RajaRajeswari College of Engineering

(An Autonomous Institute, Affiliated Visvesvaraya Technological University, Belagavi
Approved by AICTE, UGC &GoK, Accredited by ISO 9001-2015 Certified Institution)
Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

ELCOM – X 2K25 : A National Level Technical Symposium

Date :. 17/04/2025   TIME: 8.30AM-04.30PM

Venue : Satyendra Bose Seminar Hall, ECE Dept.

Target Participants: All semester students

Number of Students Participated: 100 students

Number of Faculty members involved: 3 MEMBERS

Organizing Committee:
Dr.R.Balakrishna, Principal,RRCE
Dr.L.Rangaiah, Dean Academics, RRCE
Dr. Sunitha R, HOD/ECE, RRCE

Name of the Recourse Person:
  Rtn. Dr. A. Ratna Phani
  (Ph.D, PGDIBM, PGIDF, FISBT, D.Sc)
  EP – GSBL – IIM Calcutta | Digital Marketing – ISB Hyderabad
  Renowned Nanotechnologist (Nano Scientist)

Name of the Faculty Co-ordinators:

Dr.Deepika J , Dept of ECE, RRCE

Prof. Haritha K Sivaraman, Dept of ECE, RRCE

Prof. M.Suresh**,** Dept of ECE, RRCE

Objective of the Program:

➢ The objective of **ELCOM-X 2K25** is to provide a dynamic platform exclusively for **Electronics and Communication Engineering** students across the nation to showcase their technical knowledge, problem-solving abilities, and innovative thinking.

➢ Through a series of engaging events such as technical quizzes, circuit rig-up, code forge, and component-based challenges, the symposium aims to foster practical learning, enhance technical competence, and encourage collaboration among budding engineers.

➢ This initiative aspires to bridge the gap between theoretical education and real-world application by promoting creativity, critical thinking, and a passion for engineering excellence.

RajaRajeswari College of Engineering

(An Autonomous Institute, Affiliated Visvesvaraya Technological University, Belagavi
Approved by AICTE, UGC &GoK, Accredited by ISO 9001-2015 Certified Institution)
Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

LIST OF EVENTS CONDUCTED

1. Buzz Wire
2. Components Hunt
3. Technical Quiz
4. Connect the Image
5. Technical Snake and Ladders
6. Circuit Rig-Up
7. Memorize the Components
8. Shark Tank
9. Technical Dumb Charades
10. Code Forge

EVENT HIGHLIGHTS

- Enthusiastic participation from multiple engineering colleges across bangalore
- A variety of technical and fun-filled events tailored to test knowledge, creativity, and presence of mind.
- Events such as "Circuit Rig-Up" and "Code Forge" emphasized core technical skills.
- Events like "Shark Tank" promoted entrepreneurial thinking and idea pitching.
- Participation certificates and a total prize pool of ₹15,000 were awarded to winners and runners.
- Excellent coordination and involvement by student volunteers and faculty members.

Outcome of the Program

- **Enhanced Technical Proficiency:** Participants will gain hands-on experience in core ECE domains such as circuit design, embedded systems, and communication technologies through practical events and challenges.
- **Improved Problem-Solving Skills:** Events like Code Forge, Circuit Rig-Up, and Technical Quiz will enhance analytical thinking and logical reasoning among students.
- **Teamwork and Collaboration:** Group activities and competitions like Shark Tank and Dumb Charades will promote effective teamwork, leadership, and interpersonal communication.
- **Innovation and Creativity:** Students will be encouraged to think outside the box and present unique ideas, fostering innovation in both hardware and software domains.
- **Real-World Exposure:** The symposium bridges academic learning with practical application, preparing students for future technical roles in industry and research.
- **Networking Opportunities:** Participants will connect with peers, faculty, and industry experts, building a strong technical and professional network.

RajaRajeswari College of Engineering

(An Autonomous Institute, Affiliated Visvesvaraya Technological University, Belagavi
Approved by AICTE, UGC &GoK, Accredited by ISO 9001-2015 Certified Institution)
Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

RAJARAJESWARI COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

PRESENTS

A NATIONAL LEVEL TECHNICAL SYMPOSIUM

ELCOM-X

15K PRIZE POOL

2K25

17 APRIL 2025

Events

- BUZZ WIRE
- COMPONENTS HUNT
- TECHINICAL QUIZ
- CONNECT-THE IMAGE
- TECHINICAL SNAKE AND LADDERS
- CIRCUIT RIG-UP
- MEMORIZE THE COMPONENTS
- Shark Tank
- Techanical Dumb Charades
- Code Forge

Contacts

Mohit J N
+91- 9066661899

Harsha M
+91-8792910822

Hemanth Kumar Y
+91- 9738620421

Sharanya R
+91- 9353747727

Uday S
+91- 9108609135

Email-ID:elcomx2025@gmail.com
Instagram ID : rrce_ece
Registrations start from: 10-04-2025
Registration ends on: 16-04-2025

Co-ordinators Dr. Deepika J Prof. Haritha K Prof. Suresh M	Convener Dr. Sunitha R HOD, ECE	Dr. Rangaiah L Dean Academics	Dr. R Balakrishna Principal

SCAN TO PAY

SCAN TO REGISTER

RajaRajeswari College of Engineering

(An Autonomous Institute, Affiliated Visvesvaraya Technological University, Belagavi
Approved by AICTE, UGC &GoK, Accredited by ISO 9001-2015 Certified Institution)
Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

RAJARAJESWARI COLLEGE OF ENGINEERING
(AN AUTONOMOUS INSTITUTION UNDER VTU, BELAGAVI, APROVED BY AICTE, UGC & GOK)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
presents

ELCOM-X

CIRCUIT RIG UP

- THERE WILL BE 2 PARTICIPANTS PER TEAM.
- THE TEAMS WILL BE PROVIDED A CIRCUIT DIAGRAM AND THE ESSENTIAL COMPONENTS.
- THE TEAM WILL BE GIVEN A MAXIMUM 15 MINUTES TO GET THE OUTPUT.
- THE TEAM COMPLETING THE CIRCUIT AND GETTING THE OUTPUT WITH LEAST TIME I.E BEST TIME RECORD WILL BE DECLARED THE WINNER.
- THE USE OF MOBILE PHONES OR ANY SORT OF MALPRACTICE WILL LEAD TOP DISQUALIFICATION.

