



Sri Venkateswara  
College of  
Engineering  
Issue: 2



# HASHTAG

## #ITNLDEC2022

Newsletter  
December 2022

DEPARTMENT OF  
INFORMATION TECHNOLOGY

SRI VENKATESWARA COLLEGE

OF ENGINEERING

Sriperumbudur - 602 117  
(Autonomous- affiliated to

Anna University)



ISO 9001:2015  
Certified by IQS

MCA 21  
RMA 021

**T A B L E O F  
C O N T E N T S**

<b>1</b>	<b>V I S I O N &amp; M I S S I O N</b>	<b>1</b>
<b>2</b>	<b>P R O G R A M M E E D U C A T I O N A L O B J E C T I V E S</b>	<b>2</b>
<b>3</b>	<b>P R O G R A M M E O U T C O M E S</b>	<b>3</b>
<b>4</b>	<b>P R O G R A M M E S P E C I F I C O U T C O M E S</b>	<b>5</b>
<b>5</b>	<b>S T U D E N T C O R N E R</b>	<b>6</b>
<b>6</b>	<b>F A C U L T Y C O R N E R</b>	<b>12</b>




## VISION OF THE DEPARTMENT

To produce higher calibre technologists and scientists for helping the country to attain new heights in Information Technology research and industrial needs to provide leadership in the field of technical education.

## MISSION OF THE DEPARTMENT

1. To develop the department into a “Centre of Excellence in Information Technology” offering engineering education to the students at Undergraduate, Postgraduate and Doctoral degree levels.
2. To build students' total personality emphasizing ethical values, and nurture them to meet the growing challenges in the Information Technology industry.
3. To examine the research challenges and cater diverse societal needs of the Nation.



## PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

1. The graduates of Information Technology program will demonstrate themselves as leading professionals.

2. The graduates of Information Technology program will be equipped with the necessary skills to become proficient researchers.

3. The graduates of Information Technology program will demonstrate their abilities as successful entrepreneurs.

4. The graduates of Information Technology program will excel in higher studies or modern administrative services.

PROGRAMME OUTCOMES (POs)

- 1. Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- 2. Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- 3. Design / Development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- 4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- 5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.



## PROGRAMME OUTCOMES (POs)

6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.



## PROGRAMME OUTCOMES (POs)

11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.


## PROGRAMME SPECIFIC OUTCOMES (PSOs)

The B.Tech Information technology programme demonstrates the following two Programme Specific Outcomes (PSOs):

1. Exhibit proficiency in examining standard business operations in order to create and implement suitable Information Technology solutions.

2. Demonstrate the ability to establish an IT infrastructure, effectively manage resources, and ensure data security.

## RESIDENTIAL STUDENT WORKSHOP @ IIT Madras



Sharan S of INT- III Year, Chithaprabhakaran K of INT - II Year and Nithish S of INT - II Year attended the RESIDENTIAL STUDENT WORKSHOP @ IIT Madras from 12th December 2022 to 14th December 2022 along with the faculty Mr. N. Selvaganesh, Assistant Professor, Department of Information Technology.



## DISASTER AWARENESS AND MANAGEMENT TRAINING



First year students of Information Technology participated in the Disaster Awareness and Management Training on December 17, 2022.

## IIC 5.0 SECOND QUARTER COUNCIL MEETING

Manoj Kumar M of I year INT A (Startup Activity coordinator), Aarthi A of I year INT A (Innovation activity coordinator), Rahul T V of first year INT B (Innovation activity coordinator) attended the IIC 5.0 Second Quarter Council Meeting at SVCE on December 19, 2022.



Soft Skills training for the first and second year IT students was organized for six days by the Training & Placement cell.





Peer Mentoring to the classmates by the peer mentors before the CAT exam.



## INDUSTRIAL VISIT



The second year IT students went on an industrial visit to Adani port, Kaatupalli on December 7th & December 23rd 2022.

## INTERNSHIP

The students of MTech CFIS are undergoing an internship and real time forensics analysis at Pinaca Technologies since December 1, 2022.



