PUBLICATIONS

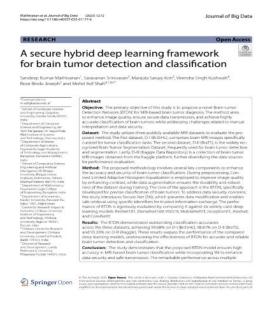
Dr. Manjula Sanjay Koti, HOD-MCA, published a Research Paper in the Journal of "Basic Science and Engineering" entitled "A Novel Hybridized Prediction Model for Detection of Chronic Renal Diseases using Multilayer Perceptron-Stochastic Gradient Descent based Boosted Classifiers".





Dr. Manjula Sanjay Koti, HOD-MCA, published a Research Paper in the Journal of "Big Data" entitled "A secure hybrid deep learning framework for brain tumor detection and classification".





Dr. Chitra K, Assoc. Prof., Dept. of MCA,, has published an paper in the International Journal of Engineering System Modelling and Simulations on "Transforming electrical simulation and management with smart grid technologies" in Scopus-indexed Q3 Journal





Dr. Manjula Sanjay, Professor and Head, Dept. of MCA published an article "A Deep Learning Framework for Early Detection of Chronic Suppurative Otitis Media Using Otoscopic Images to Improve Patient Care Focusing on SDG-3", in Acervo Journal (Q2), indexed in Scopus and WOS



ACERVO JOURNAL//ISSN:2237-8723

A Deep Learning Framework for Early Detection of Chronic Suppurative Otitis Media Using Otoscopic Images to Improve Patient Care Focusing on SDG-3

S. Satheesh Kumar, Manjula Sanjay Koti, Vanipriya C.H

Research Scholar, Visvesvaraya Technological University, Belagavi, Karnataka, India.

'Assistant Professor, Department of Computer Science, School of Applied Sciences
REVA University, Bengaluru, Karnataka, India.

'Professor & Head, Department of MCA, Dayananda Sagar Academy of Technology and
Management
Bengaluru, Karnataka, India.

'Professor & Head, Department of MCA, Sir M, Viscesvaraya Institute of Technology,
Bengaluru, Karnataka, India.

'satheesh sampath@amail.com, 'manital.skee@amail.com, vanipriya_is@sirmvit.edu

Untrented Chronic Suppurative Otitis Media (CSOM), which represents a long-term middle ear infection, may cause serious health problems including hear loss and brain infections. The prevention of long-term damage depends on early detection and precise classification to enable proper management of medical conditions. Our research presents a new diagnostic framework utilizing deep learning techniques and a tailored Convolutional Neural Network structure derived from EfficientNetV2, which processes otoscopic images and patient information to enable automated CSOM diagnosis. Researchers utilized a comprehensive dataset for both training and validation of the model to achieve robust generalization capabilities and precise prediction outcomes. The proposed approach combines feature extraction with classification and predictive analytics capabilities to ald healthcare professionals in making timely diagnoses and treatment decisions. The research shows that the custom CNN model performs exceptionally well when differentiating between normal cases and those with otitis media or chronic infections. The research reveals how artificial intelligence can transform otological diagnostic processes to enhance clinical decision-making which support progress towards Sustainable Development Goal for improved health and well-being using intelligent image-based solutions.

PATENTS

Dr. Manjula Sanjay Koti, HOD-MCA has received a Design Patent grant for the "IOT ENABLED ROBOT FOR ULTRAVIOLET DISINFECTION"





Dr. Chitra K, Assoc. Prof., Dept. of MCA, has published a Patent on "Method for analyzing animal behavior patterns using Machine Learning Algorithms"



(3) PARTINT APPLICATION PUBLICATION
(2) Application 3o 2025-1001399 A
(2) Date of filing of Application 30102025
(3) Pablication Date: 1184-2025
(4) Publication Date: 1184-2025
(5) Title of the invention: MRT1900 FOR ANALYZING ANDAL BEHAVIOR PATTERNS USING MCHINNE LEARNING ALGORITHMS

(7) Name of Applicant to Applicant to 1916 And Applicant to 1916 App

INTERACTION WITH THE OUTSIDE WORLD

Dr. Manjula, HOD-MCA, has chaired the session for the online workshop on "Blockchain Bootcamp: Developing Smart Contracts" at AACST, on 28th February 2025.