NO OF PLAYER : 2 PER TEAM
REG FEE : ₹59/-INC. GST
CASH PRIZE : 1ST PRIZE - ₹1000 & 2ND PRIZE - ₹500
EVENT TIME : ALL DAY

Faculty Coordinators :
prof. Lokesha K

Coordinators :
MANASA VR (8867998156)
MAXALAXMI (7892040880)

SCAN TO REGISTER   SCAN TO PAY

RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
presents

ELCOM-X

TECHNICAL DUMD CHARADES

·THE PARTICIPANTS MUST REGISTER BEFORE THE DEADLINE TIME. THE EVENT WILL BEGIN AS THE DEADLINE TIME ENDS.
·EACH TEAM MUST CONSIST 3 MEMBERS.
·A PARTICIPANT FROM THE TEAM WILL PICK 5 CHITS WHICH COMPRISES COMPONENTS NAME AND HE/SHE MUST GIVE CLUES AND HINT TO THEIR TEAMMATES WITHOUT SAYING THE COMPONENT NAME WITHIN 10 MINUTES.
·EACH TEAM GETS 5 CHITS AND THE TOTAL TIME CONSUMED BY THE TEAM TO GET ALL THE NAMES CORRECT WILL BE NOTED.
·THE TEAM WITH THE LEAST TIME CONSUMED WILL BE DECLARED WINNER.

NO OF PLAYER : 3 PER TEAM
REG FEE : ₹59/-INC. GST
CASH PRIZE : 1ST PRIZE - ₹1000 & 2ND PRIZE - ₹500
EVENT TIME : ALL DAY

FACULTY COORDINATOR :
PROF. DANESHWARI MODI

COORDINATORS :
BHAGYALAKSHMI M N (9008595541)
MYTHRI S RAO (9108324038)
APOORVA S (9535614945)

SCAN TO REGISTER   SCAN TO PAY

RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
presents

ELCOM-X

MEMORIZE THE COMPONENTS

- The participants will be shown different electronics components for around 15 seconds and they must memorize it . Writing it down or clicking photos during these 15 seconds will lead to disqualification.
- Then the participants will be provided 5 minutes to write down the components they had seen.
- The participant who got most of the components right will be declared the winner

NO of player : 1
Reg fee: ₹59/-inc. GST
Cash prize: 1st prize - ₹1000 & 2nd prize - ₹500
Event time : all day

FACULTY COORDINATOR :
DR. DEEPIKA J
COORDNIATORS :
KUSHALI GOWDA (9900115330)
KAVYASHREE DR (6363601675)

SCAN TO REGISTER   SCAN TO PAY

RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
presents

ELCOM-X

CODE FORGE

·The participants must register before the deadline time. The event will begin as the deadline time ends.
·Open to all currently enrolled students of [Your College Name].
·Languages Allowed: Python and C programming only.
·Solo or Team of up to 2 members (Specify based on your plan).
·Cross-department teams are allowed (optional).
·Participants must bring their own laptops (for offline).
·Internet usage is not allowed unless otherwise stated.
·Code must be submitted in the given format (e.g., .py or .c).
·Late submissions will not be evaluated.
·Multiple submissions are allowed before time ends, but only the latest will be considered.
·Code will be tested against hidden test cases to avoid hardcoding.
·Use of any AI tools, ChatGPT, or online coding help is strictly prohibited.
·Any malpractice leads to immediate disqualification.

NO OF PLAYER : MAX 2 PEOPLE
REG FEE : ₹59/-INC. GSTCASH PRIZE : 1ST PRIZE - ₹1000 & 2ND PRIZE - ₹500
EVENT TIME : 1PM TO 3PM

Faculty Coordinator :
prof. Santosh Chavan

Coordinators :
THANISH GOWDA AR (8861828699)
VAISHNAVI Hm (8792106847)
VISHWANATH CK (9741999069)

SCAN TO REGISTER   SCAN TO PAY

RajaRajeswari College of Engineering

(An Autonomous Institute, Affiliated Visvesvaraya Technological University, Belagavi
Approved by AICTE, UGC &GoK, Accredited by ISO 9001-2015 Certified Institution)
Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

RajaRajeswari College of Engineering

(An Autonomous Institute, Affiliated Visvesvaraya Technological University, Belagavi
Approved by AICTE, UGC &GoK, Accredited by ISO 9001-2015 Certified Institution)
Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

RajaRajeswari College of Engineering

(An Autonomous Institute, Affiliated Visvesvaraya Technological University, Belagavi
Approved by AICTE, UGC &GoK, Accredited by ISO 9001-2015 Certified Institution)
Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

RajaRajeswari College of Engineering

(An Autonomous Institute, Affiliated Visvesvaraya Technological University, Belagavi
Approved by AICTE, UGC &GoK, Accredited by ISO 9001-2015 Certified Institution)
Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

CONCLUSION

- ➢ ELCOM-X 2K25 was a resounding success, fulfilling its aim of enriching the technical and professional skills of budding ECE engineers.

- ➢ The event not only provided a competitive platform for students but also encouraged peer learning and innovation.

- ➢ The department looks forward to hosting even more dynamic editions of the symposium in the future.