



POTTI SRIRAMULU CHALAVADI MALLIKARJUNARAO COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd: 1906
Kothapet, Vijayawada - 520001

NEWS LETTER

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E - WAVES

ELECTRONICS & COMMUNICATION ENGINEERING

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FACULTY GROUP PHOTO



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20.	SRI GRANDHI VISWANATH	EXECUTIVE COMMITTEE MEMBER
21.	SRI TELEPROLU KARTHIK	EXECUTIVE COMMITTEE MEMBER

ABOUT DEPARTMENT

The Department of Electronics & Communication Engineering (ECE) was established in 2008 to run the four year undergraduate programme in Electronics & Communication Engineering discipline. The curriculum of these courses is meticulously designed by the members of board of studies, JNTU, Kakinada. The syllabus for the said courses is being constantly modified to update the latest developments in the market fields. Upto 2009 the annual student intake of the ECE department was only 60; in 2010 it was 90 and from then the student intake was sanctioned to 120 till date.

A large number of activities are conducted regularly under the student forums. Guest lectures, Workshops, Hands on Sessions on latest tools are regularly held to help students to acquire new knowledge of technology, deeper and clear understanding of major concepts and build the ability to apply in the relevant fields. The laboratories in the department are well equipped. The faculty members take care of maintenance of the laboratories and also the active participation of the students in laboratory activities helps in upgrading their knowledge.

The department encourages the students to devise electronic gadgets on their own through Electronic Enthusiasts Club.

PSCMRCET - VISION

To make a significant contribution to the evolution of a highly advanced technological society with profound human values by nurturing students with unparalleled expertise and a high sense of ethics.

PSCMRCET MISSION

To offer a high quality professional education and training blended with a high sense of discipline and ethics to shape the students into people who can play an effective role in the development of a knowledge society and thereby striving to bring the light into the lives around them with human outlook.

To be a leading center for education and research in electronics and communication engineering, making the students adaptable to contemporary technologies with sound knowledge and socio-ethical values in an integrated learning environment.

M1: To produce knowledgeable and technologically competent engineers for providing services to the society.

M2: To have a collaboration with leading academic, industrial and research organizations for promoting research activities among faculty and students.

M3: To create a unified learning environment for sustained growth in electronics and

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1 (Engineering Foundation) :	→	To produce graduates with firm foundation in Electronics and Communication Engineering.
PEO 2 (Core Competence) :	→	To motivate graduates to Analyze, Design, Develop, Optimize and Implement electronic systems with competent spirit.
PEO 3 (Breadth Knowledge) :	→	To enable graduates with sufficient breadth in electronics and its related fields to solve general engineering problems in an eco-friendly environment.
PEO 4 (Soft Skills) :	→	To make graduates with a professional outlook who can communicate effectively and interact responsibly with colleagues, clients, employers and society.
PEO 5 (Knowledge Enhancement) :	→	To prepare graduates who pursue lifelong learning and professional development including higher education.

Program Specific Outcomes :

PSO 1:The ECE Graduates will be Equipped with knowledge of complete design flow from specification to silicon in areas of both digital and analog VLSI Design and will be able to work in IC Design companies.

PSO 2: The ECE Graduates will be trained with microprocessor and microcontroller based system design skills and can work as design and verification engineers in the area of Embedded Systems Design.

PSO 3: The ECE Graduates will be able to apply engineering knowledge for design and implementation of projects pertaining to signal processing and Communications.

PSO 4: The ECE Graduates will be incorporated with necessary soft skills, aptitude and technical skills to work in IT & Public sector.

Program Outcomes):

- 1) Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and concepts of Electronics & Communication Engineering to the solution of complex engineering problems.
- 2) Problem analysis:** Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using mathematics, natural sciences and electronics and communication engineering principles.
- 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.
- 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.
- 5) Modern tool usage:** Create, select, and apply appropriate techniques, resources and Electronic Design Automation tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- 6) The engineer and society:** Apply reasoning based on the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

- 7) Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts and demonstrate the knowledge and need for the sustainable development.
- 8) Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- 9) Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary environment.
- 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.
- 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.
- 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.

