

# CSE Dept conducts third edition of AICTE sponsored STTP on emerging trends in cryptography



A third “unrevised” edition of the AICTE sponsored six-day Short Term Training Programme (STTP) on “Emerging Trends in Cryptography and its Application in Cyber Security” was organised in the online mode by the CSE Dept of College during 01 – 06 February 2021. There were as many as 58 participants in the third edition of the STTP. The STTP was inaugurated by Dr. Pattathil Dhanya Menon, Cyber Crime Investigator, Director – Avanzo Cyber Security Solutions. Welcome address was delivered by Dr Ramani Bai V, Co-ordinator, STTP, Prof and Head of CSE Dept.

## Activities

The activities during the third edition of the STTP were repetitions of the activities during the first and second editions.

On day 1, in the forenoon session, Dr Dhanya Menon delivered the introductory talk on Cyber Security. In the afternoon session, Dr Praveen K, Asst Professor, TIFAC CORE in Cyber Security, Amrita Vidyapeetham, Coimbatore gave a talk on visual cryptography, deterministic schemes and probabilistic schemes.

On day 2, during the first session, Dr M Sethumadhavan, Head – Cybersecurity, TIFAC CORE in Cyber Security, Amrita Vidyapeetham, Coimbatore talked about the paths for better security. During the second session, Dr Amritha P P, Asst Professor, TIFAC CORE in Cyber Security, Amrita Vidyapeetham, Coimbatore covered multimedia security, watermarking, PVD algorithm, steganography, LSB embedding algorithm and audio steganography.

On day 3, the main speakers were Dr Chungath Srinivasan, Asst Professor, TIFAC CORE in Cyber Security, Amrita Vidyapeetham, Coimbatore and Dr Panchami V, Assistant Professor, IIIT, Kottayam.

On day 4, Mr Kalathil Karthik, CTO Wattlecorp Cybersecurity Labs discussed Network Penetration Testing and Hacking a Simulated Server.

On day 5, Mr Zuhair E, CEO Wattlecorp Cybersecurity Labs shared knowledge on Web Application Penetration Testing and DVWA Practice.

The STTP was concluded with a talk by Dr Dhanya Menon.

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