G. H Raisoni College of Engineering & Management, Nagpur

(Formerly Known as G H Raisoni Institute of Engineering &Technology, Nagpur)
An Autonomous Institute Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
Accredited by NAAC with "A+" Grade

Department of Computer Science and Engineering

Department of Computer Science and Engineering

Faculty Achievements

Sr. No.	Name of Faculty	Achievement
1	 Dr. Sonali Ridhorkar	**Awards Received** • Dr. Sonali Ridhorkar received Teaching Excellence Award by UILA Awards is being organized at Shaheed Sukhdev College of Business Studies, New Delhi, India in association with National Institute of Technology Patna and University of Valladolid, Spain on 20th Feb 2021 by Universal Innovators. • Dr. Sonali Ridhorkar received Literoma Nari Samman Winner 2021. • Dr. Sonali Ridhorkar got Best Paper Award in ICAIBDA -22 Award by GHRIET Nagpur, Was sponsored by AICTE New Delhi, was judged as Best paper technical session on Uncertainty in AI in session 2021-22. • Dr. Sonali Ridhorkar got I2OR National Elite Teacher Award 2021 by International Institute of organized Research (I2OR) at the session 2021-22 • Dr. Sonali Ridhorkar(HOD,CSE) was awarded by Pratibha Samman 2022 Award by Navbharat on dated 5/9/2022 in session 2022-23 **Patent Granted on** • A Portable Offline Speech-To-Text Writing Device • 5g Based Wireless Network Repeater • Sensor Device for Breast Cancer • Artificial Intelligence and IOT Based Smart Healthcare System to Monitor and Brain Tumor Using WSN and Deep Learning Algorithm • An Intelligent System & method to Track and navigate Moving Objects in a Smart Environment using IoT Network • Network Gateway Device • Portable Server **Book/Book Chapter Published on Title** • Blockchain Technology and its Application • Multi-Category News Aggregation Platform: Review • Machine Learning • Universal (Stand-Alone) Language Translator, • Elliptic Curve Cryptography: Implementation Issues,

		Key Establishment Protocol • Book Chapter "Blockchain Computing Technology: Challenging Security and Privacy Issues", published in the book "Block Chain for Smart Systems: Computing Technologies and Applications. • Book chapter "A Comprehensive Survey on Content-Based Image Retrieval Using Machine Learning", published in Lecture Notes on Data Engineering and Communications Technologies **Copyright Awarded on** • Implementation of Elliptic Curve Arithmetic Based on Elliptic Curve Cryptography • Key Agreement Protocol Implementation Based Elliptic Curve Cryptography • Secure E-Voting System Based on Blockchain Computing Technology • Review On Multi-Category News Aggregations Platform • The Importance of Artificial intelligence in cybersecurity • Blockchain Technology For Intelligent Transportation System **NPTEL** • **Acquired Elite Certification in NPTEL Course on, "**Enhancing Soft Skills and Personality" • Successfully completed the certification in NPTEL Course on, "The Science of Happiness and Wellbeing" • Acquired Elite Certification in NPTEL Course on, "Research Methodology" • Successfully completed the certification in NPTEL Course on, "Environmental Science" **Grants Received** • Received a grant of 50,000 for International conference on ICAIBDA, GHRIET Nagpur at the session 2021-22 • Received grant 1,00,000 for club by **Funding Agency SPICES on dated** 02/02/2023 for the session 2022-2023 • Received grant 1,10,000 for Faculty development program by funding agency E&ICT Academy, NIT Warangal **on dated** 17/12/2023 for the session 2022-2023 • Received grant 61,000 for Faculty development program by funding EICT Academy IIT Roorkee **on dated** 22/02/2024 for the session 2023-2024 • Received grant 1,84,000 for Faculty development program by funding EICT Academy IIT Roorkee **on dated** 11/11/2024 for the session 2024-2025

