

## DEPARTMENT NEWS LETTER [2019-20]



### A GUEST LECTURE ON “COMMUNICATION SYSTEMS WITH EMPHASIS ON CONTEMPORARY TECHNOLOGY AND REALIZATION THROUGH MATLAB”

A guest lecture by Industry expert, **Dr. Rajkumar Goswami, Commodore, Indian Navy, Headquarters, Eastern Naval Command, Visakhapatnam** is jointly organized by department of ECE in association with IETE Student Forum and ACES for the benefit of UG students on “**Communication Systems with emphasis on Contemporary Technology and Realization through MATLAB**”, on **14.09.2019** at ANITS. In his lecture, **Dr. Rajkumar Goswami** has discussed in detail about the basics of analog & digital communication systems and the modulation techniques used by them. He has also discussed about various errors & codes used in contemporary systems with simulations run through MATLAB and SIMULINK. The faculty of ECE department, ANITS and the students of ECE department has attended the guest lecture. Dr. Rajkumar Goswami was felicitated by Head of the Department Prof. V.Rajya Lakshmi and Prof. G. Manmadha Rao.



### A GUEST LECTURE ON “ELECTRONICS IN INDUSTRY”

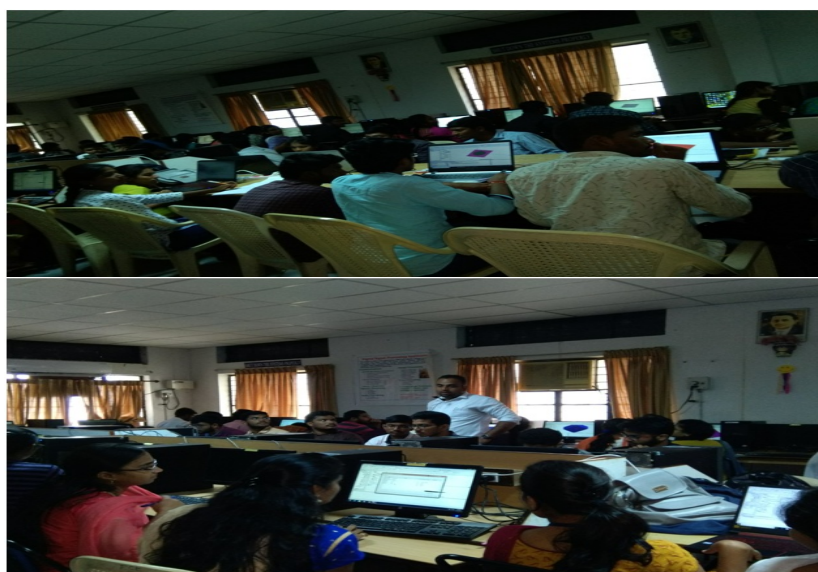
A guest lecture by Industry expert, **Mr. U. Srinivasa Rao, Project Manager-New Product Development, EATON Power Quality Pvt. Ltd., Pondicherry** is jointly organized by department of ECE in association with IETE Student Forum and ACES for the benefit of UG students on “**Electronics in industry**”, on **11.10.2019 (Friday) at 11:00 AM** at ANITS. In his lecture, **Mr. U. Srinivasa Rao** has discussed in detail about the industrial applications of Electronics, Product development life cycle, Manufacturing process flow, PCB assembly and mainly focused on ‘Make in INDIA’. The faculty of ECE department, ANITS and the students of ECE department has attended the guest lecture. Guest was felicitated by Head of the Department Prof. V.Rajya Lakshmi.





## A GUEST LECTURE ON “APPLICATIONS OF IMAGE PROCESSING AND COMPUTER VISION IN INDUSTRIAL AUTOMATION & TURBID MEDIA ANALYTICS”

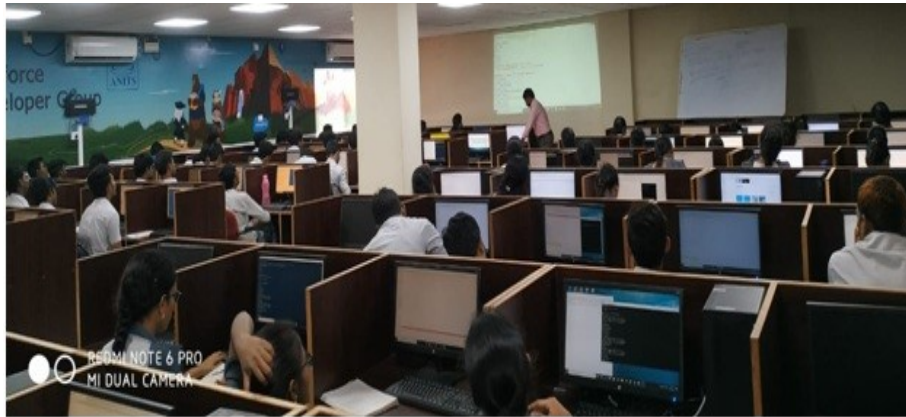
A guest lecture by Industry expert, **Dr. Karthik Seemakurthy**, Research Scientist, Tata Consultancy Services, Bangalore is arranged for the benefit of ECE students on “**Applications of Image Processing and Computer Vision in Industrial Automation & Turbid media analytics**” organized by the department of ECE on 10.02.2020 (Monday) at 01:00 Pm. In his lecture, Dr. Karthik Seemakurthy has discussed in detail about the basics of Image Processing and Computer Vision. He has also discussed about their applications in Industrial Automation. The faculty of ECE department, ANITS and the students of ECE department has attended the guest lecture. Dr. Karthik Seemakurthy was felicitated by Head of the Department Prof. V.Rajya Lakshmi and Prof. G. Manmadha Rao.



## WORKSHOP ON “ANTENNA MODELLING USING HIGH FREQUENCY STRUCTURE SIMULATOR (HFSS)”

The Department of Electronics & Communication Engineering of Anil Neerukonda Institute of Technology and Sciences, in association with the IETE Student Forum organized a Three-day workshop on “**Antenna Modelling Using High Frequency Structure Simulator (HFSS)**” in industrial collaboration with ANSYS, on 26th-28th December 2019. Hands-on sessions to the participants were conducted all the three days led by Mr. R. Sashi Kumar, Application Engineer, from Entuple Technologies Pvt. Ltd,

Bangalore. Around Ninety members which include Faculty, Research Scholar and Students from various Engineering College participated and learned different design aspects of antenna modeling and filter designing using HFSS software. The Workshop was convened by Prof. V. Rajaya Lakshmi, HoD, Dept. of ECE and was coordinated by Mr. Vijay Kumar Sahu and Mr. G. V. Ravi Teja, Asst. Professors, Dept of ECE.



**TRAINING ON “PROBLEM SOLVING SKILLS USING PYTHON”**

One week hands on training on **“Problem solving skills using Python”** was organized by the department of Electronics and Communication Engineering (ECE) for the Third Year ECE students of ANITS (Anil Neerukonda Institute of Technology and Sciences). Trainers from AP State Skill Development Corporation (APSSDC), Vijayawada, conducted the hands on training from 20.01.2020 to 25.01.2020. About 197 students from third Year ECE were participated and gained hands-on experience of Python Basic & Advanced. The program was conducted in the Project lab (ECE) ,Sales force lab (IT) and APSSDC lab(MECH).. The students were very much happy by writing program on Python on their own and thanked the HOD, Faculty and student coordinators for their valuable support and guidelines and expressed their heartfelt thanks to the trainers of APSSDC Vijayawada for their caring approach, during programming practices. Mr. N. Ramkumar, Workshop Coordinator & Assistant professor of ECE department thanked the trainers for tirelessly supporting & encouraging the students during this one week. This program is a joint venture of IETE Students Forum (ISF) of ANITS and ANITS Communication Engineers Society (ACES).

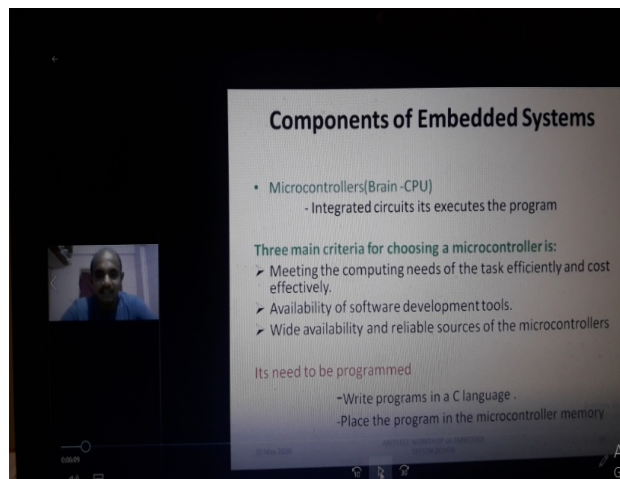
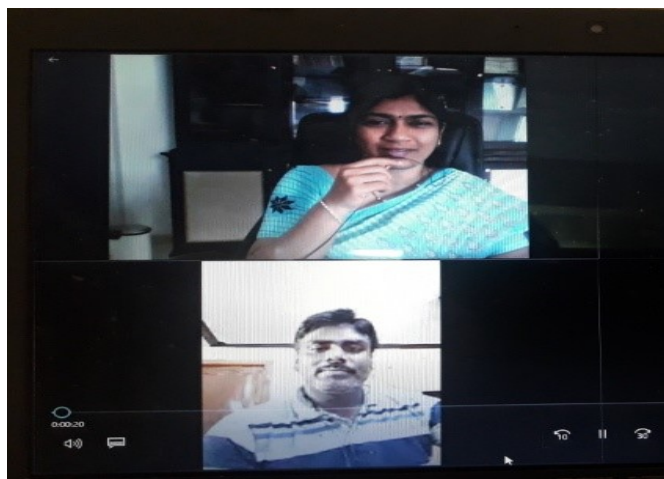


**WORKSHOP ON “AUTOMATION ANYWHERE”**

Two days workshop on **“Automation anywhere”** was organized by the department of Electronics and Communication Engineering (ECE) for the Third Year ECE students of ANITS (Anil Neerukonda Institute of Technology and Sciences). Trainers from FACE Academy, Visakapatnam, conducted the workshop from




29.11.2019 to 30.11.2019. About 150 students from third Year ECE were participated. The workshop is dedicated for beginners who have no previous experience with any RPA software tool. During the course, students were able to watch lecture videos on Automation Anywhere software. The program was conducted in the Project lab (ECE) & Sales force lab (IT). Dr.V.Rajyalakshmi, HOD, ECE and Mr. N. Ramkumar, Workshop Coordinator & Assistant professor of ECE department thanked the trainers for tirelessly supporting & encouraging the students during this Two Days.



### TWO DAYS ONLINE WORKSHOP ON “EMBEDDED SYSTEM DESIGN ON 8-BIT MICROCONTROLLER USING KEIL (IDE)”

Two days online Workshop on “EMBEDDED SYSTEM DESIGN on 8-bit MICROCONTROLLER USING KEIL (IDE)” was organized by the department of Electronics and Communication Engineering (ECE) for the Students and faculties from various colleges across the country. Mr.N.Ramkumar,Assistant Professor/ECE,ANITS acted as a resource person for both the days(29.05.2020 & 30.05.2020) .About 291 members registered out of which 128 members were participated and gained hands-on experience on Microcontroller and Embedded C Programming using KEIL(IDE) . The program was conducted through GoTo meeting online platform.



**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES**  
(UGC AUTONOMOUS)  
(Approved By AICTE , Affiliated to AU, and Accredited By NBA & MAAG 'A')  
Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.

**Department of Electronics and Communication Engineering**

**Presents**

**A National level 5 Day Technical E-Quiz Series**

**Timings: 2:00PM to 4:00PM**

Dates	Topics
Day - 1 10-06-2020	Signal & Image Processing using MATLAB
Day - 2 11-06-2020	VLSI Design and Verification using CAD Tools
Day - 3 12-06-2020	Embedded Systems and IoT using Tinkercad
Day - 4 13-06-2020	Wireless Communication Systems
Day - 5 14-06-2020	Outcome Based Education & NBA Accreditation

♦ Participation Certificates will be provided who scores more than 50% scores. Merit Certificates will be provided to those who score more than 80% score.  
 ♦ Excellence certificate will be provided at the end of all quizzes who receives merit certificates on every day quiz.