Dr. Chitra K, Associate Professor, Dept. of MCA, has chaired the session for the online workshop on "BLOCKCHAIN BOOTCAMP: DEVELOPING SMART CONTRACTS" at AACST, on 28th February 2025





Dr. Manjula Sanjay Koti, Professor and Head, Dept. of MCA was the Session chair for the National conference on "Transforming management education in a digital world – innovation, technology, and inclusive leadership for global impact" on June 19, 2025





Dr.Chitra k, Associate Professor, Dept. of MCA, "Dept. of MCA was the Session chair for the National conference on "Transforming management education in a digital world – innovation, technology, and inclusive leadership for global impact" on June 19, 2025





BOOK

Dr. Aruna M, Assistant Professor, Dept. of MCA, published a Book Chapter entitled "Integrating Cognitive Science with Virtual Reality: Enhancing Human Perception and Learning", in Fusion of Ideas & Trends.



Dr. V.SRINIVASAN, Dr. M.ARUNA
Associate Professor, Assistant Professor,

Associate Professor, Associate Professor, Associate Professor, Department of MCA, Department of MCA, Dayanand Sagar College of Dayanand Sagar Academy Dayanand Sagar College of Engiscering, Bangalore.

Management, Bengaluru Engineering, Bangalore.

Dr.R.JAYANTHI,

Engineering, Bangalore. of Technology and Engineering, manganove.

Management, Bengaluru

Introduction

The advancements in technology have opened new avenues for studying human cognition and behaviour. One of the most promising and impactful technologies in this context is Vixtual Reality (VR). VR has evolved from an entertainment medium into a tool that can be used for research, education, and cognitive rehabilitation. Cognitive science, a multidisceptimery field that explores how humans perceive, learn, and remember, has greatly benefited from VR by providing researchers with new ways to simulate real-world environments, manipulate sensory inputs, and study cognitive functions in a controlled, immersive setting. The combination of VR with cognitive science has led to deeper insights into how human perceptions, learning, and memory work, as well as how these processes can be enhanced for educational and therapeotic purposes.

This chapter explores the integration of cognitive science and VR, focusing on how VR etchnologies are used to study and enhance human perceptionandhearning. We will discuss the impact of VR on the study of perception, attention, and memory, and how it has revolutionized both research and applications in educational and therapeotic settings. Mathematical models and experimental design will be used to explain the cognitive mechanisms involved in VR-enhanced learning and perception [1].

1. Virtual Reality and Human Perception inchancing Sensory Processing

Human perception refers to the process by which we interpret sensory information from our environment and make sensor of it. Cognitive science has long cought to understand how the brain processes sensory inputs, inclading vision, hearing, touch, and propriscoption (the brain processes sensory inputs, inclading vision, hearing, touch, and propriscoption (the brain processes sensory inputs, inclading vision, hearing, touch, and propriscoption (the brain processes sensory inputs, inclading vision, hearing, touch, and propriscoption (the b

FACULTY DEVELOPMENT PROGRAMME(FDP)

Mrs. Ushasree R, Assistant Professor, Dept. of MCA, participated in the ATAL FDP on "Design Thinking for Healthcare Innovation" at Global Institute of Technology, from 17th - 22nd February 2025





Mrs. Pushpanjali, Assistant Professor, Dept. of MCA, participated in the FEP on "Front End Web Developer Certification" on 24th February 2025.





Dr. Enoch Arulprakash, Assistant Professor, Dept. of MCA, participated in the FEP on "JavaScript" & HTML5-The Language" on 15th February 2025.



Mrs. Pushpanjali, Assistant Professor, Dept. of MCA, participated in the FEP on "JavaScript" on 19th February 2025





| | | | | | | | | COURSE COMPLETION CERTIFICATE

The certificate is awarded to

Pushpanjali S

for successfully completing the course

JavaScript

on February 19, 2025



Congratulations! You make us proud!

