

State the Vision and Mission of the Department and Institute

Vision and Mission of the Institute

VISION

- ❖ To become a globally recognized Institution in Engineering Education, Research and Entrepreneurship.

MISSION

- ❖ Accomplish quality education through improved teaching learning process.
- ❖ Enrich technical skills with state of the art laboratories and facilities.
- ❖ Enhance research and entrepreneurship activities to meet the industrial and societal needs.

Vision and Mission statements of the Department

VISION

- ❖ To produce globally competitive Electronics and Communication Engineers and Entrepreneurs with ethical values.

MISSION

- ❖ Impart quality education through student centric teaching and learning process.
- ❖ Equip students with Industry driven skills by providing excellent Infrastructure and continuous interaction with academia and Industry.
- ❖ Empower students towards research, entrepreneurship and lifelong learning to meet societal needs.

State the Program Educational Objectives (PEOs)

PEOs of ECE Department

PEO	Keywords	Description
PEO 1	Core Competency	Graduates will have strong foundation in Engineering, Science and Technology for a successful career in Electronics and Communication Engineering.
PEO 2	Professionalism	Graduates will have effective communication skills, interpersonal skills and ethical values to exhibit professionalism in multidisciplinary environment.
PEO 3	Higher studies and Entrepreneurship	Graduates will pursue professional development through higher studies and have entrepreneurial attitude to address technological changes and societal needs.

Program Specific Outcomes (PSO)

PSO1: Embedded system design: Graduates will be able to analyze, design, construct and test electronic and embedded systems for desired specification.

PSO2 : Simulation Tools: Graduates will be able to solve emerging real world problems using suitable hardware and software tools.

Program Outcome for Electronics and Communication Engineering

PO 1: Engineering Knowledge: Apply knowledge of mathematics, science and engineering principles to solve problems in the domain of Electronics and Communication Engineering.

PO 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.

PO 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.

PO 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.

PO 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.

PO 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.

PO 7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge and need for sustainable development.

PO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO 9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO 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.

PO 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.

PO 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.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication with its cohesive team of faculty members, offers a sound programme at the UG level. Through curriculum, projects, forum and various clubs we meet the growing demands and the changing trends of the software industry and research laboratories.

The department of ECE is equipped with the best of resources to enrich the bloodline of the department ensuring high quality education to the students. The department has spacious laboratories, class rooms, staff rooms, and well stacked department library. The department has more than **120 computers** with the state of the art facilities. All the computers are installed with latest software supporting the recent advancements in the real time applications. The list of software includes MATLAB, Xilinx, Microwind, NetSim, NS2, OPNET, ModelSim, Multisim etc. The laboratories are fully equipped with latest equipment.

All the faculty and students are encouraged and sponsored to attend Winter / Summer programmes to upgrade & update the current trends in technological advancements.



MESSAGE FROM PRINCIPAL

Dr.M.Venkatesan, M.E.,Ph.D.,
Principal

Today, we are witnessing a world with a human population of over **7.50 billion** needing food, water, shelter, education, employment and good health. It is also foreseen that future generations across the planet will face greatest challenges in having these needs fulfilled. Inventions and innovations in engineering have constantly provided us with a quality of life generating new ways of solving problems and engineering is always on the run to keep pace with the ever changing complex world.

Aligned with this philosophy, KSR institute for engineering and technology was started in the year 2011 with a vision to meet the needs of a futuristic society through technology. The institute has grown over the years in pursuit of this vision and crossed several milestones of excellence. This has become possible only due to continued patronage of the magnanimous management, tireless efforts of its experienced, qualified faculty and staff members and worthy contributions of its dedicated students and alumni.

MESSAGE FROM HOD

Dr.R. Nandakumar M.E.,Ph.D.,
Head of the Department/ECE

The ECE department at KSR has been setting exemplary standards since its inception and is well on course to continue the tradition for years to come. It is an honour to represent this department as its HOD and be an integral part of its endeavours. The department strongly believes in the ability of its students to leave a global footprint, assisted by a highly qualified pool of professors. The students are encouraged to take up challenging projects involving embedded systems, VLSI, DSP, image processing and to publish their work in various journals. Students are bred to follow a philosophy that does not set boundaries to their ability to learn and the same has been established through their contribution to various researches. The department puts strong emphasis on imparting practical education by carefully administering proper lab work to complement their theoretical knowledge.

INSPIRATION OF THE CENTURY

Albert Einstein

Albert Einstein has been the subject of, or inspiration for, many works of popular culture. On Einstein's 72nd birthday on March 14, 1951, United Press photographer Arthur Sasse was trying to persuade him to smile for the camera, but having smiled for photographers many times that day, Einstein stuck out his tongue instead. This photograph became one of the most popular ever taken of Einstein, often used in merchandise depicting him in a lighthearted sense. Einstein enjoyed this photo and requested UPI to give him nine copies for personal use, one of which he signed for a reporter. On June 19, 2009, the original signed photograph was sold at auction for \$74,324, a record for an Einstein picture

Einstein is a favorite model for depictions of mad scientists and absent-minded professors; his expressive face and distinctive hairstyles have been widely copied and exaggerated. *Time* magazine's Frederic Golden wrote that Einstein was "a cartoonist's dream come true."

"Einstein" has become a word used to describe someone extremely intelligent; the name is also applied sarcastically to someone who states the obvious or displays a lack of intelligence or insight. Einstein has also been the subject of many quotes that have especially become popular in the internet age and are falsely attributed to him, including "the definition of insanity". In 1999, leading physicists voted Einstein the "greatest physicist ever".

His birthday, March 14, is also Pi Day, so called because 3/14 corresponds to 3.14, the first three digits of the number Pi. The town of Princeton, New Jersey, where Einstein lived for more than 20 years, celebrates March 14 every year as "Princeton Pi Day and Einstein Birthday Party." The children's television show *Little Einsteins* and the educational toys and videos of the Baby Einstein series both use Einstein's name, though not his image. Iranian cartoonist and humorist Javad Alizadeh publishes a column titled "4D Humor" in his Persian monthly *Humor & Caricature*, which features cartoons, caricatures and stories on Einstein-related topics. In 1991 he published in Persian "4D Humor", a comic book on Einstein's life and work, inspired mainly by the Theory of Relativity.

Einstein bequeathed his estate, as well as the use of his image (see personality rights), to the Hebrew University of Jerusalem, which from the mid-1980s has sponsored the Einstein Papers Project with the Princeton University Press. Einstein actively supported the university during his life and this support continues with the royalties received from licensing activities.

GreenLight licences the commercial use of the name "Albert Einstein" and associated imagery and likenesses of Einstein, as agent for the Hebrew University of Jerusalem. As head licensee the corporation can control commercial usage of Einstein's name and theoretically ensure compliance with certain standards (e.g., when Einstein's name is used as a trademark, the

There is a persistent popular belief that Einstein was left-handed, but there is no evidence that he was, and the belief has been called a myth. Einstein wrote with his right hand and authoritative sources state flatly that he was right-handed. An autopsy on Einstein's brain showed a symmetry between the two hemispheres, rather than a left-sided dominance as is typical of most right-handed people or a right-sided dominance as found in most left-handed people.

