Department Association of Electronics and Communication Engineering

SPECTRUM

NEWSLETTER

YLECTRAZE

Version 5.2

2K16-17

One Team
One Spirit
One Success

INDEX

Dr. MAHALINGAM COLLEGE OF ENGINEERING &TECHNOLOGY
(AUTONOMOUS)
NPTC-MCET Campus; Udumalai Road; Pollachi-642003
Ph no: 4259-236030/40/50; Fax -04259-236070

VISION OF THE INSTITUTE:

We develop a globally competitive workforce and entrepreneurs.

MISSION OF THE INSTITUTE:

Dr.Mahalingam College of Engineering and Technology, Pollachi endeavours to impart high quality; competency based technical education in Engineering and Technology to the younger generation with the required skills and abilities to face the challenging needs of the industry around the globe. This institution is also striving hard to attain a unique status in the international level by means of infrastructure, start-of-the-art computer facilities and techniques.

VISION OF THE DEPARTMENT:

To strive for excellence in Electronics and Communication Engineering education, research and technological services imparting quality training to students, to make them competent and motivated Engineers.

MISSION OF THE DEPARTMENT:

Department is
- Impart quality engineering education in the areas of Electronics, Signal Processing, Embedded Systems and Communication Networks.
- Equip the students with professionalism and technical expertise to provide appropriate solutions to societal and industrial needs.
- Provide stimulating environment for continuously updated facilities to pursue research through creative thinking and team work.

Programme Educational Objectives (PEOs)

The graduates will:

PEO1. Actively apply technical and professional skills in engineering practices towards the progress of the organization in competitive and dynamic environment.

PEO2. Own their professional and personal development by continuous learning and apply the learning at work to create new knowledge.

PEO3. Conduct themselves in a responsible, professional and ethical manner supporting sustainable economic development which enhances the quality of life.

Programme Outcomes (POs)

Graduates of Electronics and Communication Engineering Programme will be able to

PO 1. Engineering Knowledge: Apply the knowledge of Mathematics, Science and engineering to solve problems in the field of Electronics& Communication Engineering.

PO 2. Problem Analysis: Identify, formulate/model, analyse and solve complex problems in the field of Electronics & Communication Engineering.

PO 3. Design and Development: Design an electronic system/component, or process to meet specific purpose with due consideration for economic, environmental, social, political, ethical, health and safety issues.

PO 4. Conduct Investigations: Design and conduct experiment, analyze and interpret data to provide valid conclusions in the field of Electronics and Communication Engineering.

PO 5. Modern Tool Usage: Apply appropriate techniques and modern software tools for design and analysis of Electronic systems with specified constraints.

PO 6. Engineer and Society: Apply contextual knowledge to provide engineering solutions with societal, professional & environmental responsibilities.

PO 7. Environment and Sustainability: Provide sustainable solutions within societal and environmental contexts for problems related to Electronics & Communication Engineering.

PO 8. Ethics: Comply with code of conduct and professional ethics in engineering practices.

PO 9. Individual and Team work: Perform effectively as a member/leader in multidisciplinary teams.

PO 10. Communication: Communicate effectively to engineering community and society with

proper aids and documents.

PO 11. Project Management & Finance: Demonstrate knowledge and understanding of the engineering and management principles to manage projects in multidisciplinary environment.

PO 12. Lifelong Learning: Recognize the need for, and have the ability to engage in independent and lifelong learning.

Programme Specific Outcomes (PSOs)

PSO1: Technology Deployment: Apply technologies of electronics, embedded systems, signal processing, communication and networking in the field of industrial automotive, consumer, medical and defense electronics industries.

PSO2 IC Design: Apply the design flow of Very Large Scale Integrated circuits to design and test Integrated Circuits in Semiconductor industries.

Autonomous Cars

Autonomous cars use a variety of techniques to detect their surroundings, such as radar, laser light, GPS, and computer vision. Advanced control systems interpret sensory information to identify appropriate navigation paths, as well as obstacles and relevant signage. Autonomous cars have control systems that are capable of analysing sensory data to distinguish between different cars on the road, which is very useful in planning a path to the desired destination. Some demonstrative systems, precursory to autonomous cars, date back to the 1920s and 1930s. The first self-sufficient (and therefore, truly autonomous) cars appeared in the 1980s, with Carnegie Mellon University and ALV projects in 1984 and Mercedes-Benz and Bundeswehr University Munich's Eureka Prometheus Project in 1987. A major milestone was achieved in 1995, with CMU's Nav Lab 5 completing the first autonomous coast-to-coast drive of the United States. Of the 2,849 miles between Pittsburgh, PA and San Diego, CA, 2,797 miles were autonomous (98.2%), completed with an average speed of 63.8 miles per hour (102.3 km/h). Since then, numerous major companies and research organizations have developed working prototype autonomous vehicles.

Among the potential benefits of autonomous cars is a significant reduction in traffic collisions the resulting injuries; and related costs, including a lower need for insurance. Autonomous cars are also predicted to offer major increases in traffic flow; enhanced mobility for children, the elderly' disabled and poor people; the relief of travellers from driving and navigation chores; lower fuel consumption; significantly reduced needs for parking space in cities; a reduction in crime and the facilitation of different business models for mobility as a service, especially those involved in the sharing economy

M.VAIBHAV MUTHU MEENAKSHI
FINAL ECE

Lightning strikes the Earth 100 times every second.

Myo-gesture control

This armband is loaded with sensors that can pick up on the electrical activity in your muscles, allowing you to control your electronics wirelessly via Bluetooth. The Myo is sure to be the next generation of gesture control. The device will work with Windows and Mac OS, with iOS and Android support soon to follow. The device is available for a price of $150. If this band is successful, it could mean the end of gesture-recognition.

The Myo armband is a $199 gesture control wearable from Thalmic Labs that's all about changing the way we interact with the world. You wear it on your forearm and a series of motion and muscle sensors are able to track movement in a really sophisticated way.

It's been available for people to tinker with for a few years now. But we are only now beginning to see how Myo can really make a difference away from controlling presentation slides and replacing your computer mouse.

Myo even has its own Market app store making it easier to bring the gesture controller closer to the things you use every day. Here, we've picked out the more eye grabbing examples of the innovative wearable being put to good use.
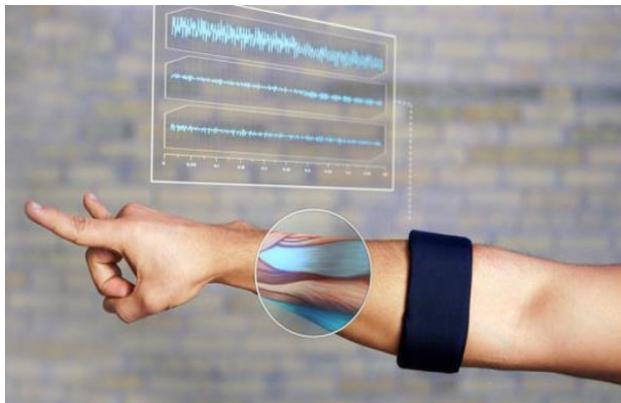
K.SABITHA

FINAL ECE

The electric chair was invented by a dentist.

did you know?

Flexible, Fast-Charging Batteries

Next to hyper-fast ground transportation, flexible batteries may seem trivial. But when the batteries that power our gadgets are freed from current technological restrictions, anything might be possible.

Here's one example: Scientists published an article about their work on a flexible aluminium-ion battery that looks like a pouch-flask you'd try to sneak into Coachella. But it can charge a phone in one minute, lasts 70 times longer than a traditional smartphone battery, and fits in any kind of gadget you can think of thanks to its malleable shape. Oh, and Elon Musk is **working on this problem**, too—naturally. **Aluminium-ion batteries** are a class of rechargeable battery in which aluminium ions provide energy by flowing from the negative electrode of the battery, the anode, to the positive electrode, the cathode. When recharging, aluminium ions return to the anode.

Aluminium-ion batteries are conceptually similar to lithium-ion batteries, but possess an aluminium anode instead of a lithium anode. While the theoretical voltage for aluminium-ion batteries is lower than lithium-ion batteries, 2.65 V and 4 V respectively, the theoretical energy density potential for aluminium-ion batteries is 1060 Wh/kg in comparison to lithium-ion's 406 Wh/kg limit. The large difference in energy density potential is due to the fact that aluminium ions have three valence electrons while lithium ions only have one. Aluminium is also more abundant than lithium, lowering material costs.