Mrs. Priyadarshini S, Assistant Professor, Dept. of MCA, participated in the EBSCO Training on VTU-EBSCO & AMA, on 3rd March 2025



Mrs. Ushasree R, Assistant Professor, Dept. of MCA, in participated in the EBSCO Training on VTU-EBSCO & AMA, on 3rd March 2025





Mrs. Pushpanjali, Assistant Professor, Dept. of MCA, participated in the FEP on "Basics of python & Python Foundation Certification" on 28th February 2025.



Dr. Enoch Arulprakash, Assistant Professor, Dept. of MCA, participated in the FEP on "CSS3" on 24th February 2025.





| | | | | | | | COURSE COMPLETION CERTIFICATE | | | | | | | |

The certificate is awarded to

ENOCH ARULPRAKASH

for successfully completing the course

on February 24, 2025

Infosys | Springboard

Congratulations! You make us proud!

Thirumala Arohi Executive Vice President and Global Head Education, Training & Assessment (ETA) Dr. Chitra K, Associate Professor, Dept. of MCA, participated in the FDP on National Level Awareness Program on Institutional Development Plan (IDP) conducted by IAE, Hyderabad, on 6th March 2025.





Dr. M Aruna, Assistant Professor, Dept. of MCA, attended FDP on "Gamify to Amplify – Transforming Learning through play" on 19th June 2025.





Dr. M Aruna, Assistant Professor, Dept. of MCA, attended FDP on "Designing Scalable Machine Learning solutions with KNIME: From Data Preparation to Deployment" by Nanda Engineering College, Erode on $16^{th} - 21^{st}$, June 2025.



Ms. Priyadarshini S R, Assistant Professor, Dept. of MCA, participated in the FDP on "AI Tools for Teaching" conducted by Brindavan college of Engineering, Bengaluru on June 28, 2025.





Mrs Ushashree R, Assistant Professor, Dept. of MCA, participated in the FDP on "AI Tools for Teaching" conducted by Brindavan college of Engineering, Bengaluru on June 28, 2025.



Ms. Pushpanjali S, Assistant Professor, Dept. of MCA, participated in the FDP on "AI Tools for Teaching" conducted by Brindavan college of Engineering, Bengaluru on June 28, 2025.





Ms. Pushpanjali S, Assistant Professor, Dept. of MCA, completed the FDP on "Programming Fundamentals using Python-part-1" from Infosys springboard ,on July 18, 2025.



Ms. Amsaveni M, Assistant Professor, Dept. of MCA, attended FDP on "AI Tools for Teaching" conducted by Brindavan college of Engineering, Bengaluru on June 28, 2025.





Ms. Amsaveni M, Assistant Professor, Dept. of MCA, has attended FDP on "AI Driven Cyber Security for Smart Devices" conducted by Annamacharya PG College of Computer Studies from June 16-20,2025.





Ms. Amsaveni M, Assistant Professor, Dept. of MCA, has participated in the FDP on "Advanced AI applications Research and Paper Writing" by Ponda Education Society Ravi.S Naik College of Arts and Science Farmgudi, Ponda, Goa from June 30 to July 4,2025.





Mr. Bharath Kumara J, Assistant Professor, Dept. of MCA, has participated in the FDP on "AI Tools for Teaching" by Brindavan college of Engineering, Bengaluru on June 28,2025.





Dr. Enoch Arulprakash, Assistant Professor, Dept. of MCA, has participated in the FDP on "AI Tools for Teaching" by Brindavan college of Engineering, Bengaluru on June 28,2025.





Ms. Priyadarshini S R, Assistant Professor, Dept. of MCA, completed the FDP on "Programming Fundamentals using Python-part-1" from Infosys springboard, on July 18, 2025.





| | | | | | | | COURSE COMPLETION CERTIFICATE | | | | | | | |

The certificate is awarded to

priyadarshini siddaiah

for successfully completing the course

Programming Fundamentals using Python - Part 1

on July 18, 2025



Congratulations! You make us proud!

Thirumala Arohi
Executive Vice President and Global Head
Education, Training & Assessment (ETA)
Infosse Limited

Ms. Pushpanjali S, Assistant Professor, Dept. of MCA, completed the FDP on "Programming Fundamentals using Python-part-2" from Infosys springboard, on July 25, 2025.





COURSE COMPLETION CERTIFICATE

The certificate is awarded to

Pushpanjali S

for successfully completing the course

Programming Fundamentals using Python - Part 2

on July 25, 2025

Infosys | Springboard

Congratulations! You make us proud!

