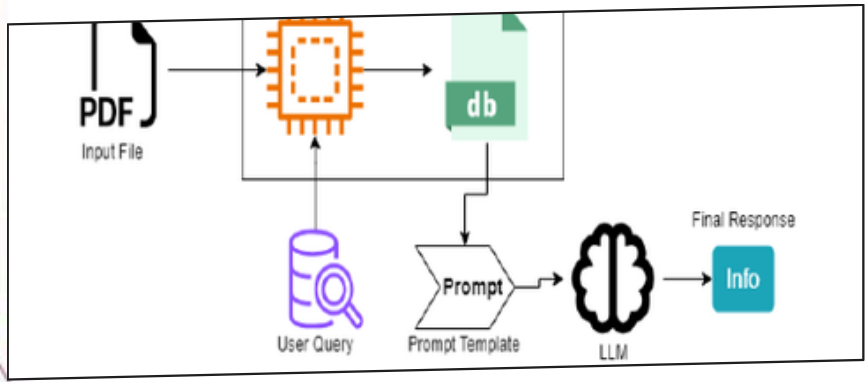
Research Articles

Title: Integrating Open-Source LLMs with Retrieval-Augmented Generation for Obstetrics and Gynecology Domain

Authors: Ms. Sayara Bano Sheikh, Assistant Professor, IT Dept

Abstract: In this research paper, we address the integration of Large Language Models (LLM) with Retrieval Augmented Generation (RAG) to enhance clinical decision support and address patient doubts in the Obstetrics and Gynecology (OBGYN) domain. The research mainly tries to explore on How open source LLM's can effectively retrieve and generate the relevant responses in the OBGYN domain. The research methodology includes two components: Data Ingestion, which reads the input text data and stores it to a vector database in an embedded format and Data Retriever-Generation, which retrieves the relevant information from the vector database and use it for accurate response generation. The method includes data collection from esteemed medical databases, LLM model selection, integration with RAG and evaluation of the generated outputs. The methodology uses Bio-Mistral 7B fine-tuned LLM with PubMed Bert embeddings. The LLM responses are evaluated using the Ragas framework, context precision and context recall to measure the performance of retrieval system, faithfulness to measure hallucinations and answer relevancy to measure how relevant the answers are to the input query. The evaluated results confirm that the research has improved the accuracy as well as the contextual relevancy of the information in the OBGYN domain. This research provides a robust architecture for integration of Artificial Intelligence for supporting clinical decision making and information retrieval in specialized medical domains. This research can be extended with the upcoming advancements in the field of Artificial Intelligence and Data Science.

Keywords: Natural Language Processing, Machine Learning, AI in Healthcare, Large Language Models, Text Generation, Information Retrieval, Clinical Decision Support, Retrieval Augmented Generation, OBGYN, Women's Health



Research Articles

Title: Personalized Privacy-Preserving Federated Intrusion Detection for Heart-Centric IoHT Systems

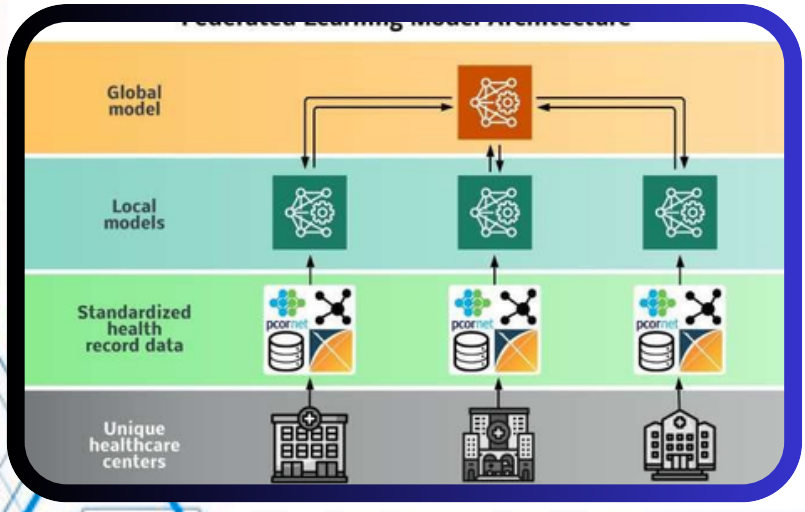
Author: Mr. Jayesh Fating, Assistant Professor, IT Dept

Abstract: The Internet of Healthcare Things—IoHT for short—is taking off, but the more these smart hospitals grow, the bigger their security headaches get. Keeping patient info private during intrusion detection? That's a huge deal right now. The old-school method—centralized intrusion detection—forces hospitals to hand over sensitive medical data. Not ideal. Federated learning looks like a solution, but in practice, it's kind of a mess. There's too much data zipping around, learning is slow, and results take a nosedive, especially since IoHT devices are scattered everywhere and rarely follow the same standards.

That's why AHFed-IDS matters. It's a new framework tailored for heart-focused IoHT networks. It's smart and trims down all that unnecessary back-and-forth. The system actually chooses which clients join in, based on how much they help the learning process. There's also a Gradient Compression Engine to keep bandwidth usage in check. And when it comes to privacy, it's baked in from the start—masking, encryption, and differential privacy all working together to protect data without bogging things down.

Tests say it all: AHFed-IDS doesn't just keep pace; it beats older federated IDS models. You get sharper detection, faster results, and a lot less data traffic. The bottom line? This approach scales, stays secure, and actually works for real smart hospitals.

Keywords: Adaptive Communication, Cybersecurity, Distributed Machine Learning, Edge Intelligence, Federated Learning, Gradient Compression, Intrusion Detection System, IoHT Security, Privacy Preservation, Smart Healthcare.