Aluminium-ion batteries have a relatively short shelf life. The combination of heat, rate of charge, and cycling can dramatically decrease energy capacity. When metal ion batteries are fully discharged, they can no longer be recharged. Ionic electrolyte materials are expensive. Like most batteries, they have a far lower energy density than gasoline.

P. VENKAT RUBAN

FINAL ECE

Quote box

It doesn't matter who you are, where you come from. The ability to triumph begins with you. Always. - Oprah Winfrey

The Hyper loop

Hyper loop is a proposed mode of passenger and freight transportation that would propel a pod-like vehicle through a reduced-pressure tube at more than airline speed. The alpha version of the proposal, published on the SpaceX website, describes design claims of the system, as well as its function. The pods would accelerate to cruising speed gradually using a linear electric motor and glide above their track using passive magnetic levitation or air bearings. The tubes could also go above ground on columns or underground, eliminating the dangers of grade crossings. It is hoped that the system will be highly energy-efficient, quiet and autonomous.

The concept of high-speed travel in tubes has been around for decades, but there has been a resurgence in interest in pneumatic tube transportation systems since the concept was reintroduced, using updated technologies, by Elon Musk after 2012,incorporating reduced-pressure tubes in which pressurized capsules ride on an air cushion driven by linear induction motors and air compressors.

The Hyper loop concept has been explicitly open-sourced by Musk and SpaceX, and others have been encouraged to take the ideas and further develop them.

To that end, a few companies have been formed, and several interdisciplinary student-led teams are working to advance the technology. SpaceX is building an approximately 1-mile-long (1.6 km) subscale track for its pod design competition at its headquarters in Hawthorne, California.

Some experts are sceptical, saying that the proposals ignore the expenses and risks of developing the technology and that the idea is "completely impractical". Claims have also been made that the hyper loop is too susceptible to disruption from a power outage or being completely destroyed by a simple terror attack to be considered safe

Traveling at over 700 mph in the US will be possible & affordable

V.ANITHA

FINAL ECE

DID YOU KNOW?
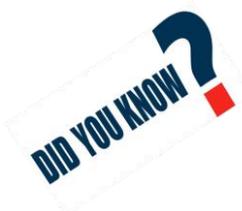
India was the first country to develop extraction and purifying techniques of sugar. Many visitors from abroad learnt the refining and cultivation of sugar from us.

Hologram bracelet

A **hologram bracelet** or **energy bracelet** is a small rubber wristband fitted with a hologram. Manufacturers have said that the holograms "optimise the natural flow of energy around the body, and so improve an athlete's strength, balance and flexibility". Only anecdotal evidence supports these claims and tests performed by the Australian Sceptics, the University of Wales Institute, Cardiff, and the RMIT's School of Health Sciences have been unable to identify any effect on performance.

Hologram bracelets include a small hologram which manufacturers say is "programmed" through an undisclosed process. Power Balance, who has manufactured the bracelets since 2007, says that the programming "mimics Eastern philosophies". The holograms are most usually installed in bracelets and wristbands but are also sold as pendants or necklaces, anklets, shoe inserts, pet tags, or separately for users to apply to the back of a watch, for example.

Manufacturers including Power Balance and EFX Performance make no claims on their websites for their products, but carry testimonials from users who say that they improve athletic performance. Until 2010, Power Balance said that their bracelets helped improve an athlete's strength, balance and flexibility because the holograms are embedded with an "electrical frequency" that restores the bodies "electrical balance" on contact with its natural energy field. In December 2010, following a successful legal action by the Australian Competition and Consumer Commission, Power Balance admitted that there was no credible scientific evidence for these claims

S.SEETHA LAKSHMI

FINAL ECE

Did you know?

"Go," is the shortest complete sentence in the English

Desktop DNA Lab

Genotype refers to the entire set of genes in a cell, organism or an individual. With over 40 trillion cells in the human body, we are the most diverse and difficult terrain to explore.

The Juno system is engineered to genotype a meagre DNA sample. To accomplish this, Juno will need to "amplify" DNA by making millions of copies of one strain so it can be compared with many others. The key to this process is Juno's proprietary microchip, which can amplify samples that are 1,000 times smaller than a drop of water

Normally this process would take a full day but Jeno only takes three hours. The extra hours free scientists to concentrate on actual analysis—a shift that makes it easier to match bone-marrow donors, find cures for genetic diseases and more.

Juno is a breakthrough technology that is now being used at academic and research labs. Increase productivity and efficiency with automated, cost-effective, and easy-to-use workflows for targeted DNA next-generation sequencing (NGS) library preparation, gene expression analysis and genotyping by allele-specific PCR.

Using the Juno™ Targeted DNA Sequencing Library Preparation System, including **Targeted DNA Seq Library Preparation reagents**, you can produce dozens to hundreds of sample libraries daily, with each sample enriched for up to 4,800 specific amplicons covering user-defined genes or genomic loci. Optimized for use with Illumina sequencing systems in combination with Fluidigm-supplied sample barcodes, Juno enables accurate sequencing of more samples—faster and more affordably than ever before. Juno integrates IFC control and thermal cycling to enable scalable, automated NGS library preparation for Illumina sequencers and IFC preparation for both gene expression and genotyping analysis using the Fluidigm Biomark HD.

S.JEYABHARATHI

(14BEC050)

The first FAX machine was patented in 1843, 33 years before Alexander Graham Bell demonstrated the telephone.

Google Cardboard

Google Cardboard is a virtual reality (VR) platform developed by Google for use with a head mount for a smartphone. Named for its fold-out cardboard viewer, the platform is intended as a low-cost system to encourage interest and development in VR applications. Users can either build their own viewer from simple, low-cost components using specifications published by Google, or purchase a pre-manufactured one. To use the platform, users run Cardboard-compatible applications on their phone, place the phone into the back of the viewer, and view content through the lenses.

Google Cardboard headsets are built out of simple, low-cost components. The headset specifications were designed by Google, which made the list of parts, schematics, and assembly instructions freely available on their website, allowing people to assemble Cardboard themselves from readily available parts. Pre-manufactured viewers were only available from third-party vendors until February 2016, when Google began selling their own through the Google Store.

The parts that make up a Cardboard viewer are a piece of cardboard cut into a precise shape, 45 mm focal length lenses, magnets or capacitive tape, a hook and loop fastener (such as Velcro), a rubber band, and an optional near field communication (NFC) tag. Once the kit is assembled, a smartphone is inserted in the back of the device and held in place by the selected fastening device. A Google Cardboard–compatible app splits the smartphone display image into two, one for each eye, while also applying barrel distortion to each image to counter pincushion distortion from the lenses. The result is a stereoscopic ("3D") image with a wide field of view.

The first version of Cardboard could fit phones with screens up to 5.7 inches (140 mm) and used magnets as input buttons, which required a compass sensor in the phone. An updated design released at Google I/O 2015 works with phones up to 6 inches (150 mm) and replaces the magnet switch with a conductive lever that triggers a touch event on the phone's screen for better compatibility across devices.

G.GANAGA RAJESH

14BEC096

A mathematical wonder: 111,111,111 multiplied by 111,111,111

gives the result 12,345,678,987,654,321

FACTS ABOUT INDIA

➢ Around 100 million years ago, India was an island.

➢ India's name is derived from the "Indus" river.

➢ Indus Valley Civilisation is the world's oldest civilisation.

➢ India has been the largest troop contributor to the United Nations Peacekeeping Missions since its inception.

➢ India has the world's third largest active army, after China and USA.

➢ The Tirupati Balaji temple and the Kashi Vishwanath, both receive more visitors than the Vatican City and Mecca combined.

➢ In a village called Shani Shingnapur in Maharashtra, people have been living in houses with no doors for generations. This is because they believe that whoever steals anything from this place will incur the wrath of Shani God and will have to pay for his/her sins very dearly. There is no police station in this village either.

➢ Magnetic Hill is a gravity hill located near Leh in Ladakh, India. The hill is alleged to have magnetic properties strong enough to pull cars uphill and force passing aircraft to increase their altitude in order to escape magnetic interference.

➢ Chess was invented in India.

➢ Buttons were invented in India. Yes, your shirt's buttons.

