tcg crest
Inventing Harmonious Future

Institute for Advancing Intelligence (IAI)

Ph.D. PROGRAM

Ph.D. in Mathematical and Information Science (MIS) and Engineering

The degree will be awarded by the Academy of Scientific and Innovative Research (AcSIR) following AcSIR guidelines

Research Focus

Translational Mathematics: Functional Analysis, Operator Algebra, (Non-Associative) Algebra, Commutative Algebra, Topology, Graph Theory, Combinatorics, Algebraic Geometry, and application areas.

Cryptography and Security: Lightweight Cryptography, Quantum and Post-Quantum Cryptography, Block-chain, Provable Security, Cloud Computation and Security, Leakage Resilient Cryptography, White-box Cryptography.

Artificial Intelligence and Machine Learning: Deep Learning, Computer Vision, Image Analysis, Speech Processing, Medical Imaging, Multi-agent Systems, Combinatorial Optimization, Convex Optimization.

Eligibility

Mathematical and Information Science (MIS): M.Sc / M.Stat / M.Math in Mathematics, Statistics, Physics, Data Science, Computer Science, or allied streams.

Engineering: M.E / M.Tech / M.Engg in Computer Science, Information Technology, Electronics and Communications, Electrical Engineering, or allied streams.

Last Date of Application: 30th April, 2024

Contact: **academic.coordinator@tcgcrest.org**

https://www.tcgcrest.org/iai-admission-2024/