



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

International Postdoctoral Program 2026

Ref: RIITC-Postdoc-2026-A01

Name: Dr. Bipin Kumar Rai

Topic: Cross-border healthcare data sharing using blockchain and federated learning

Supervisor: Prof. Chin-Shiuh Shieh

Co-supervisor: Prof. Anoop Kumar Srivastava

Ref: RIITC-Postdoc-2026-A02

Name: Dr. P. Senthil Kumar

Topic: Cognitive firewall systems: AI-driven protection for smart city networks

Supervisor: Prof. Chin-Shiuh Shieh

Co-supervisor: Prof. Mong-Fong Horng

Ref: RIITC-Postdoc-2026-A03

Name: Dr. S. Kanaga Suba Raja

Topic: A hybrid framework for brain tumor classification based on pathological imaging data

Supervisor: Prof. Chin-Shiuh Shieh

Co-supervisor: Prof. Mong-Fong Horng

Ref: RIITC-Postdoc-2026-A04

Name: Dr. Ahmed A. Elngar

Topic: Enhancing healthcare security through the integration of artificial intelligence and Internet of Things technologies

Supervisor: Prof. Chin-Shiuh Shieh

Co-supervisor: Prof. Shashi Kant Gupta

Ref: RIITC-Postdoc-2026-A05

Name: Dr. Hamed Taherdoost

Topic: Developing resilient security governance models for IoT-driven organizations

Supervisor: Prof. Chin-Shiuh Shieh

Co-supervisor: Prof. Shashi Kant Gupta

Ref: RIITC-Postdoc-2026-A06

Name: Dr. Suha Khalil Assayed

Topic: Comparative performance of GPT and LSTM-based recurrent neural architectures in domain-specific medical conversational AI

Supervisor: Prof. Chin-Shiuh Shieh

Co-supervisor: Prof. Shashi Kant Gupta

Ref: RIITC-Postdoc-2026-A07

Name: Dr. Michael Onyema Edeh

Topic: Cybersecurity awareness and perception among high education students in Enugu State, Nigeria

Supervisor: Prof. Chin-Shiuh Shieh

Co-supervisor: Prof. Shashi Kant Gupta

Ref: RIITC-Postdoc-2026-A08

Name: Dr. Khadija Slimani

Topic: Facial analysis for complex emotion recognition using AI-based models

Supervisor: Prof. Chin-Shiuh Shieh

Co-supervisor: Prof. Shashi Kant Gupta

Ref: RIITC-Postdoc-2026-B01

Name: Dr. Sathish Kumar R.

Topic: Designing machine learning driven traffic prediction for smarter urban mobility and congestion management in Bengaluru City

Supervisor: Prof. Chin-Shiuh Shieh

Co-supervisor: Prof. Mong-Fong Horng

Ref: RIITC-Postdoc-2026-B02

Name: Dr. Ramdas Vankdothu

Topic: Brain tumor identification and detection using various deep learning algorithm

Supervisor: Prof. Chin-Shiuh Shieh

Co-supervisor: Prof. Shashi Kant Gupta

Ref: RIITC-Postdoc-2026-B03

Name: Dr. Sachin Jain

Topic: Skill-honey badger optimisation algorithm - Deep learning based convolutional neural network for multiclass leaf disease detection in tomato plant

Supervisor: Prof. Chin-Shiuh Shieh

Co-supervisor: Prof. Vishal Jain