➢ Martial Arts were first created in India.

➢ The world's biggest family lives in India. One man, 39 wives and 94 children.

➢ India is the world's largest importer of arms.

➢ But India has never invaded or attacked a country.

"We owe a lot to the Indians, who taught us how to count, without which no worthwhile scientific discovery could have been made."

–Albert Einstein.

There is enough fuel in full jumbo jet tank to drive an average car four times around the world.

M.KEERTHANA
(14BEC056)

INDIA-2020

India is a developing country and the pace at which it is making progress is very fast indeed. If this rapid progress is maintained, the state of affairs in 2020 A.D. would be very impressive. In 2020 A.D. India will present a picture of tremendous progress and prosperity. It is a fact that without our five year plans we could not turn out poverty, hunger, diseases and illiteracy from her door.

Our country is rightly called an agricultural country. At present the condition of agriculture is not much satisfactory. Production is low as compared with other progressive countries of Europe and America. Farmers are taught and advised to use improved methods of agriculture and scientific implements. So it is hoped that within thirty years general output will be at least doubled. Then we shall meet our domestic needs and expert food grains to some extent.

There is a great change in the agriculture formerly, it was not a profession. It was a lay man's work. Now it has become a profession. So the farmers send their children to acquire technical training. They attend the seminars and agricultural exhibitions. In the field of heavy

Industries, progress is being made. By that time, Indians would also achieve new meaning and grace. The luxuries that on the privilege of a few now-a-days would come within the reach of the masses. Standard of living would rise and the present stage of hunger and poverty will become a thing of past. India of 2020 AD-The future of India is very bright. Although the trend of coalition government appears a political period of instability. But the economic development of the country can be pursued. There can many countries like Japan and China where coalition governments have become the order of the day. The entry of multi nations should be allowed only in the core sector to save our industrial backbone. But at the same time we should not be afraid of healthy global competition because these days, no nation can afford to be isolated from integrating with the rest of the world.

I think India of 2020 AD would be much more prosperous and vibrant. But the problem of unemployment, poverty, disease is not going to vanish. Only we must strengthen our resolve to bright them out and make India a front-ranking nation of India.

DO YOU KNOW?

Recycling one glass jar saves enough energy to operate a television for three hours.

T.SARANYAA
(14BEC058)

Artist Corner

ARTISTS' CORNER
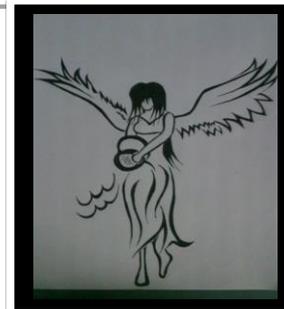
Every child is an artist, the problem is how to remain an artist once we grow

G. GANAGA RAJESH

14BEC096

Open your eyes...
there is beauty everywhere!
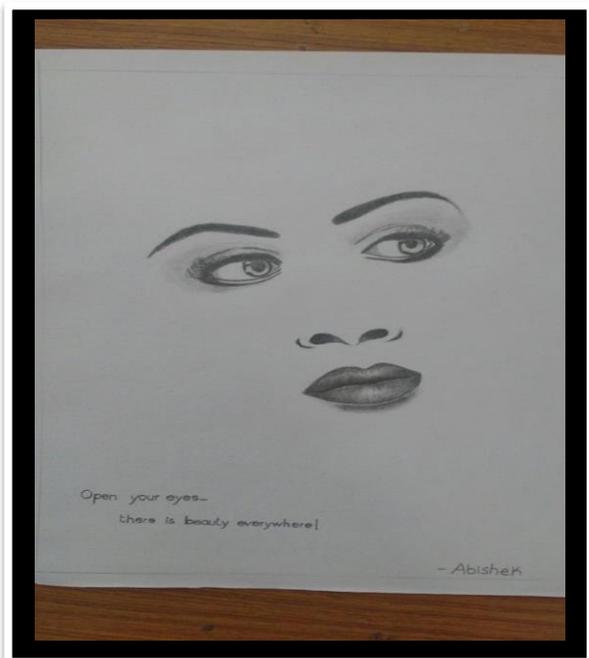
- Abishek

ABISHEK KARTHICK. V

14BEC003

SOWGANDHINI NANDAKUMARAN
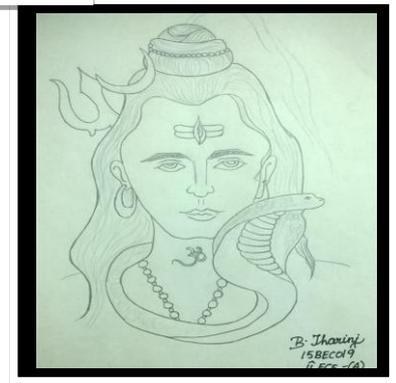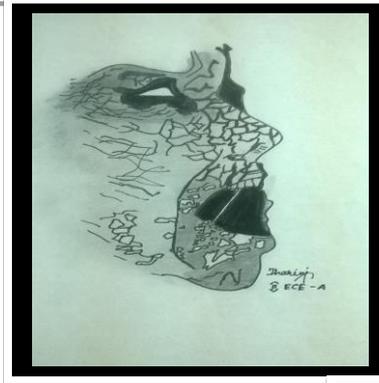
16BEC028

**B. THARINI
15BEC019**

Click-O-Clicks
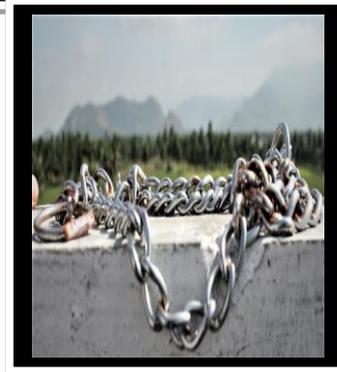
GOPALA KRISHNAN

16BEC032
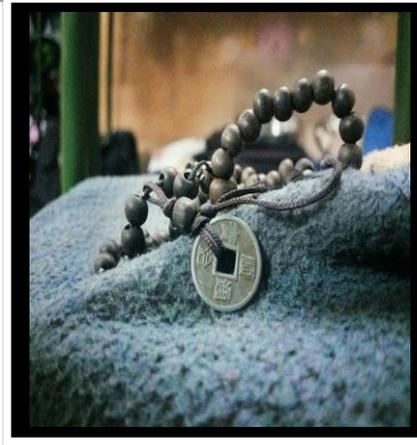
NAVEEN KUMAR. T

16BEC094

"Photography is the story I fail to put into words."

A Smile

A smile costs nothing, but gives much-
It takes but a moment, but the memory of it usually lasts forever.
None are so rich that can get along without it-
And none are so poor but that can be made rich by it.
It enriches those who receive, without making poor those who give-
It creates sunshine in the home,
Fosters good will in business,
And is the best antidote for trouble-
And yet it cannot be begged, borrowed, or stolen, for it is of no value
Unless it is given away.
Some people are too busy to give you a smile-
Give them one of yours-
For the good Lord knows that no one needs a smile so badly
As he or she who has no more smiles left to give

You've got to take the good with the bad, smile with the sad, love what you've got."