Thirumala Arohi Executive Vice President and Global Head Education, Training & Assessment (ETA) Infosys Limited Ms. Amsaveni M, Assistant Professor, Dept. of MCA, has attended the webinar on "The Art of Research Writing" organized by The Tejas Scientific Researcher Foundation on 28 July,2025.



Ms. Aruna M, Assistant Professor, Dept. of MCA, completed the FDP on "ReactJS" from Infosys springboard, on July 31, 2025.





| | | | | | | | COURSE COMPLETION CERTIFICATE | | | | | | | |

The certificate is awarded to

Aruna Murugesan

for successfully completing the course

ReactJS

on July 31, 2025

Infosys | Springboard

 $Congratulations! \it You make \it us proud!$

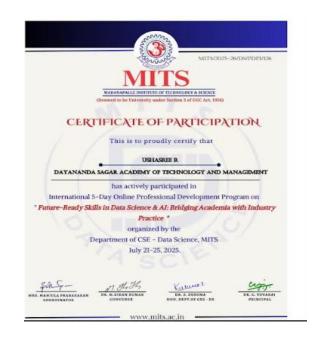


Mrs. Pushpanjali S, Assistant Professor, Dept. of MCA, has attended the webinar on "The Art of Research Writing" organized by The Tejas Scientific Researcher Foundation on 28 July,2025.



Mrs. Ushashree R, Assistant Professor, Dept. of MCA, participated in the Professional Development Program on "Future-Ready Skills in Data Science & AI: Bridging Academia with Industry Practice" conducted by Dept. of CSE-DS,MITS, on 21-25 July, 2025.

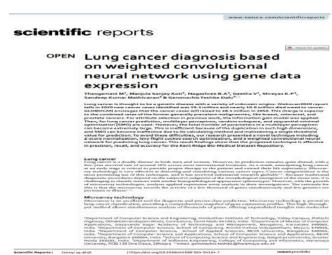




PUBLICATIONS

Dr. Manjula, HOD-MCA has published an article "Lung cancer diagnosis based on weighted convolutional neural network using gene data expression" in the Journal of "Scientific Reports" (Q1) indexed in WOS.





Dr. Manjula, HOD-MCA published an article "Multi-Criteria Decision-Making for Energy Management in Smart Homes Using Hybridized Neuro-Fuzzy Approach " in the Journal of "Distributed Generation and Alternative Energy Journal" (Q3)



Multi-Criteria Decision-Making for Energy Management in Smart Homes Using Hybridized Neuro-Fuzzy Approach

U. V. Anbazhagu¹, Manjula Sanjay Koti², V. Muthukumaran^{3,}*, V. Geetha⁴ and Meram Munrathnam⁵

- ¹Department of Computing Technologies, School of Computing, Faculty of Engineering and Technology, SRM Institute of Science and Technology, SRM Nagar, Kattankulathur, Chennai, TN, India
 ²Department of MCA, Dayananda Sagar Academy of Technology and Management Bangalore, 560082, India
- Department of Mathematics, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur Campus, Tamilnadu-603 203,
- Institute of Science and Technology, Kautanata and Technology, Kautanata and Technology, Kautanata and Technology, Revalution of Applied Sciences. REVA University, Bangalore, India

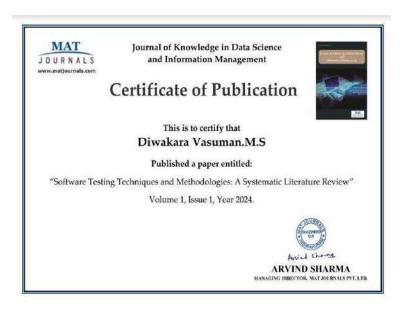
 Department of Mathematics, Rajiv Gandhi University of Knowledge Technologies, R.k. Valley, Idapulapaya, Kadapa Dt., Andhra Pradesh-516330, India
 E-mail: anbuveera@gmail.com; manjula.dsee@gmail.com;
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 munirathman1986@gmail.com
 *Corresponding Author