Einstein has been the subject of or inspiration for many novels, films and plays, such as Steve Martin's comedic play *Picasso at the Lapin Agile*. He was the subject of Philip Glass's 1976 opera *Einstein on the Beach*, and his humorous side is the subject of Ed Metzger's one-man play *Albert Einstein: The Practical Bohemian*. He features prominently in Daniel Kehlmann's

Einstein was portrayed by Ludwig Stössel in the 1947 film *The Beginning or the End*.

He was the subject (along with Arthur Eddington) of the BBC Two film *Einstein and Eddington*, featuring David Tennant as Eddington and Andy Serkin as Einstein, and detailing Einstein's development of his theories and Eddington's attempts to prove them and in Yahoo Serious's intentionally inaccurate biography of Einstein as an Australian in the film *Young Einstein*, although the movie is fictionalized.

An Einstein-like character appears in Nicolas Roeg's 1985 film *Insignificance*. Set in New York in 1953, the film includes a scene in which "The Professor" (played by Michael Emil) the character evidently representing Albert Einstein, discusses Relativity with "The Actress" (Theresa Russell), a Marilyn Monroe-like character.

Einstein was portrayed by Walter Matthau in the 1994 romantic comedy *I.Q.* In the 2001 film *A.I.: Artificial Intelligence*, he was portrayed as a holographic personality called Dr. Know (voiced by Robin Williams).

The 2009 film *The Nutcracker in 3D* includes a character named Uncle Albert who resembles Einstein, speaks with a German accent, and recites Albert Einstein quotes, but is never explicitly identified as Einstein. The *Star Wars* character Yoda's eyes were modeled after Einstein's. In the movie *Back to the Future*, the character of Dr. Emmett 'Doc' Brown, played by actor Christopher Lloyd and portrayed as a brilliant scientist, time traveler and inventor, has a dog called "Einstein", named after Brown's favorite scientist, as well as bearing a superficial resemblance to him. Lloyd also credited Einstein as being his inspiration for the character

In the 2011 film, *Transformers: Dark of the Moon*, the Autobot character known as Que sports an Einstein-inspired head design, including his wild hairstyle, dapper mustache, and eyes. However, his accent is often confused for being German because of these similarities. Like his G1 counterpart and Einstein alike, he is one of the most intelligent members of his team, and is an accomplished scientist and inventor. However, his onscreen name "Que" was derived from Professor Q, a James Bond character, who also inspired Wheeljack/Que's overall character. Albert Einstein's handwriting has been digitised as a font in an art project by typographer Harald Geisler and dancer Elizabeth Waterhouse.

TECHNOLOGY EXPERTISE ZONE

FIBER OPTIC COMMUNICATION

For transmission of large amount of data fibre optic communication is the perfect choice. This type of communication is used to transmit data over long distances over the computer network. This technology converts electronic signals into light signals and the signals are transmitted through the optical fibres. It is a very good choice for your M.Tech thesis project. Thesis help in this topic can be taken from professionals in this topic. Some of the characteristics of this type of communication are:

- High bandwidth
- Long distance communication
- Less electromagnetic interference
- Transmission Security

Unlike other form of communication, in fibre optics, the communication takes place in the form of light signals. The transmitter receives input in the form of electrical signals which are converted into light signals using a light source like LED and laser. The light signal is transmitted using optic fibre cable to the receiver where it is converted back into electric signals. The receiver consists of a photo detector that measures the frequency of the optic field. The wavelength near to the infrared is used for communication.

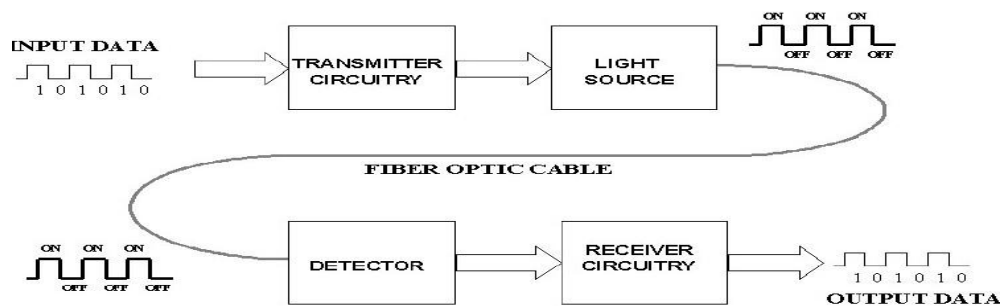


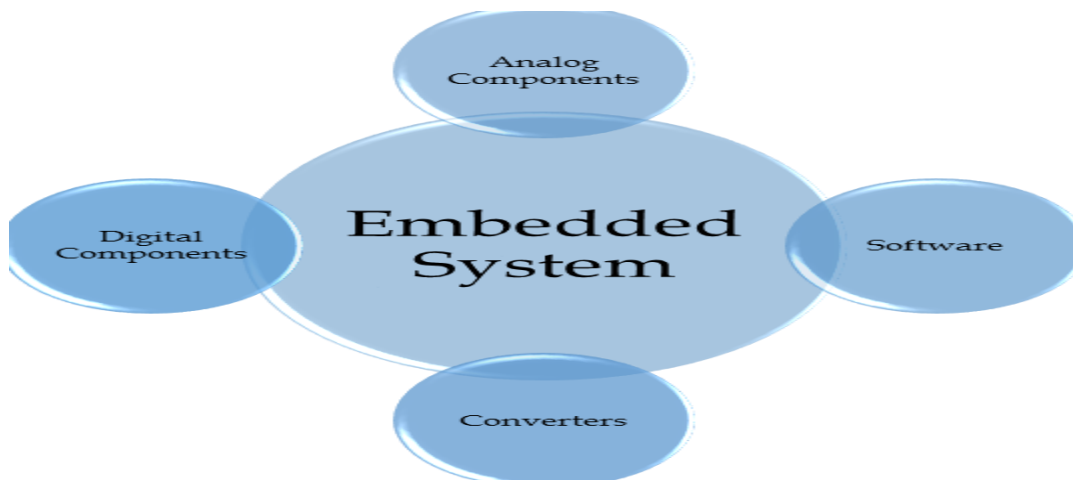
Photo detector - A photo detector is a device that converts light signals into electric signals. Two types of photo detectors mainly used in fibre optic communication are PN photodiode and avalanche photodiode.

TECHNOLOGY EXPERTISE ZONE

EMBEDDED SYSTEM

Embedded Systems are the type of physical hardware systems with software embedded in that. This system is microprocessor or microcontroller-based and can be independent or can be a part of larger system. This system is specifically designed to perform some tasks. It is a hot topic for thesis, project and for seminar. Following are the three components of embedded systems:

- Hardware
- Software
- Real-Time Operating System



Characteristics of Embedded Systems

The characteristics of the embedded systems are:

- **Single Functionality** - Embedded Systems are specifically designed to perform a single task.
- **Tightly Constrained** - Embedded Systems are based on constraints like design, cost, size, and power.
- **Reactive** - Embedded Systems are reactive in nature i.e. they instantaneously react to any changes in nature.
- **Based on microprocessor** - Embedded Systems are microprocessor and microcontroller based.
- **Memory** - These systems have ROM(Read Only Memory) embedded in that as there is no need of secondary memory.
- **Connectivity** - These systems have peripherals connected to them for input and output.