G. GANAGA RAJESH

14BEC096

Academic Year 2016-17 (EVEN SEM)

Work Shop

S.No.	Student Name	Topic	Date	Venue
1.	Sakthi.K	VLSI implementation on Transreceiver	17.03.2017	Thiagarajar College of Engineering
2.	Mathiyazhagan.A	RF circuit design using ADS	10.03.2017	Department of ECE, IEEE student branch (TECHIEMEET-2k17) Dr.Mahalingam College of Engineering and Technology
3.	Kalaivani.B	RF Circuit design using ADS	24.02.2017 & 25.02.2017	Department of ECE, IEEE student branch (TECHIEMEET-2k17) Dr.Mahalingam College of Engineering and Technology
4.	Priyadharshini.S	RF Circuit design using ADS	24.02.2017 & 25.02.2017	Department of ECE, IEEE student branch (TECHIEMEET-2k17) Dr.Mahalingam College of Engineering and Technology
5.	Nivetha Jass.M	Embedded Systems	16.02.2017 to 19.02.2017	National Institute of Technology, Tiruchirapalli
6.	Lakshmi.J	Embedded Systems	16.02.2017 to 19.02.2017	National Institute of Technology, Tiruchirapalli
7.	Kalaivani.B	Embedded Systems	16.02.2017 to 19.02.2017	National Institute of Technology, Tiruchirapalli
8.	Jayashree.N	PCB design & Fabrication	18.02.2017	Bannari Amman Institute of Technology

9.	Manoranjitham.S	PCB design & Fabrication	18.02.2017	Bannari Amman Institute of Technology
10.	Lavanya.R	PCB design & Fabrication	18.02.2017	Bannari Amman Institute of Technology
11.	Ashina.A	Android development	17.02.2017	PSG Institute of Technology and Applied Research
12.	Akshaya.N	Android development	17.02.2017	PSG Institute of Technology and Applied Research
13.	Sowmya.R	Android development	17.02.2017	PSG Institute of Technology and Applied Research
14.	Madhumitha.B	Android development	17.02.2017	PSG Institute of Technology and Applied Research
15.	Niheetha.S	Android development	17.02.2017	PSG Institute of Technology and Applied Research
16.	Malarvizhi.S	Android development	17.02.2017	PSG Institute of Technology and Applied Research
17.	Vignesh.L	Embedded system on ARM-7	17.02.2017	PSG institute of Technology
18.	Veera Santhya	Developing lean SaaS using Python	02.10.2017	Kumaraguru college of Technology
19.	Varshinee.V.S	Web development	09.02.2017	Kumaraguru College of Technology
20.	Keerthana.M	Web development	09.02.2017	Kumaraguru College of Technology
21.	Priyadharshini.B	Web development	09.02.2017	Kumaraguru College of Technology
22.	Gowthami.D	Web development	09.02.2017	Kumaraguru College of Technology
23.	Tharini.B	Introduction to advanced Embedded Systems	08.02.2017	Soliton Technologies, Kumaraguru College of Technology
24.	Divyabarathi	Introduction to advanced Embedded Systems	08.02.2017	Soliton Technologies, Kumaraguru College of Technology
25.	Priyadharshini alagiri		08.02.2017	Soliton Technologies,

		Introduction to advanced Embedded Systems		Kumaraguru College of Technology
26.	Keerthana	Introduction to advanced Embedded Systems	08.02.2017	Soliton Technologies, Kumaraguru College of Technology
27.	Mathiyazhagan.A	Introduction to advanced Embedded Systems	08.02.2017	Soliton Technologies, Kumaraguru College of Technology
28.	Vinith.S	Introduction to advanced Embedded Systems	08.02.2017	Soliton Technologies, Kumaraguru College of Technology
29.	Saravanan	Introduction to advanced Embedded Systems	08.02.2017	Soliton Technologies, Kumaraguru College of Technology
30.	Kowsalya	Introduction to advanced Embedded Systems	08.02.2017	Soliton Technologies, Kumaraguru College of Technology
31.	JebelinLydia.S	Map your location	17.12.2016 & 18.12.2016	Coimbatore Institute of Technology
32.	Asha.H	Map your location	17.12.2016 & 18.12.2016	Coimbatore Institute of Technology
33.	BregitLincy.G	Map your location	17.12.2016 & 18.12.2016	Coimbatore Institute of Technology
34.	Sindu.E	Map your location	17.12.2016 & 18.12.2016	Coimbatore Institute of Technology
35.	Saranya.D	Android App Development	08.12.2016	UNIQ technologies, Chennai
36.	Shankari.K	Android App Development	08.12.2016	UNIQ technologies, Chennai
37.	Ashina.A	Android App Development	08.12.2016	UNIQ technologies, Chennai

38.	Haripriya.M	Android App Development	08.12.2016	UNIQ technologies, Chennai
39.	Akshaya.N	Android App Development	08.12.2016	UNIQ technologies, Chennai
40.	Dhiya.M	Recent trends in Physical design and Custom IC design using CADENCE EDA Suite	01.12.2016 & 02.12.2016	Department of EEE, Dr.Mahalingam College of Engineering and Technology
41.	Nandhini.S	Recent trends in Physical design and Custom IC design using CADENCE EDA Suite	01.12.2016 & 02.12.2016	Department of EEE, Dr.Mahalingam College of Engineering and Technology
42.	Deepika.R	Recent trends in Physical design and Custom IC design using CADENCE EDA Suite	01.12.2016 & 02.12.2016	Department of EEE, Dr.Mahalingam College of Engineering and Technology
43.	Haritha.A	Recent trends in Physical design and Custom IC design using CADENCE EDA Suite	01.12.2016 & 02.12.2016	Department of EEE, Dr.Mahalingam College of Engineering and Technology
44.	Malar Vizhi.S	Recent trends in Physical design and Custom IC design using CADENCE EDA Suite	01.12.2016 & 02.12.2016	Department of EEE, Dr.Mahalingam College of Engineering and Technology
45.	Janaki.M	Recent trends in Physical design and Custom IC design using CADENCE EDA Suite	01.12.2016 & 02.12.2016	Department of EEE, Dr.Mahalingam College of Engineering and Technology
46.	ArunBalaji.D	Recent trends in Physical design and Custom IC design using CADENCE EDA Suite	01.12.2016 & 02.12.2016	Department of EEE, Dr.Mahalingam College of Engineering and Technology
47.	SreeVigneshAravind.O	Recent trends in Physical design and Custom IC design using CADENCE EDA Suite	01.12.2016 & 02.12.2016	Department of EEE, Dr.Mahalingam College of Engineering and Technology
48.	Chinnathambi.R.M	Recent trends in Physical design and Custom IC design using CADENCE EDA Suite	01.12.2016 & 02.12.2016	Department of EEE, Dr.Mahalingam College of Engineering and Technology
49.	Karthika.A	Android App Development	30.11.2016	UNIQ technologies, Chennai
50.	Indhu.B	Android App Development	30.11.2016	UNIQ technologies, Chennai
51.	Krishna Priya.S	Android App Development	30.11.2016	UNIQ technologies, Chennai

52.	Saranya.K	Android App Development	30.11.2016	UNIQ technologies, Chennai
53.	Kowsalya.K	Android App Development	30.11.2016	UNIQ technologies, Chennai
54.	Priyadharshini.A	Android App Development	30.11.2016	UNIQ technologies, Chennai
55.	Divyabarathi.A.M	Android App Development	30.11.2016	UNIQ technologies, Chennai
56.	Keerthana.M	Android App Development	30.11.2016	UNIQ technologies, Chennai
57.	Sowmya.S	Android App Development	25.11.2016	UNIQ technologies, Chennai

Paper Presentation

S.No	Student Name	Venue	Date	Recognition / awards received if any
1.	Annal Mahizhini.R	K.S.Rangasamy College of Technology	03.03.2017	Participation
2.	Priyadharshini.S	Info Institute of Engineering	27.02.2017 & 28.02.2017	I prize
3.	Anuvarshini.G.S	Info Institute of Engineering	27.02.2017 & 28.02.2017	I prize
4.	Krishnamoorthi.K	Science Mathematics & Technology, Dr.Mahalingam College of Engineering and Technology	24.02.2017	Participation
5.	Boopathi.R	Science Mathematics & Technology, Dr.Mahalingam College of Engineering and Technology	24.02.2017	Participation
6.	Chitra.N	K.S.Rangasamy College of Technology	23.02.2017	Participation
7.	Jananipreetha.G.R	K.S.Rangasamy College of	23.02.2017	Participation

		Technology		
8.	Karthikeyan.S.V	Karpagam University	21.02.2017	I prize
9.	Karthikeyan.E	Karpagam University	21.02.2017	I prize
10.	Karthikeyan.S.V	Karpagam University	21.02.2017	Participation
11.	Venkatesh.P	Karpagam University	21.02.2017	Participation
12.	Jawahar Shrinath.E	Karpagam University	21.02.2017	Participation
13.	Karthikeyan.S.V	PSG Institute of Technology and Applied Research	17.02.2017	Participation
14.	Karthikeyan.E	PSG Institute of Technology and Applied Research	17.02.2017	Participation
15.	Priyadharshini.D	Kumaraguru College of Technology	11.02.2017	Participation
16.	Kanchana.S	Kumaraguru College of Technology	11.02.2017	Participation
17.	Rudresh Sorna.N.R	Karpagam University	07.02.2017	Participation
18.	Kanaga Durga.S	Karpagam University	07.02.2017	Participation
19.	Pavithra.S	ISA MCET Section, Department of EIE & ICE, Dr.Mahalingam College of Engineering and Technology	20.01.2017	Participation
20.	Karthikeyan.E	ISA MCET Section, Department of EIE & ICE, Dr.Mahalingam College of Engineering and Technology	20.01.2017	II prize
21.	Karthikeyan.S.V	ISA MCET Section, Department of EIE & ICE, Dr.Mahalingam College of Engineering and Technology	20.01.2017	II prize