		• Received grant 2,00,000 for Faculty development program by funding E&ICT Academy, IIT Guwahati **on dated** 16/07/2025 for the session 2025-2026 **Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered** • Dr. Sonali Ridhorkar acted as Reviewer in ICETET SIP-22 in 10th International Conference on Emerging Trends in Engineering and Technology - Signal and Information Processing (ICETET-SIP-22) held at G H Raisoni College of Engineering, Nagpur during 29th - 30th April 2022 was technically supported by IEEE Bombay Section and Nagpur Sub-Section in association with GHR Lab and Research Center 2021-22 • Dr. Sonali Ridhorkar acted as Reviewer in ICDCECE-2022 IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE-2022) which was organized by the Ballari Institute of Technology and Management, Ballari , India in association with IEEE Bangalore Section and IEEE Information Society on 23rd-24th April, 2022. 2021-22 • Dr. Sonali Ridhorkar acted as Reviewer in IEEE-ICCICA-21 for IEEE International Conference on Computational Intelligence and Computing Applications-21 (IICCICA-21) which will be held in G H Raisoni College of Engineering 2021-22 • Dr. Sonali Ridhorkar acted as Reviewer in IEEE MYSURUCON 2021 in the First Edition of the Flagship International Conference Series of IEEE Mysore at session 2021-22 • Dr. Sonali Ridhorkar acted as Organizing Member in ICAET 2021. • Dr. Sonali Ridhorkar acted as Organizing Member in ICETEMS 2021. • Dr. Sonali Ridhorkar acted as National Committee Member, ICRCEST2021 in International Conference on Recent Challenges in Engineering Science and Technology (ICRCEST 21), on 27th – 28th August 2021, which was Organized by Institute for Engineering Research and Publication (IFERP), at session 21-22 https://icrcest.com/national-advisory-committee.php • Dr. Sonali Ridhorkar appointed as General Chair in ICAIBDA, GHRIET Nagpur 2021-22 • Dr. Sonali Ridhorkar (HOD, CSE), Convener of FDP on Artificial Intelligence for Medical Image Processing (30th Jan–8th Feb2023) organized by Computer Science

		Engineering Department of G H Raisoni Institute of Engineering & Technology, Nagpur, In association with E&ICT Academy, NIT WARANGAL • Dr. Sonali Ridhorkar (HOD, CSE), Session Chair of 11th IEEE International Conference on Emerging Trends in Engineering & Technology-Signal and Information Processing (ICETET SIP-23). • Dr. Sonali Ridhorkar (HOD, CSE), University nominee Member of the Board of Studies of Priyadarshini J. L. College of Engineering (Autonomous Institute) • Dr. Sonali Ridhorkar (HOD, CSE), published the book for the session 22-23 on the following subject: • Machine Learning, Scientific International Publishers, ISBN 978-93-5625-627-9 • Universal (Stand-Alone) Language Translator, ISBN:978-620-5-52616-3 • Dr. Sonali Ridhorkar (HOD, CSE) Registered a Copyright of Literary/Dramatic work : Secure E-voting System Based On Blockchain Computing Technology, 25664/2022-CO/L • Dr. Sonalli Ridhorkar(HOD,CSE) Published a patent on Artificial Intelligence And Iot Based Smart Health Care System To Monitor And Predict All Types Of Brain Diseases And Brain Tumor Using Wsn And Deep Learning Algorithms, application No. 202221065760 5/11/2022 • Dr. Sonali Ridhorkar(HOD,CSE), Mrs. Pragati Fatinge Submitted funding proposal for the subscription to the cloud services:Cohort 2 under MeitY Quantum Computing Applications Lab with a funding agency Ministry of Electronics and Information Technology(MoEITY) • Dr. Sonali Ridhorkar (HOD, CSE), works as Session Chair at the International Conference On Technological Innovations & Applications In Industry 4.0: Challenges And Way Ahead (Ictia-2024), organized by the Department of Mechanical Engineering of St.Vincent Pallotti College of Engineering & Technology, Nagpur. The conference will be held in a hybrid mode on 24th - 25th April 2024. • Dr. Sonali Ridhorkar (HOD, CSE), deliver an expert lecture on "Block-chain studies", organized by E&ICT Academy, IIT Roorkee on 20/01/2024 • Dr. Sonali Ridhorkar (HOD, CSE) works as a Resource person and delivers a expert talk on the subject

