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School of Computer, Information and Mathematical Sciences

Minor Degree in Cyber Security

INFORMATION BROCHURE

DEPARTMENTOF INFORMATION TECHNOLOGY

- Established in the year 1999
- 22 Years of Excellence in Teaching and Research
- Offers B.Tech, M.Tech and Ph.D. Programmes. Both UG & PG programmes are NBA Accredited
- Well qualified faculty members with Ph.D.
- Project based and ICT enabled Teaching Learning Methodologies
- Emphasis on Value Added and MOOC Courses
- Recognized Research Supervisors on cutting edge technologies for PG and Doctoral Programmes
- Prolific interaction with Industry and Alumni
- Well established laboratories with software tools
- Real-time consultancy and collaboration with IT industries
- Good placement record

Areas of Research

Career Opportunities & Higher Studies

About the Programme

The Minor Degree Programme in Cyber Security helps the students other than CSE & IT, to obtain the knowledge needed for careers in Cyber Security. This programme covers the basics of Cyber Security, Cyber Forensics and Ethical Hacking. A minor degree increases the chance for the students to step into a good position in the career. Large and small companies need the skill set to protect their data. With this degree, students may also choose to pursue a higher degree and continue their research in Cyber Security.

Courses Offered

- Programming in Python
- Security in Computing
- Foundation to Cyber Security
- Linux Programming Lab
- Cyber Forensics
- Ethical Hacking

Who can register for this Programme?

- All the students of following B.Tech.,Programmes can register for the programme.
  - Mechanical Engineering
  - Aeronautical Engineering
  - Polymer Engineering
  - Automobile Engineering
  - Civil Engineering
  - Biotechnology
  - Electrical & Electronics Engineering
  - Electronics & Instrumentation Engineering

Resource Persons

- Faculty members of BSACIST
- Seasoned cyber security experts having years of experience in handling actual legal cases, providing assistance and consultation to solicitors

Career Opportunities

- Chief Information Security Officer
- Forensic Computer Analyst
- Information Security Analyst
- Penetration Tester
- Security Architect
- IT Security Engineer
- Security Systems Administrator
- IT Security Consultant