Our Strength Is Our Faculty

S.No.	Name Of The Faculty	Designation
01	Dr.J.Lakshmi Narayana	HOD & Professor
02	Dr A.Ravi	Professor
03	Dr.B.Vanajakshi	Professor
04	Dr.M Ranga Rao	Professor
05	Mrs. Y Kumari	Professor
06	Mr.G.V. Ramanaiah	Associate Professor
07	Mr.D Srikanth	Associate Professor
08	Mrs.G.M.G. Madhuri	Associate Professor
09	Mr.S Pradeep Kumar	Associate Professor
10	Mrs.M.N.L Kalyani	Assistant Professor
11	Mr.K Sundar Srinivas	Assistant Professor
12	Mr.K.Vijay	Assistant Professor
13	Mr.D Suresh Babu	Assistant Professor
14	Mr.B Praveen Kittu	Assistant Professor
15	Mr. B. Mohan Swaroop	Assistant Professor
16	Mr.A Ramesh	Assistant Professor
17	Mrs.T Sireesha	Assistant Professor
18	Mrs.D Gowthami	Assistant Professor
19	Mr.T Durga Prasad	Assistant Professor
20	Ms.N Mounika	Assistant Professor
21	Mrs.Ch Amala	Assistant Professor
22	Mrs.M Naga Sabari	Assistant Professor
23	Mr.R Vijay Shashanka	Assistant Professor
24	Ms.J. Anusha	Assistant Professor
25	Mrs.Ch.Veda Priyanka	Assistant Professor
26	Ms.R.Durga Bhavani	Assistant Professor
27	Mr.D. Hari Babu Prasad	Adjunct Professor
28	Mr.A N V Ravi Kumar	Adjunct Professor

JIGNASA 2K18 WINNERS



PRIZES/AWARDS RECEIVED IN THE EVENTS

S.No	Name of the student	Name of the event	Venue	Remarks
1.	K. Kedareswar kumar	India skills-2018	Delhi	III place
2.	K. Kedareswar kumar	India skills-2018	Bangalore	First place in South Regional level
3.	A Khandeswara Rao	IoT Challenge 2019	Stanley college of Engineering for women	Merit certificate
4.	K. Kedareswar kumar			
5.	V.Venkatesh	AICTE VISWAKARMA	Regional Level	First place
6.	Sk.Nagoor Basha			
7.	T. Sai Charan Teja			
8.	S.Prakash Kumar			
9.	K. Kedareswar Kumar	Prototype design (Automation of Industrial Robots using IoT)	National Instruments, Bangalore	Certificate of achievement
10.	A Khandeswara Rao			
11.	K Hari Gopal			
12.	T. Sai Charan Teja	Prototype design (Agri products monitoring using through IoT)	National Instruments, Bangalore	Certificate of achievement
13.	S. B. D. Prakash Kumar			
14.	D. Pavan Kalyan	Prototype design (Smart stock management using IoT)	National Instruments, Bangalore	Certificate of achievement
15.	T Ragaphanigna			
16.	K Sowmya			
17.	T Alekhya	Prototype design (Recycling for Profit)	National Instruments, Bangalore	Certificate of achievement
18.	L.Krishna Kavya			
19.	K.Gayatri Sowmya			
20.	P.Venkata Rajya Lakshmi	JAGRUTHI Ideathon	IISC Bangalore	First prize
21.	M Aparna and Team			
22.	RVSK Vyshnavi and Team	JAGRUTHI Model Presentation	IISC Bangalore	First prize
23.	T. Sai Charan Teja and Team	JAGRUTHI Ideathon	IISC Bangalore	Second prize
24.	T. Sai Charan Teja	IOT challenge conducted by i3India	Hyderabad	Second prize
25.	V. Rajeswari	Poster Presentation	University college of Engineering, JNTUK	Third prize
26.	S. Padmavathi	Just A Minute	VVIT	First prize
27.	E. Bhavya	Techno cultural fest	Kallam Haranadha Reddy Institute of technology	Runners
28.	P. Asha			
29.	K. Divya			
30.	A.Ramya Sri	Poster Presentation	VVIT	Second prize
31.	G. Hari Priya	Poster Presentation	VVIT	Second prize
32.	M.Monalisa	Creative Minds	VR Siddhartha	first prize
33.	Md.Jabeena			
34.	P.SriValli	Creative Minds	VR Siddhartha	Third prize
35.	G. Hari Priya			
36.	G.Lakshmi Devi			
37.	P.Bhavani Sai			
38.	M.Jyothirmayi			

