

POSTDOCS (2023- 2024) COHORT-2

1. Candidate Name - **Dr. Vanmathi C**

Enrollment No - UL/PDF/2023-24/001A

Topic : **Analysis of Traumatic brain images using Cognitive Machine Learning**

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides - Prof Siva Shankar S , KG Reddy College of Engineering & Technology,Hyderabad,Telengana, INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhanian University, Udaipur,Rajasthan, INDIA

Duration - **December 28, 2023 - December 27, 2024**

2. Candidate Name - **Dr. Thomas Samraj Lawrence**

Enrollment No - UL/PDF/2023-24/001B

Topic : **Quantum Transfer Learning algorithm for Medical Image Recognition**

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides - Prof G Nagarajan, Satyabhama Institute of Science and Technology,Chennai,Tamil Nadu, INDIA

Duration - **December 28, 2023 - December 27, 2024**

3. Candidate Name - **Dr. Siddhartha Choubey**

Enrollment No - UL/PDF/2023-24/001C

Topic : **UAV-IoT Collaboration: Energy and Time-Saving Task Scheduling Scheme for better QoS**

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides - Prof Siva Shankar S , KG Reddy College of Engineering & Technology,Hyderabad,Telengana, INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhanian University, Udaipur,Rajasthan, INDIA

Duration - **December 28, 2023 - December 27, 2024**

4. Candidate Name - **Dr Ravi Kumar Saidala**

Enrollment No - UL/PDF/2023-24/001D

Topic : **Enhancing Ensemble Machine Learning through Metaheuristic-driven Optimal Hyperparameter Tuning: A Comprehensive Performance Analysis**

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides - Prof Siva Shankar S , KG Reddy College of Engineering & Technology,Hyderabad,Telengana, INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhanian University, Udaipur,Rajasthan, INDIA

Duration - **December 28, 2023 - December 27, 2024**

5. Candidate Name - **Dr. I. S. Hephzi Punithavathi**

Enrollment No - UL/PDF/2023-24/001E

Topic : **Automatic Grading of Diabetic Retinopathy using Deep learning Models**

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides - Prof Siva Shankar S , KG Reddy College of Engineering & Technology,Hyderabad,Telengana, INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhanian University, Udaipur,Rajasthan, INDIA

Duration - **December 28, 2023 - December 27, 2024**

6. Candidate Name - **Dr. Chintureena Thingom**

Enrollment No - UL/PDF/2023-24/001F

Topic : **Design & Implementation Of Cloud Computing Technology for Enhancing Efficiency in Enterprise Environments**

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides - Prof Siva Shankar S , KG Reddy College of Engineering & Technology,Hyderabad,Telengana, INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhanian University, Udaipur,Rajasthan, INDIA

Duration - **December 28, 2023 - December 27, 2024**

7. Candidate Name - **Dr Shikha Chadha**

Enrollment No - UL/PDF/2023-24/001G

Topic : **Plant Leaf Disease Detection using Machine Learning Techniques**

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides - Prof Siva Shankar S , KG Reddy College of Engineering & Technology,Hyderabad,Telangana, INDIA
Prof Prasun Chakrabarti , Sir Padampat Singhania University, Udaipur,Rajasthan, INDIA

Duration - **December 28, 2023 - December 27, 2024**

8. Candidate Name - **Dr.V.Sireesha**

Enrollment No - UL/PDF/2023-24/001H

Topic : **Automated Diagnosis Segmentation of Diabetic Eye Diseases Using Optimized Deep Convolutional Model**

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides - Prof Siva Shankar S , KG Reddy College of Engineering & Technology,Hyderabad,Telangana, INDIA
Prof Prasun Chakrabarti , Sir Padampat Singhania University, Udaipur,Rajasthan, INDIA