TECHNOLOGY EXPERTISE ZONE

NANOELECTRONICS

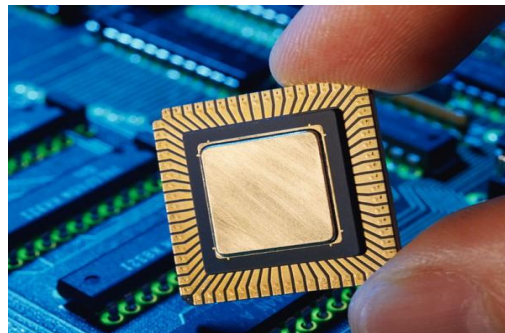
Nanoelectronics is a field that deals with the use of nanotechnology in electrical components. On the other hand, nanotechnology is a branch of engineering that deals with the matter at an atomic and molecular level. Nanoelectronics more or less is based on the transistors. The transistors used here have size lesser than 1000 nanometers. These are so small that there is separate study to understand the inter atomic interactions as well as quantum mechanical properties. These transistors are designed through nanotechnology and are very much different from the traditional transistors.

The work that a nanoelectronic device can do depends upon its size. With increase in volume, the power of the device will increase. The development in this field is in progress as there are some limitations of it when used in real world.

Different approaches to nanotechnology

The different approaches to nanotechnology are:

- Nanofabrication
- Nanomaterials Electronics
- Molecular Electronics
- Nanoionics
- Nanophotonics



VLSI (Very Large Scale Integration)

VLSI is a process to create Integrated Circuits(IC) by combining together thousands of transistors on a single chip. Microprocessor is an example of VLSI. Before the development of VLSI, the Integrated Circuits had limited functionality and performance. VLSI gives the ability to add CPU, RAM, ROM and other such functions on a single chip. Due to this, the electronics industry has recorded a commendable growth.



- **Problem Specification** – In this step, various parameters are studied like size, cost, performance and functionality.
- **Architecture** – In this step, specifications like floating point unit, ALU, RISC/CISC and cache size are studied.
- **Functional Design** – The functional unit along with the input and output are defined in this step using a block diagram.
- **Logical Design** – The main logic of the system is designed at this step. Other developments in this step include boolean expression, register allocation, control flow and word width.
- **Design of the Circuit** – The circuit is designed after the logical design by the use of gates and transistors.
- **Physical Design** – The complete layout of the system is designed at this step through geometrical representation.
- **Packaging** – The final product is obtained after putting together all the chips into a single printed circuit board.

OLED(Organic Light Emitting Diode)

OLED is a type of LED(Light Emitting Diode) with a small change that the component that produces light is made up of a thin layer of organic compounds. This organic semiconductor layer is situated between the two electrodes. It is mainly used for flat panel displays, mobile devices, and smartphones. There are two types of OLEDs :

- Based on small molecules
- Using polymers

Working of OLEDs

Organic LED work almost in the same way as traditional LEDs with some changes. In this instead of n-type and p-type semiconductors, organic molecules are used to produce electrons and holes. There are 6 layers of OLED. The top layer is known as the seal while the bottom layer is called the substrate. There are two terminals between the top and the bottom layers - anode(positive terminal) and cathode(negative terminal). In between these terminals, there are the organic layers one is the emissive layer and the other one is the conductive layer.

A voltage is connected to the anode and the cathode. Electricity starts flowing and the cathode starts receiving electrons while the anode starts losing them. As the electrons are added, the emissive layer starts becoming negatively charged while the conductive layer starts becoming positively charged.

Advantages of OLEDs

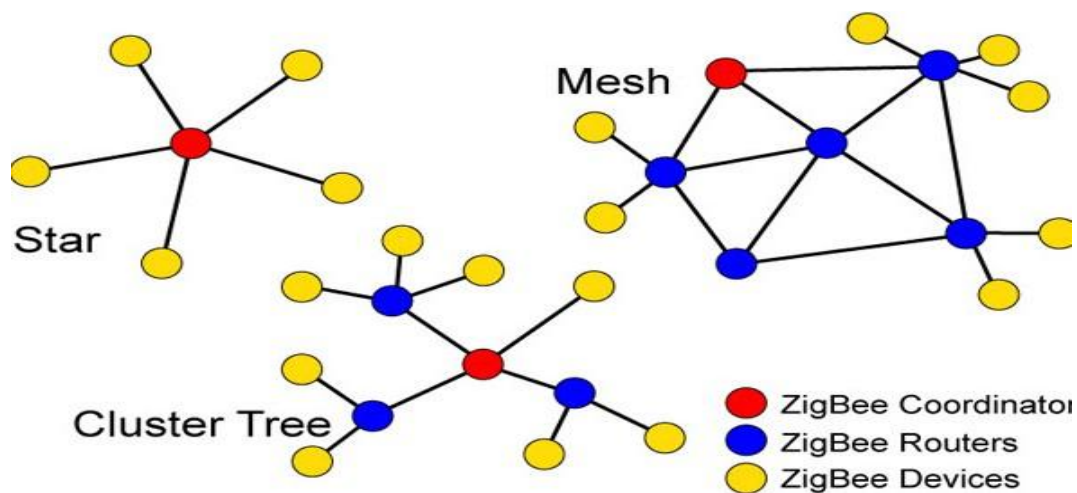
- These are superior to LCDs.
- These are thinner, lighter and flexible.
- The respond time is faster.
- They produce true colors with better viewing angle.

Disadvantages of OLEDs

- These have comparatively less life time than the LCDs.
- The organic molecules degrade over the time.
- These are very sensitive to water.

ZIGBEE TECHNOLOGY

ZigBee is an IEEE 802.15.4 based communication system designed for wireless personal area network. This standard allows the physical and media access control layer (MAC) to handle various devices at a very low-data rate. The main characteristics of this technology are that it is low powered and low cost. It controls and manages application within a range of 10-100 metres. Moreover, it is less expensive than the Bluetooth and Wifi.



Architecture of Zig Bee

This system consists of the following three devices:

- ZigBee Coordinator
- Router
- End Device

The ZigBee coordinator acts as the bridge and the root of the whole network. It handles and stores the information by performing some data operations. The ZigBee routers are the intermediary device that allows data to pass to and from other devices. The end device communicates with the parent node.