S.No	Student's Name	Branch and Department	Title of Paper Presented	Organizer and Place of program	Date
1.	Chinnathambi RM Raghlraj C Nandhini S Dhivya M Mohankumar P	BE-ECE	National conference on advancement in smart power Engineering "Energy and area efficient three input XOR/XNOR using systematic cell design methodology"	Karunya University, coimbatore	21.4.2017
2.	Deebika R Naveen kumar B Janaki M Haritha A Anand G	BE-ECE	National conference on advancement in smart power Engineering"High speed and energy efficient carry skip adder"		
3.	Malar Vizhi S Jaya Prakash K Pranesh S Krishna Kumar M Sathyabama P Kalaiselvi S	BE-ECE	National conference on advancement in smart power Engineering"ASIC design of power efficient floating point FFT architecture"		
4.	Dhayalini T Ramprathram S Thilagavathi M Swathiga G	BE-ECE	National conference on advancement in smart power Engineering" Design of implantable dual band microstrip antenna for biomedical applications		
5.	Suruthi S Gowri K Sree Vignesh Aravind O Kalamani C	BE-ECE	National conference on advancement in smart power Engineering" CMOS Implementation of energy efficient ALU"		
6.	Keerthana Devi G Karthik SG Sridevi V Sherine Jenny R	BE-ECE	National conference on communication, Networking, Technology Interventions in Human Resource Development "WIFI based CNC monitoring and controlling"	Jhonsons Institute of technology, coimbatore	3.3.2017

7.	Dinesh P Kiruthika S Kalaivani K Bhuvaneshwari V	BE-ECE	National conference on communication, Networking, Technology Interventions in Human Resource Development" Digital fuel meter and fuel theft detection"		
8.	Sridharan R Rajeswari R Gowtham B Chandra M Sumathi k	BE-ECE	National conference on communication, Networking, Technology Interventions in Human Resource Development "Performance analysis VoIP Integrated wireless LAN and WAN		
9.	Priyanga S Jeffrinamary J Manikandan S Sugirtham M	BE-ECE	National conference on communication, Networking, Technology Interventions in Human Resource Development "Analysis on the impact SIP,IMS and UMTS in multimedia application"		
10	Imayaval BL Gokul R Gowthaman VPS Sherine jenny R	BE-ECE	National conference on communication, Networking, Technology Interventions in Human Resource Development Smart Challan for bank"		
11	Prithivi P Preethi S Sabarinathan M Suganya C	BE-ECE	National conference on communication, Networking, Technology Interventions in Human Resource Development "Design of high speed reed-solomon encoder and decoder"		
12	Priyanga S Jeffrinamary J Manikandan s Sugirtham N	BE-ECE	National conference on communication, Networking, Technology Interventions in Human Resource Development "Analysis on the impact of SIP,IMS and UMTS in multimedia applications"		
13	Kaaviya M Selvakumar T Jayapriya D Jeevitha S Ajikumar K	BE-ECE	National conference on recent trends in embedded system"Alert message system for train passengers"	Avinashilingam Institute for home science and higher education for women, coimbatore	8.4.17
14	Ganga Parameswaari		National conference on recent trends in embedded		

	K Nandhakumar N Meena S Vinoth E		system"Automated Peanut cultivation"		
15	Sriram K Aishwarya K Nivasmytheen M Praveen Kumar R		National conference on recent trends in embedded system"Pouring furnace power monitoring using wireless technology"		
16	Sivaram E Sugunasri P Kosalaivani NT Sivaram N Vinoth E		National conference on recent trends in embedded system"Smart gloves for Deaf-mute"		
17	R.Priyadharshini Sindhuja R Deepikapriya G Pradeepkumar B		National conference on recent trends in embedded system"Design of reversible BCD adder using reversible logic gates"		
18	Sahana S Shobana Devi PS Siddarth KL Amsa Veni G	BE-ECE	Internaional journal of latest transactions in engineering and science" Design of power and delay efficient carry select adder"	Journal	Feb 2017
19	Iswarya M Priyadharshini B Seetha Lakshmi S Seetha Lakshmi V	BE-ECE	4th National level conference on advance in electronics communication & Information technology"Health care system using IOT	Hindusthan Institute of technology, Coimbatore	-
20	Hamsathvani G Arun Balaji D Gowtham G Kalaiselvi S Vijeyakumar KN	BE-ECE	National conference on Advances Micro and Nano electronics"ASIC design of high speed low error in exact multiplier	PSG college of technology, coimbatore	27.4.2017-28.4.2017

21	Aravind JS Nandhini M Prabhakaran T Bharathi S	BE-ECE	IEEE International conference in science, technology, engineering and management"Automatic ticket vending machine"	Kalaignar karunanidhi Institute of technology,Coimbatore	3.3.2017- 4.3.2017
22	Kunkumaagalya M Murugeeswaran D Rudhra S Sudhakar R Reka D	BE-ECE	National conference on recent trends in communication and information technology" Arduino based interactive control system for kitchen"	SSM Institute of engineering and technology	3.3.2017
23	Sowmiya M Nishanth C Selva Kiruba Vs Anbukkarasi K	BE-ECE	International conference on recent trends in engineering, computers, Information technology and applications"Countermeasure against Physical layer attack coginitive radio networks"	PSNA college of engineering and technology,Dindigul	22.3.2017
24	Rambrabha V Pramoth kumar v Vishnuprasanth V Senthil kumar J	BE-ECE	7th International project competition and exhibition "Multipurpose trash collecting and cleaning robot"	Veltech Dr.RR & Dr,SR University,Chennai	10.3.2017
25	Suruthi S Gowri K Sree Vignesh Aravind O Kalamani C	BE-ECE	Engineering trends in electronics, Information and communication technologies"ASIC implementation of energy efficient ALU"	K.S.Rangasamy college of technology, Namakkal	12.4.2017
26	Sangeetha M Vaibhav m Muthumeenakshi V Navaneet krishna S	BE-ECE	National conference on Research and Innovative trends in engineering "Secured authentication in banks using visual cryptography"	M.A.M college of Engineering and technology Trichy,	24.3.2017
27	Samuel Lwrence J Gokulkumar j Pranesh kanna C		National conference on Research and Innovative trends in engineering "IOT based remote control system"		
28	Hari prasanth D Saveetha V		National conference on Research and Innovative trends in engineering "Design of color sensing system for textiles"		

	Dharunah P				
29	Monisha K Santhosh V Pachaiyappan S		National conference on Research and Innovative trends in engineering "patients identification system"		
30	Srinithi G Anitha V Vallaba Shanmathi R		National conference on Research and Innovative trends in engineering "plant disease detection and classification"	M.Kumarasamy college of Engineering	16.2.2017
31	Mohanapriya K Mahalakshmi G Sheeba S		International journal of modern electronics and communication engineering "Vehicle using with sense technology"	ISSN-2321-2152	March2017
32	Anita V Srinithi G Vallabashanmathi R Dr.R.Sudhakar		International conference on innovative computing technologies "Plant disease detection and classification"	M.Kumarasamy college of Engineering	-
33	Naveenkumar R Balaji S Kiruthika P		National conference on emerging trends in Bioelectronics, information and communication technologies"Design of multiband monopole antenna for WLAN and Wi-max application"	K.S.Rangasamy college of tehnology	12.4.2017

