

TRANSEGE

**Dr.K.Rahimunnisa, Associate Professor and Head,
Department Of Electronics and Communication Engineering**

Dear Readers,

For years, “Trans-edge”, the enthusiastic publication of the activities by the Technocrats of the ECE department has created a platform for the erudite students to showcase their talents. The newsletter motivates both the faculty and the students to outperform themselves and unfold their creative instincts. It aims to enlighten the readers on the latest technological developments and thus drives Innovation.

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“Knowing is not
enough; we must
apply. Wishing is not
enough; we must
do”-

Johann Von Goethe

VISION AND MISSION

EASWARI ENGINEERING COLLEGE

Vision:

To accomplish and maintain international eminence and become a model institution for higher learning through dedicated development of minds, advancement of knowledge and professional application of skills to meet the global demands.

Mission:

M1:

Easwari Engineering College strives to set high standards of comprehensive education by developing the intellectual strength of students and guiding them towards technical advancement.

M2:

Synergise the efforts of various departments, inspire creativity and foster excellence and innovation in teaching and learning so as to realise our vision as a Premier Engineering Institution.

M3:

Nurture the development of mind, skill, attitude and core competence of students.

M4:

Attain leadership in planning and resource management so as to improve the quality and accessibility of technical education.

M5:


Produce graduates of International distinction, committed to Integrity, Professionalism and lifelong learning by widening their knowledge horizons in range and depth.

M6:

Enable students shine in their academic pursuits, making them sensitive to the needs of the progressive industrial world.

M7:

Organise a pluralistic and supportive environment that will stimulate scholars, students and staff of the highest calibre and contribute immensely to the process of Nation building through partnership with Community and Industry.



“Push harder than
yesterday if you
want a better
tomorrow...”

-English Proverb

VISION AND MISSION

EASWARI ENGINEERING COLLEGE DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Vision:

To prepare engineers, proficient to meet the needs of current technological advancements in the field of Electronics and Communication Engineering by establishing a learning environment consistent with industry standards in academics and research.

Mission:

M1:

To create a passion amongst students for contributing to research by providing industry oriented learning.

M2:

To impart in depth knowledge in principles and applications related to design and development of various systems for societal needs.

M3:

To build the skill sets, attitude and core competence of students and faculty by providing them with the opportunity to organize various technical events which will bring out their inherent talents

M4:


To produce graduates with technical expertise, professional attitude and ethical values

M5:

To instil creative thinking through innovative and team based methods which develops the entrepreneur skills, employability and research capability among professionals

M6:

To inculcate in the graduates, the thirst for life-long learning and guide them to obtain thorough knowledge in their chosen interdisciplinary field



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PROGRAM OUTCOMES:

PO1: Engineering Knowledge

PO2: Problem Analysis

PO3: Design/Development of Solutions

PO4: Conduct investigations of complex problems

PO5: Modern Tool Usage

PO6: The Engineer and Society

PO7: Environment and Sustainability

PO8: Ethics

PO9: Individual and Team Work

PO10: Communication

PO11: Project Management and Finance

PO12: Life Long Learning

“All you need in this life is ignorance and confidence; then success is sure.”

– Mark Twain

PROGRAM SPECIFIC OUTCOMES:

PSO1: Design and construct Electronic circuits and to Simulate the circuits with software tools which lead to the development of Electronic gadgets.

PSO2: Design and analyze various signal processing blocks for Image and Signal processing systems.

PSO3: Analyze various Networking and Communication areas and its impact in real time applications.

PSO4: Implement their professional skills and techniques in the integrated circuit design which are applicable to industrial and societal needs.

PROGRAM EDUCATIONAL OBJECTIVES:

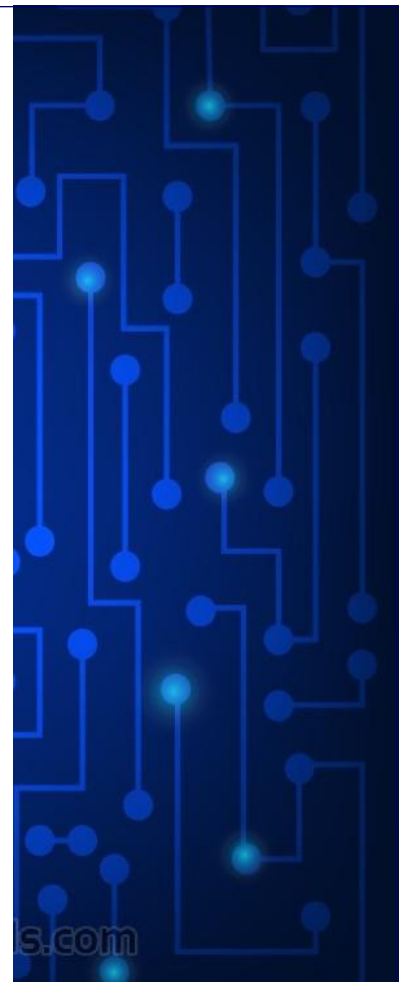
PEO1: Graduates will possess competency in mathematics, science and engineering fundamentals for solving Electronics and Communication engineering problems.

PEO2: Graduates will have core engineering knowledge necessary for employment in industries as well as higher studies and research.

PEO3: Graduates will attain organizing capability, entrepreneur skills and will be a team player in workplace with ethics.

PEO4: Graduates will perform effectively in multicultural and multidisciplinary environment and makes them ready for the corporate careers ahead.

PEO5: Graduates will have the ability to engage themselves in lifelong learning to achieve professional excellence that will make impact in the societal and human context.



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INDUSTRIAL VISIT

The students of ECE III A, B, C visited DRDO exhibition as a part of Industrial Visit program on 28.07.2017. The theme of the exhibition, organized by the DRDO is "Science for Soldiers and Society".



The students of ECE IV Year, visited Madras Atomic Power Station, Kalpakkam as a part of Industrial Visit programme . The students gained knowledge on the working model of power generation.

IV ECE A — 18.07.2017

IV ECE B — 19.07.2017

IV ECE C — 20.07.2017

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EVENTS

ACADEMIC EXCELLENCE AWARD RECEIVED BY R.SUBHASHINI DURING THE INDO-GLOBAL EDUCATION SUMMIT & EXPO BY THE INDUS FOUNDATION ON JULY 22, 2017

Venue: Taj Coromandel, Nungambakkam

Time : 9.15 am to 5.30 pm



The Indo-Global Education Summit and Expo commenced with the Inaugural Program at 9.15 am which included the Address by the Guest of Honour, **Shri K.Ramachandran, IAS**, Address by the Chief Guest **Thiru Rajendra Ratnoo, IAS** followed by the Presentation of Awards of Excellence to the delegates and the Inauguration ended at 11.15 am. Faculty members B.Jesvin Veancy, Associate Professor and S.Caroline Jebakumari, Assistant Professor, ECE Department attended the session.

“Push harder than yesterday if you want a better tomorrow...”

-English Proverb



“ Don't worry about failures, worry about the chances you miss when you don't even try...”

- Jack Canfield.



After a 15 minute break, there were two Academic Collaboration sessions , one for Research Collaborations, Joint / Dual Degree Programs, Twinning & Transfer Programs and the other for Distance Education & Vocational Education Programs, Faculty and Student Exchange Programs, Study Abroad in India programs and other collaborations. **Dr.K.Sudhakar, Dr.B.Chandrasekaran, Dr.A.Chella Perumal** spoke in these sessions.

The Expo for the students ran in parallel with the Summit 2017 in an adjoining separate hall. They had table spaces which included educational/training institutions, companies, businesses, industries, NGOs, skill developers, etc for meeting students and career aspirants.



There were Skill Development and Academe – Industry Collaboration sessions after lunch which were headed by **Dr.Arunachalam N.** and **Col Krishna Vijay** respectively. The speakers were **Er.Srinivasa Perumal**, **Mr.S.Gnanasekaran**, **Mr.Syed Mubasheer Ali**, **Mr.Sai Prakash** for these sessions.



R.Subhashini of final year, ECE department received the Award for Academic Excellence from **Mr.S.B.Anumolu, President, The Indus Foundation.**



“ Don’t worry about failures, worry about the chances you miss when you don’t even try...”

- Jack Canfield.

There was a Startup and Entrepreneurship session from 4.40 to 5.30 pm for the students and delegates where the students had one-to-one interactions regarding Startups and Entrepreneurships with the delegates with which the event ended.