## SHORTLISTED STUDENTS IN M/S. SUTHERLAND

DHIVYESH RHISHI R

GAYATHRI N R

GUNASEKARAN A

JAYASHRI PALANICHAMY

KISHORE T

PAVITHIRAN K J

SANTHOSH SUBBAIYAN

SOMASUNDARAM S

SREEGANGA A

SUNIL SUDHARSHAN V M

*Congratulations*



## FACULTY ACHIEVEMENTS



Dr. P. Sharon Femi , ASP/IT  
is recognized as a Research  
Supervisor of Anna University.

- Ms. A. Indumathi, AP/IT
- promoted as Associate Professor.
  - appointed as Deputy Warden for Girls Hostel.



Mr.V. R. Vimal, AP/IT  
successfully defended his  
thesis on December 23, 2022.

- Dr. G. Sumathi, Professor of IT attended
- FDP on "How Teachers Can Make a Difference" organized by Teaching Learning Center, IITM & PALS between Dec 1st and Dec 3rd, 2022.
  - FDP on "Research Advancements in Intelligent Computing Technologies" between December 19th and 23rd, 2022.



# INTERNATIONAL WEBINAR



**Study Abroad at a Glance...**  
by  
**Dr. N. Thanigamani**  
PhD, MBA (India), MCOM (Germany), MPPM (Germany),  
MBA (Germany), MA (Netherlands), CIMA (UK),  
Chairman & Chief Executive Officer  
The Masterminds International Group

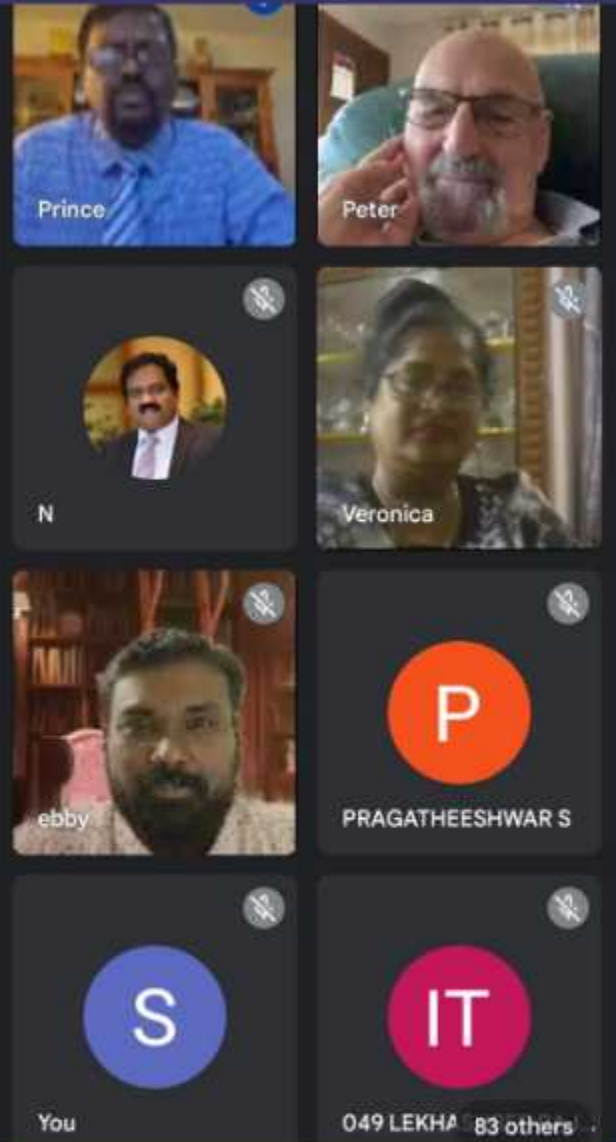



NEW ZEALAND




**Professional Global Exposure and Opportunities....**  
by  
**Prince Kumar**  
MBA, MS-Eng, MIEEE (USA),  
Founder & Managing Director  
EDEX GROUP






Department of Information Technology and Association of Information Technologists in association with M/s. Mastermind Academy organized an online international webinar on "STUDY ABROAD" on December 24, 2022. The event was coordinated by Dr. T. Sukumar, professor.