Other Co-Curricular

S.No	Student Name	Nature of Activity	Venue	Date	Recognition / awards received if any
1.	Hema.C	Tech & Non-tech event	IEEE student branch (TECHIEMEET-2k17) Dr.Mahalingam College of Engineering and Technology	10.03.2017	Participation
2.	Charumathy.K.C	Tech & Non-tech event	IEEE student branch (TECHIEMEET-2k17) Dr.Mahalingam College of Engineering and Technology	10.03.2017	Participation
3.	Sowmya.S	Tech & Non-tech event	IEEE student branch (TECHIEMEET-2k17) Dr.Mahalingam College of Engineering and Technology	10.03.2017	Participation
4.	Kanchana.S	Quiz	Wisdom Fest 2k17, Wisdom School of management, Gomangalampudur, Pollachi	07.03.2017	Participation
5.	Karthikeyan.E	Paperonics event	Department Association of ECE-Spectrum Dr.Mahalingam College of Engineering and Technology	24.02.2017	Participation
6.	Kalaivani.B	Paperonics event	Department Association of ECE-Spectrum Dr.Mahalingam College of Engineering and Technology	24.02.2017	Participation
7.	Jawahar Shrinath.E	Paperonics event	Department Association of ECE-Spectrum Dr.Mahalingam College of Engineering and Technology	24.02.2017	Participation
8.	Anuvarshini.G.S	Micro Minds	Department Association of	24.02.2017	II prize

			ECE-Spectrum Dr.Mahalingam College of Engineering and Technology		
9.	Anuvarshini.G.S	Mat-Tricks	Department Association of ECE-Spectrum Dr.Mahalingam College of Engineering and Technology	24.02.2017	II prize
10.	Jawahar Shrinath.E	Mat-Tricks	Department Association of ECE-Spectrum Dr.Mahalingam College of Engineering and Technology	24.02.2017	Participation
11.	Priyadharshini.B	Circuitrix	Department Association of ECE-Spectrum Dr.Mahalingam College of Engineering and Technology	24.02.2017	I prize
12.	Karthikeyan.S.V	Technical events	Karpagam University	21.02.2017	Participation
13.	Venkatesh.P	Technical events	Karpagam University	21.02.2017	Participation
14.	Jawahar Shrinath.E	Technical events	Karpagam University	21.02.2017	Participation
15.	Jawahar Shrinath.E	Poster presentation	Karpagam University	21.02.2017	Participation
16.	Venkatesh.P	Poster presentation	Karpagam University	21.02.2017	Participation
17.	Karthikeyan.S.V	Poster presentation	Karpagam University	21.02.2017	Participation
18.	Ashina.A	Yukta event	PSG Institute of Technology and Applied Research	17.02.2017	Participation
19.	Niheetha.S	Yukta event	PSG Institute of Technology and Applied Research	17.02.2017	Participation
20.	Malarvizhi.S	Yukta event	PSG Institute of Technology and Applied Research	17.02.2017	Participation
21.	Madhumitha.B	Yukta event	PSG Institute of Technology and Applied Research	17.02.2017	Participation
22.	Somya.R	Yukta event	PSG Institute of Technology and Applied Research	17.02.2017	Participation
23.	Akshaya.N	Yukta event	PSG Institute of Technology	17.02.2017	Participation

			and Applied Research		
24.	Abishek Karthick.V	Line follower event	Kumaraguru college of Technology	11.02.2017	Participation
25.	Anitha.S	Line follower event	Kumaraguru college of Technology	11.02.2017	Participation
26.	Anitha.S	Zubayr event	Kumaraguru college of Technology	11.02.2017	Participation
27.	Anitha.S	Circuitrix	Kumaraguru college of Technology	11.02.2017	Participation
28.	Saranya.s	Circuitrix	Kumaraguru college of Technology	11.02.2017	Participation
29.	Vivehamithiran	Circuitrix	Kumaraguru college of Technology	11.02.2017	Participation
30.	Rudresh Sorna.N.R	Circuitrix	Kumaraguru college of Technology	11.02.2017	Participation
31.	Jabaseelan Ravi	Circuitrix	Kumaraguru college of Technology	11.02.2017	Participation
32.	Vigneshwaran.V	Circuitrix	Kumaraguru college of Technology	11.02.2017	Participation
33.	Saranya.S	Varthai Vilaiyattu event	Kumaraguru college of Technology	11.02.2017	Participation
34.	Saranya.s	K' Quiz event	Kumaraguru college of Technology	11.02.2017	Participation
35.	Vivehamithiran.T	Techno hunt event	Kumaraguru college of Technology	11.02.2017	Participation
36.	Vigneshwaran.V	Techno hunt event	Kumaraguru college of Technology	11.02.2017	Participation
37.	Vivehamithiran	Techno Jam event	Kumaraguru college of Technology	11.02.2017	Participation
38.	Krishnamoorthi.K	Value Added Course- CMOS Analog IC design Layout techniques	ASIC centre of Excellence Dr.Mahalingam College of Engineering and Technology	13.02.2017 to 17.02.2017	Participation
39.	Boopathi.R	Value Added Course- CMOS Analog IC design	ASIC centre of Excellence Dr.Mahalingam College of	13.02.2017 to	Participation

		Layout techniques	Engineering and Technology	17.02.2017	
40.	Annal Mahizhini.R	Value Added Course- CMOS Analog IC design Layout techniques	ASIC centre of Excellence Dr.Mahalingam College of Engineering and Technology	13.02.2017 to 17.02.2017	Participation
41.	Karthikeyan.E	Project Expo	ISA MCET Section, Department of EIE & ICE, Dr.Mahalingam College of Engineering and Technology	20.01.2017	I prize
42.	Karthikeyan.S.V	Project Expo	ISA MCET Section, Department of EIE & ICE, Dr.Mahalingam College of Engineering and Technology	20.01.2017	I prize
43.	Saranya.S	Value Added Course- CMOS Analog IC design using CADENCE EDA tool &Layout techniques	ASIC centre of Excellence Dr.Mahalingam College of Engineering and Technology	17.12.2016 to 22.12.2016	Participation
44.	Geethapriya.S	Value Added Course – CMOS Analog IC design using CADENCE EDA tool &Layout techniques	ASIC centre of Excellence Dr.Mahalingam College of Engineering and Technology	17.12.2016 to 22.12.2016	Participation
45.	Anitha.S	Value Added Course – CMOS Analog IC design using CADENCE EDA tool &Layout techniques	ASIC centre of Excellence Dr.Mahalingam College of Engineering and Technology	17.12.2016 to 22.12.2016	Participation
46.	Ganagarajesh.G	Value Added Course – CMOS Analog IC design using CADENCE EDA tool &Layout techniques	ASIC centre of Excellence Dr.Mahalingam College of Engineering and Technology	17.12.2016 to 22.12.2016	Participation
47.	Varshinee.V.S	Value Added Course – CMOS Analog IC design using CADENCE EDA tool &Layout techniques	ASIC centre of Excellence Dr.Mahalingam College of Engineering and Technology	17.12.2016 to 22.12.2016	Participation
48.	Gowthami.D	Value Added Course – CMOS Analog IC design	ASIC centre of Excellence Dr.Mahalingam College of	17.12.2016 to	Participation

		using CADENCE EDA tool &Layout techniques	Engineering and Technology	22.12.2016	
49.	Saranyaa.T	Value Added Course – CMOS Analog IC design using CADENCE EDA tool &Layout techniques	ASIC centre of Excellence Dr.Mahalingam College of Engineering and Technology	17.12.2016 to 22.12.2016	Participation

Sports

S.No	Student Name	Event Detail	Date	Award Detail
1.	Jeevitha.D	Taolu player in Taichi-Quan Kumaraguru College of Technology,	26.11.2016 to 27.11.2016	Gold medal
2.	Jeevitha.D	Taolu player in Taichi-Quan Thakur Vishwanath Sahdeo indoor stadium, Ranchi, Jharkhand	25.01.2017 to 30.01.2017	Participant

Placement details 2013-2017 batch- Company wise count.