**For everyday Quiz link join in Telegram Group**

<https://t.me/joinchat/Dg1cRBAgk3ncRgTWC1dD8en>

**Convener**  
Dr.V.Rajya Lakshmi  
Professor & Head, ECE

**Coordinators**  
Ms.Ch.Anousha, Asst.Prof.  
Dr.K.V.G.Srinivas, Asst.Prof

### NATIONAL LEVEL 5-DAY TECHNICAL E-QUIZ SERIES

A Five DayE-Quizseriesfrom 10th to 14th June, 2020 organized by Department of Electronics & Communication Engineering, ANITS for the faculty and research scholars from various colleges across the country. The main objective of this program is to create an awareness on various technical simulation tools by giving few simulation based questions in each subject. The scope of this online E-Quiz series is to enhance the knowledge on technical tools which are highly involved in providing outcomebased education. Among five days, first four days we have concentrated on technical subjects and on fifth day we have conducted quiz on Outcome Based Education & NBA Accreditation.





## TRAINING PROGRAM ON DATA STRUCTURES USING PYTHON AND DBMS

One week hands on training on “Data Structures using Python and DBMS” was organized by the department of Electronics and Communication Engineering (ECE) for the Third Year ECE students of ANITS (Anil Neerukonda Institute of Technology and Sciences). Trainers’ from Talentio Solutions, Hyderabad conducted the hands on training from 10.02.2020 to

15.02.2020. About 161 students from third Year ECE participated and gained hands-on experience of Python and DBMS Concepts. The program was conducted in the DSP Lab (ECE) and Sales force lab (IT).

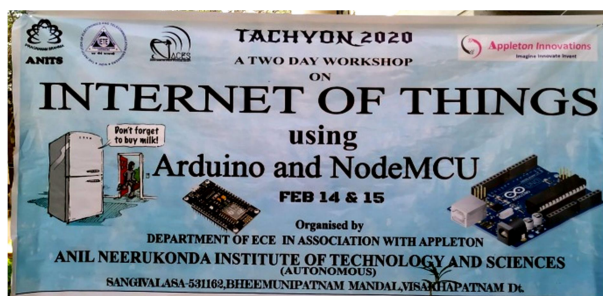
## INDUSTRY INSTITUTE INTERACTION



### MOU WITH APPLETON

## TWO DAY WORKSHOP ON “INTERNET OF THINGS (IOT) USING ARDUINO AND NODE MCU”

The department of ECE, ANITS has organized a Two day workshop on “Internet of Things (IOT) using Arduino and Node MCU” in association with Appleton Innovations on 14<sup>th</sup> & 15<sup>th</sup> FEB 2020 as a prefest event in TACHYON 2020 of ECE. A total of 163 students participated in the workshop. Among the participants 41 are from 1<sup>st</sup> year and 122 are from 2<sup>nd</sup> year. The workshop is conducted in two venues; one is at seminar hall, Dept. of ECE and APSSDC lab in Mechanical Engineering department with 88 students and 76 students in each respectively. In this regard, students are grouped in batches and each batch consists of 4 members. Resource person has discussed about basic programming and installation of Arduino board and its libraries. As a part of this, a hands on session was done for the basic LED blinking program. Next Voice control home automation using google assistance using IFTTT. How to create applets in IFTTT and controlling LEDs (ON and OFF) by voice, and also red, blue and green colors of RGB LED can blink by using voice.





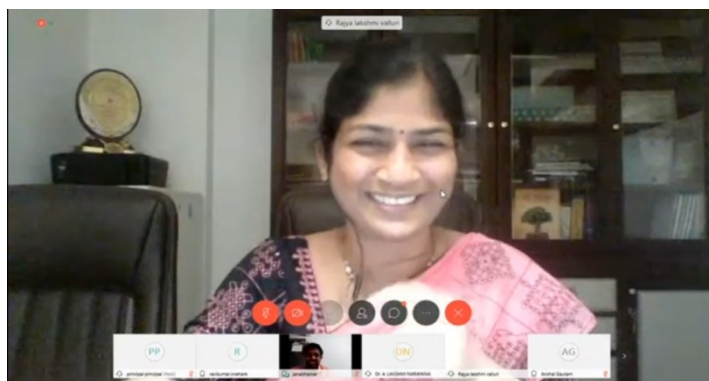
## STUDENT INDUSTRY VISIT

III/IV ECE students undergone for industry visit of ALL INDIA RADIO on 11<sup>th</sup> & 13<sup>th</sup> September 2019.

## INDUSTRIAL TRAINING

211 Students of ECE had undergone training during May 2020 in the following Companies.

TEKBLIZZ [16], IIRS-ISRO [122], COURSERA [70], SKILLUP ON AI [2] & ELEMENTS OF AI [1]



## A FIVE DAY NATIONAL LEVEL ONLINE FACULTY DEVELOPMENT PROGRAM ON “SKILL DEVELOPMENT FOR EFFECTIVE RESEARCH AND TEACHING - LEARNING PROCESS”

A Five Day National Level Online Faculty Development Program is arranged for the benefit of faculty on “Skill Development for Effective Research and Teaching - Learning Process” is organized by the department of ECE from 8<sup>th</sup> to 12<sup>th</sup> June, 2020 for the faculties from various colleges across the country. The main objective of this program is to provide an exposure of Research and advanced Teaching – Learning platforms. The scope of this online Faculty development program covers Latex, Thesis writing, Research Proposal & IPR, Innovative Teaching-Learning and Evaluation process. 2552 Participants registered out of which 1292 Participants Attended.

**ANIL NEERUKONDA**  
**INSTITUTE OF TECHNOLOGY AND SCIENCES**  
Sangivalasa, Bheemunipatnam (Md), Visakhapatnam-531162

Department of Electronics & Communication Engineering

A Three Day National Level Online Faculty Development Program on  
 Image Processing and Computer Vision (IPCV)

**Dates:** 29 - 31 May, 2020    **Time:** 5:00 PM - 6:00 PM

**Session Details:**

- Session 1:** Introduction to IPCV.
- Session 2:** Fundamental end to end pipeline and python programming.
- Session 3:** Real time problems and solutions in IPCV.

**Dr. Karthik Seemakurthy Ph.D(IIT Madras)**  
 Research Scientist  
 TCS Research & Innovation labs

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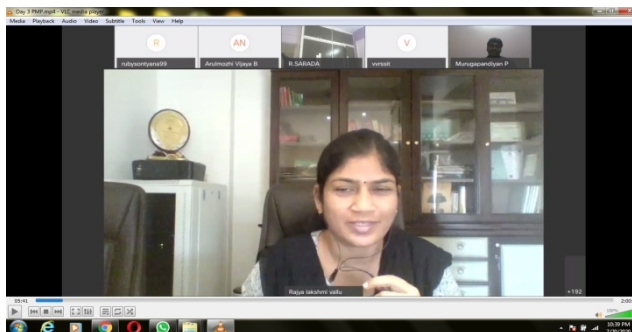
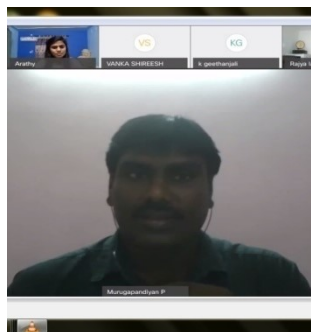
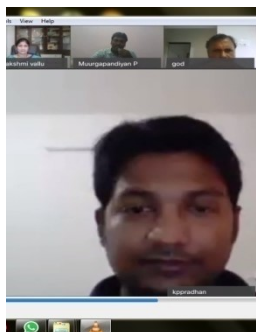
**Convener:**  
 Dr. V. Rajya Lakshmi,  
 Professor & Head, ECE

**Coordinators:**  
 Mr.N Srinivasa Naidu  
 Asst. Professor, ECE  
 Dr. J. Bhaskara Rao,  
 Asst. Professor, ECE

## A THREE DAY NATIONAL LEVEL ONLINE FACULTY DEVELOPMENT PROGRAM ON "IMAGE PROCESSING AND COMPUTER VISION (IPCV)"

A Three Day National Level Online Faculty Development Program is arranged for the benefit of faculty on "Image Processing and Computer Vision (IPCV)" is organized by the department of ECE from 29<sup>th</sup> to 31<sup>st</sup> May 2020 for the faculties from various colleges across the country. The main objective of this program is to provide an exposure of image processing in real time problems. 646 Participants registered out of which 228 Participants Attended.





## **A FIVE DAY NATIONAL LEVEL ONLINE FACULTY DEVELOPMENT PROGRAM ON “OPPORTUNITIES AND CHALLENGES IN NEXT-GENERATION SEMICONDUCTOR DEVICES”**

A Five Day National Level Online Faculty Development Program on “Opportunities and Challenges in Next-Generation Semiconductor Devices” from 16th to 20th June 2020 organized by Department of Electronics & Communication Engineering, ANITS for the M.Tech/PhD students and faculties from various colleges across the country. The main objective of this program is to provide an exposure of advanced semiconductor devices for next generation electronics. The scope of this online Faculty development program covers the whole value chain of silicon devices, technology and heterostructure devices i.e from material & equipment to device makers and power devices as well as creation of their production. 1210 Participants registered out of which 522 Participants Attended.



### **NBA EXPERT VISIT**

ECE department Faculty had attended the interactive session on “Process for NBA Accreditation” by Prof.O.G.Kakde, Director, IIIT Nagpur on 21<sup>st</sup> December 2019 organized by ANITS, Sangivalasa. In view of this Prof.O.G.Kakde visited the department and given the valuable suggestion to faculty for upcoming NBA visit.

### **NBA VISIT BY K.C.B. RAO**

Department Faculty had an interaction with Dr. K.C.B Rao, JNTU Vizianagaram IIIT Nagpur on 21<sup>st</sup> December 2019 organized by ANITS, Sangivalasa. In view of this Prof.O.G.Kakde visited the department and given the valuable suggestion to faculty for upcoming NBA visit.



### **ORIENTATION PROGRAMME FOR FIRST YEAR STUDENTS**

Orientation Program for First Year Students for the admitted batch 2019-20 was organized by department of ECE during 19<sup>th</sup> August to 30<sup>th</sup> August 2019. HOD introduced the faculty and various facilities provided by the college to student in their four years of engineering life. As part of it, Technical quiz was conducted by the Department of ECE. 106 students were participated in this event.





### PARENTS MEETING

The Department of ECE, ANITS conducted the **Parents Meeting** for III/IV ECE and II/IV ECE parents on 28<sup>th</sup> December 2019 from 9:00AM to 1:00PM. 24 parents of second year student's and 10 parents of third year students were participated in the meeting. The main objective of the meeting was to create a common platform, where teacher and parents come together to discuss student's performance and devise ways to enrich their learning experience. The meeting was addressed by Prof.T.Hanumantha Rao, Principal ANITS and the Head of the Department Dr.V.Rajya Lakshmi. The department Head welcomed all the parents to the meeting and delivered an informative presentation. HOD introduced the faculty to parents and created the awareness for OBE system to parents. Parents were encouraged to appreciate student's participation in all academic activities. This helped to create the necessary consciousness among parents to stimulate their interest in the students. The program was ended with a Lunch.

### TACHYON 2020

TACHYON-2020 which is organized by the Department of Electronics & Communication Engineering in association with ANITS Communication Engineers Society (ACES) of Anil Neerukonda Institute of technology and sciences (ANITS) is inaugurated today on 25th of February, 2019 and will be conducted for two days 25th and 26th of February, 2020. The inauguration function was graced by Dr. Rajkumar Goswamy, Addl Command Electrical Officer is the chief guest. Mr.Naveen Nirukonda, Treasurer, ANITS, Dr. T.V.Hanumantha Rao, Principal, Dr. V.Rajya Lakshmi, HOD, ECE, shared the dais.





## PREFEST EVENTS:



### BUSINESS COMBAT:

A total of 62 teams have registered for the event. The size of the team varies from 2-4. The first round was conducted on 14<sup>th</sup> February 2020. The first round is an online round where all the participating teams are given two cases to which they have to give their best possible solution. A

total of 30 teams were shortlisted for the second phase of Business Combat. The Final Event consists of **Business Planning, Financial Planning and Marketing Strategy**. Presentations will be made by the contestants before the Judges of the industry in order to evaluate their performances. Guests as well as judges of the day were Mr. Madhav Reddy [“Bharat Shiromani Awardee 2018” (For excellence in Entrepreneurship) Leadership Coach, Motivational Speaker & Corporate Trainer Startup Mentor & Curator Certified Lean Six Sigma Black Belt.], Mr. Gangadhar Chowdary T [CEO, Managing Director, Pivotalsoft IT Services P. LTD] and Mr. Sridhar Kambala [Technical Program Manager at Evolutyz Corp].