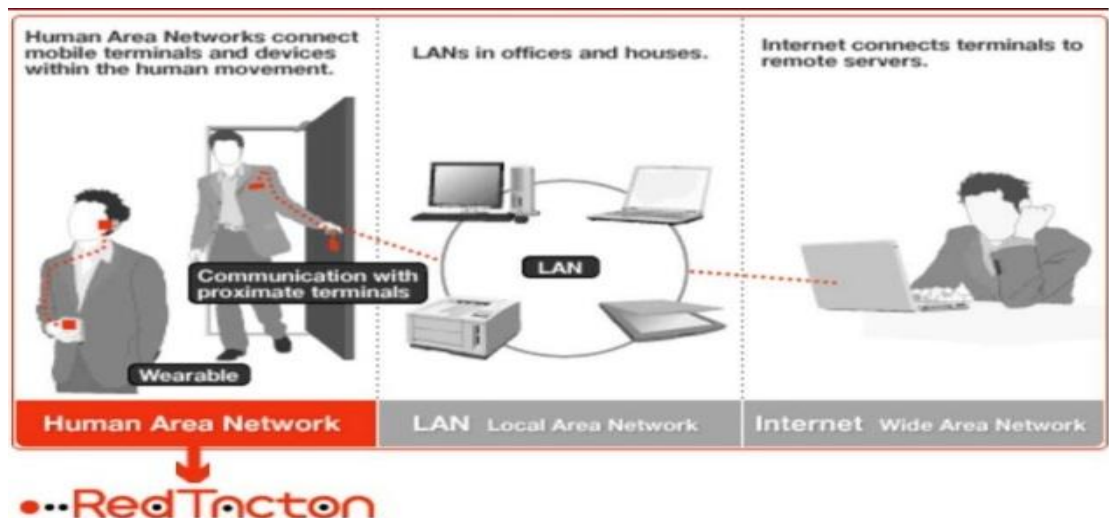
HUMAN AREA NETWORK

Human Area Network is a wireless network also referred to as Red Tacton that uses the human body as a medium for high-speed transmission. It is different from other wireless and infrared technologies in the sense that it uses tiny electric field emitted on the surface of the human body.

The human body forms a transmission path whenever a part of it comes into contact with the Red Tacton transceiver. Body surface can be hands, legs, arm, feet or face. It can work through clothes and shoes. Whenever the physical contact between the transceiver and the human body is lost, communication ends.

It has the following three main features:

- The communication can be triggered by human movements like touching, gripping, walking, sitting, and stepping for obtaining data.
- The transmission speed is not depleted when many people are communication at the same time as the transmission path is human body surface.
- Conductors and dielectrics can be used along with the human body.



Human Area Network

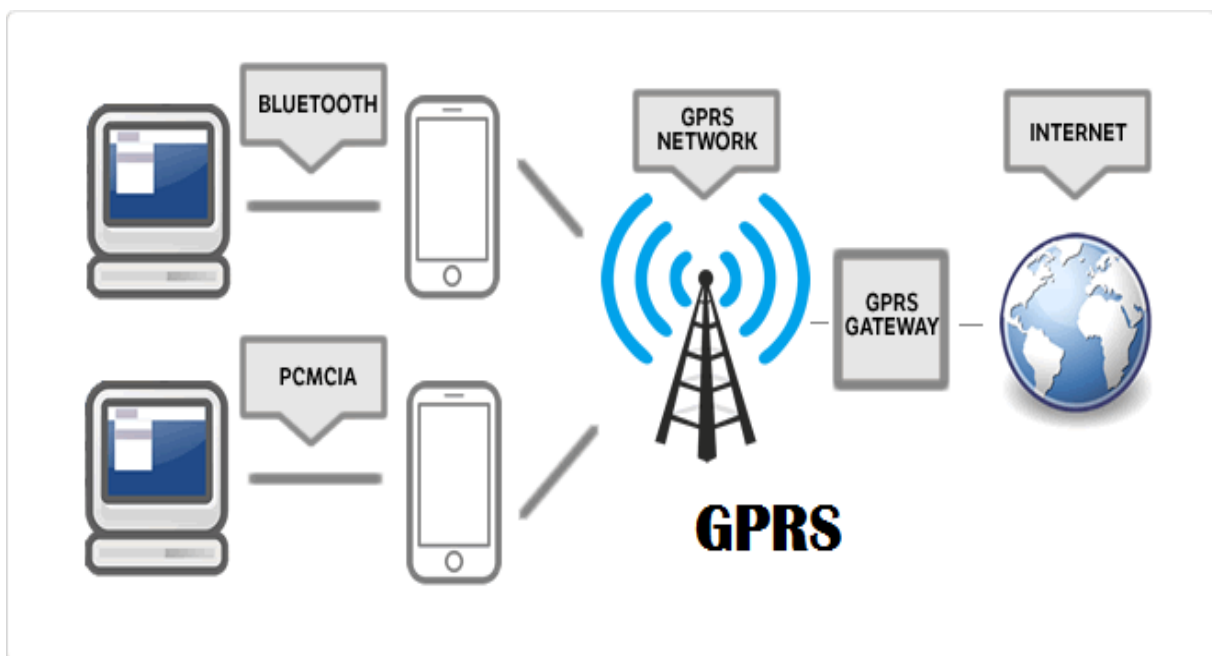
TECHNOLOGY EXPERTISE ZONE

GPRS

GPRS stands for General Packet Radio Services. It is a packet-based service for 2G and 3G mobile communication. It is standardized under European Telecommunications Standards Institute (ETSI). It provides higher data rates for Internet on mobile phones. It is based on GSM(Global System for Mobile) communication and provides additional services on circuit-switched connections and Short Message Service(SMS). It is another popular topic for final year project, thesis, and seminar.

GPRS has the following main features:

- It has lesser cost than the circuit-switched services as the communication channels are shared.
- It provides variable throughput and latency.
- It provides data rates of 56-114 kbps.
- It supports IP, PPP, and X.25 packet-based protocol.



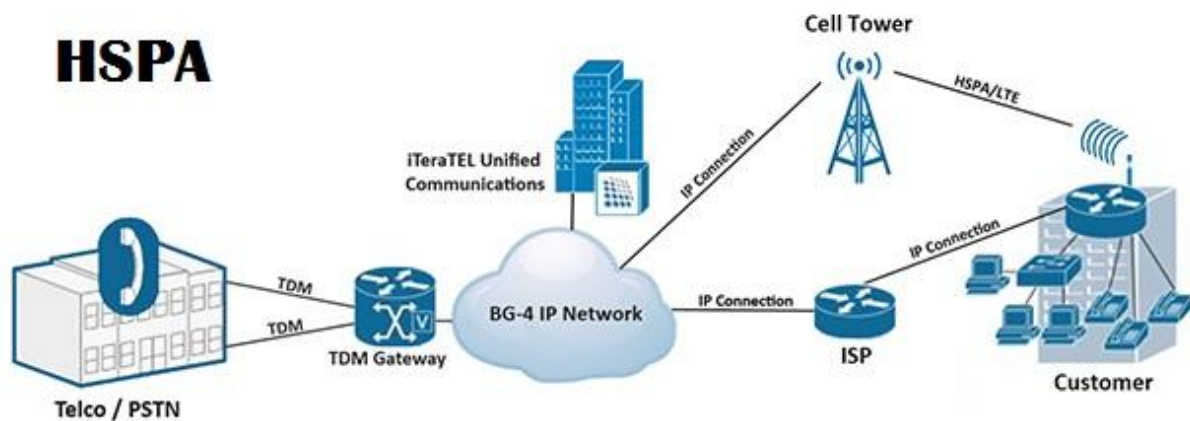
HSPA

It stands for High-Speed Packet Access. It is a combination of two technologies named HSDPA and HSUPA for uplink and downlink. This provides high-speed data access. It can provide download speed up to 384 kbps. It uses WCDMA protocols and improves the performance of the existing 3G mobile communication.

Components of HSPA

Following are the two main components of HSPA providing a link between the base station and the user:

- **HSDPA(High-speed Downlink Packet Access)** – HSDPA is used to provide support for packet data and a data rate of 14 Mbps. Also, it helps in reducing delays.
- **HSUPA(High-speed Uplink Packet Access)** – It also provides data support with improved features along with data rate of 5.74 Mbps.