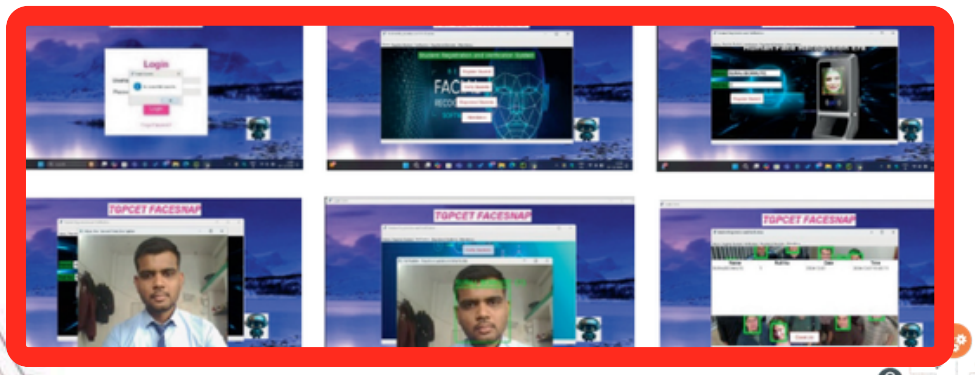
Research Articles

Title: FaceSnap: Smart Attendance Management System Using Facial Recognition

Author: Pranav Ladole, Pratham Wankhade, Suraj Borkute, Harsh Banode, Yadnesh Umredkar , IV Year, IT Dept

Abstract: The Internet of Healthcare Things—IoHT for short—is taking off, but the more these smart hospitals grow, the bigger their security headaches get. Keeping patient info private during intrusion detection? That's a huge deal right now. The old-school method—centralized intrusion detection—forces hospitals to hand over sensitive medical data. Not ideal. Federated learning looks like a solution, but in practice, it's kind of a mess. There's too much data zipping around, learning is slow, and results take a nosedive, especially since IoHT devices are scattered everywhere and rarely follow the same standards. That's why AHFed-IDS matters. It's a new framework tailored for heart-focused IoHT networks. It's smart and trims down all that unnecessary back-and-forth. The system actually chooses which clients join in, based on how much they help the learning process. There's also a Gradient Compression Engine to keep bandwidth usage in check. And when it comes to privacy, it's baked in from the start—masking, encryption, and differential privacy all working together to protect data without bogging things down.

Keywords: Adaptive Communication, Cybersecurity, Distributed Machine Learning, Edge Intelligence, Federated Learning, Gradient Compression, Intrusion Detection System, IoHT Security, Privacy Preservation, Smart Healthcare.



Research Articles

Title: Deepfakes and Social Engineering in Cybersecurity
Author: Rutuja Kshirsagar & Khushi Pardhi , III Year, IT Dept
Abstract: Deepfake technology and AI-driven social engineering attacks are rapidly increasing and pose serious cybersecurity threats to individuals, businesses, and governments. Cybercriminals use AI-generated videos, images, and voice recordings to impersonate trusted individuals and manipulate victims into revealing sensitive information or transferring money. Studies show that deepfake-based fraud and impersonation attacks have grown significantly in recent years, making them harder to detect and prevent. These AI-powered attacks exploit human trust and are often used for financial fraud, identity theft, and misinformation campaigns. Advanced social engineering techniques combined with deepfake technology are becoming one of the most dangerous cybersecurity threats in the digital era.
Keywords: Deepfakes, Social Engineering, Cybersecurity, AI Fraud, Identity Theft, Digital Misinformation, Phishing, Cyber Attacks, AI Security, Data Protection

Title: Agentic AI & Avatars
Author: Sharvari Banpurkar , II Year, IT Dept
Abstract: Agentic AI and intelligent avatars represent a new generation of Artificial Intelligence systems that can independently perform tasks and interact with users in a human-like manner. Unlike traditional chatbots, agentic AI systems can plan actions, make decisions, and complete tasks with minimal human intervention. AI avatars provide visual and conversational interfaces that allow users to communicate naturally through text, voice, and animated characters.
Recent developments enable AI avatars to represent users in virtual meetings, assist in customer support, and automate routine tasks. These intelligent systems improve productivity by combining automation with personalized interaction and real-time decision-making. Agentic AI and avatars are expected to play an important role in education, business, healthcare, and digital communication.
Keywords: Agentic AI, AI Avatars, Intelligent Agents, Artificial Intelligence, Virtual Assistants, Automation, Human-Computer Interaction, Generative AI, Digital Avatars, Smart Systems

TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

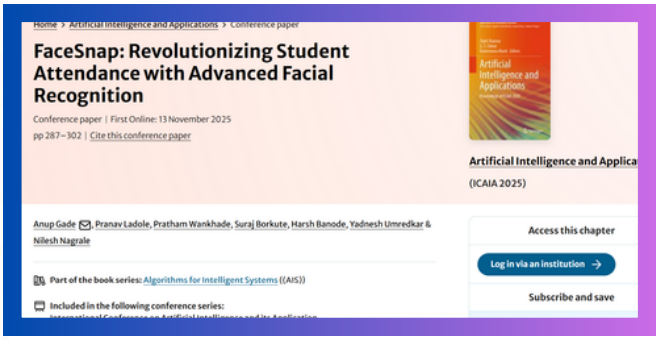
Publications

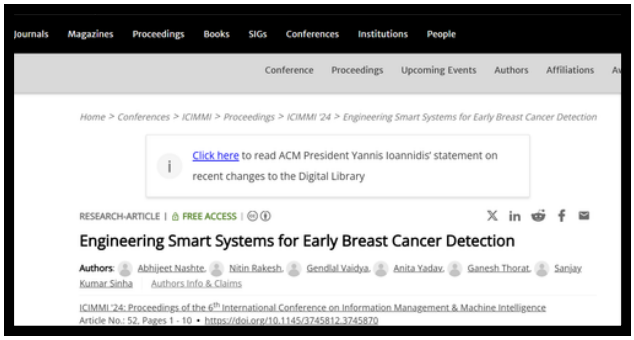
Sr. No	Name of Faculty	Name of Conference where paper submitted or presented	Level	Date	Remarks
1	Dr. Anup Gade	International Conference on AI and its Applications	International	13/11/2025	Participation
2	Mr. Nilesh Nagrale				
3	Dr. Anup Gade	International Journal of Environment Science	International	23/5/2025	Participation
4	Mr. Abhay Rewatkar				
5	Mr. Abhay Rewatkar	Journal on Research & Development	International	8/5/2025	Participation
6	Dr. Anup Gade	International Journal of Innovation Study	International	31/5/2025	Participation
7		International Journal of Innovation Study	International	6/6/2025	Participation
8		Journal of East-West Thought	International	7/5/2025	Participation
9	Ms. Anita Yadav	6th International Conference on Information Management & Machine Intelligence	International	2/9/2025	Participation

Publications

10	Dr. Anup Gade	International Conference on AI-Driven Engineering & Technology-2025	International	12-13/12/2025	-
11	Mr. Abhay Rewatkar				
12	Mr. Jayesh Fating				
13	Mr. Nilesh Nagrale	National Conference SEMCCC-2k25	National	11/10/2025	2nd Prize
14	Ms. Leena Suryawanshi				
15	Ms. Anita Yadav				
16	Ms. SayaraBano Sheikh	International Conference on Electronics and Electrical Science	International	18/1/2025	Participation
17	Mr. Nilesh Nagrale				
18	Ms. Ashwini Mahajan	Journal of All Research Education & Scientific Methods	International	5/5/2025	Participation
19	Ms. Ashwini Mahajn	International Conference on Advanced Communication, Energy and Big Data	International	05-06/06/2025	Participation

Publications





Ms. Leena Suryawanshi, Mr. Nilesh Nagrale, Ms. Anita Yadav won 2nd Prize at National Level Paper Event

TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

Technical Events

A series of interdepartmental technical and co-curricular competitions, were successfully organized under ACME Forum and Tech-Odysseys Club, fostering technical, analytical, leadership, and teamwork skills aligned with PO–PSO outcomes.