Received 01 June 2023; Accepted 01 August 2023; Publication 02 November 2023

The necessity for smart energy oversight solutions has arisen in response to the rising popularity of energy-efficient home automation and other energy-saving technologies. Optimizing smart home energy use using multi-criteria decision-making (MCDM) is a proven methodology. However, the procedure

Diwakar Vaduman M S Asst. Prof., Dept of MCA published a paper in the Journal of "Software Testing Technologies and Methodologies: A Systematic Literature Review"

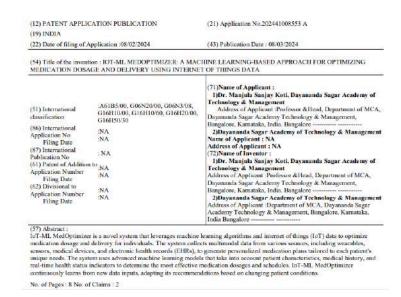




PATENTS

Dr. Manjula, HOD-MCA, has published a Patent on "IOT-ML Med Optimizer: A machine learning-based approach for optimizing medication dosage and delivery using Internet of things data" on 08-02-2024.





Dr. Chitra K Assoc, Prof., Dept of MCA has published a Patent on "Cloud Computing & Edge computing Paradigms for massive access in a Cell-Free massive Mimo-Based internet of Things(IOT)" on 13th October, 2023.





Dr. Chitra K ,Associate Professor , Department of MCA, has published a Patent on "Robust Encryption and Access Control Mechanisms for Ensuring Confidentiality in Cloud-Based Data Storage" on 08-03-2024.





RESEARCH FUNDING

Dr. Manjula ,HOD-MCA received Research Funding Amount of Rs.1,00,000/- for the Research Topic "Exploring Gender Equity and Women Empowerment in Malaysia Corporate Sector"





INTERACTION WITH THE OUTSIDE WORLD

Dr. Manjula, HOD- MCA, participated in the Industrial Event "AWS Skill Builder" organized by Amazon, on Sep 18,2024.





Dr. Manjula, HOD-MCA was the resource person for the National Level Workshop on "Quantum Computing Technologies: Exploring Interdisciplinary Frontiers" organized by AACST on August 22, 2024.





Dr. Manjula , HOD-MCA attended a Workshop on "AICTE approval process 2024-2025" at Jnana Jyothi Auditorium Bengaluru.





Dr. Manjula, HOD-MCA, delivered Technical Talk on "Digital Pedagogy: Incorporating ICT in Teaching and Evaluation" at Surana College, Bangalore on 8th july 2024.





Dr. Manjula, HOD-MCA, was the resource person for the ATAL-FDP on "Comprehensive Cyber Security Techniques" organized by KG College of Science, Coimbatore on Sep 3,2024.





Dr. Chitra K, Assoc. Prof., Dept. of MCA, was the resource person for the National Level Workshop on "Quantum Computing Technologies: Exploring Interdisciplinary Frontiers" organized by AACST on August 22, 2024.

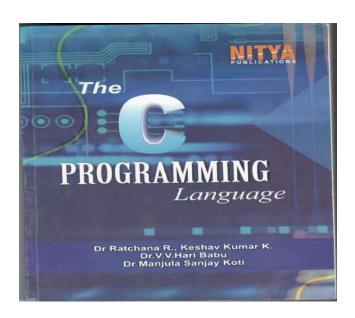




BOOKS

Dr. Manjula, HOD-MCA published a book on "The C Programming Language", Nity publications





Dr. Chitra K Associate Professor, MCA published a Book on "BlockChain Technology"

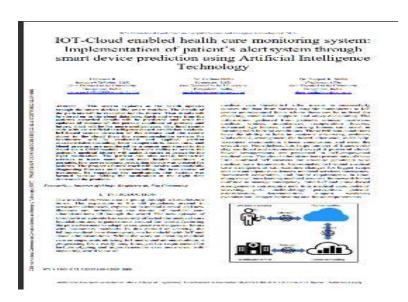




CONFERENCE PUBLICATION

Ushashree R Assistant Professor, Department of MCA published a Paper on "IOT-Cloud enabled Health Care monitoring system: Implementation of Patient's alert system through smart device prediction using Artificial Intelligence Technology" indexed in IEEE Xplore





Faculty Development Programme(FDP)

Dr. Chitra K Assoc, Prof., Dept of MCA. Completed the MOOC on "Programming Fundamentals using Python –Part1 & Part-2" on October 10,2023.