		"Importance of Artificial Intelligence in Cyber Security" for a short-term training program on Artificial Intelligence and Machine Learning, scheduled on 03/02/2024 to 03/02/2024 in online mode, organized by the Department of Computer Science and Engineering, Rajiv Gandhi College of Engineering, Research & Technology, Chandrapur. • Dr. Sonali Ridhorkar (HOD, CSE), works as Session Chair at 2nd IEEE Conference on Artificial Intelligence and Quantum Computing – Based Sensor Applications (ICAIQSA-2024) held on 20th and 21st Dec 2024 organised by Department of Artificial Intelligence, GHRCEM, Nagpur and technically co-sponsored by IEEE Bombay • Dr. Sonali Ridhorkar (HOD, CSE), works as Reviewer at 2nd IEEE Conference on Artificial Intelligence and Quantum Computing – Based Sensor Applications (ICAIQSA-2024) held on 20th and 21st Dec 2024 organised by Department of Artificial Intelligence, GHRCEM, Nagpur and technically co-sponsored by IEEE Bombay • Dr. Sonali Ridhorkar (HOD, CSE), deliver an expert talk on "Scope of AI ML in IoT Networks", on 24/01/2025 as a part of FDP on "Artificial Intelligence and Machine Learning for Next Generation IoT Network" • Dr. Sonali Ridhorkar (HOD, CSE), works as Reviewer at 1st International Conference on Sustainability, Innovation & Technology (ICSIT 2025) held on 22nd and 23rd August 2025 organised by Symbiosis Institute of Technology, Pune and technically co-sponsored by IEEE Bombay Section • Dr. Sonali Ridhorkar (HOD, CSE), Appointed as Member of Board of Studies, for St. Vincent Palloti College of Engineering & Technology, Nagpur for Department of Information Technology, for the academic session 2024-2025 to 2026-2027 • Dr. Sonali Ridhorkar (HOD, CSE), Appointed as Member of Board of Studies, for Shri Tulsiram Gaikwad Patil College of Engineering & Technology, Nagpur for Department of Information Technology, for the academic session 2024-2025 to 2026-2027 • Dr. Sonali Ridhorkar (HOD, CSE), works as Reviewer at 12th International Conference on Emerging Trends in Engineering and Technology- Signal and Information

		Processing (ICETET SIP-25) held on 1st and 2nd August 2025 organized by G.H.Raisoni College of Engineering, Nagpur and technically co-sponsored by IEEE Bombay Section • Dr. Sonali Ridhorkar (HOD, CSE), works as Reviewer at 2nd International Conference on Machine Learning Algorithms – ICML-ALGO 2025 held on 29-30 August 2025 and organized by Chitkara University School of Engineering and Technology, Chitkara University, Himachal Pradesh, INDIA
2	 Antara Bhattacharya	**Patent Granted on** • Portable Server • Sensor Device for Breast Cancer • AI Based Smart Helmet for Accident Prevention **Copyright Awarded on** • Introduction to Python Programming • Poster on Ecommerce Price Forecasting using Machine-Learning Algorithm • Agro Food Supply Chain Using Blockchain Technology **NPTEL** • Successfully completed the certification in NPTEL Course on, "Introduction to Machine Learning" **Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered** • Antara Bhattacharya appointed as Publication Chair in ICAIBDA, GHRIET Nagpur 2021-22 • Antara Bhattacharya works as a reviewer in 3rd International Conference on Advanced Communication, Energy and Big Data (ICACEBD-25) held on 5-6 June 2025 • Antara Bhattacharya acted as Reviewer in ICAIBDA -22, GHRIET Nagpur, was sponsored by AICTE New Delhi,2021-22
3		**Patent Granted on** • Ethernet Switch **Copyright Awarded on** • High Bandwidth Network in Remote Area Using SIP Server • "Poster on Ayucare: Medicine Recommendation System" • Poster on Ecommerce Price Forecasting using Machine-Learning Algorithm • Agro Food Supply Chain Using Blockchain Technology