Sr. No.	Name of Competition	Date of Competition	Number of students participated	Collaboration	PO-PSO Mapped
1	Technical Quiz Competition	22/7/2025	35	ISTE and CSI under ACME Forum and Tech-Odysseys Club	PO1, PO2, PO3, PO4, PO5, PO9, PSO1, PSO2
2	Technical Treasure Hunt (Hack 'N'Hunt)	23/7/2025	65		PO1, PO2, PO4, PO5, PO9, PSO1, POS2
3	Notice Board Decoration (Tech Canvas)	23/7/2025	20		PO6, PO7, PO9
4	6-Hour UI/UX Design – "Tech-Quest"	24/7/2025	32		PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11, PSO 1, PSO2
5	Student Parliament	25/7/2025	45		PO6, POS, PO9, PO10

Events Winners

Technical Learning Outcomes from Student Competitions

- Applied Engineering Knowledge
- Enhanced Problem-Solving
- Hands-On Technical Skills
- Collaborative Engineering
- Design Thinking
- Critical Technical Decision-Making
- Time & Project Management

Sr. No.	Name of Event	Name of Winners
1	Technical Quiz Competition (22/07/2025)	Team (Aryabhata): Arya Deshmukh (V Sem) Vivek Rathod (V Sem) Sneha Daherkar (III Sem)
2	Technical Treasure Hunt (Hack 'N'Hunt) (23/07/2025)	Prajwal Tekale(VII Sem) Ishika Wasnik(V Sem) Aniket Narnaware (VII Sem) Roshan kandekar (V Sem)
3	Notice Board Decoration (Tech Canvas) (23/07/2025)	Vaishnavi Urkude (III Sem) Pooja Panchalwar (III Sem) Nandini Dongare (III Sem)
4	6-Hour UI/UX Design – "Tech-Quest" (24/07/2025)	Omkar Mundhe (V Sem) Aditya Ingole (V Sem) Dhrup Sonkar (V Sem)
5	Student Parliament (25/07/2025)	Momita Lande (V Sem) Shreya Satpute (V Sem) Sumedh Tembhurnikar (III Sem)

Events Winners

TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

Technical Projects

"Technical projects were undertaken to promote innovation, teamwork, and applied engineering skills among students. The Best Projects of Odd Semester are listed as below:-

Sem	Name of Student	Project Guide	Project Title
VII	Harsh Shailendra Banode Pranav Shivcharan Ladole Pratham Savdhanji Wankhade Yadnesh Shyamrao Umredkar Suraj Kiran Borkute	Dr. Anup Gade	AI powered autonomous radar system for enemy tracking and missile deployment:SkyVex
VII	Darshan Vinod Gadge Tejas Ambadas Khope Sakshi Navnath Shivale Ashlesha Rajesh Banpurkar Chaitali Lankush Ninawe	Prof. Abhay Rewatkar	Smart Shopping Trolly
V	Arya Digambar Deshmukh Bhupesh Kamlesh Indurkar Roshan Manohar Kandekar Vivek Prashant Rathod	Prof. Sushil Bhise	Voice-Enabled Smart Notice Board for Intelligent Classrooms

Technical Projects

Title: AI Powered Autonomous Radar System for Enemy Tracking and Missile Deployment: SkyVex

Name of Guide: Dr. Anup Gade, Department of Information Technology

Name of Students: Mr. Harsh Shailendra Banode, Mr. Pranav Shivcharan Ladole, Mr. Pratham Savdhanji Wankhade, Mr. Yadnesh Shyamrao Umredkar and Mr. Suraj Kiran Borkute

Abstract: Modern defense systems require intelligent technologies for accurate detection and tracking of enemy targets. This project presents an AI-powered autonomous radar system designed for enemy tracking and missile deployment. The system uses artificial intelligence techniques to improve radar-based target detection and tracking accuracy in real time. AI-based radar systems can enhance detection performance by filtering noise and adapting to dynamic environments, making them more reliable than traditional radar systems.

The proposed system continuously monitors the environment and automatically identifies potential threats. The system architecture includes radar sensors, AI-based processing modules, and automated decision-making components. This project demonstrates how intelligent radar systems can improve surveillance and defense applications.

Keywords: AI Radar, Target Tracking, Autonomous System, Surveillance, Missile Guidance

Picture Showcsing Future Model Based on Prototype designed

Technical Projects

Title: Smart Shopping Trolley

Name of Guide: Prof. Abhay Rewatkar, Department of Information Technology

Name of Students: Mr. Darshan Vinod Gadge, Mr. Tejas Ambadas Khope, Ms. Sakshi Navnath Shivale, Ms. Ashlesha Rajesh Banpurkar and Ms. Chaitali Lankush Ninawe

Abstract: Shopping in large retail stores often involves long waiting times at billing counters. This project presents a Smart Shopping Trolley system designed to automate the shopping and billing process. The system uses technologies such as RFID or barcode scanning to automatically detect products placed in the trolley and generate the bill in real time.
The smart trolley includes a microcontroller, display system, and wireless connectivity to provide instant billing information. This system reduces billing time and improves customer convenience. The project demonstrates how IoT technology can be applied to improve shopping efficiency.

Keywords: Smart Trolley, IoT, RFID, Billing System, Automation

Picture Showcsing Model Prepared by the students

Technical Projects

Title: Voice-Enabled Smart Notice Board for Intelligent Classrooms

Name of Guide: Prof. Sushil Bhise, Department of Information Technology

Name of Students: Ms. Arya Digambar Deshmukh, Mr. Bhupesh Kamlesh Indurkar, Mr. Roshan Manohar Kandekar and Mr. Vivek Prashant Rathod

Abstract: Educational institutions require efficient communication systems to share information with students. This project presents a Voice-Enabled Smart Notice Board designed for intelligent classrooms. The system allows users to post notices using voice commands, which are automatically converted into text and displayed on a digital notice board.
The system integrates voice recognition technology with a digital display to provide a simple and user-friendly interface. The proposed solution reduces manual effort and enables faster communication in classrooms and institutions.
This project demonstrates how voice-controlled automation can be applied to create smart classroom environments.

