

ABOUT INSTITUTION

GVP College of Engineering for Women is established under aegis of Gayatri Vidya Parishad, an educational society founded by eminent academicians, industrialists, and philanthropists of Visakhapatnam. The society has an autonomous Engineering College accredited by NAAC and NBA of AICTE, affiliated to JNT University, Kakinada. GVP is a partner in an Indo-German collaborative Institute viz., Indo-German Institute of advanced Technology jointly organized by Govt. of India, Govt. of A.P and German Government.

The GVP College of Engineering for Women is a self-financed Institution with well qualified faculty, well-furnished laboratories, and infrastructure. The College is offering UG courses in CSE, ECE, IT and EEE. A PG course in ECE.

ABOUT DEPARTMENT OF CSE

The Department of Computer Science and Engineering offers B. Tech degree in CSE and IT branches. The department has a team of dedicated and experienced faculty members. The department has well-equipped laboratories with advanced software and refurbished hardware to facilitate research in major areas of computer science and holds workshops regularly to be in parallel with the IT industry.

ABOUT DEPARTMENT OF ECE

The department of Electronics and Communication Engineering offers B.Tech degree in E.C.E and M.Tech degree program in VLSI and Embedded Systems. The department has a team of dedicated and experienced faculty members. The department has state-of-the-art laboratories with advanced software and hardware to facilitate research in major areas of ECE.

MAILING ADDRESS

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Dr. K. Srinivasa Rao, Dept of ECE

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REGISTRATION

For all delegates: Rs. 500/-
A photo copy of the accompanying registration form, duly filled, should be sent along with a DD/Cheque drawn in favor of, GVP College of Engineering for Women, payable at SBI, MVP Double Road, Visakhapatnam, or online transfer (Account no: 64032526122, IFSC Code: SBIN0040546).
Registration fee includes workshop kit, lunch and refreshments during the workshop.

WHO CAN PARTICIPATE

- Faculty from CSE/IT/ECE and Engineering Mathematics depts. and interested people from other disciplines.
- Research and Development professionals from industry, Ph.D scholars, and M. Tech students in the theme of the workshop.

Last Date for registration: 15-03-2018



A THREE DAY NATIONAL WORKSHOP

On

CRYPTOLOGY & CYBER SECURITY (WCCS - 2018)

22nd, 23rd & 24th March, 2018

Jointly Organized

by

Departments of CSE & ECE

**Gayatri Vidya Parishad
College of Engineering for Women**

Under the Sponsorship of



Cryptology Research Society of India (CRSI),
Kolkata

**GAYATRI VIDYA PARISHAD
College of Engineering for Women**

Madhurawada, Visakhapatnam – 530 048
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Visit us at: www.gvpcew.ac.in

OBJECTIVE OF WORKSHOP

The humanity and its progress are fully dependent on data, its usage and storage. The security of the data and communication thus plays a vital role in any field of Computer Science and Electronics & Communications. Cyber Security is one of the areas where all the resources have to be concentrated upon to find a solution to the hacking menace.

Cryptology conceals the data while it is being transmitted between the sender and receiver by various mathematical methodologies and algorithms. With the advent of Distributed and Cloud Computing, the role and range of Cryptology/Cryptography has much broadened and gained prominence.

The Departments of Computer Science and Engineering & Electronics and Communication Engineering in GVP College of Engineering for Women, Visakhapatnam have realised the importance of research in the field of Cryptology and Cyber Security and decided to conduct a workshop on the topic '**Cryptology and Cyber Security**'. This would suffice the Mathematicians, Engineers and Researchers to get together, discuss, deduce and recommend useful ideas in the presence of experts and resource persons for finding a solution to the task of strengthening Cyber Security for the benefit of public to protect from cyber crimes and threats.

FOCUS AREAS OF THE WORKSHOP:

- Basics of Cryptology including notion of security
- Blockchain Technology
- Introduction to Elliptic Curve Cryptology
- Proxy Re-encryption
- Cryptography from Channel Noise
- Crypt-Analysis of Symmetric Key Ciphers: Classical to Modern
- Introduction to Provably Secure Crypto Systems
- Cyber Security Cryptography – Fundamentals and Applications

RESOURCE PERSONS

Prof. **R. Balasubramanian**, President, Cryptology Research Society of India, Kolkata and Director, Institute of Mathematical Sciences, Chennai
Prof. **Bimal Kumar Roy**, General Secretary, Cryptology Research Society of India, Kolkata, and Ex-Director, Indian Statistical Institute, Kolkata
Prof. **C.Pandu Rangan**, Dept. of CSE, Former Director, IIT Madras
Dr. **Shri Kant**, Professor, RTDC, Sharda University, Ex-Director, DRDO
Prof. **Ganapati Panda**, Emeritus Professor, IIT Bhuvanewar
Prof. **P.S.Avadhani**, Principal, AU College of Engineering (A), Visakhapatnam
Prof. **M.S.Prasad Babu**, Vice-Principal, AU College of Engineering (A), Visakhapatnam
Prof. **P.V.G.D. Prasad Reddy**, Former Rector, AU
Dr. **Y.V.Subba Rao**, School of Computer and Information Sciences, University of Hyderabad
Dr. **Kannan Srinathan**, IIIT Hyderabad.
Prof. **J. Madanmohanram**, GVPCE (A).

ORGANISING COMMITTEE:

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A THREE DAY NATIONAL WORKSHOP On **CRYPTOLOGY & CYBER SECURITY** (WCCS - 2018) 22nd to 24th March, 2018

REGISTRATION FORM

Participant's Name :

Qualification :

Department :

Institution/Organization:

Address for Communication:

Phone No (O): (R):

E-mail ID :

Registration Fee :

D.D/ChequeNo. Date:

Name of the Bank:

Accommodation is required: YES / NO

Date: Signature of the Participant

SPONSORSHIP CERTIFICATE

Mr./Ms. _____
is sponsored to attend the National Workshop on
CRYPTOLOGY & CYBER SECURITY (WCCS-2018) 22nd
to 24th March, 2018

Place: Signature of the Head of
Date: the Department / Institution
with Seal