	Hemlata Dakhore	**NPTEL** • Acquired an Elite certification in NPTEL course on "Emotional Intelligence" **Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered** • Hemlata Dakhore works as a reviewer in 3rd International Conference on Advanced Communication, Energy and Big Data (ICACEBD-25) held on 5-6 June 2025 • Hemlata Dakhore acted as Reviewer in ICAIBDA - 22 GHRIET Nagpur,was sponsored by AICTE New Delhi, 2021- • Ms. Hemlata Dakhore appointed as Registration & Finance Chair in ICAIBDA, , GHRIET Nagpur 2021-22
4	 Ranjana Shende	**Patent Granted on** • Gesture-Controlled Smart Display Device • Ethernet Switch **Book/Book Chapter Published on Title** **Copyright Awarded on** • Synopsis: Design and Analysis of Deep Learning Techniques for Computer Vision • Poster On Deepfake Detection App **NPTEL** • **Acquired an Elite certification in NPTEL course on "**Python for Data Science**"** **Grants Received** • MODROB worth 19,94,384 received in year 21-22 (Title of proposal: Modernization of Deep Learning Laboratory (Duration 2 Years.)) by the funding agency AICTE **Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered** • Ranjana Shende work as reviewer in International conference on Electrical Electronics and Computing Technologies organized by Sharda School and Technology, Sharda University, Greater Noida , Uttar Pradesh, India • Ranjana Shende works as a reviewer in 3rd International Conference on Advanced Communication, Energy and Big Data (ICACEBD-25) held on 5-6 June 2025

4	 Dr. Ravindra Kale	**Patent Granted on** • Portable Server • Tissue Dental Laser • C Arm Digital Radiography Equipment **Book/Book Chapter Published on Title** • Introduction to Blockchain Technology **Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered** • Ravindra Kale works as a reviewer in 3rd International Conference on Advanced Communication, Energy and Big Data (ICACEBD-25) held on 5-6 June 2025 • Ravindra Kale acted as Reviewer in ICAIBDA -22 GHRIET Nagpur, was sponsored by AICTE New Delhi,2021-22 • Completed his Ph.D from GHRU, Amravati, on dated:10/12/2025 under Dr. Sarika Khandelwal in the subject: "Early Detection of Knee Osteoarthritis using X-ray imaging Powered with Deep Learning and Computer Intelligent Techniques Amalgamated Framework "
5	 Dr. Minakshee Chandankhede	**Awards Received** **Patent Granted on** • AI Based Object Detection and Notification Device • IoT based Information Modelling for Cyber-Physical Production System Based on Digital Twin and Automation ML • Ethernet Switch • AI-Based Kids Oral Health Monitoring Device • AI Based Paediatric Blood Cancer Diagnosis Device **Book/Book Chapter Published on Title** • Blockchain Technology and its Application • Machine Learning Applications : Case Studies & Best Practices **Copyright Awarded on** • Power Point Presentation On Lexical Analyzer • Power Point Presentation on Syntax Analysis • Retinal Disease Diagnosis By Calculating Avr On Retinal Images Registration • Poster on Retinal Diabetic Retinopathy Detection Using Machine Learning Approach • Diabetic Retinopathy Detection • Intranet Exam Engine • Nourish Meter: A Nutrition Estimator

- Ayucare: Medicine Recommendation System
- Emotion Recognition Using Speech
- Smart Learning Recommendation System

NPTEL

- Acquired an Elite certification in NPTEL course on**,** "Effective Engineering Teaching in Practice**"**
- Acquired an Elite certification in NPTEL course on**,** **"**Introduction to Research**"**
- Successfully completed the certification in NPTEL course on, "Introduction to machine learning"
- Acquired an Elite certification in NPTEL course on**,** **"**Accreditation and Outcome Based Learning**"**
- Acquired an Elite certification in NPTEL course on, "Python for Data Science"

Grants Received

- MODROB worth 19,94,384 received in year 21-22 (Title of proposal: Modernization of Deep Learning Laboratory (Duration 2 Years.)) by the funding agency AICTE

Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered

- Minakshee Chandankhede Work as REVIEWER for IEEE International Conference on Communication, Computer, and Information Technology (IC3IT-2025) organized at Mysuru Royal Institute of Technology, Mandya, India on 24th and 25th October 2025 in association with IEEE Mysore Subsection and IEEE Bangalore Section.
- Minakshee Chandankhede works as a reviewer in 3rd International Conference on Advanced Communication, Energy and Big Data (ICACEBD-25) held on 5-6 June 2025
- Minakshee Chandankhede acted as Reviewer in ICAIBDA -22,GHRIET Nagpur, was sponsored by AICTE New Delhi,2021-22
- Dr. Minakshee Chandankhede Works as a REVIEWER for "Biomedical Signal Processing and Control" Elsevier Journal.
- Dr. Minakshee Chandankhede Work as a REVIEWER for "Multimedia Tools and Applications" Springer Journal.
- Dr. Minakshee Chandankhede Works as a REVIEWER for "Heliyon" Elsevier Journal.
- Completed her Ph.D from GHRU, Amravati, on dated:01/08/2025 under Dr. Amol Zade in the

		subject: "Develop a Robust System for Predicting Severity of diabetic Retinopathy on Retinal Fundus Images"
6	 Priyanka Gonnade	**Patent Granted on** • Advanced Communication Router • An Intelligent System & method to Track and navigate Moving Objects in a Smart Environment using IoT Network • AI Based Object Detection and Notification Device **Book/Book Chapter Published on Title** • Blockchain Technology and its Application **Copyright Awarded on** • Manual On C Graphics • Simulation of Drone Flight Planning and Modeling • ATM Fraud Detection System • Virtual Mouse With Hand Gesture Using Cnn Algorithm • Machine Learning Approaches for Breast Cancer Recurrence **NPTEL** • Acquired an Elite certification in NPTEL course on, "Teaching and Learning in General Programs" • Acquired an Elite certification in NPTEL course on, "Effective Engineering Teaching In Practice" • Acquired an Elite certification in NPTEL course on, "Data Analytics with Python" • Acquired an Elite certification in NPTEL course on, "Introduction to machine learning" • Acquired an Elite+Silver certification in NPTEL course on, "Research Methodology" **Grants Received** • Received grant 1,00,000 for club by Funding Agency SPICES on dated 02/02/2023 for the session 2022-2023 • Received grant 1,10,000 for Faculty development program by funding agency E&ICT Academy, NIT Warangal on dated 17/12/2023 for the session 2022-2023 • Received grant 61,000 for Faculty development program by funding EICT Academy IIT Roorkee on dated 22/02/2024 for the session 2023-2024 • Received grant 1,84,000 for Faculty development

		program by funding EICT Academy IIT Roorkee on dated 11/11/2024 for the session 2024-2025 • Received grant 2,00,000 for Faculty development program by funding E&ICT Academy, IIT Guwahati **on dated** 16/07/2025 for the session 2025-2026 **Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered** • Priyanka Gonnade Actively participate in two-day International Conclave on "Artificial Intelligence", held on 12-13 July 2024 at IIM Nagpur • Priyanka Gonnade works as a reviewer in 3rd International Conference on Advanced Communication, Energy and Big Data (ICACEBD-25) held on 5-6 June 2025 • Priyanka Gonnade acted as Reviewer in IEEE MYSURUCON 2021 The First Edition of the Flagship International Conference Series of IEEE Mysore at the session 2021-22 • Priyanka Gonnade acted as Reviewer in ICAIBDA - 22, GHRIET Nagpur, was sponsored by AICTE New Delhi,2021-22
7	 Kiran Likhar	**Awards Received** **Patent Granted on** • AI Based Object Detection and Notification Device • C Arm Digital Radiography Equipment • Sensor Device for Breast Cancer **Book/Book Chapter Published on Title** • Blockchain Technology and its Application **Copyright Awarded on** • Lab Manual on Data Analysis Using R • Blockchain Technology For Intelligent Transportation System **Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered** • Kiran Likhar works as a reviewer in 3rd International Conference on Advanced Communication, Energy and Big Data (ICACEBD-25) held on 5-6 June 2025 • Kiran likhar acted as Reviewer in ICAIBDA - 22,GHRIET Nagpur, was sponsored by AICTE New Delhi,2021-22