ART COMPETITION

Student Association of ECE is organizing an Art competition Titled” Mimics on Advancement in Technology “

Date : 04-08-2017

Venue: LH 28, 5th floor Main block.

Time : 12.30 PM

WORKSHOP

Name of Workshop: Android

Date: 27.07.2017

<i>S.no</i>	<i>Name</i>	<i>Year</i>	<i>Section</i>
1.	Ritthiga	III	C
2.	Vidya	III	C
3.	Yeshaswini	III	C
4.	Theepalakshmi	III	C
5.	Sandheya	III	C
6.	Vinodhini	III	C
7.	Rohini	III	C

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– Mark Twain

Paper Presentation

Title: Brainport device

Placed: 2nd

Date: 31.07.2017

Location: Prince Sri Venkateshwara Padmavathy college

S.No	Name	Year	Section
1.	Narayanan	III	B
2.	Kaviselvi	III	B

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– T wain

Yoga Championship

Harini of IV year A, won first prize in the 7th SOUTH INDIA YOGASANA CHAMPIONSHIP-2017 held on 30.07.2017 at Jawaharlal Nehru Indoor Stadium representing Tamilnadu in the common category for the age group 17-21 years.

INTERNSHIP

Name of Company : Codebind technologies

Location: Chennai

Course: Embedded systems

Date: 23.07.2017-27.07.2017

S.no	Name	Year	Section
1.	Ritthiga	III	C
2.	Vidya	III	C
3.	Yeshaswini	III	C
4.	Theepalakshmi	III	C
5.	Vinodhini	III	C
6.	Rohini	III	C
7.	Sandheya	III	C

HACKATHON

R.Subhasini and R.Subha, of IV ECE 'C' Section received the '**BEST ALL GIRLS TEAM AWARD**' by **THE IET - HINDUSTHAN UNIVERSITY** during the **HITSATHON V1.0** on **August 5th, 2017.**



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INAUGURATION

Department of ECE organizes inauguration of “Society of Electronics and Communication Engineers” & “Institute of Electronics and Telecommunication Engineers Student Forum” on 03/08/2017 at TRP auditorium at 2.00PM. In this the Chief guests Mr.P.T.Shravanan, Senior Project Engineer, Wipro Technologies, Chennai & Guest of Honour Mr. TATA SUDHAKAR Scientist F, National Institute of Ocean Technology, Vice chairman of IETE Chennai Center will deliver the Inaugural Address.

ORIENTATION PROGRAMME

All faculty members have attended the programme and gathered ideas which helps them towards achieving balance between their work and life.

TOPIC : WORK LIFE BALANCE

**VENUE : OP BLOCK, SRM HOSPITAL,
SRM UNIVERSITY CAMPUS**

TIME : 12.25 PM

DATE : 28.07.2017

**RESOURCE PERSON: MS. LEELA KRISHNAN,
SOCIAL ACTIVIST**

PHOTO OF THE WEEK



ASHOK CHANDILYAA
ECE IIIA

NON-TECHNICAL ARTICLES

MY DAD, MY SUPERHERO

The clock strikes 8. A fatigued dad with a laptop bag across his shoulder enters the living room, with marks of incessant strain of toil on his forehead. He silently swallows whatever mom has prepared whilst watching TV and gains the hatred of his son in the process, just because he refused to tune into his son's favourite channel. "Veetla Ellaa velayum Naan dhaan pannanum!", mutters a frustrated mom, which triggers Civil war 2.0....Peace of mind was indeed a luxury he couldn't afford. Within that tough body of his, lies the heart of an innocuous child, which finds prime happiness only with the well-being of its beloved ones. Tackling a nosey wife, a dictatorial boss, a commanding son successfully may sound arduous but trust me, dad aces it with ease (Dad's tackling skills got him like, "Premier league! Here I come! ☐ "). That 'dhikku dhikku' feel when mom says "Appa kitta ketuko", won't even last a minute when those words of agreement come out of his mouth accompanied by a joyous smirk. That selfless soul had given up on his stern self not only on this but countless other occasions, just to see a smile on that face of ours :) . From giving us driving lessons to signing the report card and saving us from Mom's 'archanai', he has always been our superhero♥.

Rohit Kumar
ECE IIB

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– Mark Twain



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