Dr. Chitra K, Associate Professor, Department of MCA, is recognised as "Top Performing mentor" for NPTEL Online Certification course on Database Management System.





Dr. Chitra K, Associate Professor, Department of MCA attended Faculty Development Program on "Social Emotional Learning" from 16 To 17 January 2024.





Dr. Chitra K ,Associate Professor , Department of MCA, attended the International Faculty Development Program on "Advanced Research Methodology and AI" from 18 To 23-03-2024.





Dr. Chitra K, Assoc. Prof., Dept.. of MCA, Attended FDP on "Deep Learning and Its Cutting Edge Application(DLCEA)" from 1st -6th April, 2024.





Dr. Chitra K, Associate Prof., Dept. of MCA, Completed Online Course on Google Cybersecurity", from Google.





Ushashree R Assistant Professor, Department of MCA attended FDP on "Data Analytics using Python & Power BI" held from December 05 To 09, 2023.





Ushashree R, Assistant Professor, Department of MCA, is recognised as "Top Performing mentor" for NPTEL Online Certification course on Database Management System.





Ushasree R, Asst. Prof., Dept. of MCA, participated in the FDP on "Artificial Intelligence Workshop" held on April 19-20,2024.





Mrs. Ushasree R, Asst. Prof., Dept. of MCA, participated in the FDP on "Unlocking Social Science Research: From Methodologies to Funding" held on May 9,2024.





Shreedhara N Hegde, Assistant Professor, Department of MCA, is recognised as "Top Performing mentor" for NPTEL Online Certification course on Database Management System.



Priyanka Mohan, Asst. Prof., Dept. of MCA, participated in the FDP on "The Cadet Citation" on April 13,2024.





Priyanka Mohan, Asst. Prof., Dept. of MCA, participated in the FDP on "Professional Ethics at Workplace" on April 13,2024.





Priyanka Mohan, Asst. Prof., Dept. of MCA, participated in the FDP on "National Security Database program" on April 13,2024.





Priyanka Mohan, Asst. Prof., Dept. of MCA, participated in the FIP on "Agile Scrum Practice", from Infosys Springboard .





Priyanka Mohan, Assistant Professor, Department of MCA, is recognised as "Top Performing mentor" for NPTEL Online Certification course on Database Management System.





Chetankumari N, Asst. Prof., Dept. of MCA, participated in the FDP on "Data Visualization using Tableau" on April 1-5,2024.





Diwakar Vasuman M S, Assistant Professor, Department of MCA attended Faculty Development Program on "Social Emotional Learning" from 16 To 17 January 2024.





Priyadarshini S, Asst. Prof., Dept. of MCA, participated in the FIP on "Python for Data Science", from Infosys Springboard .





Priyadarshini S, Asst. Prof., Dept. of MCA, participated in the FIP on "Natural Language Processing for developers", from Infosys Springboard .





Faculty Achievements

Dr. Manjula, HOD-MCA received Research Funding of Rs.1,00,000/- for the Research Topic "Exploring Gender Equity and Women Empowerment in Malaysia Corporate Sector", from INTI International University.



Dr.Manjula, HOD-MCA, delivered Keynote address on "Emerging Trends in Artificial Intelligence and Machine Learning during 6th International Conference on Innovation and Technopreneuship(ICIT 2023),INTI International University, Malaysia, Sep 21-22, 2023.



Dr. Manjula, HOD-MCA, delivered Technical Talk on "Artificial Intelligence and Machine Learning in Health care" organized by Iloilo State University of Fisheries Science and Technology, (IFERP)-Philippines Society held on August 29-30,2023 at Manila, Philippines as Hybrid Conference



Dr.Manjula, HOD-MCA received certificate of Appreciation for publishing patent with DSATM Affiliation on world IPR Day, April 26, 2023.



Dr.Manjula, HOD-MCA, received certificate of appreciation for achieving 100% result for the course Data Mining & Business Intelligence the VTU Examination held during 2022-23



Dr.Manjula, HOD-MCA, received certificate of appreciation as Best Professional Performer for 2022-23.