**MOCK DRIVE:** Conducted in three rounds like Written Exam, Group Discussion and Final Interview with the following resource persons Ms. Saeeda Sayed (Senior Counsellor), Ms. Logitha P (Admin Executive) and Mr. Naidu Ravada (Admin Incharge) of Edwise International LLP, Dwarakanagar, Visakhapatnam. Out of 154 Registered Candidates, 70 Qualified for Round -1 (Written Exam), 34 Qualified for Round -2 (Group Discussion) and Final Winners after Round-3 (Interview) are 07.



S.No	Name of the Student	Section	Prize
1	Sunkara Lakshmi Naga Sameera	3/4 ECE-B	1
2	Yesalapu Arjuna Rao	3/4 ECE-C	2
3	Saripalli Hruthika	3/4 ECE-B	2
4	Surya Divya	3/4 ECE-C	3
5	Pentakota Manjusha	3/4 ECE-B	3
6	Ravi Teja	3/4 ECE-B	3
7	Teeda Indu Priya	3/4 ECE-C	4

**PHOTOGRAPHY:** Photography contest has been conducted from 5<sup>th</sup> to 20<sup>th</sup> FEB 2020. The Photography contest is conducted Online in our Instagram official page (Tachyon 2020) of ECE Department. Out of 29 participants there are two winners. First winner is decided by M. Suresh (Photographer) and first gift is worth 500/- given to Sai Venkatesh Sunkara on the theme Fauna. Second winner is declared based on more number of likes on our Instagram page. Second winner gift is worth 300/- given to Harsha Bandaru.



**ACTING WARS:** This contest has been conducted from 4<sup>th</sup> to 18<sup>th</sup> FEB 2020. It is conducted Online in our Instagram official page (Tachyon 2020) of ECE Department. 1st winner G. Reshma (2/4 Ece-C, ANITS), No. of Likes: 1331, has been taken on the basis of Highest likes on their Video (The moto is to Promote Tachyon2020 page) 2nd winner Afreen Firdaus (4/4 Ece-C, ANITS) is taken on the basis of Performance (To Encourage Talent).



**KNOWLEDGE HUNT:** This is purely a non technical quiz competition conducted as a part of pre-fest event in Tachyon 2020. In this a team consists of 2 persons with nearly 65 teams have participated. Firstly we conducted screening test. Then 10 teams are short-listed for final quiz that have different types of rounds like: Mythology, General Knowledge, Current Affairs, Cinema Knowledge & Visual Round. First prize : K.Raj kumar & K.K Karthik of  $\frac{3}{4}$  Mech-B, Second prize : M.V.R Nikhil & K.Sri Varsha of 4/4 Cse-A and Third prize : U.V Harish & Ch.Deekshith of  $\frac{3}{4}$  Cse-B.

**FLASHMOB:** Every year as a part of promotional events of Tachyon 2020 we conduct “Flash Mob”. Around 600 students from our department attended the event. It helped us to spread awareness through entertainment and in promoting our sponsors. We conducted flash mob on 23rd Feb 2020 and the response was huge as more than 600 students attended the event making it successful. The event started at 5:00 pm and went on for half an hour. The event was conducted with a theme song to “avoid plastic”. The event was a huge success as it made the crowd roar in enjoyment. It was the perfect beginning to the grand event TACHYON 2020.



**2K RUN:** Every year as a part of the Annual Techfest of Department of ECE, we conduct awareness programs addressing various issues like Girl Education, Cleanliness, Corruption, Eve Teasing, Women Empowerment, etc. This Year we conducted a run to throw light on the “importance of Farming” at beach road from 6:00 am to 8:00 am on 23rd Feb 2020 with around 300 students. The event





started at 6:30 am from kalimatha temple at beach road to YMCA. After the marathon, the top three runners were awarded with prizes. Students danced to the theme song conveying the message “Importance of Farming” which was very moving. Later there was a breif “Zumba Dance” session in which trainers brought out the dancers in all the participants.

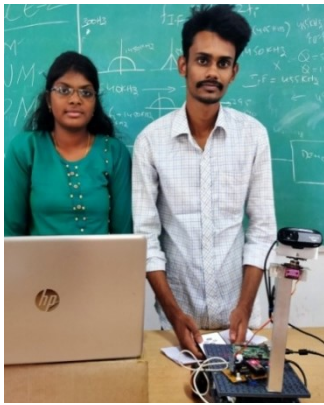
### TECHNICAL EVENTS:

**PAPER PRESENTATION:** As a part of Tachyon 2020, we received more than 100 papers from internal and external participants out of which 38 papers were selected for the presentation based on the quality of the technical content. Totally 5 sessions are conducted in two venues for the two days paper presentation event. In order to encourage the students for participating in paper presentation event, two prizes are awarded for each venue. The prize winners are awarded with merit certificates with cash prize of 1500/- for 1st prize and 750/- for each 2nd prize.

**Venue 1: B-104: 1st Prize:** Paper title: “Gustures supervise machine” from III/IV ECE ANITS, with Group members as S. Divya, S. K. M. B. Subhani, K. Surya Pavan & Y. Arjun Rao. **2nd Prize: (a)** Paper title: “Audio Transfer Using Li-Fi” from III/IV ECE ANITS, with Group members as T. Abhigna, A. Pasyanthi Padma Malini, A. Raghuvu, A. Dinesh. **(b)** Paper Title: “Human Fall Detection” from II/IV ECE ANITS, with Group members as Sai Kiran Patro, K. Harshini.

**Venue 2: B-101: 1st Prize:** Paper title: “Brain Fingerprinting technology” from III/IV ECE ANITS, with Group members as P. Promod, S. V. S. Sai.Pradeep, P. Praveen, B. S. Akhilesh. **2nd Prize: (a)** Paper title: “An Integrated Brain-Machine Interface with Thousands of Channels” from II/IV ECE ANITS, with Group members as S. S. Venkatesh, S. Pavan Kumar. **(b)** Paper Title: “Hybrid Electric Vehicle” from II/IV ECE ANITS, with Group members as P. Srinivas Teja, K. Saikiran.

**HARDWARE EXPO:** On the occasion of Tachyon 2020 a Two days Hardware expo has been organized by Tinkerer’s Lab of department of ECE in association with professional bodies IETE and ACES. A total of 209 students participated in the Hardware Expo. Among the participants 24 were from GMRIT and GPT colleges and the others were from ANITS. The workshop is conducted at EDC Lab &ICA lab of ECE department with 34projects and 27projects in each Venue respectively. Initially only 4 prizes were allocated for the Expo with an amount of Rs.11, 000 /- as per the guidelines from the organizing committee. But due to the immense response and to justify the hard work carried-out by the students to solve the real-time problems with their innovative approach, the no. of prizes had been increased to 10 weighing an astonish amount of Rs. 22,000 /- by the HOD Madam & Judges of the event after the discussion with the Tachyon 2020 organizing committee. The prize winners are awarded with merit certificates with cash prize of 4000/- for each 1<sup>st</sup> prize, 3000/- for single 2<sup>nd</sup> prize, 2000/- for each 3<sup>rd</sup> prize and 1000/- for each Consolation prize.



**1st Prize:** (a) Title: “Think AI BOT for Surveillance” by K. Siva Rama Praveen and K. Amrutha. (b) Title: “High Beam Controller” by K.Vijaytej, Y.Avinash, G.Kasi Viswanadh and A.Pasyanthi. **2<sup>nd</sup> Prize:** Title: “AID Kit for Persons with Smell Sense Disability” by V.Chandramouli and V.Suvidhya. **3<sup>rd</sup> Prize:** (a) Title: “Arduino Based Smart IOT Food Quality Monitoring System” by P.Govadhan, B.Pantho, B.Pavan Khagesh, P.V.S Manidhar. (b) Title: “POV Digital Displaying Fan” by G.Goutham, N.Naveen, Y.Kranthi Swaroop and T.Yeshwanth Ganesh. (c) Title: “Driver Drowsy Detection and Accident Avoidance” by K.Akshaya, M.Pujitha Yadav, G.Pricille and R.Asha. (d) Title: “Bone Conduction” by John Kumar, Ganesh, Kalyan Ram and Pavan Kalyan. **Consolation Prize:** (a) Title: “Power Conservation” by P.P.A.Sriya, T.Vandhana, A.Pavan Sadhguna and G.Teja Vinay. (b) Title: “Human Fall Detection System” by V.V.S.Sai Kiran, P.V.S.Teja, K.Harshini and Sai Kiran Patro. (c) Title: “Controlling Electronic Appliances Using RF Pair” by B.Venkata Sai and K.Damodhar.

### NON TECHNICAL EVENTS:

**ART EXPO:** This event concentrated on exposure of hidden talents in students related to arts such as Painting, pencil sketches, handmade crafts, charcoal art, etc...All the arts are collected and exhibited in room B-305. We got 141 arts exhibited during two days of Tech Fest. The Expo is concluded with 11 winners.

**LAN GAMING:** This event is especially for those whose passion is gaming. Need for speed, Naruto ninja storm, Pro evolution soccer.

**FANDOM:** Fandom is an event conducted based on the movie knowledge in four categories. The four categories are Marvel, DC, Harry Potter and Game of Thrones. This was conducted on the first day of the fest. This event consists of two rounds in which the first round is based on a 40-mark question paper. 53 members have participated in the first round. After that, 12 members are shortlisted (3 members from each category) according to the score they secured in their first round.

In the second round, PPT will be shown and we must identify the character or movie dialogue displayed on the screen. At last, two teams won the event with first and second positions respectively. **WINNERS:** B.Chaitanya, Ranjit Kumar Paul, Tanmay Daud & T.Pooja. **RUNNERS:** S.S Ravi Teja, A. Dinesh, P.Pavan Kumar & G.Chaitanya.





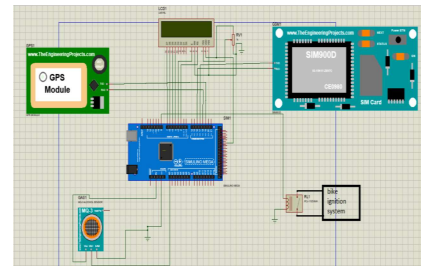
## TELUGU PALUKU:



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## PATENT FILED

Patent filed on July 13, 2020 for the invention titled **“METHOD AND SYSTEM FOR AVOIDANCE OF ACCIDENTS”** by Dr.V.Rajyalakshmi, HOD, Mr.B.Chandra Mouli, Asst. Porof. & Ch. Sai Kishore Student.