STUDENT'S PARTICIPATION IN OUTSIDE STATE EVENTS

S.No	Name of the student	Name of the event	Venue	Remarks
1.	T. Sai Charan Teja	Model Presentation, Ideathon - JAGRUTHI	IISC Bangalore	Participated
2.	V. Venkatesh			
3.	Sk. Nagoor Basha			
4.	S. Bhanu Prakash Kumar			
5.	Lakshmi Charitha. M. S. R			
6.	V. Lekha Sree			
7.	M. Aparna			
8.	K. dedeepya			
9.	P. Nikhitha			
10.	R.V.S.K. Vyshnavi			
11.	S. V. V. B. Y. Lakshmi Durga			
12.	V. Venkatesh	Cyber security & Ethical Hacking	NIT Warangal	Participated
13.	V. Gopi Krishna			
14.	L V S S Prasad			
15.	Aruna Gowri Sai	ENIGMA - ELAN and NVISION 2019	IIT Hyderabad	Participated
16.	M. Devi Chakradhar	National Robotic Championship	NIT Warangal	Participated
17.	V. Venkatesh	India Innovation challenge Design Contest	IIM Bangalore	Participated
18.	A Khandeswara rao	IOT Challenge 2019	IIT Bombay	Participated





OUTCOMES OF e - YANTRA LABS

Voice Controlled Robot



Restaurant Assist Robot

Smart Home Model



A JOYOUS, AFFIRMING AND INCREDIBLY FUN EXPERIENCED WORKSHOPS



Latest telecom technologies
By Sri KNS Prasad,
DGM, BSNL,
Vijayawada.

PCB design
By Faculty of ECE.



SCILAB and its applications
By Faculty of ECE.

Lab VIEW Technology
By Satya Narayan,
Software Expert, APITA





Papers Published By Students

S.No	Author Name	Title of paper	ISBN No. Of Proceedings/ DOI	Name of conference/Journal
1.	Pooja Pamarthi, D.Pavan Kalyan	Compressive sensing application in image denoising	ISSN:2249-7455	IJMTEE
2	K.V.S.Pavani; Keerthi Sai .B	Design and development of compact microstrip patch dual band antenna for wireless communications	ISSN:2393-9028	IJRECE
3	A.Asha Sai Lakshmi;N.Aparna;R.Rohini	Enhanced Homogeneous Space Coding with Defective Synchronization	ISSN NO:1076-5131	JASC
4	P.Asha;K.Sahitya;A.Alekhyia	Design of simple Multiband patch antenna for mobile communication application using new E-shape Fractal	E-ISSN 2348-1269,P-ISSN 2349-5138	IJRAR
5	R.Rohini;D.Pavan Kalyan	Automated Attendance using face detection and Raspberry-pi	ISSN NO:1076-5131	JASC
6	B.Satya Priya;D.Durga Tejaswi	Design and analysis of a Patch antenna on a finite rectangular ground plane	ISSN:2393-9028	IJRECE
7	M.Aparna;K.Dedeepya	Digitilised smart class room	ISSN:2349-5162	JETIR
8	Y.Chandrakala;K.Vasanthi; P.Murali Krishna; N.Naga Radhika	Design of Real Time weather monitoring System	ISSN: 2249-7455	IJMTEE
9	K.Durga Bhavani;B.N.V.L.Nikhila; D.Gowri Kusuma; K.Swapna	IOT Based smart waste management	ISSN:2349-5162	JETIR
10	P.Durga Revathi;SK.Naziya Sulthana;T.Mounika; SK.S.Navaz	GSM Controlled agribot	ISSN: 2249-7455	IJMTEE
11	J. Rajyalakshmi;Ch.Gagana; B.Manoja;Ab.Rawoof	Smart electronic voting system based on iris recognition using IOT	ISSN:1076-5131	JASC
12	G.U.N.V.Srilalitha;K.Hema Lakshmi Priya;M.Sravani; Ch.Jaya Naga Lakshmi	Smart water distribution management system	ISSN 2348-1269	IJRAR
13	T.Rahul;S.V.Kishore	Smart Robot	ISSN NO : 2277-2723	Universal Review
14	R.Divya;P.Suneetha	Advanced smart Robot	ISSN: 2249-7455	IJMTEE
15	N. Maneesha;P.Lalitha;V.Manasa; S.Divya	Implementation of CI-OFDM with cordic algorithm using VHDL	ISSN 2236-6124	IJR
16	K. Jayasree,Surya; Varun Yadav; Sindhu	Implementation of vedic multipliers using urdhva tiryakbhyam , nikhilam sutras	ISSN: 2249-7455	IJMTEE
17	Satya Priya.B;S.Padmavathi	Design of Dual- Band Micro-Strip Patch Antenna using U-Slots	ISSN NO : 2277-2723	Universal review
18	P.Deethi;M.Sai Krishna;Surya Teja;HariHara Sudhan	Implmentation of Traffic Density Reduction	ISSN 2321-3361	IJESC
19	Ch.Lahari;K.V.Prudhvi Raj;D.Vuvaraj	Monitoring and Controlling of Indoor Environment using IoT	ISSN:2348-1269	IJRAR
20	P.Jhansi;MD.Sharmila	Design of multi-band micro strip patch antenna	ISSN:1076-5131 / 16.10089/JASC	JASC
21	SK.Fathima;V.Subhashini; T.Satyanarayana; Nousheen Fathima	Drainage Monitoring System using Internet of Things	ISSN:2393-9028	IJRECE
22	Vemuri Richard Ranjan Samson;U.Bharath	Human Hand Controlled by other Human Brain	https://doi.org/10.1007/978-98-99-56122-5_10	