Keywords: Smart Classroom, Voice Control, Digital Notice Board, Automation, IoT

Picture Showcsing Future Model Based on Prototype designed

TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

Internship Projects

As per the curriculum, final-year students undergo a compulsory internship in one semester where they complete industry-based client projects. Final Evaluation is based on the internship work and thesis report. The best Odd Semester projects are listed below

Sr. No	Name of Student	Name of Company	Guide	Project Title
1.	Tejas Ambadas Khope	SS Info.Tech Pvt. Ltd, Nagpur	Dr. Anup Gade	Online Kharia: A Multi Wendor E-Commerce platform
2.	Suraj Kiran Borkute	Align Info. Tech Pvt. Ltd, Nagpur	Dr. Mukul Pande	Smart AI Resume Analyzer: Backend Architecture and System Architecture
3.	Renuka Nandkishor Raut	Sun Info.Tech Pvt. Ltd, Amravati	Prof. Abhimayu Dutonde	WorkSync: Design and Development of a Web-Based Mentor–Intern Task Management System

Internship Projects

Title: Online Kharida: A Multi-Vendor E-Commerce Platform

Name of Guide: Dr. Anup Gade, Department of Information Technology

Name of Students: Mr. Tejas Ambadas Khope

Name of Company: SS Info.Tech Pvt. Ltd., Nagpur

Abstract: E-commerce platforms play an important role in enabling businesses to sell products and services online efficiently. This internship project presents Online Kharia, a multi-vendor e-commerce platform designed to allow multiple sellers to register and manage their products through a single system.
The platform provides features such as product management, user registration, order processing, and secure transactions. Multi-vendor systems improve business efficiency and allow customers to access products from different vendors in one place. E-commerce platforms also use modern data management techniques to enhance customer experience and business operations.

Keywords: E-Commerce, Multi-Vendor System, Web Application, Online Shopping, Digital Platform

Internship Projects

Title: Smart AI Resume Analyzer: Backend Architecture and System Architecture

Name of Guide: Dr. Mukul Pande, Department of Information Technology

Name of Students: Mr. Suraj Kiran Borkute

Name of Company: Align Info.Tech Pvt. Ltd., Nagpur

Abstract: Recruitment processes often require manual evaluation of resumes, which can be time-consuming and inefficient. This internship project presents a Smart AI Resume Analyzer focusing on backend and system architecture design.
The system is designed to analyze resumes automatically and extract important information such as skills, qualifications, and experience. The backend architecture ensures efficient data processing and storage, while the system architecture supports scalability and performance. The project demonstrates how artificial intelligence and structured backend systems can improve recruitment efficiency and decision-making.

Keywords: Artificial Intelligence, Resume Analysis, Backend System, Data Processing, Automation

Internship Projects

Title: WorkSync: Design and Development of a Web-Based Mentor–Intern Task Management System

Name of Guide: Prof. Abhimanyu Dutonde, Department of Information Technology

Name of Students: Ms. Renuka Nandkishor Raut

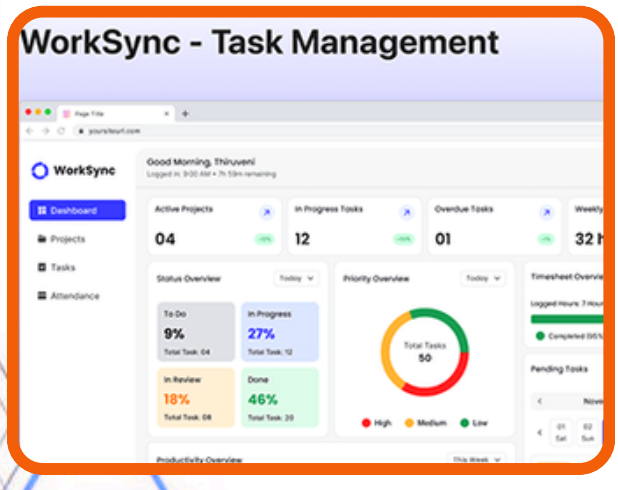
Name of Company: Sun Info.Tech Pvt. Ltd., Amravati

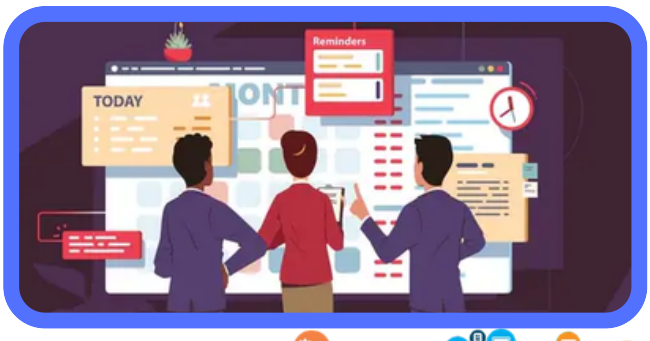
Abstract: Internships play an important role in connecting theoretical learning with practical experience. Efficient monitoring and management of internship activities are essential to ensure productivity and skill development. Web-based internship tracking systems help manage tasks, monitor progress, and improve communication between mentors and interns.

This project presents WorkSync, a web-based Mentor–Intern Task Management System designed to simplify task assignment and progress tracking. The system allows supervisors to assign tasks, monitor intern activities, and provide feedback, while interns can view assigned tasks and update their progress through a user-friendly interface.

The system improves communication, reduces manual work, and ensures structured internship management and evaluation.