## FACULTY ACHIEVEMENTS

S.No	Name of the Faculty	Dept	Award/Special Achievements	Name of the Organization	Date of Achievement
1.	Dr.V.Rajyalakshmi, HOD,	ECE	Awarded as <b>“Outstanding Woman in Engineering”</b> For the contribution and achievement in the field of Electronics and Communications	5TH VENUS INTERNATIONAL WOMEN AWARDS - VIWA 2020 by the Centre for Advanced Research and Design (CARD) of Venus International Foundation (VIF), Chennai	March 2020
2.	Dr.V.Rajyalakshmi, HOD,	ECE	<b>Guided Ramesh Manikonda successfully for his award of Ph.D degree</b> on thesis entitled “Investigations on Performance Characteristics of Textile Antennas using Electromagnetic Band Gap Structures (EBG) and Defected Ground Structures (DGS) for Wearable Applications”	Andhra University	July 2020
3.	Dr.A.Lakshmi Narayana Asst., Prof.,	ECE	awarded <b>“Excellence Young Scientist Award”</b> For hard work and commitment to the profession	SPNS Technologies, Guntur and Novel Patent Services, Visakhapatnam	March 2020.
4.	Dr.A.Lakshmi Narayana Asst., Prof.,	ECE	awarded with <b>Ph.D</b> for his thesis work titled “Development of Bandwidth Based VHA along with Hybrid PAPR Reduction technique	GITAM(Deemed to be University).	August 2019

			for Next Generation Wireless Heterogeneous Networks”		
5.	Dr.G.Manmadharao	ECE	Recognized as CO-Supervisor	Andhra University, Visakhapatnam	September 2019
6.	Dr.B.Somasekhar	ECE	Recognized as CO-Supervisor	Andhra University, Visakhapatnam	September 2019
7.	Dr.B.Somasekhar	ECE	CO-Supervisor	Annamalai University, Tamilnadu	September 2019
8.	Ms.V.Shireesha, Asst.Prof	ECE	Qualified UGC NET-2019 (Assistant Professor)	National Testing Agency	December 2019
9.	Mr.B.Chandra Mouli, Asst.Prof	ECE	Qualified UGC NET-2019 (Assistant Professor)	National Testing Agency	December 2019
10.	Ms.V.Shireesha, Asst.Prof	ECE	Qualified UGC NET-2019 (Assistant Professor)	National Testing Agency	June 2019
11.	Mr.N.Srinivas Naidu, Asst.Prof	ECE	Selected as evaluator for DST & Texas Instruments(TI) Inc, Innovative Challenge Design Contest (IICDC 2019)	DST & Texas Instruments(TI)	October 2019
12.	Mr.J.Bhaskara Rao, Asst.Porf,	ECE	Selected as active Professional member of the Institute For Engineering and Research Publications - IFERP	Institute For Engineering and Research Publications - IFERP	January 2020
13.	Ms.P.Devi Pradeep, Asst.Prof	ECE	Got certificate of appreciation for being recognized as a NPTEL Motivated Leader	NPTEL	December 2019
14.	Mr.J.Bhaskara Rao, Asst.Porf	ECE	Reviewer for the article titled “ A cost-effective data node management scheme for hadoop clusters in C”	Symposium on Machine Learning and Metaheuristics Algorithms, and Applications (SOMMA-19)	December 2019.
15.	Mr.J.Bhaskara Rao, Asst.Porf	ECE	Reviewer for the article titled “A C-LSTM with Attenuation Mechanism for Question Categorization”	Symposium on Machine Learning and Metaheuristics Algorithms, and Applications (SOMMA-19)	December 2019.
16.	Mr.J.Bhaskara Rao, Asst.Porf	ECE	reviewer for the article titled “Students Perceived Engagement in Technology Enhanced Flipped Language”	5th International Conference on Education and Technology (ICET 2019).	December 2019.
17.	Ms.Ch.Anoosha, Asst.Prof	ECE	Recognized as a mentor for NPTEL course Digital Circuits	NPTEL , IIT Maras	July-December 2019
18.	Ms.P.ChayaDevi, Asst.Prof	ECE	Recognized as a mentor for NPTEL course Introduction to programming in C	NPTEL , IIT Maras	July-December 2019
19.	Ms.Ch.Anoosha, Asst.Prof	ECE	Nominated as a member of the prestigious “Confederation of Elite Academicians of IICDC” for outstanding contributions and stellar commitment to inspiring engineering students to innovate and create ground breaking solutions	AICTE and IIM Bangalore	November 2019
20.	Mr.N.Srinivas Naidu, Asst.Prof.	ECE	Nominated as a member of the prestigious “Confederation of Elite Academicians of IICDC” for outstanding contributions and stellar commitment to inspiring engineering students to innovate and create ground breaking	AICTE and IIM Bangalore	November 2019



			solutions		
21.	Mr.N.Ram Kumar, Asst.Prof.	ECE	Nominated as a member of the prestigious “Confederation of Elite Academicians of IICDC” for outstanding contributions and stellar commitment to inspiring engineering students to innovate and create ground breaking solutions	AICTE and IIM Bangalore	November 2019
22.	Mr.J.Bhaskara Rao, Asst.Porf	ECE	Selected as a technical program committee member for Symposium on Machine Learning and Metaheuristics Algorithms, and Applications (SOMMA-19)	IEEE Communications Society organized at Indian Institute of Information Technology and Management-Kerala (IIITM-K)	November 2019
23.	Mr.J.Bhaskara Rao, Asst.Porf	ECE	Selected as a technical program committee member for 5th International Symposium on Intelligent Systems Technologies and Applications (ISTA'19)	IEEE Communications Society organized at Indian Institute of Information Technology and Management-Kerala (IIITM-K)	November 2019
24.	Mr.J.Bhaskara Rao, Asst.Porf,	ECE	Selected as a National Advisory Member for the International Conference on Advances in Science, Engineering and Technology (ICASET-2020)		November 2019
25.	Mr.J.Bhaskara Rao, Asst.Porf,	ECE	Selected as a technical program committee member for 3rd International Conference on Computer Applications & Information Security (ICCAIS-2020)		November 2019
26.	Mr.J.Bhaskara Rao, Asst.Porf,	ECE	Selected as a technical program committee member for International Conference on Smart Education and Applied Social Sciences (SEAS'20)		November 2019
27.	Mr.J.Bhaskara Rao, Asst.Porf,	ECE	Selected as a technical program committee member for The Symposium on Signal Processing for Wireless and Multimedia Communications (SPWMC'19)	Technocity Campus, Pallippuram, Trivandrum	November 2019
28.	Mr.J.Bhaskara Rao, Asst.Porf	ECE	Selected as a technical program committee member Symposium on VLSI Design and Embedded Computing (VDEC'19)	IEEE Communications Society organized at Indian Institute of Information Technology and Management-Kerala (IIITM-K)	November 2019
29.	Mr.J.Bhaskara Rao, Asst.Porf	ECE	Reviewer for the article titled "Arabic Handwritten Character Recognition using Machine Learning Approaches"	International Conference on Image Information Processing	November 2019
30.	Mr.J.Bhaskara Rao, Asst.Porf	ECE	Reviewer for the article titled "Hardware Implementation of Fixed Point BRAM FIR Filter for Signal Processing Application Using FPGA"	International Conference on Image Information Processing	November 2019
31.	Mr.J.Bhaskara Rao, Asst.Porf	ECE	Selected as a technical program committee member for International Conference on Communication Systems and Network Technologies (CSNT-	IEEE MP Sub Section and MIR Labs, Gwalior	August 2019

			2020)		
32.	Mr.N.Srinivas Naidu, Asst.Prof.,	ECE	Appreciated by for Inspiring the students for various competitions	iB Hubs Super 30	August 2019
33.	Dr.D.Eswar chaitanya Asst.Prof.,	ECE	Reviewer for the article titled "Pedestrian Localisation in the typical Indoor Environments"	International Journal of Communication Systems	June 2019

### BOOK / CHAPTER PUBLICATIONS

S. No	Name of Author	Name of the Publisher	Title of the book	Year
1.	Dr.B.Somasekhar	LAMBERT Publications (International Publisher)	Investigations on MIMO-OFDM wireless communication system (Performance Analysis on PAPR reduction and Interference Mitigation)	April, 2020
2.	Dr.P.Murugapandian, Assoc.Prof., Dr.V.Rajya lakshmi, Prof., HOD Mr.N.Ramkumar Asst.Prof., ECE	Springer, Singapore	Book chapter titled "GaN-Based High-Electron Mobility Transistors for High-Power and High-Frequency Application: A Review" in "Innovations in Electronics and Communication Engineering" a Lecture Notes in Networks and Systems	April 2020
3.	Mr.B.Jena	Walter de Gruyter	Book chapter titled "Nature-Inspired Optimization Algorithm and Benchmark Functions: A Literature Survey" in a book titled "Computational Intelligence: Theoretical Advances/Advanced Applications"	May 2020

### NPTEL CERTIFICATION COURSES

1. Dr.P.Murugapandiya, Assoc.Prof ECE has completed and got silver in NPTEL online Certification course in Accreditation and outcome based learning with a consolidated score of 81% from IIT Kharagpur in the duration August-October 2019 (8 weeks).
2. Ms.V.Shireesha, Asst.Prof ECE has completed and got silver in NPTEL online Certification course in Accreditation and outcome based learning with a consolidated score of 85% from IIT Kharagpur in the duration August-October 2019 (8 weeks).
3. Dr.A.LakshmiNarayana, Asst.Prof ECE has completed NPTEL online Certification course in Accreditation and outcome based learning with a consolidated score of 72% from IIT Kharagpur in the duration August-October 2019 (8 weeks).
4. Mr.B.Chandra Mouli, Asst.Prof ECE has completed NPTEL online Certification course and got silver certificate in Accreditation and outcome based learning with a consolidated score of 82% from IIT Kharagpur in the duration August-October 2019 (8 weeks).
5. Mr.G.Viswanadh Ravi Teja, Asst.Prof ECE has completed NPTEL online Certification course in Accreditation and outcome based learning with a consolidated score of 55% from IIT Kharagpur in the duration August-October 2019 (8 weeks).
6. Ms.P.ChayaDevi, Asst.Prof ECE has completed and got silver in NPTEL online Certification course in Introduction to research with a consolidated score of 80% from IIT Maras in the duration August-October 2019 (8 weeks).
7. Ms.G.Gayatri, Asst.Prof ECE has completed NPTEL online Certification course in Introduction to research with a consolidated score of 62% from IIT Maras in the duration August-October 2019 (8 weeks).



8. Ms.V.Shireesha, Asst.Prof ECE has completed and got silver in NPTEL online Certification course in Digital Image Processing with a consolidated score of 80% from IIT Madras in the duration July-October 2019 (12 weeks).
9. Ms.Ch.Anoosha, Asst.Prof ECE has completed NPTEL online Certification course in Principles and Techniques of Modern Radar Systems with a consolidated score of 48% from IIT Maras in the duration July-October 2019 (12 weeks).
10. Mr.R.ChandraSekhar, Asst.Prof ECE has completed and got silver in NPTEL online Certification course in Principles of Modern CDMA/MIMO/OFDM Wireless Communications with a consolidated score of 75% from IIT Kanpur in the duration August-October 2019 (8 weeks).
11. Ms.M.Nirmala, Asst.Prof ECE has completed NPTEL online Certification course in Microwave Theory and Techniques with a consolidated score of 69% from IIT Bombay in the duration July-October 2019 (12 weeks).
12. Mr.P.Devi Pradeep, Asst.Prof ECE has completed NPTEL online Certification course in Sensor and Actuators with a consolidated score of 62% from IISc Bangalore in the duration July-October 2019 (12 weeks).
13. Mr.B.Jena, Asst.Prof ECE has completed and got silver in NPTEL online Certification course in Accreditation and outcome based learning with a consolidated score of 86% from IIT Kharagpur in the duration August-October 2019 (8 weeks).
14. Dr.G.Manmadha Rao, Prof., ECE has completed NPTEL online Certification course in Accreditation and outcome based learning with a consolidated score of 71% from IIT Kharagpur in the duration August-October 2019 (8 weeks).
15. Ms.D.Nagamani, Asst.Prof ECE has completed NPTEL online Certification course in Digital Image Processing with a consolidated score of 73% from IIT Madras in the duration July-October 2019 (12 weeks).
16. Ms.P.Devi, Asst.Prof ECE has completed NPTEL online Certification course in Introduction to research with a consolidated score of 67% from IIT Maras in the duration August-October 2019 (8 weeks).

