



National Kaohsiung University of Science and Technology, Taiwan  
Department of Electronic Engineering  
**Research Institute of IoT Cybersecurity**

## Postdoctoral Program

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### Supervisors

- Prof. Chin-Shiuh Shieh, National Kaohsiung University of Science and Technology, Taiwan.
  - Prof. Mong-Fong Horng, National Kaohsiung University of Science and Technology, Taiwan.
  - Prof. R. Subhashini, SRM Institute of Science & Technology, Ramapuram, Chennai, India.
  - Prof. Siva Shankar S, KG Reddy College of Engineering and Technology, India.
  - Prof. Maithili K, KG Reddy College of Engineering and Technology, India.
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### Postdoctoral Fellows

- Dr. A. Prabhu Chakkaravarthy  
Reference No.: SRMIST-NKUST-PostDoc-2024/ A  
Duration: July 15, 2024 - July 14, 2025  
Postdoc Topic: Classification of Dermoscopy Textures with an Ensemble Feedback Using Machine Learning
- Dr. J. Dhanalakshmi  
Reference No.: SRMIST-NKUST-PostDoc-2024/B  
Duration: July 15, 2024 - July 14, 2025  
Postdoc Topic: Predictive Analytics of Early Diagnosis of Lung Cancer using Deep learning and Machine learning models
- Dr. N. Manikandan

Reference No.: SRMIST-NKUST-PostDoc-2024/C

Duration: August 15, 2024 - August 14, 2025

Postdoc Topic: Advanced Hybrid Methodologies for Task Scheduling Optimization in Cloud Environments

- Dr. A. Sandhya

Reference No.: SRMIST-NKUST-PostDoc-2024/D

Duration: August 26, 2024 - August 25, 2025

Postdoc Topic: Big Data, Machine Learning, Deep Learning and Artificial Intelligence

- Dr. V. Nivedita

Reference No.: SRMIST-NKUST-PostDoc-2024/E

Duration: August 26, 2024 - August 25, 2025

Postdoc Topic: A Cluster based trust aware framework for secure and QoS routing in Ad-hoc networks

- Dr. Dr. G. Sujatha

Reference No.: SRMIST-NKUST-PostDoc-2024/F

Duration: September 1, 2024 - August 31, 2025

Postdoc Topic: Video tampering detection using adaptive GOP structures with cryptographic algorithms

- Dr. A. Vasantharaj

Reference No.: KKIT-NKUST-PostDoc-2024/A

Duration: August 15, 2024 - August 14, 2025

Postdoc Topic: Integration of Artificial Intelligence in Embedded IIoT

- Dr. M D Javeed

Reference No.: SDIES-NKUST-PostDoc-2024/A

Duration: September 1, 2024 - August 31, 2025

Postdoc Topic: Deep Convolutional Neural Network Based Galactic Swarm Optimization Model for Brain Tumour Segmentation and Detection

- Dr. M. Senthil Kumar

Reference No.: SDGI-NKUST-PostDoc-2024/A

Duration: September 1, 2024 - August 31, 2025

Postdoc Topic: Deep Long- and Short-Term Memory with Tunicate Swarm Algorithm for Skin Disease Detection and Classification

- Dr. Smitha Rajagopal  
Reference No.: AU-NKUST-PostDoc-2024/A  
Duration: September 1, 2024 - August 31, 2025  
Postdoc Topic: Federated Learning Approach for Medical Image Classification
  - Dr. Shashi Kant Gupta  
Reference No.: AU-NKUST-PostDoc-2024/A  
Duration: September 28, 2024 - September 27, 2025  
Postdoc Topic: Image Processing, Machine Learning, Deep Learning, Artificial Intelligence and Information Security
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**Prof. Chin-Shiuh Shieh**

Director

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