Keywords: Internship Management, Task Tracking, Web System, Mentor–Intern, Workflow





Internship Projects

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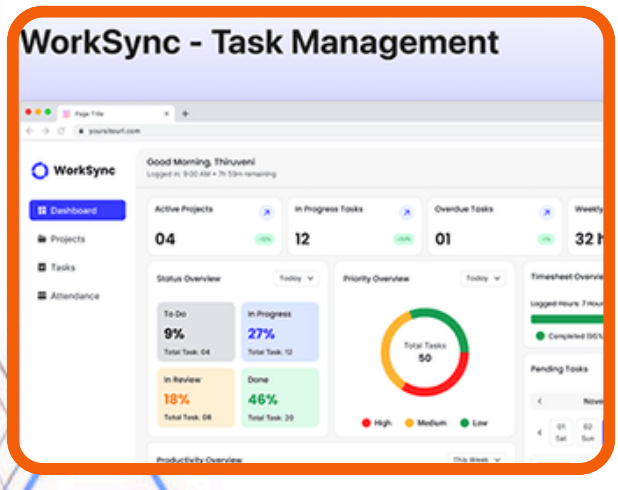
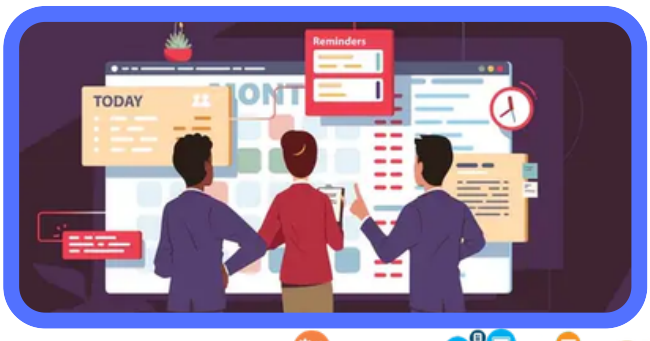




Eduskill

Cohort-14

Students of the department successfully completed EduSkills internships and certification programs, gaining exposure to emerging technologies and industry practices.

These initiatives help bridge the gap between academic learning and industry requirements, preparing students to become industry-ready professionals.

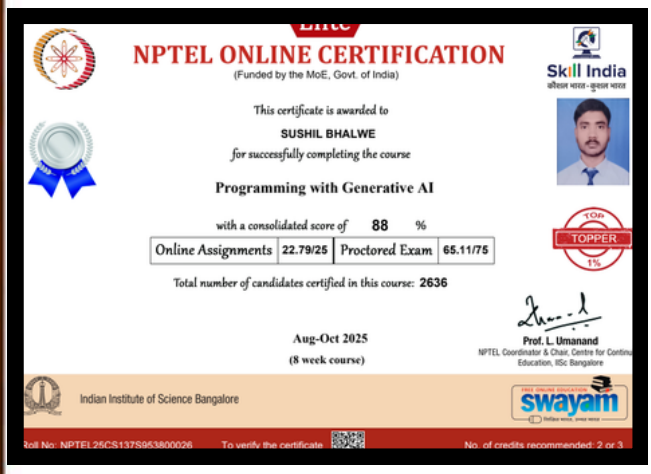
Sr.No	Name	Year of Passing	Domain	Status
1	Sumit Kumar	2026	ALTAIR DATA SCIENCE MASTER VIRTUALA INTERNSHIP	internship approved
2	Pratham Wankhade	2026	AWS DATA ENGINEERING VIRTUAL INTERNSHIP	internship approved
3	Pratik Sable	2026	AWS DATA ENGINEERING VIRTUAL INTERNSHIP	internship approved
4	Tannu Goswami	2026	AWS IoT CLOUD ENGINEER VIRTUAL INTERNSHIP	internship approved
5	Shubham Meshram	2026	JAVA FULL STACK DEVELOPER VIRTUAL INTERNSHIP	internship approved
6	Aryan Poharkar	2027	AWS DATA ENGINEERING VIRTUAL INTERNSHIP	internship approved
7	Ashwini Jadhav	2027	AWS DATA ENGINEERING VIRTUAL INTERNSHIP	internship approved

EduSkills®
Nation Building Through Skills

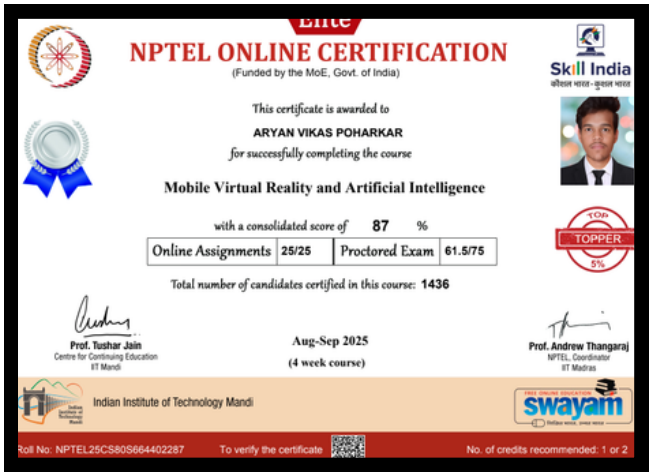
Sr.No	Name	Year of Passing	Domain	Status
8	Radhika Hage	2027	ETHICAL HACKING VIRTUAL INTERNSHIP(English Language)	internship approved
9	Ayush Sathawane	2027	JUNIPER NETWORKING VIRTUAL INTERNSHIP	internship approved
10	Utkarsha Bhagat	2028	EMPLOYABILITY SKILL JOB READY VIRTUAL INTERNSHIP	internship approved
11	Vedant Sabe	2028	ETHICAL HACKING VIRTUAL INTERNSHIP(English Language)	internship approved
12	Arnav Sao	2028	GOOGLE AI-ML VIRTUAL INTERNSHIP	internship approved
13	Pallavi Ramteke	2028	GOOGLE AI-ML VIRTUAL INTERNSHIP	internship approved
14	Ashwin kurekar	2028	PALO ALTO CYBERSECURITY VIRTUAL INTERNSHIP	internship approved
15	BHUSHAN MALLICK	2028	PALO ALTO CYBERSECURITY VIRTUAL INTERNSHIP	internship approved
16	Shibu Patle	2028	PALO ALTO CYBERSECURITY VIRTUAL INTERNSHIP	internship approved
17	Shweta Rupavane	2028	PALO ALTO CYBERSECURITY VIRTUAL INTERNSHIP	internship approved
18	SNEHA DEHARKAR	2028	PALO ALTO CYBERSECURITY VIRTUAL INTERNSHIP	internship approved

NPTEL

- The Department of Information Technology proudly records 50+ NPTEL course completions by its students in the Academic Session 2025-26 (Odd Semester).