#### **WORKSHOPS/ SEMINARS/ CONFERENCE/ FDPS ATTENDED BY FACULTY**

S.No	Name of the Faculty	Name of Workshop/Conference/Seminar details	Type of Workshop/Conference/Seminar (National/International)	Attended		Name of the Organization	Remarks if any
				From	To		
1.	Mr.J.Bhaskara Rao Asst.Prof ECE	National Conference titled "Innovative Mechanisms & Standards for Assuring Quality in HEIs- IAQHEI 2020"	National	06.03.2020	07.03.2020	KL University, Guntur	Participated
2.	Dr.P.Murugapandian, Assoc.Prof	International Conference on Computing, Communication, Electrical and Electronics Engineering ICCCEEE-2020	International	10.01.2020	11.01.2020	G.Pulla Reddy Engineering College (Autonomous), Kurnool	presented a paper
3.	Ms.P.ChayaDevi, Asst.Prof	5th International Conference on Micro-Electronics,	International	06.12.2019	07.12.2019	dept.of ECE, Raghu Institute of Technology,	presented

		Electromagnetics and Telecommunications (ICMEET)				Visakhapatnam	a paper
4.	Mr.KVG.Srinivas Mr.N.Srinivas Naidu	5th International Conference on Micro-Electronics, Electromagnetics and Telecommunications (ICMEET)	International	06.12.2019	07.12.2019	dept.of ECE, Raghu Institute of Technology, Visakhapatnam	presented a paper
5.	Ms.P.ChayaDevi, Asst.Prof. Ms.B.Deepa Asst.Prof.	5th International Conference on Micro-Electronics, Electromagnetics and Telecommunications (ICMEET)	International	06.12.2019	07.12.2019	dept.of ECE, Raghu Institute of Technology, Visakhapatnam	presented a paper
6.	Ms.B.Deepa, Asst.Prof., Ms.Ch.Anoosha, Asst.Prof Ms.P.Chaya Devi Asst.Prof	6th International Conference on Information System Design and Intelligent Applications (INDIA 2019)	International	01.11.2019	02.11.2019	Department of Computer Science and Engineering, Lendi Engineering College, Vizianagaram	presented a paper
7.	Ms.G.Gayatri Asst.Prof	6th International Conference on Information System Design and Intelligent Applications (INDIA 2019)	International	01.11.2019	02.11.2019	Department of Computer Science and Engineering, Lendi Engineering College, Vizianagaram	presented a paper
8.	Dr.V.Rajyalakshmi, HOD, Dr.P.Murugapandian, Assoc.Prof Mr.N.Ram Kumar Asst.Prof,	International Conference on Chip, Circuitry, Current, Coding, Combustion & Composites (I7C-2019)	International	28.11.2019	29.11.2019	Sri Sairam College of Engineering(SSCE), Bangalore	presented a paper
9.	Mr.B.Jena, Asst.Prof	International Conference on Applied Machine Learning (ICAML)	International	27.09.2019	28.09.2019	Siksha 'O' Anusandhan Deemed to be University in Bhubaneswar, Odisha	presented a paper  SCOPUS
10.	Dr.P.Murugapandian, Assoc.Prof	8th international conference on innovations in Electronics and communication engineering (ICIECE-2019)	International	02.08.2019	03.08.2019	Dept.of ECE, Guru Nanak institutions, Hyderabad	presented a paper
11.	Ms.M.Nirmala	IEEE International	International	29.06.2019	30.06.2019	IEEE Hyderabad	pre



	, Asst.Prof	Conference on Intelligent Systems and Green Technology (ICISGT-19)				Section and IEEE Vizag Bay Sub Section at Dr.YVS.Murthy Auditorium, Andhra University, Visakhapatnam	sent a paper (IEEE Digital Library)
12.	Mr.J.Bhaskara Rao, Asst.Prof, Mr.B.Chandra Mouli, Asst.Prof	short term course on “Smart Electronics for Connected Communities (SECC-2019)	National	06.01.2020	18.01.2020	Department of Electronics Engineering, IIT (BHU), Varanasi	
13.	Ms.M.Nirmala, Asst.Prof, Ms.B.Deepa, Asst.Prof, Ms.P.Chaya Devi, Asst.Prof, Ms.P.Devi, Asst.Prof, Mr.Sahu Vijay Kumar, Asst.Prof Mr.G.V.Raviteja, Asst.Prof	workshop on “Antenna Design Using High-Frequency Structure Simulator (HFSS)”	National	26.12.2019	28.12.2019	Department of ECE, ANITS	
14.	Dr.P.Murugapandian, Assoc.Prof	Workshop on Power Semiconductor Device Modeling & TCAD Simulation	National	29.11.2019	01.12.2019	Department of Micro & Nano Electronics, School of Electronics Engineering (SENSE), Vellore Institute of Technology, Vellore, Tamil Nadu	
15.	Dr.P.Murugapandian, Assoc.Prof	Seminar on “Focused on Achieving Digital Transformation through Engineering Education and IEEE digital Packages”	National	25.09.2019	25.09.2019	Novotel, Visakhapatnam	
16.	Dr.P.Murugapandia, Assoc.Prof, Dr.S.Srinivas, Assoc.Prof, Mr.J.Bhaskara	FDP titled “Design Challenges in Deep Sub-Micron Technologies”	National	05.08.2019	19.08.2019	Department of ECE, Raghu Institute of Technology, Visakhapatnam	

	Rao, Asst.Prof., Mr.D.AnilPras ad, Asst.Prof, Mr.N.Ram Kumar Asst.Prof Ms.P.Chaya Devi, Asst.Prof						
17.	Ms.K.Yashoda , Asst.Prof	workshop on “Channel Coding in 5G”	National	24.08.2019	25.08.2019	IEEE Hyderabad section at MVGR College of Engineering(A) Vizianagaram	
18.	Ms.Ch.Anoosh a, Asst.Prof., Ms.B.Deepa, Asst.Prof	workshop on “Artificial Intelligence and Internet of Things”	National	31.08.2019	31.08.2019	Vincode Technologies conducted at Vincampus, Visakhapatnam	
19.	Mr.R.Chandras ekhar, Asst.Prof	FDP on “Next Generation Wireless Systems and Networks-Theory and Practice”	National	01.08.2019	14.08.2019	Department of Electronics and Communication Engineering, Shri Vishnu Engineering College for Women, Vishnupur, Bhimavaram	
20.	Ms.D.Nagama ni Asst.Prof., Ms.PSM.Veen a, Asst.Prof	workshop on “Hyperspectral Image Analysis and Applications”	National	19.07.2019	20.07.2019	Dept., of Geo Engineering, AU College of Engineering, AU, Visakhapatnam	
21.	Ms.B.Deepa, Asst.Prof Ms.P.Chaya Devi, Asst.Prof.,	Workshop on “Advanced Manufacturing Technology”	National	31.07.2019	31.07.2019	Centre of Excellence in Maritime and Shipbuilding, Visakhapatnam	
22.	Ms.Ch.Anoosh a, Asst.Prof Ms.G.Gayatri, Asst.Prof	workshop on “Digital Signal Processing using Python(through Raspberry Pi)”	National	16.07.2019	16.07.2019	IEEE Communications and Signal Processing Societies Joint Chapter in collaboration with IEEE Vizag Bay Sub Section at GITAM university	



23.	Dr.G.Manmadha Rao, Prof., Dr.B.Somasekhar , Assoc.Prof., Mr.B.Chandramouli, Asst.Prof., Ms.P.Chaya Devi. Asst.Prof. Mr.P.Devi Pradeep, Asst.Prof	FDP titled “Engineering challenges for making digital india: Internet of things & applications”	National	11.06.2019	24.06.2019	Department of ECE, ANITS, Visakhapatnam	
24.	Ms.M.Nirmala , Asst.Prof., and Ms.B.Deepa, Asst.Prof	Workshop titled “Advanced School of Antennas ASA-2019”	National	20.06.2019	24.06.2019	IEEE AP/MTTs Kolkata Chapter at School of Electronics Engineering, KIIT Bhubaneswar	

#### FACULTY PAPER PUBLICATIONS IN JOURNAL

S. No	Name of Author(s)	Name of the Journal	Title of the paper	Type of Journal National/International	Month & Year of Publication	(UGC / SCOPUS / WOS / SCI)
4.	Dr.P.Murugandan, Assoc.Prof.	International Journal of Future Generation Communication and Networking.	FPGA implementation of low power 16x16 bit Vedic Multiplier	International	ISSN: 2233-7857 IJFGCN, May 2020	
5.	Ms.P. Devi, Asst.Prof.,	International Journal of Recent Technology and Engineering (IJRTE)	A Square Patch with L and Inverted L shaped slotted AMC structure for Wi-Fi Applications	International	ISSN: 2277-3878, Volume-9 Issue-1, May 2020	Scopus
6.	Mr.D.Anil Prasad, Asst.Prof.,	International journal of Alochana Chakra	Realization of Single Precision Floating Point Multiplier Using Vedic Algorithm	International	May 2020 ISSN NO: 326-337	UGC Approved (google Scholar)
7.	Dr.P.Murugandian, Assoc.Prof,	International Journal of De Gruyter publisher	Design and development of cross dipole antenna for satellite applications	International	May 2020. DOI: <a href="https://doi.org/10.1515/freq-2019-0066">https://doi.org/10.1515/freq-2019-0066</a> , ISSN 2191-6349,	Web of Science, Scopus, Google Scholar
8.	Ms.M.Nirmala, Asst.Prof.,	International Journal of Innovative Research in Science, Engineering and Technology	Ultra Wide Band Antenna with Band Rejection Configurability for Wireless Applications	International	April 2020 e-ISSN: 2319-8753, p-ISSN: 2320-6710	UGC Approved (google scholar)
9.	Dr.J.Bhaskara Rao, Asst.Prof., Dr.S.Srinivas, Assoc.Prof.,	Test Engineering and Management	Image Processing Techniques for Extraction of Serial Numbers on Currency Notes While Depositing in Cash Deposit	International	May – June 2020 ISSN: 0193-4120	Scopus

			Machine Using Python and Raspberry Pi			
10.	Ms.B.Deepa, Asst.Prof.,	International journal of analytical and experimental modal analysis	Frequency Reconfigurable antenna using DGS	International	May 2020 ISSN NO:0886-9367	Google scholar
11.	Ms.B.Deepa, Asst.Prof.,	International journal of analytical and experimental modal analysis	Frequency Reconfigurable antenna	International	May 2020 ISSN NO:0886-9367	Google scholar
12.	Ms.K.Yashoda, Asst.Prof.,	International Journal of Science & Engineering Development Research	Identification of Brain Tumor and Classifying into High grade and low grade Glioma		May-2020 ISSN NO:2455-2631	Google scholar
13.	Ms.M.Nirmala, Asst.Prof.,	International Journal of Information and Computational Science	Vehicle Detection for Toll Collection Using Raspberry Pi 3		May 2020 ISSN: 1548-7741	Google Scholar
14.	Ms.Ch.Padmasree Asst.Prof.,	International journal of analytical and experimental modal analysis	Extraction Of Attributes From Indian Currency To Detect Counterfeit Notes Through Digital Image Processing	International	May 2020 ISSN NO:0886-9367	UGC Approved Google scholar
15.	Mr.A.Siva Kumar, Asst.Prof., Mr.B.Jena, Asst.Prof.	International journal of Alochana Chakra	Implementation of Bicubic Interpolation for Detection of Alzheimer's Disease	International	May 2020 ISSN NO: 2231-3990,	UGC Approved Google scholar
16.	Ms.Ch.Padmasree Asst.Prof.,	International journal of analytical and experimental modal analysis	Real Time Object Detection With Deep Learning	International	May 2020 ISSN NO:0886-9367	UGC Approved Google Scholar
17.	Mr.A.Siva Kumar, Asst.Prof.,	International journal of Alochana Chakra	Detection of Leg Fracture in X-Ray Images using Image Processing	International	May 2020 ISSN NO: 2231-3990,	UGC Approved Google scholar
18.	Dr.P.Murugapandian, Assoc.Prof,	Journal of Electronic Materials	Switching Transient Analysis and Characterization of an E-Mode B-Doped GaN-Capped AlGaIn DH-HEMT with a Freewheeling Schottky Barrier Diode (SBD)	International	April 2020 DOI:10.1007_s11664-020-08113-x ISSN 0361-5235	Springer/SCI
19.	Dr.P.Murugapandian, Assoc.Prof. Dr.V.Rajyalakshmi, Prof., HOD ECE	International <a href="#">Journal of Science: Advanced Materials and Devices</a>	Performance analysis of HfO2/InAlN/AlN/GaN HEMT with AlN buffer layer for high power microwave applications	International	April 2020 <a href="https://doi.org/10.1016/j.jsamd.2020.04.007">https://doi.org/10.1016/j.jsamd.2020.04.007</a>	ELSEVIER, (Web of Science, SCIE, Scopus indexed)
20.	Ms.G.Gayatri, Asst.Prof.,	International Journal of Information and Computational Sciences	Tracking of Dementia patients using GPS & LORA WiFi	International	April 2020, ISSN NO: 1548-7741.	UGC Approved Google scholar
21.	Ms.PSM.Veenaa, Asst.Prof	Journal of Information and Computational Science	Implementation of 8-Bit RISC Processor	International	April 2020 ISSN: 1548-7741	UGC Approved Google