Dr.Manjula Sanjay Koti, HOD-MCA, delivered Keynote Address on "A hybrid security framework using IOT for healthcare system" at KE college of Arts and Science, Coimbatore On April 13,2023.



Dr. Manjula Sanjay Koti, Prof & HOD-MCA has published a Patent on Deep Learning Based Patient Monitoring System Using IOT for Healthcare, on Mar 17, 2023



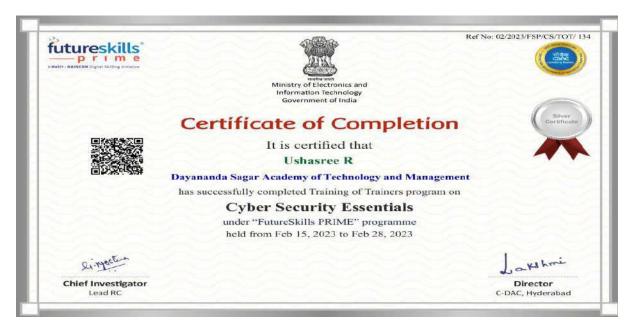
Dr. Chitra K, Associate Professor, MCA Dept. Received Educator Training Certificate on Alteryx Software



Dr. Chitra K, Associate Professor, MCA Dept. Received Certificate for Block chain technology from CDAC



Ushasree R completed a certification course on 'Cyber Security Essentials' with Silver Certificate.



Ushasree R completed a certification course on 'Cyber Security Essentials with Gold Certificate.



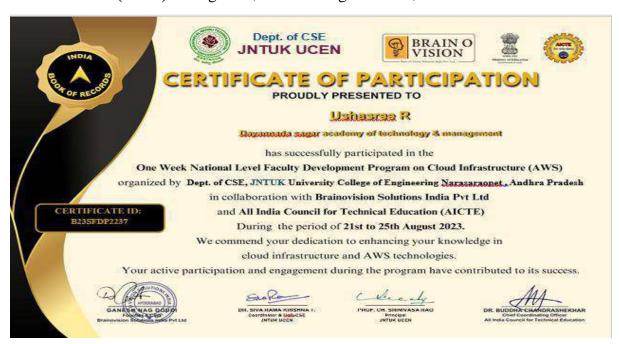
Ushasree R has filed a patent on the topic "IMAGE REGISTRATION TECHNIQUES FOR ACCURATE DIAGNOSIS OF BREAST CANCER BY UTILISING RADIOLOGY" on 21/02/2023.



Ushasree R presented paper "GAN, CNN and ELM Based Breast Cancer Detection" in second international conference on Innovation in Technology (INOCON 2023) IEEE held at Sai Vidya Institute of Technology, March 2023.



Ushasree R Asst. Prof., Dept. of MCA, participated in the FDP on "Cloud Infrastructure(AWS)" Bengaluru, held on August 21-25,2023



Shreedhara N Hegde completed a certification course on "**Programming Fundamentals using python – part1**".



| | | | | | | | | | COURSE COMPLETION CERTIFICATE | | | | | | | | |

The certificate is awarded to

Shreedhara N Hegde

for successfully completing the course

Programming Fundamentals using Python - Part 1

on July 18, 2023



Congratulations! You make us proud!

Thirumala Arohi Senior Vice President and Head Education, Training and Assessment (ETA) Infosys Limited

Issued on: Tuesday, July 18, 2023

Shreedhara N Hegde completed a certification course on "**Programming Fundamentals** using python – part2".



Shreedhara N Hegde completed a certification course on Basics of Python



Shreedhara N Hegde completed a certification course on Introduction to Unix



| | | | | | | | | COURSE COMPLETION CERTIFICATE | | | | | | | |

The certificate is awarded to

Shreedhara N Hegde

for successfully completing the course

Introduction to Unix

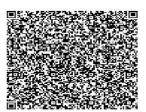
on August 22, 2023



Congratulations! You make us proud!