Mr. Sushil Bhalwe Recognized as Top 1% Topper in Programming with Generative AI Course

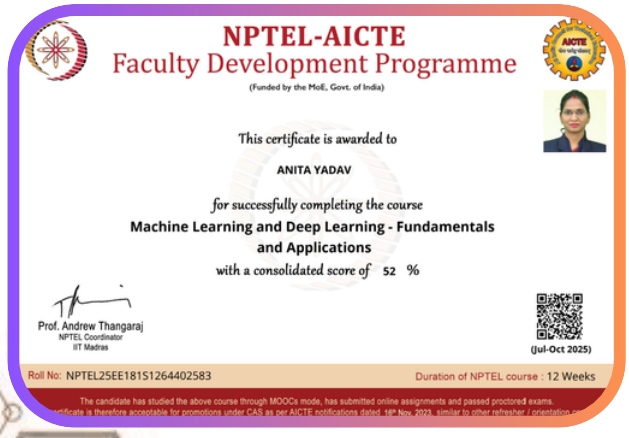


Mr. Aryan Poharkar Recognized as Top 5% Topper in Mobile Virtual Reality and Artificial Intelligence Course

Faculty NPTEL Achievements

Faculty technical skills were strengthened through successful completion of NPTEL certification courses in the Odd Semester

Sr. No	Name of Faculty	Name of Institution	Name of Course
1	Ms. Ashwini Mahajan	Swayam	Effective Communication Skills for Personal and Professional Development
2	Ms. Ruchita Tajne	Swayam	Effective Communication Skills for Personal and Professional Development
3	Ms. Anita Yadav	NPTEL	FDP-Fundamentals of AI
4			Fundamentals of AI
5			Machine Learning and Deep Learning - Fundamentals and Applications
6			FDP- Machine Learning and Deep Learning - Fundamentals and Applications



Faculty NPTEL Achievements

Sr. No	Name of Faculty	Name of Institution	Name of Course
7	Mr. Jayesh Fating	NPTEL	Design & Implementation of HCI
8			Responsible & Safe AI Systems

TULSIRAMJI GAIKWAD-PATIL College of Engineering & Technology

List of students succesfully completed the NPTEL courses

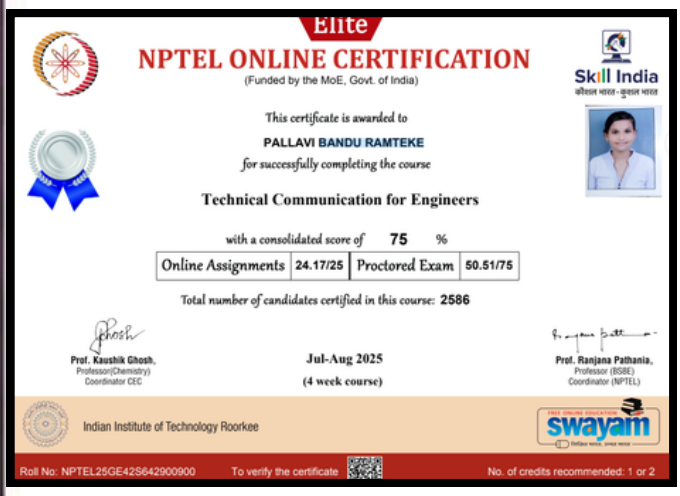
Sr. No	Name Of Students	Sem	Course	Remarks
1	DUDHESHWARI CHAMATKAR	III	Technical Communication for Engineers	67% (Elite)
2	VEDANT SABE			62% (Elite)
3	KOMAL BORGHARE			73% (Elite)
4	RAJAT MESHRAM			64%(Elite)
5	SHWETA RUPAVANE			63%(Elite)
6	AYUSH ANIL PATIL			62%(Elite)
7	PALLAVI RAMTEKE			75% (Sliver+Elite)
8	AKMAL SHEIKH			65%(Elite)
9	POOJA PANCHALWAR			62%(Elite)
10	VAISHNAVI URKUDE			47% (Completed)
11	GAURI MOREY			84% (Sliver+Elite)
12	KRUTIKA ANIL GANVIR			67%(Elite)
13	NANDINI DONGARE			68%(Elite)

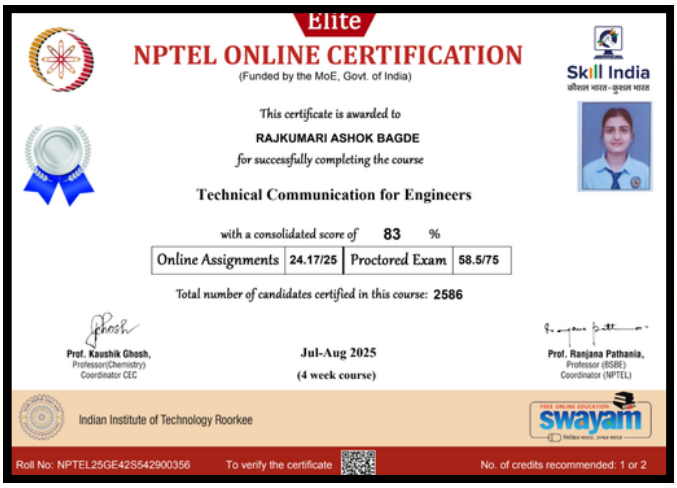
Sr. No	Name Of Students	Sem	Course	Remarks
14	DEVYANI KISHOR SHENDE	III	Technical Communication for Engineers	71%(Elite)
15	DAMINI KADGAYE			60%(Elite)
16	KRISHNA ANASANE			72%(Elite)
17	SUPRIYA KADAV			64%(Elite)
18	DIWYA DHOKE			78%(Sliver+Elite)
19	ARNAV SAO		Business & Susstainable Development	71%(Elite)
20	ADITYA KALE	V	Technical Communication for Engineers	65%(Elite)
21	ANSHUL RAMTEKE			67%(Elite)
22	ROSHAN KANDEKAR			70%(Elite)
23	DIVYA MAHURKAR			73%(Elite)
24	ARYA DESHMUKH			69%(Elite)
25	BHUPESH INDURKAR			73%(Elite)

Sr. No	Name Of Students	Sem	Course	Remarks
26	PRATIK SABLE	VII	Technical Communication for Engineers	64%(Elite)
27	PRANAV LADOLE			78%(Sliver+Elite)
28	ANIKET NARNAWARE			65%(Elite)
29	PRATHAM WANKHADE			72%(Elite)
30	AYUSHI DONGRE			75%(Elite)
31	PRATIKSHA ADE			65%(Elite)
32	BHAVIKA LANJEWAR			55%(Elite)
33	RAJKUMARI BAGDE			83%(Sliver+Elite)
34	PRASHIK HIWARKAR			70%(Elite)
35	KRUSHNA RATHOD			64%(Elite)
36	GANESH THAWRI			57%(Elite)
37	RANAT MENDHE			71%(Elite)
38	PRAJWAL TEKALE			53%(Elite)
39	SARANG MENEWAR			76%(Sliver+Elite)