Sl no	Company name	No of Students
1	INFOSYS LTD	23
2	BURNING GLASS	02
3	GOFRUGAL	01
4	HP	06
5	NTT DATA	11
6	SMARTDV	01
7	TECH MAHINDRA	07
8	AMAZON	01
9	SERVION GLOBAL SOLUTIONS	03
10	INTEL	03
11	SUTHERLAND GLOBAL SOLUTIONS	04
12	FACE	03
13	KGISL	03
14	IDBI FEDERAL LIFE FEDERAL LIFE	10
15	Accel IT	03

Total No of Offers 81*as on 18.04.17

Placement details for the year 2013-2017

S.NO	NAME OF THE STUDENT	ROLL NO	Name of the Company	Name of the Company 2
1	NANDHINI.S	13BEC043	INFOSYS	INTEL
2	MALAR VIZHI.S	13BEC035	NTT DATA	INTEL
3	HAMSATHVANI.G	13BEC039	INFOSYS	INTEL
4	SEETHA LAKSHMI.S	13BEC041	NTT Data	HP
5	GOWTHAM.B	13BEC063	NTT Data	HP
6	HARITHA.A	13BEC073	NTT Data	HP
7	PRIYADHARSHINI.B	13BEC089	NTT Data	HP
8	KAAVIYA.M	13BEC099	NTT Data	HP
9	NANDHINI.M	13BEC001	INFOSYS	
10	DINESH.P	13BEC003	IDBI FEDERAL LIFE FEDERAL LIFE	

11	ARUN BALAJI.D	13BEC007	NTT Data	
12	SRIRAM.K	13BEC011	IDBI FEDERAL LIFE FEDERAL LIFE	
13	PRABHAKARA N.T	13BEC015	IDBI FEDERAL LIFE FEDERAL LIFE	
14	GOWTHAM.G	13BEC019	IDBI FEDERAL LIFE FEDERAL LIFE	ACCEL IT
15	JAYA PRAKASH.K	13BEC025	NTT Data	
16	CHINNATHAM BI.R M	13BEC027	SUTHERLAND GLOBAL SOLUTIONS	
17	RAJESWARI.R	13BEC033	FOCUS ACADEMY FOR CAREER ENHANCEMENT	
18	PRIYANGA.S	13BEC037	INFOSYS	
19	KALAIVANI.K	13BEC045	INFOSYS	
20	RAMPRABHA.V	13BEC047	TECHMAHINDRA	
21	DEEPIKA.R	13BEC049	SERVION GLOBAL SOLUTIONS	
22	KUNKUMAAGA LYA.M	13BEC051	INFOSYS	
23	KARTHIK S.G	13BEC057	KGISL	
24	SHAHANA.S	13BEC059	NTT DATA	
25	SRIDEVI.V	13BEC061	NTT DATA	
26	NANDHAKUMA R.N	13BEC069	SERVION GLOBAL SOLUTIONS	
27	SURUTHI.S	13BEC071	TECHMAHINDRA	
28	DHAYALINI.T	13BEC075	INFOSYS	
29	NISHANTH.C	13BEC077	TECHMAHINDRA	
30	THILAGAVATH I.M	13BEC079	SUTHERLAND GLOBAL SOLUTIONS	
31	ARAVIND.J S	13BEC081	SERVION GLOBAL SOLUTIONS	
32	SHOBANADEVI .P S	13BEC085	INFOSYS	
33	SREE VIGNESH ARAVIND.O	14BEC313	KGISL	

34	RUDHRA.S	14BEC315	IDBI FEDERAL LIFE FEDERAL LIFE	ACCEL IT
35	MANIKANDAN.S	14BEC336	IDBI FEDERAL LIFE FEDERAL LIFE	
36	SABARISH G RAGUNATHAN	13BEC004	KGISL	
37	JANANI.T	13BEC006	HP	
38	MANOJ.S	13BEC010	INFOSYS	
39	KARTHI KEYAN.N	13BEC012	FOCUS ACADEMY FOR CAREER ENHANCEMENT	
40	MAHA LAKSHMI.G	13BEC014	INFOSYS	
41	GOKULA KRISHNAN.T	13BEC016	SUTHERLAND GLOBAL SOLUTIONS	
42	PRITHIVI.P	13BEC020	INFOSYS	
43	HARITHA.S	13BEC022	TECH MAHINDRA	
44	NAVANEET KRISHNA.S	13BEC024	INFOSYS	
45	NAVEEN KUMAR.R	13BEC028	AMAZON	
46	PREETHI.S	13BEC030	INFOSYS	
47	SAVEETHA.V	13BEC032	INFOSYS	
48	RAMYA.V	13BEC034	TECH MAHINDRA	
49	ANITHA.V	13BEC036	INFOSYS	
50	BHUVANESHWAR RAM.N	13BEC040	INFOSYS	
51	KIRUTHIKA.P	13BEC042	FOCUS ACADEMY FOR CAREER ENHANCEMENT	
52	SHEEBA.S	13BEC044	INFOSYS	
53	BALAJI.M	13BEC050	INFOSYS	
54	SAMUEL LAWRENCE.J	13BEC052	BURNING GLASS	
55	SANGEETHA.S	13BEC054	SMARTDV	

56	KOSALAI VANI.N.T	13BEC056	NTT DATA	
57	SUKANYA.S	13BEC060	INFOSYS	
58	IMAYAVAL.B.L	13BEC064	INFOSYS	
59	MOHANA PRIYA.K	13BEC066	TECH MAHINDRA	
60	SUGUNA SRI.M.P	13BEC068	TECH MAHINDRA	
61	GOKUL KUMAR.J	13BEC070	INFOSYS	
62	SABITHA.K	13BEC072	BURNING GLASS	
63	VAIBHAV MUTHU MEENAKSHI.M	13BEC088	GOFRUGAL	
64	SRINIDHI.G	13BEC090	INFOSYS	
65	PRITHIVI.D	14BEC304	IDBI FEDERAL LIFE FEDERAL LIFE	
66	GOWTHAMAN. V.P.S	14BEC308	IDBI FEDERAL LIFE FEDERAL LIFE	
67	SANTHOSH.P	14BEC310	IDBI FEDERAL LIFE FEDERAL LIFE	
68	SAM SANTHOSH RAJA.M	14BEC316	IDBI FEDERAL LIFE FEDERAL LIFE	
69	HARI HARA SUDHAN.M	14BEC325	SUTHERLAND GLOBAL SOLUTIONS	
70	SHEELA.N	14BEC404	INFOSYS	
71	GOKUL.R	13BEC038	ACCEL IT	

The Team

Roll No.	Post	Name & Year
13BEC062	President	Selvan.P.Venkat Ruban, Final ECE
13bec041	Vice President	Selvi. Seethalakshmi, Final ECE
14BEC096	Secretary	Selvan.G.Ganagarajesh, Third ECE
14BEC073	Joint-Secretary	Selvi.K.Sakthi, Third ECE
14BEC066	Executive Member	Selvan.S.Arravindh, Third ECE
13BEC072	Executive Member	Selvi.K.Sabitha, Final ECE

Office Bearers:

S.No	Roll No.	Name & Year
1	13BEC088	Selvi.M.Vaibhav Muthu Meenakshi, Final ECE
2	14BEC089	Selvan.K.Manikandan, Third ECE
3	14BEC050	Selvi.S.Jeya Bharathi, Third ECE
4	15BEC341	Selvan.N.Nallamuthu, Third ECE
5	14BEC084	Selvan.K.Jebaseelan Ravi, Third ECE
6	14BEC067	Selvi.Swathi. N, Third ECE
7	14BEC037	Selvi.J.Lakshmi , Third ECE
8	14BEC007	Selvan.N.Singaram, Third ECE
9	14BEC039	Selvan.R.Gokulnaath, Third ECE
10	14BEC091	Selvi.S.Mayuri, Third ECE
11	15BEC052	Selvi.Shurithi. R, Second ECE
12	15BEC078	Selvan.Harihara Akash R, Second ECE
13	15BEC043	Selvi.N.Jayashree, Second ECE
14	15BEC029	Selvi.R.Veera Santhya, Second ECE
15	15BEC066	Selvi.R.Keerthana, Second ECE

Editorial Team:

S.No	Roll No.	Name & Year
1	13BEC043	Selvi.S.Nandhini, Final ECE
2	14BEC056	Selvi.M.Keerthana, Third ECE
3	14BEC058	Selvi.Saranyaa.T, Third ECE
4	14BEC064	Selvan.T.Vivehamithiran, Third ECE
5	15BEC019	Selvi.B.Tharini, Second ECE
6	15BEC063	Selvi.K.Kowsalya, Second ECE
7	15BEC041	Selvi.Nivashini R, Second ECE
8	15BEC072	Selvan. Mohammed Inamul Hasan, Second ECE

SPECTRUM ACTIVITIES

S.no	Date	Events
1	04.01.17	Guest Lecture on ""**Latest Lighting Technologies in Industry & BHEL Electronics Retro Fitting**" by **Dr.R. Kevin Ark Kumar** M.Tech.,Ph.D.,C.Eng(I), **Senior Engineer,** BHEL, Trichy.
2	24.02.17	**SPECTRE 2K17** an intra-departmental competition for circuit streams.
3.	03.03.17	Public speaking
4.	06.03.17	Saturday science
5.	14.03.17	Technical **Quiz competition** for 1st years
6.	23.03.17	Technical symposium **Varnam**- Techno wizard
7.	05.04.17	Senior Interaction
8.	13.04.17	Valediction of Association followed by a Guest Lecture on "**What is the role of fresher graduates for product design & testing methods**" by **Mr.K.S.Umashankar** M.D (**Proprietor**) , Aishwarya Enterprises, Coimbatore.