						scholar
22.	Mr.D.Anilprasad Asst Prof	Mukt Shabd Journal	Study Of Filter Performance In Removal Of Noise From Digital Images	International	April 2020 ISSN NO : 2347-3150	UGC Approved Google scholar
23.	Dr.S.Srinivas, Assoc.Prof. Dr.J.Bhaskara Rao Asst Prof	Mukt Shabd Journal	Glucose Monitoring System Using NODEMCU	International	April 2020 ISSN NO : 2347-3150	UGC Approved Google scholar
24.	Mr.G.V.Raviteja, Asst.Prof., ,	International Journal EJERS, European Journal of Engineering Research and Science	A CPW - Fed Microstrip Monopole Antenna Employing Inverted Quad L Shaped Stubs with Symmetrical Slotted Rectangular Ring Ground Planes for GPS/PCS/UMTS and UWB Applications	International	March 2020 DOI: <a href="http://dx.doi.org/10.24018/ejers.2020.5.3.1825">http://dx.doi.org/10.24018/ejers.2020.5.3.1825</a> .	Google Scholar
25.	Mr.G.V.Raviteja, Asst.Prof., ,	International Journal EJERS, European Journal of Engineering Research and Science	Gain and Bandwidth Considerations for Microstrip Patch Antenna Employing U and Quad L shaped Slots with DGS and Parasitic Elements for WiMax / WiFi Applications	International	March 2020 DOI: <a href="http://dx.doi.org/10.24018/ejers.2020.5.3.1834">http://dx.doi.org/10.24018/ejers.2020.5.3.1834</a> .	Google Scholar
26.	Dr.B.Somasekhar, Assoc..Prof.,Mr.Nitin Kumar, Asst.Prof.,	International Journal of Management, Technology and Engineering	Suboptimal Energy-Efficient Resource-Allocation to Maximize Energy Efficiency in OFDM systems	International	March 2020	UGC approved Google scholar
27.	Ms.M.Nirmala, Asst.Prof.,Ms. Ch.Anoosha, Asst.Prof. and Ms.D.Nagamani, Asst.Prof	International Journal of Engineering Trends and Technology (IJETT)	Dynamic modeling of a Green House using Arduino	International	February 2020 DOI:10.14445/22315381/IJETT-V68I2P208	UGC approved Google scholar
28.	Mr.P.Devi Pradeep, Asst.Prof.,	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Design of Class D Audio Power Amplifier Suitable to Hearing Aid Devices	International	January 2020	SCOPUS
29.	Dr.P.Murugapandian, Assoc.Prof Dr.V.Rajyalakshmi, HOD	Journal of ELECTRONIC MATERIALS	Investigation of Quaternary Barrier InAlGaIn/GaN/AlGaIn Double-Heterojunction High Electron - Mobility Transistors (HEMTs) for High-Speed and High-Power Applications	International	January 2020. DOI: <a href="https://doi.org/10.1007/s11664-019-07731-4">10.1007/s11664-019-07731-4</a> 2019,	Springer- SCI indexed
30.	Ms.Ch.Padmasree, Asst.Prof. , Ms.V.Shireesha, Asst.Prof. Ms.P.Chaya Devi, Asst.Prof.,	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Equalization for Underwater Acoustic Coded OFDM Communication System Over Multipath Fading Via Simulation Platform	International	December 2019/ DOI: 10.35940/ijitee.B1075.1292S319	SCOPUS
31.	Dr.A.Lakshmi Narayana,Asst. Prof., ECE	International Journal of Innovative Technology and Exploring Engineering	Spectral Efficiency of FBMC Over OFDM System	International	December 2019/ DOI: 10.35940/ijitee.B1059.1292S	SCOPUS

		(IJITEE)			319	
32.	Dr.P.Murugapandian, Assoc.Prof, Mr.P.Devi Pradeep, Asst.Prof. Mr.V.Vijay Kumar Raju, Asst.Prof.	International Journal of Think India Journal, Journal of the Gujarat research society	Performance Analysis of In AlN/GaN MOSHEMT for High Power RF Applications	International	December-2019	UGC indexed Google scholar
33.	Mr.G.Viswanadh Raviteja, Asst.Prof	International Journal of Computer Applications	A Dual-Band Millimeter-Wave Microstrip Antenna Array for 5G Applications	International	November 2019	Google Scholar
34.	Mr.G.Viswanadh Raviteja, Asst.Prof	International Journal of Electronics and Communication Engineering	A 4-element Corporate Series Feed Millimeter-Wave Microstrip Antenna Array for 5G Applications	International	November 2019	Google Scholar
35.	Mr.P.Devi Pradeep, Asst.Prof	International Journal of Engineering Trends and Technology (IJETT)	Implementation of International Data Encryption Algorithm	International	November 2019	UGC indexed Google scholar
36.	Dr.P.Murugapandian, Assoc.Prof	International Journal of the Gujarat research society	Design and Development of high power microwave Tubes- Reltron	International	November 2019	UGC indexed Google scholar
37.	Dr.P.Murugapandian, Assoc.Prof Dr.V.Rjya Lakshmi, HOD	International Journal of the Gujarat research society	Investigation of AlGaIn/GaN High Electron Mobility Transistors performance for various Al content and barrier layer thicknesses	International	November 2019	UGC indexed Google scholar
38.	Mr.G.Viswanadh Raviteja, Asst.Prof	International European journal of Engineering Research and Science	A 2X2 Millimeter-Wave Microstrip Antenna Array for 5G Applications	International	October 2019	Google Scholar
39.	Mr.J.Bhaskara Rao Asst.Prof	international Journal of IUP journal of Electrical and Electronics Engineering	Implementation of Smart Attendance Using Image Processing Techniques	International	October 2019	BSCO, Google scholar
40.	Ms.Ch.Anoosh a, Asst.Prof, Ms.PSM.Veen a, Asst.Prof Ms.D.Nagamani, Asst.Prof	International Journal of Information and Computational Science (JOICS)	Image Encryption using Substitution-Permutation Chaotic map	International	September 2019	UGC indexed Google scholar
41.	Mr.B.Jena, Asst.Prof.,	International Journal for Modern Trends in Science and Technology	A Trained CNN Based Resolution Enhancement of Digital Images	International	July 2019	UGC Indexed Google scholar
42.	Mr.B.Jena, Asst.Prof.,	International Journal of Environmental Science, Computer Science and Engineering & Technology, An International Peer Review E-3 Journal of Sciences and Technology: Sec. B	Wireless Sensor Networks: Architecture, Issues and Research Challenges	International	June 2019	Web of Science
43.	Dr.P.Murugapandian	International Journal	Investigation of ultra-scaled	International	June 2019	SCOPUS



	ndian, Assoc.Prof. Dr.V.Rajyalaks hmi, HOD	of INTERNATIONAL JOURNAL OF ELECTRONICS LETTERS	AlN/GaN/InGaN double heterojunction HEMT for high-frequency applications		doi.org/10.108 0/21681724.20 19.1636295	
44.	Mr.B.Jena, Asst.Prof.,ECE and Mr.A.Siva Kumar, Asst.Prof.,ECE	International Journal for Research in Engineering Application & Management (IJREAM)	Adaptive Switching based Impulse noise suppression using Wind Driven Optimization	International	ISSN: 2454- 9150, DOI: 10.35291/2454 - 9150.2019.025 3,June 2019.	UGC indexed Google scholar

#### FACULTY STUDENT JOINT PAPER PUBLICATIONS IN JOURNAL

S.No	Project Guide	Authors	Title of the paper	Journal
1.	Dr.V.Rajyalakshmi	V.Rajyalakshmi, G Viswanadha Raviteja, G Sujatha, K Balasagar, K.V Tejaswi, ALS Yaswanth, K Sai Teja	Gain and Bandwidth Enhancement of Microstrip antenna array using double square split ring resonator FSS as a superstrate for Wimax/WiFi/WLAN applications	Communications on Applied Electronics(CAE),V olume 7-No28, May 2019 ISSN-2394-4714
2.	Dr.G.Manmadha rao	G.Manmadha Rao, Sai Mahesh Kasina, Nikhil Sai Golagani, pavani B, Kaushik Chandra	Performance analysis of mixed radix algorithm based stream cipher system for integers	Journal of Applied Science and Computations(JASC , Volume-VI, Issue- I, January 2019 ISSN No:1076-5131
3.	Dr.B.Somasekhar	B.Somasekhar, TL Priyanka, K.Triveni, b Manikanta, G.Deepthi	Clipping Noise based tone injection-An approach to reduce PAPR in OFDM system	International Journal of Management Technology and Engineering(IJMTE) Volume-IX, Issue- IV, April 2019 ISSN No:2249-7455
4.	Mr.D.Anil Prasad	D.Uday Sagar, A.Bharat Kumar, D.S.N.S.Aditya, A.N.D. Sasi Teja	Performance comparison of different multipliers in terms of power, delay and area	Journal of Applied Science and Computations(JASC , Volume-VI, Issue- II, February 2019 ISSN No:1076-5131
5.	Mr.D.Anil Prasad	M.Sai Pavan, P.Manideepa, P.Prasanth, N.kiran, D.Anil Prasad	FPGA Implementation of CRC Error detection code	Journal of Applied Science and Computations(JASC , Volume-VI, Issue- III, March 2019 ISSN No:1076-5131
6.	Dr.D.Eswara Chaitanya	Vara Prasad Reddy, D.Eswara Chaitanya, Hari Vamsi, Saibabu Mummareddy, Lokesh Mrudul	Performance analysis of Bat and Firefly algorithm using benchmark equations	Journal of Applied Science and Computations(JASC , Volume-VI, Issue- V, May 2019 ISSN No:1076-5131
7.	Dr.D.Eswara Chaitanya	Krishna Teja Y, D E Chaitanya,Harshavardhan	Performance evaluation of simulated annealing algorithm	International Journal of Management

		S, Priyanka V, Nagendra kumar O	in constrained environment	Technology and Engineering(IJMTTE) Volume-IX, Issue-V, May-2019 ISSN No:2249-7455
8.	Mr.R.Chandrasekhar	R.Chandrasekhar, A.Lavanya,B.Sai Vamsi, A.Tejaswini, Ch.Kamal Chand	Performance analysis of channel estimation using ZF and MMSE for MIMO – FBMC system	Journal of Applied Science and Computations(JASC ), Volume-VI, Issue-III, March 2019 ISSN No:1076-5131
9.	Mrs. P.S.M.Veena	P.S.M.Veena, D.Swarna Barathi, K.Jayasatya narayana, E. Deepti Sai, B,Rajendra	Noise cancellation in audio signal using VAD-Weiner filter algorithm	Journal of Applied Science and Computations(JASC ), Volume-VI, Issue-III, March 2019 ISSN No:1076-5131
10.	Mrs.Ch.Padma sree	Ch.Padma Sree, K.Durga Suguna, K.Shiva Ajith, K.Akhil,K.Lalith Kumar Yadav	Performance evaluation of OFDM and Coded OFDM under AWGN and Rayleigh fading scenario	Journal of Applied Science and Computations(JASC ), Volume-VI, Issue-III, March 2019 ISSN No:1076-5131
11.	Dr.Ch.Praveen babu	G.R.K.Chaitanya, Ch.Divyasri, G.Suri naidu, B.Vasanta	Performance analysis of Kalman and particle filter for varying noise parameter(sigma square)	Journal of Applied Science and Computations(JASC ), Volume-VI, Issue-IV, April 2019 ISSN No:1076-5131
12.	Mr.G.Viswanadh raviteja	G.Viswanadh raviteja, I Lakshman, B.Yogita Sai Sruthi, B.Manish kumar, K. Sarojini Anuradha	Defected ground structured microstrip patch antenna with Quad L- Shaped slot for gain enhancement at 4.8GHz frequency	Communications on Applied Electronics(CAE),V olume 7-No21, October 2018
13.	Mr.A.Siva Kumar	A.Siva Kumar, M.venkata Lavanya, N.R.V.satish, P.Divya Sri, K.hemanth varma	Implementation and Comparison of K mean and Fuzzy c mean techniques for medical image segmentation	Journal of Applied Science and Computations(JASC ), Volume-VI, Issue-IV, April 2019 ISSN No:1076-5131
14.	Mr.V.V.K.Raju	V.V.Kraju,M.Sajida,M.N. Mamikanta.p.revanth, I.Rajini, N,sandeep	Vehicle Number Plate detection for traffic Control	Journal of Applied Science and Computations(JASC ), Volume-VI, Issue-V, May2019 ISSN No:1076-5131
15.	Mr. P. Devi pradeep	P. Devi Pradeep, K.Srikanth, L.Dhamini Devi, N.Manish Babu	FPGA based Ultrasonic distance measurement system	JETIR, Volume 5, Issue 12, December 2018 ISSN -2349-5162
16.	Mr.R Chandrasekhar	R.Chandrasekhar, M.V.L.Padmapriya, K.Abhishek, K.Suresh Vidya, m.Prem Kumar	Comparision of OFDM FBMC and UFMC under different parameters	Journal of Applied Science and Computations(JASC ), Volume-VI, Issue-

