

Faculty of Information Technology Research Strengths

List of areas currently available for prospective PhD and Masters by Research candidates:

- **Research in Information Technology (IT) concerns the ways people collect, store, interpret and exchange information. Monash runs programs at the leading edge of international research in computing and information science, ranging from theoretical computer science to human issues and social impact of information and communication systems.**
- **Audiovisual information processing,**
- **Community informatics,**
- **Computer education,**
- **Data mining, optimisation and constraint solving,**
- **Databases, clusters and grid computing**
- **Decision support and business intelligence,**
- **Electronic media arts,**
- **Enterprise information systems,**
- **Grid Computing**
- **High performance and parallel supercomputing**
- **Human-computer interactions,**
- **Knowledge management,**
- **Library and archival science,**
- **Mobile and distributed computing,**
- **Multimedia and digital communications,**
- **Multimedia and intelligent computing,**
- **Organisational and social informatics,**
- **Reasoning under uncertainty,**
- **Software engineering,**
- **User modelling and natural language processing.**