SREE CHAITANYA
COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to
JNTUH, Andhra Pradesh)
LMD Colony, Thimmapur, Karimnagar

ISO-9001-2008 Certified

EAMCET/ECET/ICET
Counseling Code: CHTN

PGECET Counseling Codes
Shift I: CHTN1
Shift II: CHTN2

M.Tech (Cyber Forensics and
Information Security)
Course Benefits, Scope, Career
and Proposed Syllabus Details

Offered by

**Department of Computer Science
& Engineering and Information
Technology**

Welcome to **SREE CHAITANYA**

Sree Chaitanya College of Engineering (SCCE) is a technological institution of national importance for Education, Research and Student activities. SCCE has risen to new heights in contributing quality engineers to the global market and always held a leading position for excellence in technical education and training. SCCE was started in the year 2004. It is owned and managed by TAKSHASILA EDUCATIONAL SOCIETY, KARIMNAGAR. SCCE would like to achieve a leading position in the areas of basic and applied education and research, both at the national and international levels.

Department of Computer Science & Engineering and Information Technology is committed to providing all necessary help in imparting total quality education to develop innovative, entrepreneurial and ethical future professionals fit for globally competitive environment allowing stake holders to share our reservoir of experience in education and knowledge for mutual enrichment in the field of technical education. Fostering product oriented education for establishing a self-sustaining and wealth creating centre to serve the social needs. The department offers B.Tech/M.Tech courses in the fields Computer Science and Information Technology.

The new PG Course **M.Tech (Cyber forensics and Information Security)** is added from this academic year onwards.

SCOPE AND CAREER:

Govt. Sector Jobs: Central Govt. Forensic Sciences Labs, State FSL's, GEQD, Police Department, Crime Branches, CBI, CID, Regional Forensic Science Laboratories, Intelligence Bureau, Banks, Defense / Army, Courts, Quality Control Bureau, Narcotics Dept, Universities, Hospitals, Organizations etc...

Private Sector Jobs: Private Detective Agencies, Private Banks, Insurance Companies, Universities, Private Hospitals, Security Services Agencies, Helpful to Lawyers / Advocates, Law Firms, Private Companies, Own Private Practice etc...

Job Titles / Posts: Forensic Expert, Forensic Scientist, Forensic Investigator, Crime Scene Investigator, Handwriting Expert, Document Expert, Document Examiner, Fraud Examiner, Forensic Analyst, Scientific Officer, Security Expert, Forensic Consultant, Detective, Investigating Officer, Teacher / Professor, Crime Reporter, Forensic Engineer, Forensic Psychologist, Fingerprint Expert, Law Consultant, Government Examiner, Instructor, Genetics Experts, Environment Analyst, Technicians, Forensic Medical Examiners, Technician etc...

COURSE BENEFITS, SCOPE AND CAREER:

- Forensic, Cyber and Legal Education is very important in the present day life.
- Improve Your Skills and Knowledge and Adds additional weightage to your basic qualification
- Indicates skill and expertise levels and Progressing more quickly on your career journey.
- This Course guides you through a complete method for Forensic Investigation, Legal Framework and security procedures.
- Placement Support in Forensic Laboratories, Detective Offices, Banks and other Govt. and private agencies as Forensic Experts, Forensic Scientists, Investigator, Fraud Examiner, Legal Consultant, Scientific Officers, Research Officers etc..
- Modern civilization is dominated by science and scientific development. As a result of it, specialization in certain branches and industrialization has become the most important aspect of scientific development, here we apply scientific skills and knowledge for crime investigation.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

M. TECH (CYBER FORNENSICS & INFORMATION SECURITY)

I YEAR I SEMESTER

Code	Group	Subject	L	P	Credits
		IPR and Cyber laws	3	0	3
		Information Security and Cryptography	3	0	3
		Ethical Hacking	3	0	3
		Forensics And Incident Response	3	0	3
	Elective –I	Distributed Systems Advanced Problem Solving Network Programming	3	0	3
	Elective -II	Operating Systems Administration and Security Biometric Security Database Security	3	0	3
	Lab	Ethical Hacking & Network Security Lab	0	3	2
		Seminar	-	-	2
		Total Credits (6 Theory + 1 Lab.)			22

I YEAR II SEMESTER

Code	Group	Subject	L	P	Credits
		Advanced Computer Networks	3	0	3
		Mobile and Digital Forensics	3	0	3
		Cyber Forensics	3	0	3
		Information Security Management and Standards	3	0	3
	Elective –III	Storage Area Networks Malware Analysis Penetration Testing and Vulnerability Assessment	3	0	3
	Elective -IV	Cloud Architectures and Security Wireless Networks and Mobile Computing Applications of Network Security	3	0	3
	Lab	Cyber Forensics Lab	0	3	2
		Seminar	-	-	2
		Total Credits (6 Theory + 1 Lab.)			22

II YEAR I SEMESTER

Code	Group	Subject	L	P	Credits
		Comprehensive Viva	-	-	2
		Project Seminar	0	3	2
		Project Work	-	-	18
		Total	-	3	22

II YEAR II SEMESTER

Code	Group	Subject	L	P	Credits
		Project Work and Seminar	-	-	22
		Total	-	-	22

For more details about proposed syllabus visit the website http://scce.ac.in