## PROGRAMMES OFFERED

- B.Tech Information  
Technology
- M.Tech Cyber Forensics  
and Information Security
- Doctor of Philosophy  
(Ph.D)

### Content Compilation

- Dr. V. Vidhya  
HOD/IT
- Dr. P. Sharon Femi  
Associate Professor
- Mr. AR. Guru Gokul  
Assistant Professor



### Newsletter Editor

Dr. P. Leela Rani  
Associate Professor

#### CAMPUS ADDRESS

Pennalur Village, Chennai -  
Bengaluru High Road,  
Sriperumbudur Tk. - 602 117,  
Kancheepuram Dist. Tamil Nadu,  
India

Phone: 044-27152000  
Email: acm@svce.ac.in



## ACADEMIC / FINANCIAL SUPPORT

### Management Scholarship

- Merit • Merit cum means • Economic means • Sports Scholarship

### AICTE - PG Scholarship

Rs.12400 per month for 24 months for GATE/IGPAT qualified PG students.

### UGC - Post-Graduate Indira Gandhi Scholarship

For single girl child for PG programs Rs.3100 per month for 20 months.

### Scholarships @ Rs.7,800/-per month (ME/M.Tech)

### Contingency A @ Rs.15,000/- per annum (ME / M.Tech)

- Tuition fees waiver (Rs.50,000/year) for 30% of the students class strength on merit basis as applicable.
- Management scholarships under economic means and merit cum means for tuition fees and assistance for books and instruments.
- Financial assistance to support innovative PG Projects under intramural research grant scheme.
- Sponsorship for students to attend conferences.



## SUPPORT FOR PG STUDENTS

- Student research day to appreciate innovative research projects.
- Providing placements in Information Technology based core companies such as CTS, TCS, Infosys, Accenture Wipro, Ericsson etc.
- Outstanding PG student award for a final year PG student.
- NPTEL, MOOC, Coursera and AWS certification courses are available.
- Students are encouraged to compete for awards such as TNSCST, INAE, Gandhian award and so on.
- Encouraging students to publish their research work in reputed national and international journals.
- Career guidance & Counselling support is provided. The Department has six functional MoU's with industries like Gemini communications, WriteIT and Infoziant (P) Ltd., which in turn helps students for internships, training and placement.
- Industrial visits and guest lectures by Subject Matter Experts from premier institutions and industries to improve research and academic activities.
- Students can access IEEE, Springer, ACM, Elsevier and reputed journals in the campus which helps them to carry out their project and research work effectively.
- Encouraging students leaderships quality by organizing National level technical symposium.
- Horizon - A technical research magazine of IT department gives the

(Autonomous) Affiliated to Anna University  
Sriperumbudur Tk-602117, Tamil Nadu, India  
[www.svce.ac.in](http://www.svce.ac.in)

## DEPARTMENT OF INFORMATION TECHNOLOGY

## New Program



# M.TECH

## CYBER FORENSICS AND INFORMATION SECURITY

For more information please contact :

Head of the Department,  
Department of Information Technology  
Tel : +91-44-27152000, Ext: 350  
Email: [hodit@svce.ac.in](mailto:hodit@svce.ac.in)

## ABOUT

## THE PROGRAM

Cyber Forensics and Information Security (CFIS) is a 2 years PG Program. CFIS enables data confidentiality, security and integrity from unauthorized sources and cyber threats. In the digital era, it is necessary to secure network and data from cyber threats. The program paves way for a variety of job opportunities.

Chief Information Security Officer

Forensic Computer Analyst

Information Security Analyst

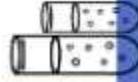
Penetration Tester

Security Architect

IT Security Engineer

Security Systems Administrator

IT Security Consultant



## ELIGIBILITY CRITERIA

**B.E / B.TECH**

1. Information Technology
  2. Computer Science and Engineering
  3. Electronics Engineering
  4. Electronics & Communications Engineering
- and other relevant branches from recognized institutions.