Benefits of HSPA

- It uses a shared channel for transmission which provides a great level of efficiency.
- To maximize the channel usage, link adaption is used.

TECHNOLOGY EXPERTISE ZONE

IMPORTANT WEBSITES

<http://www.engineering.com/>

<http://www.efunda.com/home.cfm>

<http://www.engineeringtoolbox.com/>

<http://www.howstuffworks.com/>

<http://www.eng-tips.com/>

<http://www.discoverengineering.org/>

<http://www.fun-engineering.net/>

<http://www.manufacturingiscool.com/>

<http://pbskids.org/designsquad/>

<http://www.futuresinengineering.com/>

<http://www.engineeryourlife.org/>

<https://www.indiabix.com/>

www.knowafest.com

<http://www.ece.org/>

<http://www.mathworks.in/products/matlab/>

<http://www.opencircuitdesign.com>

<http://www.nptel.iitm.ac.in>

<http://www.engineering.carrers360>

TECHNOLOGY EXPERTISE ZONE

COMPANIES FOR EC ENGINEERS

- ✚ ISRO -Indian Space Research Organization
- ✚ BEL -Bharat Electronics Limited
- ✚ ECIL -Electronics Corporation India Limited
- ✚ DRDO -Defense Research and Development Organization
- ✚ BSNL JTO -Bharat Sanchar Nigam Limited Junior Telecom Officers
- ✚ SAIL -Steel Authority of India Limited
- ✚ GAIL -Gas Authority of India Limited
- ✚ HAL -Hindustan Aeronautics Limited
- ✚ NTPC -National Thermal Power Corporation
- ✚ ONGC -Oil and Natural gas Commission Limited
- ✚ Bharat Sanchar Nigam Ltd (BSNL)
- ✚ CMC Ltd
- ✚ Amara Raja Batteries Ltd
- ✚ Bartronics India Ltd
- ✚ Cranes Software International Ltd
- ✚ Datamatics Global Services
- ✚ Dell India Private Ltd
- ✚ Delta Energy Systems (India) Pvt Ltd
- ✚ Educomp Solutions Ltd
- ✚ EMC India
- ✚ Eveready
- ✚ Bharthi Airtel Ltd
- ✚ Industries India Ltd
- ✚ Exide Industries Ltd
- ✚ Bharthi Teletech

List of Entrepreneurs

S.No.	Name of the Students	Name of the Company	Type of Industry
1	Kaviyarasn J	ULive Technologies	Home Automations
2	Madhan Kumar V P	ULive Technologies	Home Automations
3	Surendar J	Smart Mobiles	Mobile Sales / Service

Activities of Professional Societies in the Year 2016-2017

S.No	Type Of Program	Title Of The Program	Date	Supportin g Bodies	Guest/ Resource Person	Level
1	Special Lecture	Motivational Talk Self Enhancement (Students)	07-03-17	ISTE	Mr,Jayaram Umashankar, Corporate Trainer &Consultant	Institute
2	Special Lecture	Motivational Talk Self Enhancement (Faculty)	07-03-17	ISTE	Mr,Jayaram Umashankar, Corporate Trainer &Consultant	Institute
3	Power Seminar	Establishing Goals And Priorities	28-01-17	ICTACT	Mr. Shanmugam HR-CTS	National

Events Organized at Institute in the Year 2016-2017

S.No	Type Of Program	Title Of The Program	Date	Guest/ Resource Person	Level
1	Value Added Course	Makerspace in Opensource platform	27.01.17 to 31.01.17	Mr.A.Prabakaran, AP/ECE, KSRIET	Institute

2	Workshop	Introduction to Raspberry Pi with sensor interface	10.02.17	EDC & AURA	National
3	Workshop	Projects using Raspberry pi with sensor interface	12.02.17	EDC & AURA	National
4	Workshop	One day workshop on CAREER GUIDANCE - College to Corporate Relation	17.02.17	Dr.Nandhakumar Professor/Head	Institute
5	Workshop	One day workshop on Project based learning "ARDUINO TI LAUNCH PAD"	17.02.17	Mr.A.Prabakaran, AP/ECE, KSRIET	Institute
6	Workshop	One day workshop on CMOS VLSI Design using MICRO TOOL	17.02.17	Mr.G.Gowtham Raj, AP/ECE, KSRIET	Institute
7	Workshop	One day workshop on Application of MATLAB for Signal Communication & Image Processing	17.02.17	Dr.T.Balakumaran, AP/ECE, Coimbatore Institute of Technology, Coimbatore	National
8	Symposium	Symposium 2k17	17.02.17 & 18.02.17	T.Arumugam, Factory HR Head ,KONE	National

				Elevators,India Pvt Ltd	
9	Paper Presentation	Symposium 2k17	17.02.17	P.Govindaraju, AP/ECE	National
10	Project Expo	Symposium 2k17	17.02.17	Dr.A.N.Nandhaku mar Prof/ECE	National
11	International Conference	International Conference on Recent Trends in Engineering and Technology	17.03.17	Dr.A.Mahaboob Basha, Prof & Director ,KSRCE	International
12	Workshop	Arduino day 2017 - Workshop on IOT	01.04.17	Mr. S. Thulasiram, Software developer, TechMahindra Bangalore. Mr.A.Prabakaran, AP/ECE, KSRIET	National

Paper /Poster presentation by students within the state

PAPER PRESENTATION					
S.No	Name Of The Student	Year/Sem	Name Of The Event	Date	Organised By
1.	T.Oviya	III/VI	Paper Presentation	23.2.2017	Srikrishna College Of Technology
2.	M.Nandhini	III/VI	Paper Presentation	23.2.2017	Srikrishna College Of Technology
3.	Padma Priya	III/VI	Paper Presentation	14.3.2017	Vivekanadha College Of Technology For Women
4.	Kalaipriya	III/VI	Paper Presentation	14.3.2017	Vivekanadha College Of Technology Women
5.	A.Manoj	III/VI	Paper Presentation	14.3.2017	Vivekanadha College Of Technology

					Women
6.	P.Uma	III/VI	Paper Presentation	28.2.2017	RVS College Of Engineering-Coimbatore
7.	V.Soundharya	III/VI	Paper Presentation	28.2.2017	RVS College Of Engineering-Coimbatore
8.	S.Priyadharsini	III/VI	Paper Presentation	03.03.2017	Kumarasamy College Of Technology, Karur
9.	N.Sineha	III/VI	Paper Presentation	03.03.2017	Kumarasamy College Of Technology, Karur
10.	M.Uma Maheswari	II/IV	Paper Presentation	20.2.2017	ECE,NSN College
11.	G.Vinothini	II/IV	Paper Presentation	20.2.2017	ECE,NSN College
12.	P.Pavithra	II/IV	Paper Presentation	20.2.2017	ECE,NSN College
13.	B.Ramya	II/IV	Paper Presentation	20.2.2017	ECE,NSN College
14.	P.Pavithra	II/IV	Paper Presentation	16.2.2017	NSN College of Engg & Technology
15.	B.Ramya	II/IV	Paper Presentation	16.2.2017	NSN College of Engg & Technology
16.	M.Uma Maheswari	II/IV	Paper Presentation	16.2.2017	NSN College of Engg & Technology
17.	G.Vinothini	II/IV	Paper Presentation	16.2.2017	NSN College of Engg & Technology
18.	K.Sakthivel	II/IV	Chakkaravar 2K17	3.3.2017	M.Kumarasamy College of Engg.
19.	S.Ramesh	II/IV	Chakkaravar 2K17	3.3.2017	M.Kumarasamy College of Engg.
20.	S.Priyanka	II/IV	Chakkaravar 2K17	3.3.2017	M.Kumarasamy College of Engg.
21.	C.Maheswari	II/IV	Chakkaravar 2K17	3.3.2017	M.Kumarasamy College of Engg.