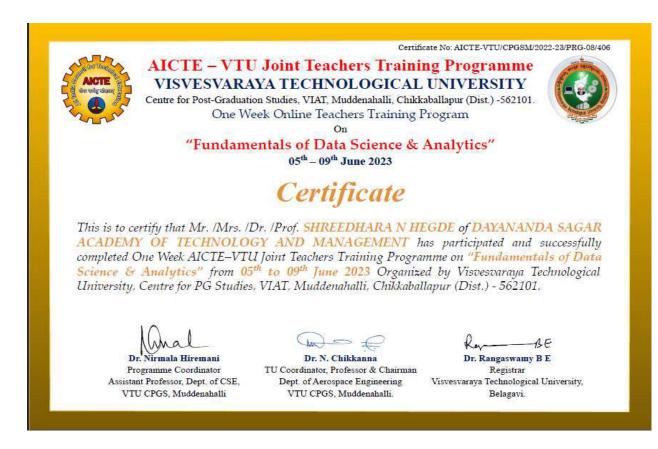
Thirumala Arohi

Senior Vice President and Head Education, Training and Assessment (ETA) Infosys Limited



Issued on: Tuesday, August 2.2, 2023
To verify, scan the QR code at https://verify.onwingspan.com

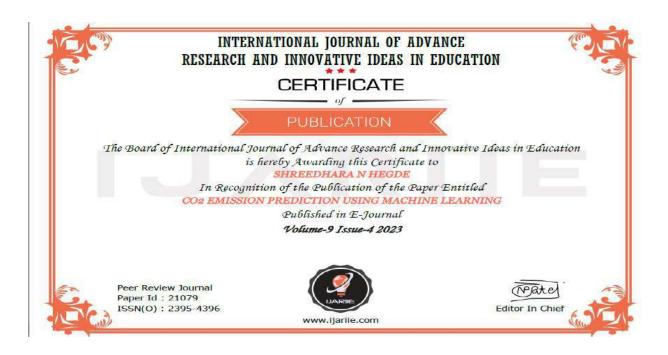
Shreedhara N Hegde completed one week Teachers Training on **Fundamentals of data** science and analytics organized by VTU.



Shreedhara N Hegde Published a paper entitled "SALINITY IN DRINKING WATER IS ANALYZED BY A PHOTONIC SENSOR AND MACHINE LEARNING" in E Journal Paper Id: 21078 ISSN(O): 2395-4396 Volume-9 Issue-4 2023.



Shreedhara N Hegde Published a paper entitled **CO2 EMISSION PREDICTION USING MACHINE LEARNING in** E journal. Paper Id: 21079 ISSN(O): 2395-4396 Volume-9 Issue-4 2023.



Shreedhara N Hegde Published a paper entitled **VIDEO STEGANOGRAPHY** in E Journal Paper Id: 21178 ISSN(O): 2395-4396 Volume-9 Issue-4 2023.



Priyanka Mohan completed a certification course on **Programming Fundamentals** using python – part1.



| | | | | | | | | | | | | | COURSE COMPLETION CERTIFICATE | | | | | | | | |

The certificate is awarded to

Priyanka Mohan

for successfully completing the course

Programming Fundamentals using Python - Part 1

on July 19, 2023



Congratulations! You make us proud!

Thirumala Arohi Senior Vice President and Head Education, Training and Assessment (ETA) Infosys Limited



Issued on: Wednesday, July 19, 2023
To verify, scan the OR code at https://verify.onwingspan.com

Priyanka Mohan completed a certification course on **Programming Fundamentals** using python – part2.



| | | | | | | | | | COURSE COMPLETION CERTIFICATE | | | | | | | | |

The certificate is awarded to

Priyanka Mohan

for successfully completing the course

Programming Fundamentals using Python - Part 2

on July 19, 2023





Congratulations! You make us proud!

Thirumala Arohi
Senior Vice President and Head
Education, Training and Assessment (ETA)
Inflosys Limited

Issued on: Wednesday, July 19, 2023 To verify, scan the QR code at https://verify.onwingspan.com

Priyanka Mohan completed a certification course on Basics of Python



The certificate is awarded to

Priyanka Mohan

for successfully completing the course

Basics of Python

on July 18, 2023



Infosys Springboard

Congratulations! You make us proud!

Thirumala Arohi Senior Vice President and Head Education, Training and Assessment (ETA) Infosys Limited

Issued on: Tuesday, July 18, 2023
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