WORK ON GETTING PRACTICAL KNOWLEDGE (INDUSTRIAL VISITS)

All the III ECE students have visited RADAR Station, Machilipatnam on 17th June 2018. The visit benefits the students to gain the knowledge on Weather Forecasting technologies.



An Industrial visit is organized for the II ECE students to “ Efftronics Systems Pvt. Ltd., “ through which the students can gain knowledge on the designing of PCBs and controlling techniques.



II & II ECE students actively participated in the workshop conducted by the BSNL Authorities and visited BSNL Telecom Centres VJA for the practical knowledge on Telecom Networking & Connections.



BSNL

Bharat Sanchar Nigam Limited
ADVANCED TELECOM TRAINING CENTRE
[Field Telecom Laboratory]



Efftronics

Radar



FACULTY ACHIEVEMENTS :

1. E- Sim circuit Simulation Project by Mr. D.Suresh Babu got a honorarium of RS.3000 from MHRD & IIT Bombay
2. Mr. S. Pradeep Kumar has selected as a reviewer for IEEE transaction paper on Multimedia.
3. Mr. S.Pradeepkumar has selected as a academic mentor for INTECH OLYMPIAD 2019 Competition.
4. Mr. S.Pradeepkumar has selected as a reviewer for **ACISC** journal.
5. Dr J. Lakshmi Narayana, S.Pradeep kumar & A. Ramesh acted as resource persons for a 3 day workshop conducted at Raise Group of institutions Ongole.
6. Mr. S.Pradeep kumar acted as Resource person for the 5 day workshop Conducted by Mechanical department of our college from 23-27th October.
7. Dr J.Lakshmi Narayana is selected as a reviewer for IRAUI journal for Electrical and Electronic Engineering for the paper titled "Design and Implementation of wireless 4-20mA current simulator".
8. Mr. S.Pradeep kumar acted as Evaluator for Krishna district level 26th National Childrens Science congress 2018 in association with department of School education & SCERT Govt of A.P on 12th November 2018.
9. Dr. M. Ranga Rao got 3 internship certificates for various domains from INTERNSHALA.
10. Mr. T. Durga Prasad Lyricized and dedicated a song for the college.
11. Dr. M.Ranga Rao and Mr. S.Pradeep Kumar received Special Appreciation from Texas Instruments, DST, IIMB.