22.	Sabarirajan.K.M	IV/VIII	5 th National Conference on Networking and Communication System	04.03.17	ECE/ Excel Engineering College
23.	Srinithi.V	IV/VIII	5 th National Conference on Networking and Communication System	04.03.17	ECE/ Excel Engineering College
24.	Sudharsanan. P	IV/VIII	5 th National Conference on Networking and Communication	04.03.17	ECE/ Excel Engineering College
25.	Thirunal Sundar.V	IV/VIII	5 th National Conference on Networking and Communication System	04.03.17	ECE/ Excel Engineering College
26.	Manimekalai. S	IV/VIII	12 th National Conference on Optimization Techniques in Engineering Sciences and Technologies	17.03.17 & 18.03.17	ECE /Bannari Amman Institute of Technology
27.	Mavunika. R	IV/VIII	12 th National Conference on Optimization Techniques in Engineering Sciences and Technologies	17.03.17 & 18.03.17	ECE /Bannari Amman Institute of Technology
28.	Monisha. S	IV/VIII	12 th National Conference on Optimization	17.03.17 & 18.03.17	ECE /Bannari Amman Institute of Technology

			Techniques in Engineering Sciences and Technologies		
29.	Renuka. R	IV/VIII	12 th National Conference on Optimization Techniques in Engineering Sciences and Technologies	17.03.17 & 18.03.17	ECE /Bannari Amman Institute of Technology
30.	T.Savitha	IV/VIII	National Conference On Advanced Signal Processing and Communication &Networking	24.03.17	ECE/PSNA College Of Engineering & Technology
31.	A.J.Stefi Benita	IV/VIII	National Conference On Advanced Signal Processing and Communication &Networking	24.03.17	ECE/PSNA College Of Engineering & Technology
32.	P.Vaigai Valli	IV/VIII	National Conference On Advanced Signal Processing and Communication &Networking	24.03.17	ECE/PSNA College Of Engineering & Technology
33.	T.Vasantha Kuamr	IV/VIII	National Conference On Advanced Signal Processing and Communication &Networking	24.03.17	ECE/PSNA College Of Engineering & Technology

34.	Nathiya.R	IV/VIII	National Conference On Advanced Signal Processing and Communication &Networking	24.03.17	ECE/PSNA College Of Engineering & Technology
35.	Roshini.A.S	IV/VIII	National Conference On Advanced Signal Processing and Communication &Networking	24.03.17	ECE/PSNA College Of Engineering & Technology
36.	Sithara Begum. A	IV/VIII	National Conference On Advanced Signal Processing and Communication &Networking	24.03.17	ECE/PSNA College Of Engineering & Technology
37.	Priya .R	IV/VIII	National Conference On Advanced Signal Processing and Communication &Networking	24.03.17	ECE/PSNA College Of Engineering & Technology
38.	Sanjeev	IV/VIII	National Conference On Advanced Signal Processing and Communication &Networking	24.03.17	ECE/PSNA College Of Engineering & Technology
39.	Manikandan	IV/VIII	National Conference On Advanced Signal Processing and Communication	24.03.17	ECE/PSNA College Of Engineering & Technology

			&Networking		
40.	Vijayakrishnan	IV/VIII	National Conference On Advanced Signal Processing and Communication &Networking	24.03.17	ECE/PSNA College Of Engineering & Technology
41.	Tamizhalagu	IV/VIII	National Conference On Advanced Signal Processing	24.03.17	ECE/PSNA College Of Engineering & Technology

Workshop Attended by students Within the State

WORKSHOP					
S.No	Name Of The Students	Year/Sem	Name Of The Event	Date	Organised By
1.	D.Bharathi	II/IV	Mobile Game Development	19/2/17	Academic Scientist
2.	M.Dhivya	II/IV	Mobile Game Development	19/2/17	Academic Scientist
3.	L.Ramkumar	II/IV	Phython Workshop	22/2/17	Department of IT Sona College Of Technology
4.	L.Giritharan	II/IV	Lab View For Control Application	24/2/17, 25/2/17	PSG College Of Technology
5.	S.M.Bhuvanewaran	II/IV	Lab View For Control Application	24/2/17, 25/2/17	PSG College Of Technology
6.	S.Balaji	II/IV	Lab View For Control Application	24/2/17, 25/2/17	PSG College Of Technology
7.	V.Lokesh Kumar	III/VI	Graphene Technology	23.2.2017	Srikrishna College Of Technology ,Coimbatore
8.	V.S.Janani	III/VI	Graphene Technology	23.2.2017	Srikrishna College Of Technology
9.	V.Suriya	III/VI	Matlab	9.2.2017	Sri Ramakrishna

			Application Work Shop	to 10.2.2017	Engg College-Coimbatore
10.	M.Sankari	III/VI	Internet Of Things (Iot)	24.2.2017 and 28.2.2017	RVS College Of Engineering-Coimbatore
11.	S.Poongodi	III/VI	Internet Of Things (Iot)	24.2.2017 & 28.2.2017	RVS College Of Engineering-Coimbatore
12.	R.Priya	III/VI	Eletronic Waste (E-Waste)	24.2.2017 & 28.2.2017	RVS College Of Engineering-Coimbatore
13.	E.Santhosh	III/VI	Robert Bosch Workshop On Mobility & E-Mobility &Iot	8.2.2017	Kumaraguru College Of Technology
14.	S.Sugumar	III/VI	Robert Bosch Workshop On Mobility & E-Mobility & IOT	8.2.2017	Kumaraguru College Of Technology
15.	P.Muthu Kumar	II/IV	Workshop	19.2.2017	Academia Scientist
16.	N.Naresh	II/IV	Workshop	19.2.2017	Academia Scientist
17.	R.Nirmal Kumar	II/IV	Workshop	19.2.2017	Academia Scientist
18.	V.Vinay	II/IV	Workshop	17.3.2017	Sona College,Salem
19.	B.Prabhu	II/IV	Workshop	17.3.2017	Sona College,Salem

Project Presented by students Within the State

PROJECT PRESENTATION					
S.No	Name Of The Students	Year/Sem	Name Of The Event	Date	Organised By
1.	Tamilalaghu P	IV/VII	Project Expo - 2016 National Level Technical Symposium	23.01.17 to 25.1.17	Bannari Amman Institute of Technology