				I, January 2019 ISSN No:1076-5131
17.	Mr.S.Ravi	S.Ravi, Sk.Sameer, P.venkatesh, R.Kiran Kumar, T Vijaya Sri	FPGA implementation of filters for the removal of various noises in digital images	Journal of Applied Science and Computations(JASC , Volume-V, Issue- XII, December 2018 ISSN No:1076-5131
18.	Ms. P.Devi	Devi Perla, Rajyalakshmi Valluri, Harish Ch, T.D.V.Gayathri	A comparision analysis of 2X1 series feed array antenna for satellite applications	International Conference on Advanced Knowledge from multidisciplinary perspectives in Engineerin and Technology,Visakha patnam 5 <sup>th</sup> & 6 <sup>th</sup> April 2019. ISBN- 978-81-940803-4-3
19.	Mrs. M.Nirmala	M.Nirmala, N.Nitish, R.Maheswari, B.santosh naidu	Dual band microstrip antenna for improved gain and reduced return loss with rectangular slots and DGS	JETIR, Volume 5, Issue 12, December 2018 ISSN -2349-5162
20.	Mr.A.Siva Kumar	A.Sivakumar, S.V.manikanta gupta, S.Aparanji ni, Y.Sravya vanitha, M.Gangadhar	Offline signature verification using grid based feature extraction	Journal of Applied Science and Computations(JASC , Volume-VI, Issue- IV, April 2019 ISSN No:1076-5131
21.	Mr.V.V.K.Raju	U.Rajesh Naidu, M.Jaya lakshmi, V.Sai Sumanth, A.Nagamani, V.V.K.Raju	Voice Controlled Personal assistant	JETIR, Volume 6, Issue 3, March 2019 ISSN -2349-5162
22.	Mr.N.Ramkumar	N.Ramkumar, R.Vinay, P.V.K.Gowtham, M.V.K.kalyan, P.Anirudh	Soil Nutrient Estimation by data analysis to improve crop productivity of Indian farmers	JETIR, Volume 6, Issue 4, April 2019 ISSN -2349-5162
23.	Mrs.P.Chayadevi	P.Chaya Devi, D.Bhargav, K.Kokila, A.S.jatin Sairam Gona, A. Priyanka	Staircase slotted Microstrip antenna resonating at S,C, and X bands	International Journal of Research and Analytical reviews(IJRAR) Volume-5, Issue- 4,Oct-Dec 2018 ISSN No:2348-1269
24.	Mrs.K.Yashoda	G.kirthikar, K.Rohit, J.Chandini, Ch.Preetham, k.Yashoda	Power Optimization of linear feedback shift register(LFSR) for low power BIST	Journal of Emerging technologies and innovative research(JETIR), Volume 6, Issue 4, April 2019 ISSN -2349-5162
25.	Ms.P.Devi	P Devi, Ch Harish, T D V Gayatri, Ch Vikas , V ramesh	Design of 4 element plus shaped slotted microstrip array antennas for satellite application	JETIR, Volume 6, Issue 4, April 2019 ISSN -2349-5162



### WORKSHOP's/ SEMINAR's/EVENT's ATTENDED BY STUDENTS

1. Mr.K.Abhiram, Mr. P.S.Teja, Mr. YVVS. Avinash Kumar III/IV ECE have participated in spotlight event titled **“ROBOSOCCEC”** three day national student tech fest STEPCONE 2020 organized by Department of ECE, at GMRIT, Rajam during Jan 31st -2nd February 2020.
2. Mr.K.Abhiram III/IV ECE have participated in project Design Contest event titled **“Smart Attendance System”** three day national student tech fest STEPCONE 2020 organized by Department of ECE, at GMRIT, Rajam during Jan 31st -2nd February 2020.
3. Ms. P. Sai Durga Charishma, Ms. G.Hemanajali III/IV ECE have participated in project Design Contest event titled **“Smart Home Auto Machine & Security Using Aurdino With PIR & Camera ”** three day national student tech fest STEPCONE 2020 organized by Department of ECE, at GMRIT, Rajam during Jan 31st -2nd February 2020.
4. Ms. D. Niharika, Ms. K.Sowmya Sree, Ms.T.Ramya, Ms.D.Madhuri III/IV ECE have participated in project Design Contest event titled **“Alcohol Detector using Arduino ”** three day national student tech fest STEPCONE 2020 organized by Department of ECE, at GMRIT, Rajam during Jan 31st -2nd February 2020.
5. Mr.K.Siva rama Praveen, III/IV ECE have participated in project Design Contest event titled **“Security & Surveillance using AI & ML ”** three day national student tech fest STEPCONE 2020 organized by Department of ECE, at GMRIT, Rajam during Jan 31st -2nd February 2020.
6. Mr. YVVS. Avinash Kumar III/IV ECE have participated in Technical event titled **“ Debugging Contest”** three day national student tech fest STEPCONE 2020 organized by Department of ECE, at GMRIT, Rajam during Jan 31st -2nd February 2020.
7. Mr. P.S.Teja III/IV ECE has contributed services as a **Campus Ambassador** in three day national student tech fest STEPCONE 2020 organized by Department of ECE, at GMRIT, Rajam during Jan 31st -2nd February 2020.
8. Ms.M.Hemaja, Ms.Laxmi Priya, Mr.A. Dinesh, Mr.Ch. R.Venkata Sai, Mr.K.Kuasal, Mr.SS.Ravitaje, Ms.Abothu Pasyanthi Padma Malini, Ms.M.Naga Pijitha, Mr. Sadanala Tanishq Venkata Satya , Mr.K.Sneka, Mr.K.Sahithi, Mr.M. Ashasumitra, Ms.P.Swarfna latha, III/IV ECE & Mr.P.Y.Sriram, Mr.V.P.S.Srinivas, Mr.S.Sai Venkatesh, Mr.P.Hemanth Kumar, Mr.N.Sai Srinivas, Mr.M.Vikram, Mr.K.Rohit, Mr.D.D.Sai Prasanth, Mr.Ch.Rohit, Mr.B.Vinay kumar, Mr. A.Anil kumar II/IV ECE have attended in workshop titled **“Embedded systeMs using Raspberry Pi”** in the event Pravega'20 organized by IISc Bangalore during 1st & 2nd Feb 2020.
9. Mr.M.Pranav, Mr. B Sai Akhilesh, Mr.M.S.S.Ganesh karthikeya, Mr. S.Sai Pradeep, Mr. K.Yashwanth Surya, Mr.A.S.S.Praveen, Mr.B.Nikhil, Mr.G.Rakesh, Mr.KVS Harish kumar, Mr. L.Sumanth, Mr. M.S.S.G.Karthikeya, Mr.Taj nawaz, Mr.N.Santosh kumar, Mr. Achyuth varma, Mr.P.Pramod, Mr.S.VV.Sai Pradeep, Mr.V.Rohit, Mr.Puneeth, Mr.K.Yaswanth III/IV ECE have attended a workshop on **“WiFi & Computer Networking”** in Shaastra 2020 organized by IIT Madras during 3th – 10th Jan 2020 .
10. Mr.P.Sai Kiran, Mr. P.V.S.Teja III/IV ECE have attended a workshop on **“Machine learning with Artificial Intelligence”** in Tech Byte organized by IIT Hyd during 28th & 29th Sept 2019.
11. Mr. K.Pavani III/IV ECE & Ms.J.Sarayu II/IV ECE has attended a workshop on **“Ethical Hacking with Cyber Security”** in Tech Byte organized by IIT Hyd during 28th & 29th Sept 2019.
12. Mr.Y.Pavan Kumar, Ms.D.Satya Sushma, Ms. V.Sravani, Ms. D. Vaishnavi, Ms. B.Pravallika, Mr. Shaik Shahid, Ms. B. Goutami, Mr. VVS.saikiran, Ms.P. Vathsalya, Ms. Jayachitra, Ms.M.Deepika

III/IV ECE & Ms.S.Sreevalli II/IV ECE have attended a workshop on “**Humanoid Robotics with IOT**” in Tech Byte organized by IIT Hyd during 28th & 29th Sept 2019.

13. Mr. K.Pavan, Mr.M.Jayaprakash III/IV ECE have participated in Artificial Intelligence workshop conducted by Techfest IIT Bombay during 3<sup>rd</sup> – 5<sup>th</sup> Jan 2020.
14. Ms.Ch. Satyavenkata Sai, Mr.G.B.Harish III/IV has attended a 2 day workshop titled “ **Python programming**” Codemania at Vignan’s Institute of Information Technology, Vishakhapatnam during
15. Mrr.P.S.Teja III/IV ECE has achieved CEFR level B2 upper intermediate in test of English proficiency conducted by British council in 2019.
16. Ms.M.Hemaja, Ms.K.Sneha, Ms.V.Barathi, Mr.S.Tanishq, Ms.Sameera, Ms.M.Naga pujitha, Mr.P.S.Teja, Ms.Abothu Pasyanthi Padma Malini, Mr.B.Panthro, Mr.Dheeraj, Ms.B.Gouthami, Ms.P.Manjusha, Ms.M. Anusha III/IV ECE & Ms.G.Jyothsna ,Ms.S.Srivalli II/IV ECE has qualified in the primary round of Master Orator Championship organized by Department of ECE, at ANITS, conducted on Aug 3rd 2019.
17. Ms.M.Ashasumitra III/IV ECE has successfully completed NPTEL online certificate course in **Developing soft skills & personality** with Elite 66% during ( 8 weeks Course) Aug-Oct 2019.
18. Ms.K.Sneha III/IV ECE has successfully completed NPTEL online certificate course in **Python for Data Science** with 49% during (4 weeks Course) Aug-Sept 2019.
19. Ms.G.S.N.Hari priya III/IV ECE has successfully completed NPTEL online certificate course in **Programming, Data Structures & AlgorithmMs using python** with 51% during (8 weeks Course) Jul-Sept 2019.
20. Mr.P.S.Teja III/IV ECE has successfully completed NPTEL online certificate course in **Interpersonal skills** with Elite 74% during (8 weeks Course) Jul-Sept 2019.
21. Mr.S.S.Raviteja III/IV ECE has successfully completed NPTEL online certificate course in **Programming in java** with Elite + Silver 81% during (12 weeks Course) Jul-Oct 2019.
22. Mr.K.Kausal III/IV ECE has successfully completed NPTEL online certificate course in **Interpersonal skills** with Elite 71% during (8 weeks Course) Jul-Sept 2019.
23. Mr.Ch.S.V.Sai III/IV ECE has successfully completed NPTEL online certificate course in **Programming, Data Structures & AlgorithmMs using python** with Elite + Silver 72% during (8 weeks Course) Jul-Sept 2019.
24. Mr.Y.VVS Avinash kumar III/IV ECE has successfully completed NPTEL online certificate course in **Programming, Data Structures & AlgorithmMs using python** with Elite 61% during (8 weeks Course) Jul-Sept 2019.
25. Ms.M.Himaja III/IV ECE has successfully completed NPTEL online certificate course in **Python for Data Science** with 53% during (4 weeks Course) Aug-Sept 2019.
26. Ms.G.Anusha III/IV ECE has successfully completed NPTEL online certificate course in **Python for Data Science** with 57% during (4 weeks Course) Aug-Sept 2019.
27. Mr.D.Kalyan II/IV ECE have participated in a national level techno, cultural, literary & sports fest event titled “Circuit Debugging” two day national student tech fest **BECTAGON 2020** organized by Department of ECE, at Bapatla Eng college, Chirala during 14<sup>th</sup> & 15<sup>th</sup> February 2020.
28. Ms.G.Jyothsna II/IV ECE has won Ist prize in KHO-KHO of intra mural events in 2 day national fest Tachyon 2020 organized by Department of ECE, Anits during Jan 2020.
29. Ms.G.Jyothsna II/IV ECE has participated in workshop on WEB APPLICATION DEVELOPMENT organized by Engineering Hub at AU during 20<sup>th</sup> & 21<sup>st</sup> Dec 2018.