FACULTY PUBLICATIONS

S.No.	Name of Faculty	Title
1.	Dr. J. Lakshmi Narayana	Hybrid fractal slotted antenna for wide band applications
2.	Dr. J. Lakshmi Narayana	Performance of Hexagonal Antenna with new Fractal shaped slot for UWB communications
3.	Dr.B.Vanajakshi	Design and development of compact microstrip patch dual band antenna for wire less communication
4.	Mrs. Kumari Yakkali	A system for child rescue from bore well
5.	Mrs. Kumari Yakkali	Locating blood vessels in retinal images by using vessel enhancement filtering technique
6.	Mr. G.V Ramaniah	Reconfigurable patch antenna for wire les appliactions
7.	Mr. G.V. Ramaniah	Analog to digital converter using successive apporoximation register method
8.	Mrs. G.M.G Madhuri	Design of comparator using cmos logic,domino logic and GDI technique
9.	Mrs. M.N.L.Kalyani	An enchancement technique to improve ber in wire less lan using MIMO-OFDM
10.	Mrs. M.N.L.Kalyani	Turbo coded STBC MIMO-OFDM with DWT based I/Q balancing system
11.	Mr. B. Praveen Kitti	Analysis of microstrip patch antenna using defected ground structure DGS
12.	Mr. D. Suresh babu	Finger print recognition for person identification and verification based on MINUTIAE matching
13.	Mr. K.Vijay	Automated attendance using face detection and raspberry pi
14.	Mrs. T. Sireesha	Sustainable water management system for multiple cropping based on IOT
15.	Mrs. T.Sireesha	Wireless energy transfer
16.	Mrs. T.Durga Prasad	Low power carry look ahead adder using adiabatic logic
17.	Mrs. Ch.Amala	Human brain tumour detection using fast bounding box and support vector machine
18.	Ms. N.Mounika	Efficient energy minimisation technique for massive MIMO under pilot contamination
19.	Ms. N.Mounika	Peak to average power ratio reduction with near optimal performance in OFDM
20.	Mr. R Vijay Shashanka	Internet of things(IOT) controlled robotic arm

21.	Mr. A.Ramesh	Fractal Ultra wide band antenna for 5G applications
22.	Mrs. B.Vanajakshi	Systematic Method for Detection and Prevention of Fire Accidents in Rail Transport
23.	Mrs. GMG Madhuri	High speed 64 bit booth multiplier using compressor
24.	Mrs. GMG Madhuri	Line Based Successive Cancellation Decoder with reduced complexity
25.	Ms. N. Mounika	ICI Cancellation in OFDM Systems Under Stanford University Interim Channel Model
26.	Ms. N.Mounika	Efficient energy minimisation technique for massive MIMO under pilot contamination
27.	Mrs. Y.Kumari	Unsharp Masking-Based Image Enhancement of Nanodispersed 10O.O6 Liquid Crystal Compound
28.	Mr. P PraveenKitti	Design of microstrip antenna with extended ground
29.	Mr. D.Suresh Babu	Human Hand Controlled by Other Human Brain
30.	Dr. A.Ravi	Smoothing and Noise Reduction in Images Using Variable Mode Decomposition
31.	Mr. R Vijay Shashanka	Ultra Sonic Sensor Security System For Border Security
32.	Mr. S.Pradeep Kumar	Agri-products monitoring through IOT
33.	Mr. S.Pradeep Kumar	Smart Stock management using IOT
36.	Mr. S.Pradeep Kumar	Recycling for Profit

If you focus on Results,

You will never

Change

If you focus on Change,

You will get Results

FUTURE IS BRIGHTER THAN BEFORE THROUGH EXPERT LECTURES

A 3 day seminar is conducted for the students of ECE on “5G Technologies impact on OEM-ODM CSP, India’s Deployment& NB-IoT - FIOT-2018” from 24th to 26th August 2018 by an eminent resource person Sri. AT Kishore.



A Practical talk on Analog Communications for the students of ECE .by Mr.D. Hari Babu Prasad, Adjunct Professor of ECE,DGM (RTD.,) BSNL,Vijayawada



A seminar on “ Evolution Of Telecom Networks – Satellite Communication ” is conducted By Sri. K.V.S.Raju,, DGM, BSNL, Vijayawada.



Student start - up



Final Year ECE students have reached a milestone by establishing an ONLINE SHOPPING startup company “**Rogue V**” on 5th September 2018, which can be accessed to shop Men Casual and Formals with the encouragement of HOD ECE and all the faculty members.