Duration - **December 28, 2023 - December 27, 2024**

9. Candidate Name - **Dr. Nithyanantham Sampathkumar**

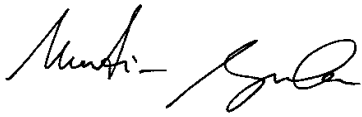
Enrollment No - UL/PDF/2024-25/001L

Topic : **Enhancing defence training with Augmented Reality (AR) ,Virtual Reality (VR) and Deep Learning (DL)**

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides - Prof Siva Shankar S , KG Reddy College of Engineering & Technology,Hyderabad,Telangana, INDIA
Prof Prasun Chakrabarti , Sir Padampat Singhania University, Udaipur,Rajasthan, INDIA

Duration - **February 29, 2024 - February 28, 2025**



Prof. Dr. Martin Margala

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Prof. Dr. Prasun Chakrabarti

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POSTDOCS (2024- 2025)- COHORT-3

1. Candidate Name - **Dr.S.Ramacharan**

Enrollment No - UL/PDF/2024-25/001A

Topic : **A Deep Learning Framework and Algorithms for Breast Cancer Detection Screening Mammography**

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides- Prof.Dr.Amjan Shaik , Professor of Computer Science and Engineering & Dean-R&D Cell, St.Peter's Engineering College, Maisammaguda, Hyderabad, Telengana, INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhania University, Udaipur,Rajasthan, INDIA

Duration - **January 25, 2024 - January 24, 2025**

2. Candidate Name - **Dr.Jayavani Vankara**

Enrollment No - UL/PDF/2024-25/001B

Topic : **A Deep Learning Framework towards a Comprehensive Face Sketch Synthesis using Generative Adversarial Network**

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides- Prof.Dr.Amjan Shaik , Professor of Computer Science and Engineering & Dean-R&D Cell, St.Peter's Engineering College, Maisammaguda, Hyderabad, Telengana, INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhania University, Udaipur,Rajasthan, INDIA

Duration - **January 25, 2024 - January 24, 2025**

3. Candidate Name - **Dr.R.Basheer Mohamed**

Enrollment No - UL/PDF/2024-25/001C

Topic : **Microarrays usage for Data Analysis and Prediction in Biomedical advances using Machine Learning**

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides- Prof.Dr.Amjan Shaik , Professor of Computer Science and Engineering & Dean-R&D Cell, St.Peter's Engineering College, Maisammaguda, Hyderabad, Telengana, INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhania University, Udaipur,Rajasthan, INDIA

Duration - **January 25, 2024 - January 24, 2025**

4. Candidate Name - **Dr.Yuvaraj Duraisamy**

Enrollment No - UL/PDF/2024-25/001D

Topic : **Design and Implementation of a Machine Learning Framework and Algorithms for Data Analytics towards more Efficient CBIR System using Elastic search in Cloud**

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides- Prof.Dr.Amjan Shaik , Professor of Computer Science and Engineering & Dean-R&D Cell, St.Peter's Engineering College, Maisammaguda, Hyderabad, Telengana, INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhania University, Udaipur,Rajasthan, INDIA

Duration - **January 25, 2024 - January 24, 2025**

5. Candidate Name - **Dr.R.Venkat**

Enrollment No - UL/PDF/2024-25/001E

Topic : **An AI Enabled Language-Independent System for Patient Speech Recognition and Conversion Towards Telemedicine System**

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides- Prof.Dr.Amjan Shaik , Professor of Computer Science and Engineering & Dean-R&D Cell, St.Peter's Engineering College, Maisammaguda, Hyderabad, Telengana, INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhania University, Udaipur,Rajasthan, INDIA

Duration - **January 25, 2024 - January 24, 2025**

6. Candidate Name - **Dr. G.Prabhakar Reddy**

Enrollment No - UL/PDF/2024-25/001F

Topic : AI Enabled System with Real Time Monitoring of Public Surveillance Videos for Abnormality Detection and Notification

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides- Prof.Dr.Amjan Shaik , Professor of Computer Science and Engineering & Dean-R&D Cell, St.Peter's Engineering College, Maisammaguda, Hyderabad, Telengana, INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhanian University, Udaipur,Rajasthan, INDIA