2.	Manikandan	IV/VII	Project Expo - 2016 National Level Technical Symposium	23.01.17 to 25.1.17	Bannari Amman Institute of Technology
3.	Mavunika R	IV/VII	Project Expo - 2016 National Level Technical Symposium	23.01.17 to 25.1.17	Bannari Amman Institute of Technology
4.	Monisha S	IV/VII	Project Expo - 2016 National Level Technical Symposium	23.01.17 to 25.1.17	Bannari Amman Institute of Technology
5.	Venkatesh V	III/V	Project Expo - 2016 National Level Technical Symposium	23.01.17 to 25.1.17	Bannari Amman Institute of Technology
6.	Preamkumar S	III/V	Project Expo - 2016 National Level Technical Symposium	23.01.17 to 25.1.17	Bannari Amman Institute of Technology

Seminar Attended by students Within the State

SEMINAR					
S.No	Name Of The Student	Year/Sem	Name Of The Event	Date	Organised By
1.	A.Alexraj	II/IV	One Day Seminar On Design & Integration Of Sustainable Energy	18/2/17	EEE,KIOT
2.	S.Pradeep	II/IV	One Day Seminar On Design & Integration Of	18/2/17	EEE,KIOT

			Substainable Energy		
3.	P.Karthikeyan	II/I/V	One Day Seminar On Design & Integration Of Substainable Energy	18/2/17	EEE,KIOT

Paper Presented by students in Outside the State

PAPER PRESENTATION					
S.No	Name Of The Students	Year/Sem	Name Of The Event	Date	Organised By
1.	Divyadharshini P	IV/VIII	National Conference	18.2.17	Vignana Bharathi Institute of technology, Hyderabad
2.	Aarthi R	IV/VIII	National Conference	18.2.17	Vignana Bharathi Institute of technology, Hyderabad
3.	Kiruthiga R	IV/VIII	National Conference	18.2.17	Vignana Bharathi Institute of technology, Hyderabad
4.	Aravind pandi S	IV/VIII	National Conference	18.2.17	Vignana Bharathi Institute of technology, Hyderabad
5.	Bharathiraja R	IV/VIII	National Conference	18.2.17	Vignana Bharathi Institute of technology, Hyderabad
6.	Bharathi S	IV/VIII	National Conference	18.2.17	Vignana Bharathi Institute of technology, Hyderabad
7.	Sabarirajan K M	IV/VIII	National Conference	18.2.17	Vignana Bharathi Institute of

					technology, Hyderabad
8.	Srinithi V	IV/VIII	National Conference	18.2.17	Vignana Bharathi Institute of technology, Hyderabad
9.	Ravi S	III/VI	International Conference	27.2.17 & 28.2.17	ST Aloysius, Mangaluru
10.	Sridhar T	III/VI	International Conference	27.2.17 & 28.2.17	ST Aloysius, Mangaluru
11.	Sharanya A	III/VI	International Conference	27.2.17 & 28.2.17	ST Aloysius, Mangaluru
12.	Vimala D	III/VI	International Conference	27.2.17 & 28.2.17	ST Aloysius, Mangaluru
13.	Nivetha A	III/VI	International Conference	27.2.17 & 28.2.17	ST Aloysius, Mangaluru
14.	Oviya T	III/VI	International Conference	27.2.17 & 28.2.17	ST Aloysius, Mangaluru
15.	Loganathan C	III/VI	International Conference	27.2.17 & 28.2.17	ST Aloysius, Mangaluru
16.	Pavithran S	III/VI	International Conference	27.2.17 & 28.2.17	ST Aloysius, Mangaluru

Project Presentation by students in Outside the State

PROJECT PRESENTATION					
S.No	Name Of The Student	Year/Sem	Name Of The Event	Date	Organised By
1.	Janani T	III/VI	Smart India Hackathon-2017	1.4.17 & 2.4.17	KL University Andhra
2.	Keerthana S	III/VI	Smart India	1.4.17	KL

			Hackathon-2017	& 2.4.17	University Andhra
3.	Krishnaa M	III/VI	Smart India Hackathon-2017	1.4.17 & 2.4.17	KL University Andhra
4.	Saravanan R	III/VI	Smart India Hackathon-2017	1.4.17 & 2.4.17	KL University Andhra
5.	Sugumar.S	III/VI	Smart India Hackathon-2017	1.4.17 & 2.4.17	KL University Andhra
6.	Sridhar T	III/VI	Smart India Hackathon-2017	1.4.17 & 2.4.17	KL University Andhra

Events Participated by students in Outside the State

OTHER EVENTS					
S.No	Name Of The Students	Year/Sem	Name Of The Event	Date	Organised By
1	M htanlukoG	IV/VIII	Mitsubishi Electric Cup	17/02/17	Bangalore
2	B kcihtraK	IV/VIII	Mitsubishi Electric Cup	17/02/17	Bangalore
3	A inihdnaN	IV/VIII	Mitsubishi Electric Cup	17/02/17	Bangalore
4	M aylaswoK	IV/VIII	Mitsubishi Electric Cup	17/02/17	Bangalore
5	R hsakarpihtoJ	III/VI	GR PEACH Design Contest 2017	02/03/17	Bangalore
6	S hserihthaK	III/VI	GR PEACH Design Contest 2017	02/03/17	Bangalore
7	N K jarlukoG	III/VI	GR PEACH Design Contest 2017	02/03/17	Bangalore
8	M annhsirK	III/VI		02/03/17	Bangalore

GR PEACH
Design Contest
2017

Prizes and Awards received by students in the year 2016-17

S.No	Name Of The Students	Name Of The Event	Date	Organised By	Prizes/ Award
1.	M htanlukoG	Mitsubishi Electric Cup	17/02/17	Bangalore	Cash Award of Rs.7000/-
2.	B kcihtraK	Mitsubishi Electric Cup	17/02/17	Bangalore	
3.	A inihdnaN	Mitsubishi Electric Cup	17/02/17	Bangalore	
4.	M aylaswoK	Mitsubishi Electric Cup	17/02/17	Bangalore	
5.	Aravind pandi S	National Conference	18.2.17	Vignana Bharathi Institute of technology, Hyderabad	I
6.	Bharathiraja R	National Conference	18.2.17	Vignana Bharathi Institute of technology, Hyderabad	I

PLACEMENT RECORDS

S.No.	Register Number	Name of The Students	Name of The Company Placed	Salary (PA)
1	731613106001	Aarthi R	CMS IT Services	Rs 72000/- to 1,80,000/-
2	731613106002	Aishwarya S	Qualcom India Private Limited	Rs 72000/- to 1,80,000/-
3	731613106003	Anitha M	CMS IT Services	Rs 72000/- to 1,80,000/-
4	731613106004	Aravind Pandi S	Comodo India Pvt. Ltd.	Rs. 2,31,552 /-
5	731613106006	Arul Prakash S	Tech Mahindra Limited	Rs. 2,40,000 /-
6	731613106008	Aruna Joice J	Zealous Services	Rs. 1,20,000 /-
7	731613106009	Aswini L	Qualcom India Private Limited	Rs 72000/- to 1,80,000/-
8	731613106010	Balaji S	Avathar Academy	Rs. 1,22,000 /-
9	731613106011	Bharathi S	Mobiveil Technologies India Private Limited	Rs. 3,00,000 /-
10	731613106012	Bharathi Raja R	Zealous Services	Rs. 1,20,000 /-
11	731613106013	Deepa S	Aon Hewitt	Rs. 2,80,000 /-
12	731613106015	Deepika R	CMS IT Services	Rs 72000/- to 1,80,000/-
13	731613106016	Dhanam S	Vuram Technology Solutions Private Limited	Rs. 3,56,638 /-
14	731613106017	Dhivya A	Vuram Technology Solutions Private Limited	Rs. 3,56,638 /-
15	731613106018	Divya Dharshini P	CMS IT Services	Rs 72000/- to 1,80,000/-
16	731613106019	Gayathri K	Vuram Technology Solutions Private Limited	Rs. 3,56,638 /-
17	731613106020	Gayathri M	Eureka OSL	Rs. 1,50,000 /-
18	731613106021	Gokilapriya S	Qualcom India Private Limited	Rs 72000/- to 1,80,000/-
19	731613106022	Gokulnath M	Avathar Academy	Rs. 1,22,000 /-
20	731613106023	Gokul Prasad K V	Tech Mahindra Limited	Rs. 2,40,000 /-
21	731613106024	Hithalthul Halbi S	Zealous Services	Rs. 1,20,000 /-
22	731613106025	Janani R	Pactron India Priate Limited	Rs. 1,80,000 /-
23	731613106026	Jayalashmi S	Vinayak Infotech	Rs. 2,00,352 /-
24	731613106027	Jayaprakash T	Avathar Academy	Rs. 1,22,000 /-