8	 Hemlata Kosare	**Patent Granted on** • AI Powered Supply Chain Tracking Device • AI Based Object Detection and Notification Device • C Arm Digital Radiography Equipment • Foldable Electric bike • Solar Powered Electric Vehicles Charging Station • Device for Monitoring the Activities of Kids Suffering from Autism **Book/Book Chapter Published on Title** • Database Management System • Artificial Intelligence • Book Chapter Evolutionary Algorithms to Optimise Deep Learning Models for Water Industry Forecasts Published in the book AI and Machine Learning for Mechanical and Electrical Engineering **Copyright Awarded on** • Code Generation Phase • Poster on Project **NPTEL** • Successfully completed the NPTEL course on, "Operating System Fundamentals" • Successfully completed the NPTEL course on, "Introduction to machine learning" • Acquired an Elite certification in NPTEL course on, "Research Methodology" • Successfully completed the NPTEL course on, "Operating System Fundamentals" **Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered** • Hemlata Kosare Delivers Guest Lecture on "Hands-on Training of Operating System", dated 31st August 2024 organised by G.H.Raisooni University Saikheda • Hemlata Kosare works as Reviewer in the International Conference on Recent Advances in Science and Engineering Technology (ICRASET-2024) in association with IEEE Bangalore Section • Hemlata Kosare works as a reviewer in 3rd International Conference on Advanced Communication, Energy and Big Data (ICACEBD-25) held on 5-6 June 2025 • Hemlata Kosare work as a reviewer for Elsevier and Reviewed 2 research papers from Elsevier (Journal, Engineering Applications of Artificial Intelligence)

		• Hemlata Kosare acted as Reviewer in ICAIBDA -22 GHRIET Nagpur, was sponsored by AICTE New Delhi,2021-22
9	 Nitin Barsagde	**Patent Granted on** • C Arm Digital Radiography Equipment **Book/Book Chapter Published on Title** • Introduction to Blockchain Technology **Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered** • Nitin Barsagde works as a reviewer in 3rd International Conference on Advanced Communication, Energy and Big Data (ICACEBD-25) held on 5-6 June 2025 • Nitin Barsagde acted as Committee Member in ICAIBDA -22 GHRIET Nagpur, which was sponsored by AICTE New Delhi, 2021-22
10	 Pushpa Chutel (Birha)	**Patent Granted on** • Smart Drip Irrigation System with Moisture Sensors and Arduino UNO • Infrared Equipped Night Vision Spectacles **Book/Book Chapter Published on Title** • Book Chapter Emergency Response Mobile Apps published in the book Developing AI, IoT and Cloud Computing-based Tools and Applications for Women's Safety **Copyright Awarded on** • Frequent Pattern Mining • Decision Tree Induction **Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered** • Pushpa Chutel acted as Committee Member in ICAIBDA -22 GHRIET Nagpur, which was sponsored by AICTE New Delhi, 2021-22 • Pushpa Chutel works as a reviewer in 3rd International Conference on Advanced Communication, Energy and Big Data (ICACEBD-25) held on 5-6 June 2025

11	 Amreen Khan	**Patent Granted on** • Artificial Intelligence Based USB Device for Managing Multiple Smart Devices • C Arm Digital Radiography Equipment **Copyright Awarded on** • Minimizing Distortion and Improving Quality of Video in Multi Clients Network • Effects Of Iot On Business Strategy • PPT on Introduction to NoSql **Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered** • Amreen Khan works as a reviewer in 3rd International Conference on Advanced Communication, Energy and Big Data (ICACEBD-25) held on 5-6 June 2025
12	 Dr. Pragati Fatinge	**Patent Granted on** • C Arm Digital Radiography Equipment • Artificial Intelligence Based USB Device for Managing Multiple Smart Devices **NPTEL** • Acquired an Elite certification in NPTEL course on, "Perspectives on Neurolinguistic" • Acquired an Elite certification in NPTEL course on, "Consumer Psychology" **Proposal submitted** • Dr. Sonali Ridhorkar(HOD,CSE), Mrs. Pragati Fatinge Submitted funding proposal for the subscription to the cloud services:Cohort 2 under MeitY Quantum Computing Applications Lab with a funding agency Ministry of Electronics and Information Technology(MoEITY) • Dr. Pragati Fatinge, Dr. Ravindra Kale submitted a funding proposal on , "Smart Surveillance Monitoring using Real-Time Location Tracking with Centralised Citizen Safety Database" • Dr. Pragati Fatinge ,Dr. Sonali Ridhorkar submitted a funding proposal of AICTE VAANI and subject is, "Workshop on Exploring the Synergy: The Future of AI and Data Science in Viksit Bharat 2047" **Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered** • Dr. Pragati Fatinge works as a reviewer in 3rd International Conference on Advanced Communication, Energy and Big Data (ICACEBD-25) held on 5-6 June