"SPECTRUM" the Association of Electronics and Communication, on behalf of our Department conducted a guest lecture on **"Latest Lighting Technologies in Industry & BHEL Electronics Retro Fitting***"* by **Dr.R. Kevin Ark Kumar** M.Tech.,Ph.D.,C.Eng(I), **Senior Engineer,** BHEL, Trichy for our department 2nd & 3rd year students on *04. 01. 2017 afternoon* at CS Hall.
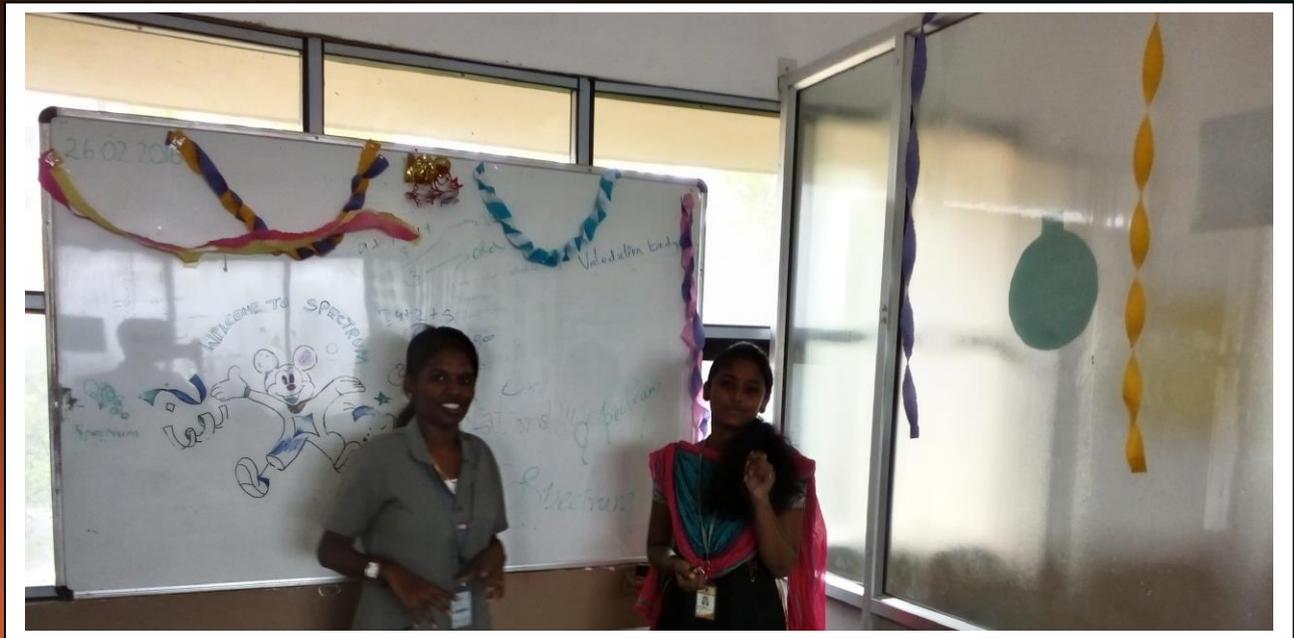
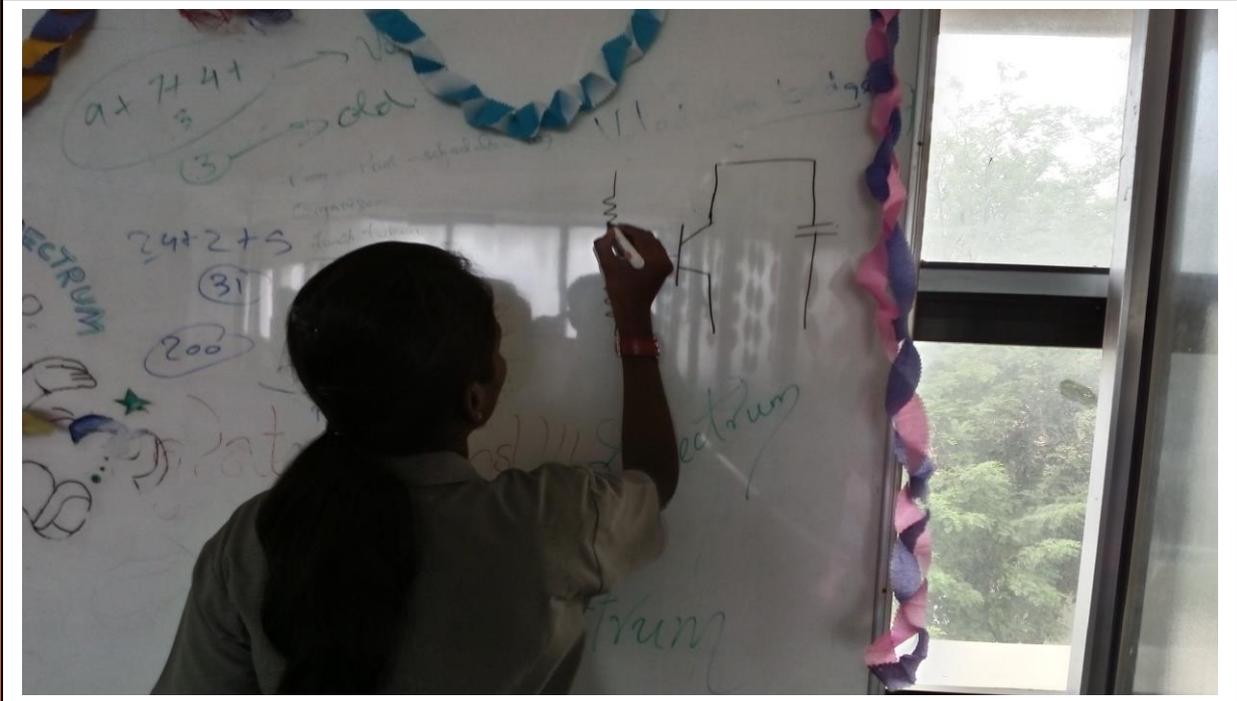 *"SPECTRUM"* the Association of Electronics and Communication, on behalf of our Department conducted a *"SPECTRE 2K17"* intra-departmental competition, a full day event for circuit stream of 2nd & 3rd years on *24. 02. 2017*.

"SPECTRUM" the Association of Electronics and Communication, on behalf of our Department conducted a *"Public Speaking"* as a daily session (1:10-1:45pm) for 1st,2nd & 3rd years at Spectrum cabin (C327-B).

"SPECTRUM" the Association of Electronics and Communication, on behalf of our Department conducted ―Saturday science as an activity of developing student's core knowledge for 2nd & 3rd years at spectrum cabin (C327-B).

"SPECTRUM" the Association of Electronics and Communication, on behalf of our Department conducted a Technical *QUIZ* competition for 1st years on *14.03.2017* at Electrical Seminar hall.

"SPECTRUM" the Association of Electronics and Communication, on behalf of our Department conducted a *"TECHNO WIZARD"* event during *VARNAM* for intra college students on **23.03.2017.**

"SPECTRUM" the Association of Electronics and Communication, on behalf of our Department conducted a *"SENIOR INTERACTION"* for 2nd years on 05.04.2017.

"SPECTRUM" the Association of Electronics and Communication, on behalf of our Department conducted a guest lecture on **"What is the role of fresher graduates for product design & testing methods"** by **Mr.K.S.Umashankar M.D (Proprietor)**, Aishwarya Enterprises, Coimbatore for our department 2nd & 3rd year students on ***13. 04. 2017 afternoon*** at CS Hall.

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