IS/IE/IT Research Topics - Class A

Information System

1	**Data management**
2	Knowledge acquisition
3	System development process
4	System project estimation
5	Expert System Application
6	Business Intelligence-Support System

IS Class (**Business Data Management & Application/BDMA**)

- Forecasting Technique
- Information Visualization
- Business Intelligence-Data Mining
- Data Integration

Specialist

Informatics Engineering

1	**Algorithms**
2	Scientific Computing
3	Machine Learning
4	Artificial Intelligence
5	Data Mining
6	Computer Vision

IE Class (**Intelligence System Engineering & Technology/ISET**)

- Intelligence System Basic Search Strategies
- Intelligence System Machine Learning
- Mobile Programming
- Integrative System Development

Scientes

Information Technology

1	Architecture
2	Human-Computer Interaction
3	Multimedia
4	Social Computing
5	Parallel Computing
6	Operating System

IT Class (**System Config. & Integration Technology/SCIT**)

- Network System Configuration and Administration
- Network Programming
- Virtual Systems and Services
- Data Scalability and Analytics

Professional

IS Research Topics Class B

1	Computer resource allocation	6	User involvement
2	Computer supported cooperative work	7	IS security and control
3	End-user computing	8	IS-user relationship
4	Information and managerial decision making	9	Organizational outcomes
5	Interorganizational information systems		

IE Research Topics Class B

1	Software Engineering	6	**Cryptography**
2	Networking	7	Embedded Systems
3	Reasoning & Logic	8	Security & Trust
4	Information Retrieval		

IT Research Topics Class B

1	Real-time system	5	**Graphics**
2	Sensors	6	Systems
3	Visualization	7	Database
4	Distributed System	8	Info. Technology Diffusion

- IS Class **(Corporate Information System Management/CISM)**
  - Enterprise Resource Planning
  - Enterprise System
  - Enterprise Application Integration
  - IT Risk Management and Quality

  Specialist

- IE Class **(Computing Technology Engineering/ ITIN)**
  - Defensive Programming
  - Software Project Management
  - Security Policies & Procedures
  - Software Engineering Verification and Validation

  Scientist

- TI Class **(System Technology for Administering Information/STAI)**
  - Information Technology Security
  - Database Administration and Configuration
  - Risk Management of IT
  - Software Development and Management

  Professional