The key to Success is to Start before you are Ready

CELEBRATIONS

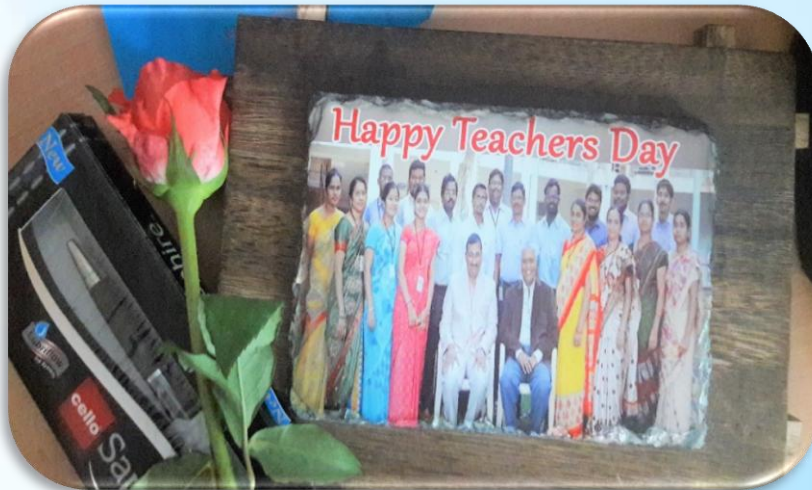


JIGNASA 2K18



The students of ECE have actively participated in the events of Jignasa 2018 . A random number of projects are exhibited in the events which raised the competition spirits of the students.

TEACHER'S DAY :



Never Dream About
Success, Work For It

POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE - ISO 9001:2015 Certified - Affiliated to JNTUK, Kakinada
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CONGRATULATIONS to the winners of "SAWAAL" Reasoning Competition

1ST PRIZE  K. UJWALA II ECE-A 17KT1A0433	2ND PRIZE  K.SOWMYA III ECE-A 16KT1A0448	3RD PRIZE  P.LALITH KUMAR III EEE 16KT1A0235
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IN ASSOCIATION WITH
The Institution of Engineers (India) STUDENT CHAPTER
(College Code : KT, Branch Code : 02, IEI Chapter Code : EE/ PSCE/ 520001)

K Ujwala of II ECE , K Soumya of III ECE and P. Lalith Kumar of III ECE bagged Ist , IInd and IIIrd Prizes in **Sawaal 2018**, conducted by EEE department.



The department of ECE have successfully organized the **“Engineers Day Celebrations”** on 15th Sep 2018. A good number of students actively participated in the events like Poster Presentation, Paper Presentation and Quiz competitions conducted on the event. Also a Technical Talk on “Evolution of Telecom Networks” is arranged on the occasion.





14KT1A0424¹⁴

d.Naga neelima

GOLD COIN WINNER



Eagala Roja Ramani
(14KT1A0426)



Patibanda Yogya Sri
(14KT1A0475)



T. Rohini
(14KT1A04A5)

IV
YEAR



D Hema
(16KT5A0408)



D MADHAVARAO
(15KT1A0428)



J. RAJYALAKSHMI
(15KT1A0435)

III
YEAR



LANKALPALLI SONIYA
(16KT1A0467)



SHAIK KHASIMBEE
(16KT1A0496)



MOHMAD SHARMILA
(16KT1A0475)

II
YEAR



G. HEMA HARSHINI
(17KT1A030)



K.UJWALA
(17KT1A033)



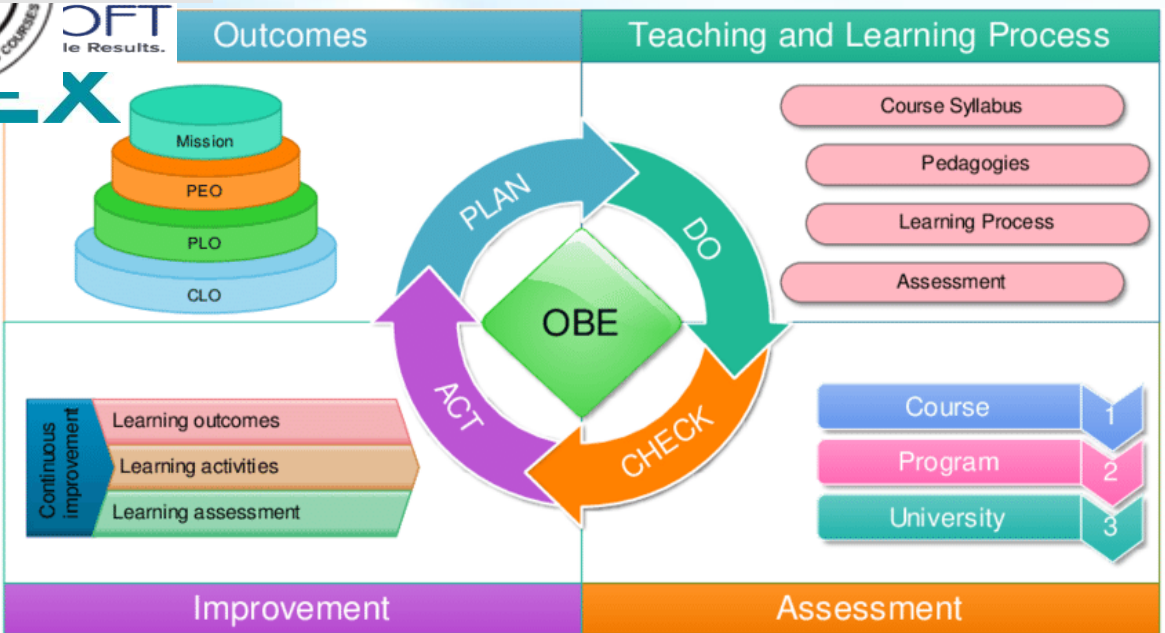
A. ROHITH
(17KT1A0403)