Sr. No	Name Of Students	Sem	Course	Remarks
40	RANAT MENDHE	VII	Technical Communication for Engineers	64%(Elite)
41	PRANAV LADOLE		Python for Data Science	72%(Elite)
42	ARYAN POHARKAR	V	Mobile Virtual Reality and Artificial Intiligence	87%(Elite +Silver)
43	PRIYANSHU NAGLE			72% (Elite+Silver)
44	RAKESH HIWASE	VII	Human Computer Interaction	68%(Elite+ Silver)
45	KASPISH BAGDE			67%(Elite+ Silver)
46	SUSHIL BHALWE		Programming With Generative AI	88% (Elite+Silver)
47	RANAT MENDHE		Introduction to Internet of Things	76% (Sliver+Elite)
			Privacy & Security in Online Social Media	68%(Elite)

Sr. No	Name Of Students	Sem	Course	Remarks
48	TWINKAL RAMTEKE	VII	Mobile Virtual Reality and Artificial Intiligence	75%(Elite)
49	SUMIT KUMAR		Programming in Java	68%(Elite)
50	RENUKA RAUT		Cyber Security & privacy	62% (Elite)
			Ethical Hacking	56%(Elite)
51	SURAJ BORKUTE		Cyber Security & privacy	60%(Elite)





Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to
GAURI DHAMAJI MOREY
for successfully completing the course
Technical Communication for Engineers

with a consolidated score of 84 %

Online Assignments	24.17/25	Proctored Exam	60/75

Total number of candidates certified in this course: 2586

Prof. Kaushik Ghosh, Professor(Chemistry) Coordinator CEC
Jul-Aug 2025 (4 week course)
Prof. Ranjana Pathania, Professor (BSBE) Coordinator (NPTEL)

Indian Institute of Technology Roorkee
swayam

Roll No: NPTEL25GE42S542900206 To verify the certificate No. of credits recommended: 1 or 2

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to
TWINKAL RAMTEKE
for successfully completing the course
Mobile Virtual Reality and Artificial Intelligence

with a consolidated score of 75 %

Online Assignments	24.17/25	Proctored Exam	51/75

Total number of candidates certified in this course: 1436

Prof. Tushar Jain, Centre for Continuing Education IIT Mandi
Aug-Sep 2025 (4 week course)
Prof. Andrew Thangaraj, NPTEL Coordinator IIT Madras

Indian Institute of Technology Mandi
swayam

Roll No: NPTEL25CS80S664401430 To verify the certificate No. of credits recommended: 1 or 2

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to
AYUSHI NARENDRA DONGRE
for successfully completing the course
Technical Communication for Engineers

with a consolidated score of 75 %

Online Assignments	23.33/25	Proctored Exam	52.01/75

Total number of candidates certified in this course: 2586

Prof. Kaushik Ghosh, Professor(Chemistry) Coordinator CEC
Jul-Aug 2025 (4 week course)
Prof. Ranjana Pathania, Professor (BSBE) Coordinator (NPTEL)

Indian Institute of Technology Roorkee
swayam

Roll No: NPTEL25GE42S642901116 To verify the certificate No. of credits recommended: 1 or 2

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to
PRIYANSHU MADAN NAGLE
for successfully completing the course
Mobile Virtual Reality and Artificial Intelligence

with a consolidated score of 68 %

Online Assignments	24.17/25	Proctored Exam	43.5/75

Total number of candidates certified in this course: 1436

Prof. Tushar Jain, Centre for Continuing Education IIT Mandi
Aug-Sep 2025 (4 week course)
Prof. Andrew Thangaraj, NPTEL Coordinator IIT Madras

Indian Institute of Technology Mandi
swayam

Roll No: NPTEL25CS80S664400769 To verify the certificate No. of credits recommended: 1 or 2

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to
ARYA DESHMUKH
for successfully completing the course
Technical Communication for Engineers

with a consolidated score of 69 %

Online Assignments	13.33/25	Proctored Exam	55.5/75

Total number of candidates certified in this course: 2586

Prof. Kaushik Ghosh, Professor(Chemistry) Coordinator CEC
Jul-Aug 2025 (4 week course)
Prof. Ranjana Pathania, Professor (BSBE) Coordinator (NPTEL)

Indian Institute of Technology Roorkee
swayam

Roll No: NPTEL25GE42S542900380 To verify the certificate No. of credits recommended: 1 or 2

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to
BHUPESH INDURKAR
for successfully completing the course
Technical Communication for Engineers

with a consolidated score of 73 %

Online Assignments	23.33/25	Proctored Exam	49.5/75

Total number of candidates certified in this course: 2586

Prof. Kaushik Ghosh, Professor(Chemistry) Coordinator CEC
Jul-Aug 2025 (4 week course)
Prof. Ranjana Pathania, Professor (BSBE) Coordinator (NPTEL)

Indian Institute of Technology Roorkee
swayam

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to
RANAT MENDHE
for successfully completing the course
Privacy and Security in Online Social Media

with a consolidated score of 68 %

Online Assignments	23.88/25	Proctored Exam	43.62/75

Total number of candidates certified in this course: 16439

Prof. Kishore Kothapalli, Professor and Dean (Academics) IIIT Hyderabad
Jul-Oct 2025 (12 week course)
Prof. Andrew Thangaraj, NPTEL Coordinator IIT Madras

International Institute of Information Technology, Hyderabad
swayam

Roll No: NPTEL25CS117S564400016 To verify the certificate No. of credits recommended: 3 or 4

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to
PRANAV LADOLE
for successfully completing the course
Python for Data Science

with a consolidated score of 72 %

Online Assignments	25/25	Proctored Exam	47.45/75

Total number of candidates certified in this course: 16331

Prof. Andrew Thangaraj, Chair, Centre for Outreach and Digital Education, IITM
Jul-Aug 2025 (4 week course)
Prof. Vignesh Muthuvijayan, NPTEL Coordinator IIT Madras

Indian Institute of Technology Madras
swayam

Roll No: NPTEL25CS104S442901260 To verify the certificate No. of credits recommended: 1 or 2

TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

Internship

As a part of academic curriclum students of all semester are encouraged to pursue internship, also for the students of final year one semester internship is mandatory.