Duration - **January 25, 2024 - January 24, 2025**

7. Candidate Name - **Dr.Anjaiah Adepu**

Enrollment No - UL/PDF/2024-25/001G

Topic : An AI enabled framework for Cybersecurity in IoT integrated vehicular Ad Hoc Networks

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides- Prof.Dr.Amjan Shaik , Professor of Computer Science and Engineering & Dean-R&D Cell, St.Peter's Engineering College, Maisammaguda, Hyderabad, Telengana, INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhanian University, Udaipur,Rajasthan, INDIA

Duration - **January 25, 2024 - January 24, 2025**

8. Candidate Name - **Dr Santhosh Kumar Balan**

Enrollment No - UL/PDF/2024-25/001H

Topic : - Improving disease detection by using Optimization algorithms with Deep Learning Techniques

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides- Prof. Dr. Mohammed Ali Hussain , Professor, Dept. of Computer Science & Engineering and Associate Dean (R & D), KL Deemed to be University, Andhra Pradesh, INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhanian University, Udaipur,Rajasthan, INDIA

Duration - **January 25, 2024 - January 24, 2025**

9. Candidate Name - **Dr. V. Madhu Kumar**

Enrollment No - UL/PDF/2024-25/001I

Topic : - AI Driven Resource Allocation in 6G

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides- Prof Sri Hari Nallamala, Vasireddy Venkatadri Institute of Technology (Autonomous), INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhanian University, Udaipur,Rajasthan, INDIA

Duration - **January 25, 2024 - January 24, 2025**

10. Candidate Name - **Dr. GopiKrishna Pasam**

Enrollment No - UL/PDF/2024-25/001J

Topic : - Development of AI-enhanced deep learning models for robust green energy forecasting and sustainable energy management

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides- Prof. Dr. Mohammed Ali Hussain , Professor, Dept. of Computer Science & Engineering and Associate Dean (R & D), KL Deemed to be University, Andhra Pradesh, INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhanian University, Udaipur,Rajasthan, INDIA

Duration - **February 19, 2024 - February 18, 2025**

11. Candidate Name - **Dr. Karthik Subbarathinam**

Enrollment No - UL/PDF/2024-25/001K

Topic : - Medical data processing using IoT and Big Data Analytics in health care

Guide - Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides- Prof. Dr. Mohammed Ali Hussain , Professor, Dept. of Computer Science & Engineering and Associate Dean (R & D), KL Deemed to be University, Andhra Pradesh, INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhanian University, Udaipur,Rajasthan, INDIA

Duration - **February 19, 2024 - February 18, 2025**

12. Candidate Name – **Dr Syed Shameem**

Enrollment No – UL/PDF/2024-25/001M

Topic : – Secure IoT threat intelligence framework using federated learning

Guide – Prof Martin Margala ,University of Louisiana at Lafayette USA

Co-guides- Prof. Dr. Mohammed Ali Hussain , Professor, Dept. of Computer Science & Engineering and Associate Dean (R & D), KL Deemed to be University, Andhra Pradesh, INDIA

Prof Prasun Chakrabarti , Sir Padampat Singhania University, Udaipur,Rajasthan, INDIA

Duration – **February 29, 2024 – February 28, 2025**

13. Candidate Name – **Dr.Balasani Venkata Ramudu**

Enrollment No – UL/PDF/2024-25/001N


Topic : – A System for Path Selection in Robot Navigation using Reinforcement Learning

Guide – Prof Martin Margala, University of Louisiana at Lafayette USA

Co-guides- Co-Guide 1 / Co-Supervisor 1- Prof. Dr. Amjan Shaik, Professor, Dept. of Computer Science & Engineering and Dean-R & D Cell, St Peter’s Engineering College, Maisammaguda, Hyderabad, Telangana, INDIA

Prof Prasun Chakrabarti, Sir Padampat Singhania University, Udaipur, Rajasthan, INDIA

Duration – **February 29, 2024 – February 28, 2025**



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