



KARNATAKA SCIENCE AND TECHNOLOGY ACADEMY [KSTA]
Department of Science and Technology, Govt. of Karnataka

AND

KARNATAKA STATE HIGHER EDUCATION COUNCIL [KSHEC]
Department of Higher Education, Govt. of Karnataka

TWO DAY WORKSHOP ON

CYBER SECURITY

IT'S IMPORTANCE IN EDUCATIONAL INSTITUTIONS

JUNE 15-16, 2023 [THURSDAY & FRIDAY] | TIME : 10.00 AM - 5.30 PM
VENUE: KSTA AUDITORIUM



REGISTRATION

<https://forms.gle/ERk3bxf46KfVoArp8>

PARTICIPANTS:

PG Students / Faculty Members / Research
Scholars of Science Engineering and
Agricultural Sciences

LAST DATE FOR REGISTRATION: JUNE 8, 2023
REGISTRATION FEE : NON REFUNDABLE

SCAN & PAY



ABOUT KSTA

Karnataka Science and Technology [KSTA], an autonomous organization under the Department of Science and Technology, Govt. of Karnataka was established in the year 2005 under the Chairmanship of Padma Vibhshan Awardee Prof. U R Rao, Former Chairman, ISRO/Secretary, DOS. GOI. Presently, KSTA is chaired by Padma Shri Awardee Prof. S Ayyappan, Former Director General of ICAR/ Secretary, DARE, GOI & Chairman, NABL Board.

KSTA was established with an objective of fostering STEAM [Science, Technology, Agriculture, Engineering and Mathematics] education at different levels in an educational pyramid as well as to popularize science among public in the State.

ABOUT THE WORKSHOP

- Excessive use and growth of internet in our day to day life has given exponential rise to sophisticated attacks on IT infrastructure and smart phones with the growth of business transactions using mobile phones. Cyber attacks are more frequent across all sectors of economy including education.
- Data theft is another attack affecting all levels of education because institutions hold student and staff data. This type of information can be valuable to cyber criminals for several reasons, especially providing information to a third party or use it as a bargaining tool and extort money. Institutions of higher learning like Universities/Colleges are often centres for research and hold valuable intellectual property.
- Therefore it is very much crucial that Universities/Colleges need to be suitably protected; as scientific, engineering and medical research in some of the universities in advanced countries like UK have been previously compromised by hackers. This could be due to the lack of trained faculty and students who do not practice good cyber hygiene. This is why the sector needs to do everything it can to ensure its data and systems are protected. Cyber security can help to prevent data breaches, identity theft, and other types of cybercrime. Organizations must have strong cyber security measures to protect their data and customers.
- Considering this, it is proposed to organize a two day workshop to understand the current state of cyber security in Education. The most common reasons for the attack, the threats, and the main challenges facing the sector to help understand why cyber security needs to be a priority for educational institute would also be discussed in the proposed workshop.

TOPICS TO BE COVERED

DAY-1: 15/06/2023 [THURSDAY]

- Introduction to Cyber Security
- Cyber Security risk management
- Phishing Attacks/Phishing Windows firewall
- Removable Media
- Password and Authentication
- Mobile Device Security
- Find a method of Cloud Security & Network security
- Identifying data breaches & Cyber attacks

DAY-1: 16/06/2023 [FRIDAY]

- Working Remotely & Public Wi-Fi
- Social Media use/Internet and Email Use
- Exploiting DNS File/ Live RAM Analysis
- Cyber security supply chain risk management.
- Cryptography, Lightweight cryptography
- Designing Cyber security controls to protect organizations.
- Cyber security & Ethical hacking
- Viruses & Malwares

RESOURCE EXPERTS : Renowned academicians and senior professionals from industry

REGISTRATION FEE: Rs. 1000/- Without Accommodation
Rs. 1600/- With Accommodation

(The registration fee covers Refreshments and Lunch on the training Days. The Mode of Payment will be through Online only)

CONTACT

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