Sr. No.	Name Student	Name of Company	Guides	Project Titles
1	Suraj Borkute	Align Info. Tech Pvt Ltd	Dr. Mukul Pande	AI-Driven Resume Insights Engine: Backend Architecture and System Integration
2	Pratham Wankhade	Align Info. Tech Pvt Ltd	Dr. Anup Gade	Smart AI Resume Analyzer Intelligence through ML & NLP
3	Tejas Khope	SS Info. Tech Pvt Ltd		Online Kharida: A Scalable Multi-Vendor E-Commerce Solution for Local & Global Markets
4	Om Nawade	Research & Development Association of India, Nagpur	Dr. Deepak Kapgate	AI Driven Hostel Management System using Node.js
5	Pranav Ladole	Align Info.Tech Pvt. Ltd Nagpur		Smart AI Resume An AI Powered Framework for Resume Optimization and Skill Matching

Sr. No.	Name Student	Name of Company	Guides	Project Titles
6	Yogesh Bhongade	Cojag Pvt. Ltd, Nagpur	Mr. Abhay Rewatkar	Smart Edit AI:Design and Implementation of Image Editing with AI
7	Mayur Katre	Research & Development Association of India, Nagpur		Digital Hostel Management Portal for Efficient Administration
8	Renuka Raut	Sun InfoTech Pvt. Ltd, Amravati	Mr. Abhimanyu Dutonde	WorkSync: Design and Development of a Web-Based Mentor-Inter Task Management System
9	Darshan Gadge	RentMart Pvt. Ltd, Nagpur		SmartEdu Frontend:Designing an Interactive and User-Centric Interface for Digital Education Systems
10	Shubham Kopare	Dhundho trackula services pvt ltd, Nagpur	Mr. Nilesh Nagrale	Frontend Design and Development Dhundo AI Fleet Management System
11	Tannu Rohit Goswami	PSK Technologies Pvt. Ltd, Nagpur		Design and Development of an online Platform for Connecting NGOs and Volunteers

Sr. No.	Name Student	Name of Company	Guides	Project Titles
12	Himanshu Shende	Softronics Solution Pvt. Ltd, Nagpur	Dr. Zeba Sheikh	UI-Centric Human Resource Data Analyrtics Platform Using Predictive Models
13	Nikita Chaudhari	PSK Technologies Pvt. Ltd, Nagpur		Intercative Web Platform for NGO connect using MERN Stack
14	Akanksha Talwekar	Brillect Tech Solution Pvt. Ltd, Nagpur	Mr. T. P. Raju	Smart Face Attendance and Student Participation Tracking System
15	Gaurav Gujar	Contiguvenza Pvt. Ltd, Nagpur		NOVA: A Mern Stack solution for Educational Management at RTMNU
16	Harsh Banode	Align Info. Tech Pvt Ltd		Smart AI Resume Analyzer: Interactive Visualization and Insights
17	Kapish Bagde	RentMart Pvt. Ltd, Nagpur		Client-Centric Backend Development for Educational Platforms using Spring Boot, JWT abd MYSql

Sr. No.	Name Student	Name of Company	Guides	Project Titles
18	Harshit Thakre	SS Info. Tech Pvt Ltd	Ms. Anita Yadav	Online Kharida: A Scalable Multi-Vendor E-Commerce frameworks for Local & Global Markets
19	Himanshu Jibhakate	Brillect Tech Solution Pvt. Ltd, Nagpur		Telemedicine Platform with Video Consultation
20	Simran Kuril	Softronics Solution Pvt. Ltd, Nagpur		Intelligence Human Resource Data Analytics System Using Predective Modeling Techniques
21	Malikarjun Landge	Clustor Computing, Nagpur		Implementation of Jewellery Web store using MERN Stack
22	Vaibhav Katkar	Brillect Tech Solution Pvt. Ltd, Nagpur	Ms. Sayara Bano Sheikh	Realtime Cyber threat intelligence & Response Reports Generation
23	Yadnesh Umredkar	SS Infotech Pvt. Ltd		Online Kharida: A Cloud Based Multi Vendor Ecosystem for Modern Businesses
24	Sarang Menewar	Codons Technologies Pvt. Ltd		Wealth Wise Mutual Fund Analytics: An AI Powered Framework for Mutuial Fund Performed Evalution

Sr. No.	Name Student	Name of Company	Guides	Project Titles
25	Niraj Wasekar	Uphill Pvt. Ltd, Nagpur	Ms. Ashwini Mahajan	Realtime College Bus Monitoring and Schedule Framework using MERN stack
26	Rakesh Hiwase	Clustor computing, Pvt. Ltd, Nagpur		GradNet: An Interactive Institute Alumni Portal Using MERN Stack
27	Shreyash Khetre	Laundaryholic Pvt. Ltd Nagpur	Prof. Sushil Bhise	Secure Token OTP Replacement Authentication App
28	Prathmesh Dubey	Primine Solution, Nagpur		NexERp: Unified Business Management Platform using MERN Stack
29	Priyanshu Ashish Raut	Shravtech Solutions, Nagpur		MERN Stack- Driven Development of a Dynamic Herbalife E-Commerce Portal
30	Roshan Mahendra Sakhare	Heisten Solution Pvt. Ltd, Nagpur	Ms. Pooja Pimpalshende	HumanCare WorldWide : A MERN-Based Online System for Real-time Healthcare Response and Ambulance Management
31	Yashwant Malwe	Vigo TechnoWorld Pvt. Ltd, Nagpur		Hotel Connect: Room Availability & Booking System using MERN Stack

Sr. No.	Name Student	Name of Company	Guides	Project Titles
32	Vinay Chhabil Devikar	Cojag Pvt. Ltd, Nagpur	Prof. Ruchita Tajane	E-Commerce Website for Online Medicines Store
33	Sumit Kumar	Clustor computing, Pvt. Ltd, Nagpur		GradNet-An Interactive Institute Alumni Portal Using MERN Stack
34	Sushil Devhis Bhalwe	Clustor computing, Pvt. Ltd, Nagpur	Ms. Shweta Hedao	Aster: A Secure MERN E-Commerce Platform with Integrated Authentication and Payment Systems
35	Yash Moreshwar Gaidhane	PSK Technologies Pvt. Ltd, Nagpur		AutoTrade Management System Using MERN Stack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Date: 15th Oct 2025

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We are pleased to confirm that Mr. Rakesh Madhukar Hiwase has successfully undertaken his role as Fullstack Developer and completed his internship for a period of 3 Month from 1st July 2025 to 30th September 2025.

During his time at CLUSTOR COMPUTING, he was punctual, hardworking inquisitive.

We would like to wish him best of luck for future endeavours and firmly believe that he would become an integral part of a future workplace.

Sincerely,

Richa Newatia
HR Executive
Clustor Computing


SUN INFOTECH

Certificate of Completion

This is to Certify that Mr./Ms. Ranjana Raut

has Successfully Completed internship on web application development

Conducted by SUN INFOTECH, AMRAVATI from 1st AUG 2025 to 30th OCT 2025

Mr. Rushikesh Patil
BDO, Sun InfoTech, Amravati.

Mr. Santosh More
CEO, Sun InfoTech, Amravati.

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