Chief Patrons

- Dr. A. C. Shanmugam, Chairman, RRGI
- Sri. A. C. S. Arunkumar, Vice–Chairman, RRGI

Patrons

- Dr. S. Vijayanand, Executive Director, RRGI
- Dr. S. Jeyabalan, Special Officer, RRGI
- Sri C. N. Seetharam, IAS (Rtd) CEO, RRGI
- Dr. A.K. Mariappan, Rector. RRGI
- Dr. Anandthirtha.B.Gudi, Principal, ACSCE
- Dr. Usha S, Vice Principal, ACSCE

Conveners

- Dr. P. Bhuvaneswari, Professor & HoD, Biomedical Engineering, ACSCE
- Dr. M. Karuppasamy, Professor & HoD , CSE–CYS,ACSCE
- Dr. S. M. Vijaya, Professor & HoD – ECE,ACSCE

Program Coordinators & Contact Details

- Mrs. Nagashree Pavan, Asst. Professor, BME
  Mob. No : 7259120138,
  Email ID: nagashree.g90@gmail.com

- Ms. Sanjana R, Asst. Professor, CSE–CYS
  Mob. No : 9481580134,
  Email ID: sanjanachavan98@gmail.com

- Dr. Durga Indira, Associate Professor, ECE
  Mob. No : 9052820169
  Email ID: durga.indira@gmail.com

Registration fee

- 💰 Internal Participants: Rs.236/- (Including @ 18% GST)
- 💰 External Participants: Rs.472/- (Including @ 18% GST)

About the Institution

ACS College of Engineering (ACSCE), established in 2009, is an institution of academic excellence with a vision to serve humanity through quality education. Affiliated with Visvesvaraya Technological University (VTU), Belagavi, and approved by the All India Council for Technical Education (AICTE), New Delhi, the college is also accredited by the National Board of Accreditation (NBA) and the National Assessment and Accreditation Council (NAAC). ACSCE offers a wide range of undergraduate and postgraduate programs in both traditional and emerging disciplines, including Aeronautical Engineering, Aerospace Engineering, Bio–Medical Engineering, Artificial Intelligence and Machine Learning (AI & ML), Data Science and Cyber Security, and the Internet of Things (IoT). In addition to engineering programs, ACSCE also offers professional courses such as Bachelor of Business Administration (BBA) and Bachelor of Computer Applications (BCA), broadening the scope of career opportunities for students. The institution is committed to equipping students with advanced technical knowledge and global competencies, while also integrating value–based education, environmental awareness, and communication skills into its curriculum. Located in a lush green, serene campus near the Bengaluru–Mysore Highway, just 15 km from Bengaluru City Railway Station and 2 km from Kengeri Railway Station, ACSCE provides an ideal environment for the intellectual and personal growth of its students. Let me know if you'd like this version in a shorter or more promotional format for banners, social media, or flyers.

Registration Form

https://lnk.ink/kvLbM

ACS COLLEGE OF ENGINEERING

Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi & Govt. of Karnataka
#207, Kambipura, Mysore Road, Bengaluru – 560 074

**Department of Biomedical Engineering, Computer Science and Engineering (Cyber Security) & Electronics and Communication Engineering
in Association with IEEE Student Branch & EMBS Bangalore Section**

IEEE Advancing Technology for Humanity — IEEE BANGALORE SECTION — EMB IEEE Bangalore Chapter

**Jointly Organizing
5 Days Faculty Development Programme
On
"Quantum Computing for Enhanced Cybersecurity in Healthcare and Electronic Systems"**

📅 Date: 21st July 2025 to 25th July 2025

⏰ Time: 09:00 AM to 04:00 PM

📍 Venue: 3rd Floor Seminar Hall,

🏫 ACS College of Engineering

🖥️ Mode: Hybrid

About the Program

This program focuses on emerging technologies and their implications, particularly in quantum computing, cybersecurity, and digital healthcare. It explores post-quantum cryptography, ethical and regulatory challenges in AI and healthcare, advances in computing technologies like RISC-V and edge computing, and the role of photonics in quantum information. It also covers research funding strategies and the evolving security needs of IoT and embedded systems in the face of quantum threats.

Topics Covered

- Introduction to Quantum Computing
- IoT & Embedded Systems: Quantum Security Needs
- Quantum Threats to Current Cyber Security
- Security Block Chains in the era of post Quantum Cryptography
- Challenges in Digital Health Care: An Ethical Perspective
- Next-Generation Computing Technologies: RISC-V, Edge Computing, and Quantum Paradigms
- Quantum Information Technology Using Photonics
- Writing Proposals and Research Fund

Eligibility

- Faculty members, researchers, or professionals from engineering, physics, Electronics, or medical fields.
- Postgraduate students (Master's or PhD) in relevant fields may also be eligible.
- Professionals working in healthcare technology, medical devices, or electronics may also be eligible.
- Faculty members working in universities or technical institutions may be prioritized, particularly those teaching courses related to electronics, photonics, optics, or healthcare.
- Researchers and industry professionals involved in healthcare or electronic device development may also be invited.

Guidelines

- A maximum of 50 participants will be allowed for the program based on a first-come, first-serve basis .
- The certificates will be issued to those participants who have attended the program with a minimum 80% attendance
- Daily feedbacks are mandatory.

Resource Persons

- Mr. Veerendra shetty Founder, VISUKHI Innotech Private Limited, Bangalore IEEE EMBS Chair, Bangalre Chapter
- Dr. T Srinivas , Professor, Electrical Communication Engineering Indian Institute of Science, Bangalore
- Dr. Roshan Joy Martis, Associate Professor Department of Electronics & Communications Manipal Institute of Technology Bengaluru
- Dr. Srirang Kulkarni, Assistant Director Examinations and Associate Professor, Manipal Institute of Technology Bengaluru
- Mr. Gajendra Chidambar Deshpande, Director EYESec Cyber Security Solutions Pvt. Ltd. K&P Training Services Pvt. Ltd. Theta Dynamics Pvt. Ltd. Bangalore
- Dr. S N Deepa , Associate Professor, Department of Electrical Engineering, National Institute of Technology Calicut, NIT Campus P.O., Kozhikode, Kerala
- Mr. Harsha Neelakantha, Senior Manager, Education at Silicon Microsystems Bangalore
- Mr C P Umashankar, Chief Technology Officer , Silicon Microsystems
- Dr. N V Raju Professor & HoD Department of Physics Global Academy of Technology, Bangalore
- Mr. Abhilash P H ,Vector India