25	731613106028	Jeffin Jose	Avathar Academy	Rs. 1,22,000 /-
26	731613106029	Karthick B	Avathar Academy	Rs. 1,22,000 /-
27	731613106030	Keerthana T	Eureka OSL	Rs. 1,50,000 /-
28	731613106031	Kesavan S	Avathar Academy	Rs. 1,22,000 /-
29	731613106032	Kiruthiga R	CMS IT Services	Rs 72000/- to 1,80,000/-
30	731613106033	Kiruthika L	Sutherland Global Services	Rs. 1,80,000 /-
31	731613106034	Kowsalyashivani M	Vuram Technology Solutions Private Limited	Rs. 3,56,638 /-
32	731613106036	Loganayagi V	Vinayak Infotech	Rs. 2,00,352 /-
33	731613106037	Maheswari N	Vee Technologies Inc	Rs. 1,80,000 /-
34	731613106038	Malathi P	Vee Technologies Inc	Rs. 1,80,000 /-
35	731613106040	Mani Mekalai S	Vee Technologies Inc	Rs. 1,80,000 /-
36	731613106041	Mavunika.R	Sutherland Global Services	Rs. 1,80,000 /-
37	731613106042	Mohanapriya D	Pactron India Priate Limited	Rs. 1,80,000 /-
38	731613106043	Mohanapriya K	First American (India) Pvt Ltd	Rs. 4,00,000 /-
39	731613106045	Monisha S	Vinayak Infotech	Rs. 2,00,352 /-
40	731613106046	Mythili K	Vinayak Infotech	Rs. 2,00,352 /-
41	731613106047	Nandha Kumar C	Orange Elevators	Rs. 2,16,000 /-
42	731613106048	Nandhini A	Wipro Technologies	Rs. 3,20,004 /-
43	731613106050	Nasurulla S	Orange Elevators	Rs. 2,16,000 /-
44	731613106051	Nathiya P	Vee Technologies Inc	Rs. 1,80,000 /-
45	731613106052	Naveen Kumar K	Avathar Academy	Rs. 1,22,000 /-
46	731613106053	Nethra V	Sutherland Global Services	Rs. 1,80,000 /-
47	731613106054	Nirmaladevi P	Vee Technologies Inc	Rs. 1,80,000 /-
48	731613106055	Nivedha Shree S	Mobiveil Technologies India Private Limited	Rs. 3,00,000 /-
49	731613106056	Nivetha B	Sutherland Global Services	Rs. 1,80,000 /-
50	731613106057	Prakashraj M	Enthu Technology Solutions India Pvt Ltd	Rs. 1,80,000 /-

51	731613106058	Priya R	IDBI Federal Life Insurance Co Ltd	Rs. 3,07,580 /-
52	731613106059	Priyadarshini N	Wipro Technologies	Rs. 3,20,004 /-
53	731613106061	Punithavalli P	American Megatrends India Pvt Ltd	Rs. 3,00,000 /-
54	731613106062	Renu Priya S S	Zealous Services	Rs. 1,20,000 /-
55	731613106063	Roobini S	Eureka OSL	Rs. 1,50,000 /-
56	731613106064	Roomathi K	Tech Mahindra Limited	Rs. 2,40,000 /-
57	731613106065	Roshini A S	IDBI Federal Life Insurance Co Ltd	Rs. 3,07,580 /-
58	731613106066	Rubesh L	Orange Elevators	Rs. 2,16,000 /-
59	731613106067	Sabarirajan K M	Enthu Technology Solutions India Pvt Ltd	Rs. 1,80,000 /-
60	731613106068	Sandeep Gaur R	Mobiveil Technologies India Private Limited	Rs. 3,00,000 /-
61	731613106069	Santhakumar P	Enthu Technology Solutions India Pvt Ltd	Rs. 1,80,000 /-
62	731613106070	Saranya G	Zealous Services	Rs. 1,20,000 /-
63	731613106071	Savitha T	Tech Mahindra Limited	Rs. 2,40,000 /-
64	731613106072	Shangavai P A	Comodo India Pvt. Ltd.	Rs. 2,31,552 /-
65	731613106074	Shanjieev M	Enthu Technology Solutions India Pvt Ltd	Rs. 1,80,000 /-
66	731613106075	Shrinidhi V	Wipro Technologies	Rs. 3,20,004 /-
67	731613106076	Sneha Priya S	Vee Technologies Inc	Rs. 1,80,000 /-
68	731613106078	Sowndravalli G	Sutherland Global Services	Rs. 1,80,000 /-
69	731613106080	Stefi Benita S J	Comodo India Pvt. Ltd.	Rs. 2,31,552 /-
70	731613106081	Subashini J	Mobiveil Technologies India Private Limited	Rs. 3,00,000 /-
71	731613106083	Sudarsanan P	Telliant Systems	Telliant Systems
72	731613106084	Sugapriya T	IDBI Federal Life Insurance Co Ltd	Rs. 3,07,580 /-
73	731613106085	Sundar Rao P	Orange Elevators	Rs. 2,16,000 /-
74	731613106086	Swetha S	Comodo India Pvt. Ltd.	Rs. 2,31,552 /-
75	731613106088	Thirumurugan S	Vee Technologies Inc	Rs. 1,80,000 /-
76	731613106090	Vasanthakumar T	Stamp Bridge Technologies	Rs. 2,80,000 /-
77	731613106091	Vasanthanila R	Aon Hewitt	Rs. 84,000 /-
78	731613106092	Vinay J	Vuram Technology Solutions Private Limited	Rs. 3,56,638 /-
79	731613106093	Vishali A	Aon Hewitt	Rs. 2,80,000 /-
80	731613106095	William Carry P	Vuram Technology Solutions Private Limited	Rs. 3,56,638 /-

81	731613106096	Yuvaraj N	Wipro Technologies	Rs. 3,20,004 /-
82	731613106305	Suresh Kumar C	Orange Elevators	Rs. 2,16,000 /-
83	731613106306	Thirumalsundar V	Telliant Systems	Rs.2,50,000/-
84	731613106701	Sithara Begum A	Telliant Systems	Rs.2,50,000/-

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