		2025 • Dr. Pragati Fatinge works as a reviewer in 3rd International Conference on Advanced Communication, Energy and Big Data (ICACEBD-25) held on 5-6 June 2025 • Completed her Ph.D from Sir Padmawat Singhania University on dated:20/11/2023 in the subject: "Designing Computer Vision Based Framework for Helping Visually Impaired in Their Daily Chores "
13	 Dr. Sarvesh Warjurkar	**Patent Granted on** • AI Based Object Detection and Notification Device **Proposal submitted** • Dr. Sonali Ridhorkar Dr. Sarvesh Warjurkar submitted a funding proposal of AICTE ATAL and subject is, "Two days Seminar on Application of Cloud Computing in Data Security and Privacy" **Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered** • Sarvesh Warjurkar Work as Reviewer 2nd IEEE International Conference on Emerging Trends in Engineering and Medical Sciences organized by YCCE, and technically co-sponsored by IEEE Bombay Section on dated 22nd and 23rd November 2025 • Sarvesh Warjurkar Publish Article in Lokmat Times Title "Why Today's Youth are Smart but Struggling More" • Sarvesh Warjurkar Publish Article in Lokmat Times Title "Is AI Gradually Making us Less Intelligent" • Sarvesh Warjurkar Publish Article in Lokmat Times Title "Degrees or Skills? What Really Matters Now" • Dr. Sarvesh Warjurkar works as a reviewer in 3rd International Conference on Advanced Communication, Energy and Big Data (ICACEBD-25) held on 5-6 June 2025 • Completed his Ph.D from GHRU, Amravati, on dated:17/03/2025 under Dr. Sonali Ridhorkar in the subject: "Design and Development of Deep Learning Approach for MRI Based Brain Tumour Detection "

14	 Mrs. Anita Puri	**Patent Granted on** • Artificial Intelligence Based USB Device for Managing Multiple Smart Devices **Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered** • Anita Puri works as a reviewer in 3rd International Conference on Advanced Communication, Energy and Big Data (ICACEBD-25) held on 5-6 June 2025
15	 Pallavi Hiwarkar	**Patent Granted on** • AI Based Object Detection and Notification Device **Book/Book Chapter Published on Title** • High-Performance Computing for Satellite Image Processing Using Apache Spark Published in Bentham Science 11 November 2022. • Book Publication: Introduction to Business Intelligence Analytics was published on 12 December 2025 as a Kindle Edition. **Paper Publication** • Paper Publication: AI-Based Career Guidance System in International Research Journal of Innovations in Engineering and Technology (IRJIET), Publication Date: December 2025. **Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered** • Served as a Reviewer for the 2021 IEEE International Conference on Computational Intelligence and Computing Applications (IEEE-ICCICA-21) organized by G H Raisoni College of Engineering, Nagpur, and technically supported by the IEEE Bombay Section. The conference was held on 26th and 27th November 2021, recognizing her valuable contribution to the peer-review process and the promotion of high-quality research in computational intelligence and computing applications. • Served as a Reviewer for the 2024 International Conference on Innovations and Challenges in Emerging Technologies (IEEE-ICICET 2024) organized by the Department of Data Science, IoT Cyber Security, G H Raisoni College of Engineering, Nagpur, in association with the GHR

		Labs and Research Center. The conference was held on 7th and 8th June 2024 and was technically sponsored by IEEE, IEEE Bombay Section, and IEEE Nagpur Subsection. This recognition highlights her valuable contribution to the peer-review process and the promotion of quality research in emerging technologies. • Contributed as an Official Reviewer for Multimedia Tools and Applications, a prestigious Scopus Q1 indexed journal
16	 Dr. Vijaya Kamble	**Patent Granted on** • AI Based Object Detection and Notification Device **Session chair/ reviewer/ Board Member/Guest Lecture or Expert lecture delivered** • Vijaya Kamble works as a reviewer in 3rd International Conference on Advanced Communication, Energy and Big Data (ICACEBD-25) held on 5-6 June 2025