I
YEAR

PLACEMENT'S

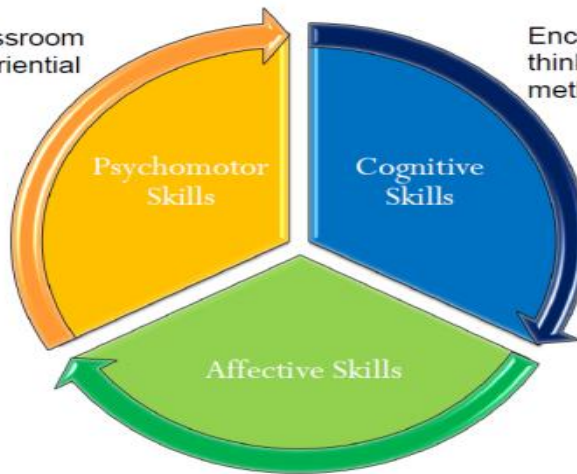


OUTCOME BASED EDUCATION



Learning Domains:

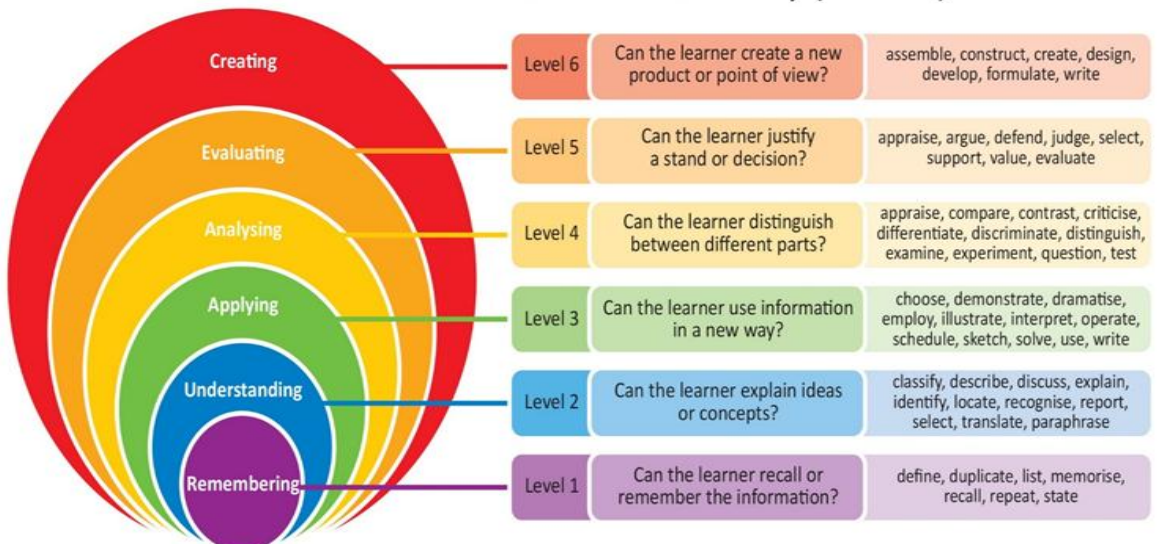
Activities in classroom leading to experiential learning.



Encouraging students to think and solve problems methodically

Leading students to more interaction with peers, as well as self-confidence.

Bloom's taxonomy (revised)





ECE-A (2K15-19)



ECE-B (2K15-19)



ECE MOU's



BSNL



South Central Railways



e – YANTRA



EURTH TECHNOLOGY



INTEL FICE



STUDENTING ERA



TIEGRAD



By : Bindu Susmitha Yalla