30. Ms.G.Jyothsna II/IV ECE has participated in workshop on Mobile Application Development organized by Engineering Hub at AU during 22<sup>nd</sup> & 23<sup>rd</sup> Dec 2018.

### CLUB ACTIVITIES ECO GANESHA EVENT



Green club of department of ECE had organized an event on the eve of Ganesh chathurdi in association with **“Paryavarana Margadarsi Vaisakhi”** organization on 27<sup>th</sup> August 2019. In this event Eco-Friendly Ganesh Idols made with Clay. Students and faculty were participated in this event.



IV/IV ECE Girls students attended the awareness program on **“Women safety in Cyber Space”** & Launch of **“Mahila Mitra”** a state wide program at Police auditorium, Visakhapatnam on 8th August 2019.

### SPORTS CLUB ACTIVITIES

#### TREKKING EVENT

Department of ECE organized a trekking event in collaboration with **“Vizag Trekking Association”** on 24<sup>th</sup> November 2019. Trekking route started from Madhavadhara to Simhachalam Hill (12 Kilometers). 115 Students of ECE, Faculty and Head of the Department Prof. V.Rajya Lakshmi were participated in the event.

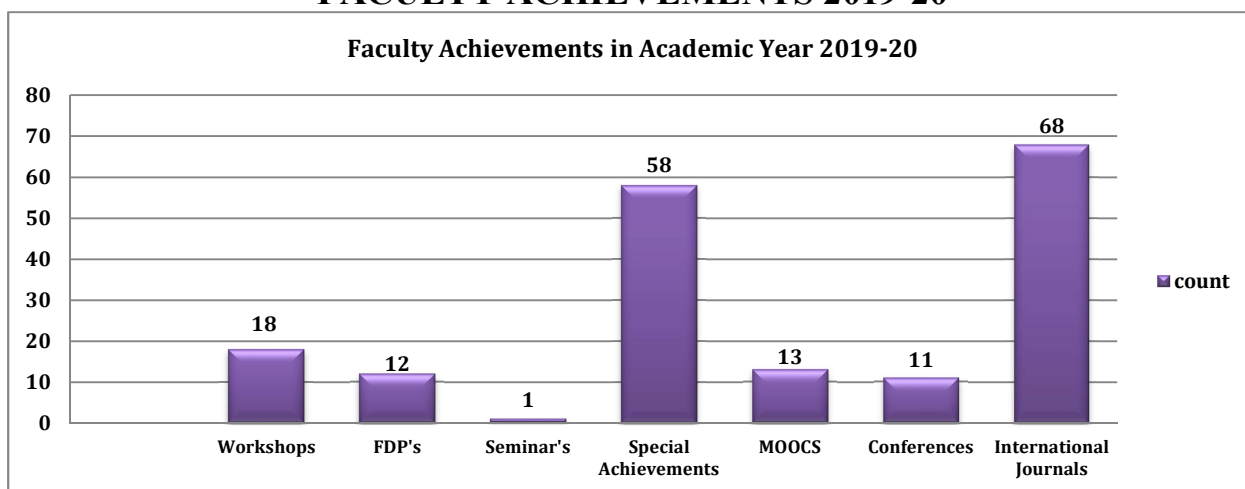


Mr.Sai kishore IV/IV ECE-A got selected for **All India Inter University Physic Championship Competitions** to be held in Chandigarh University during 15th-16th December 2019. (Nationals)

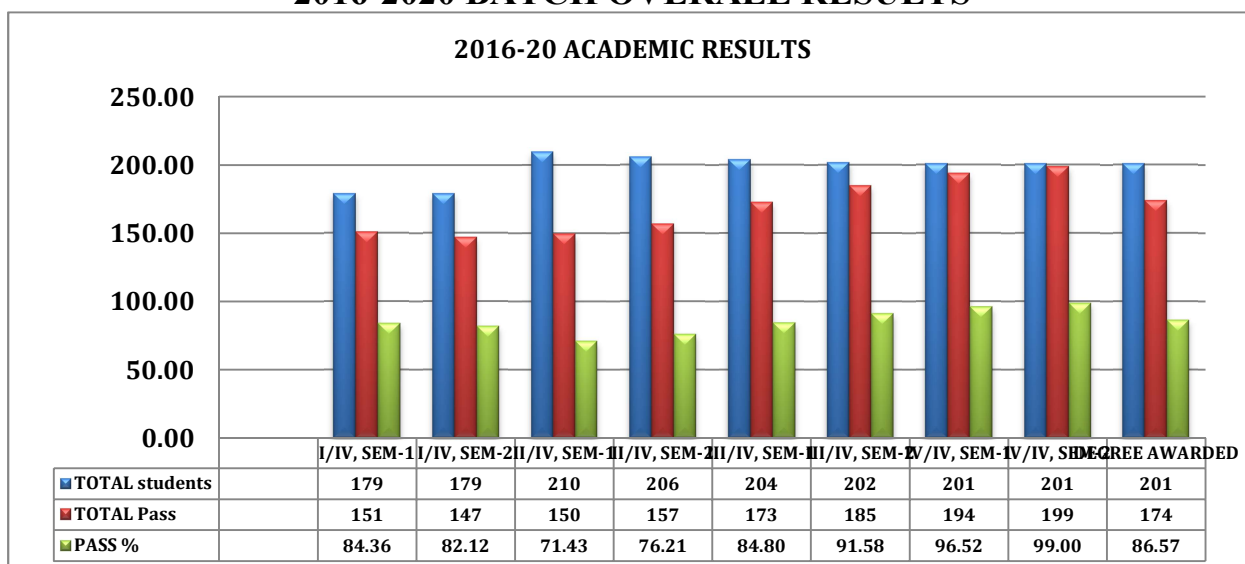




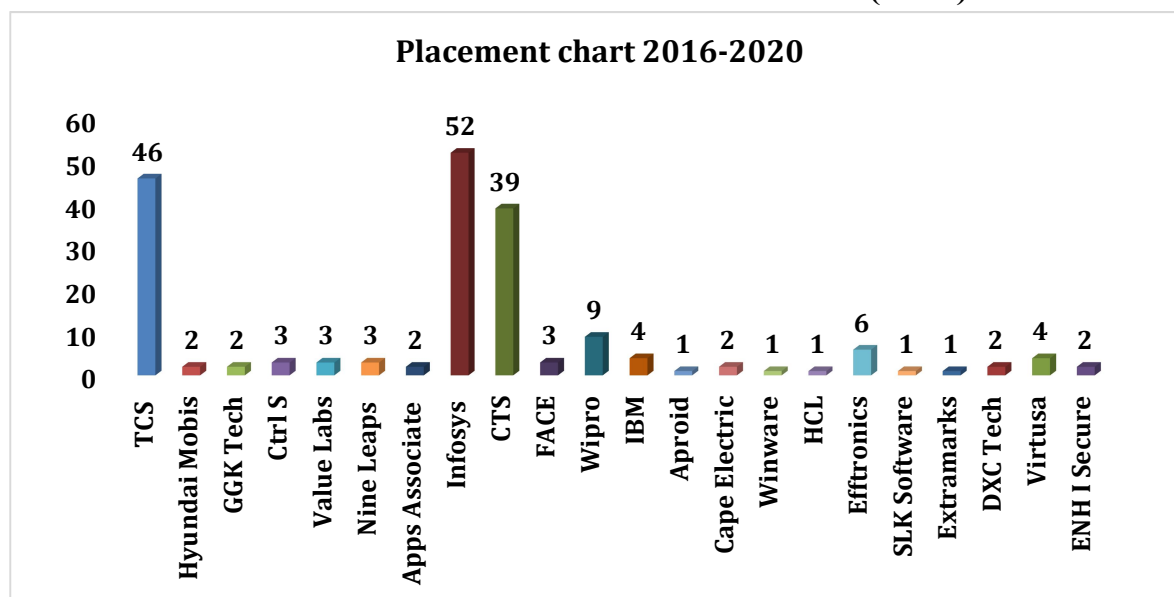
## FACULTY ACHIEVEMENTS 2019-20



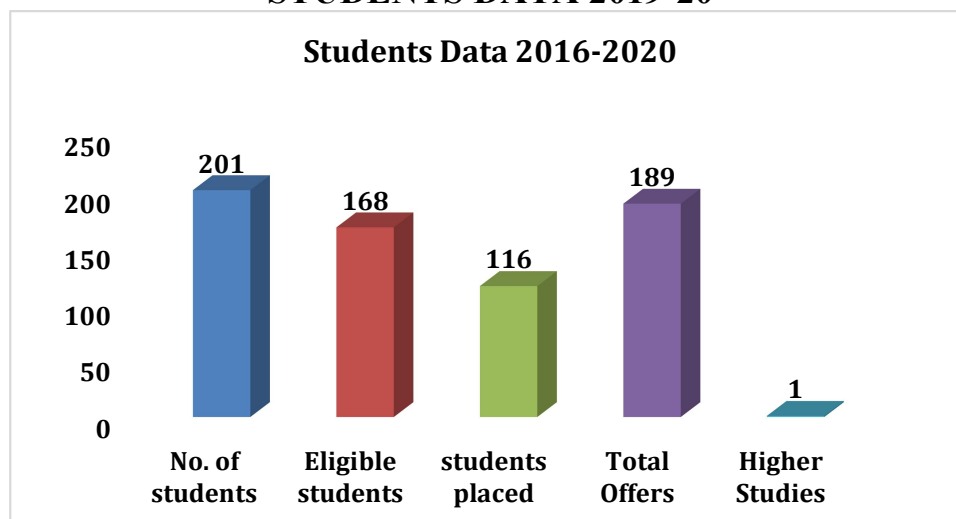
## 2016-2020 BATCH OVERALL RESULTS



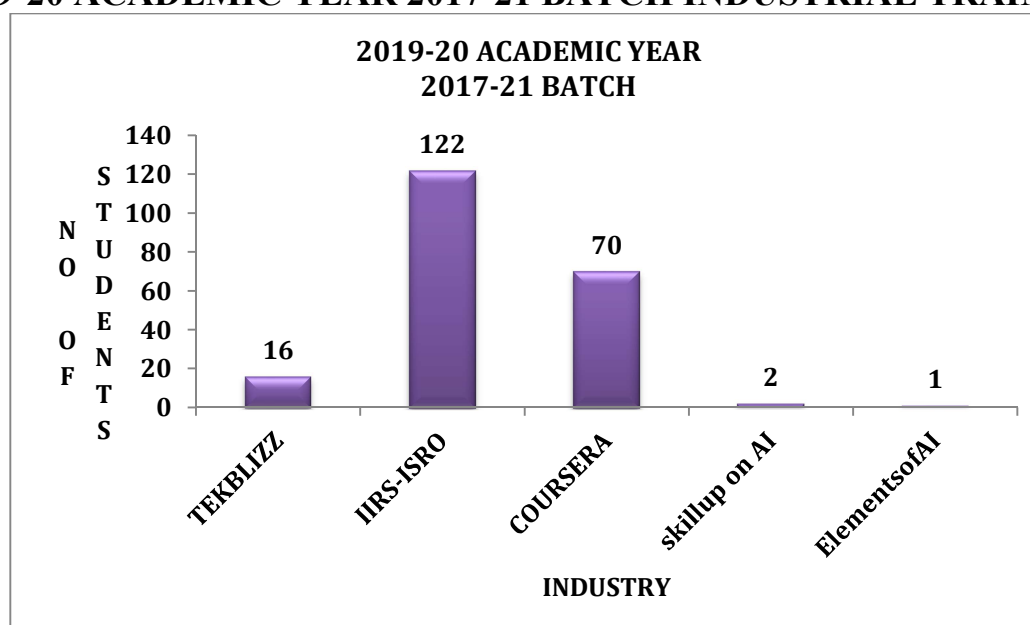
## LIST OF CAMPUS SELECTS 2019-20 (ECE)



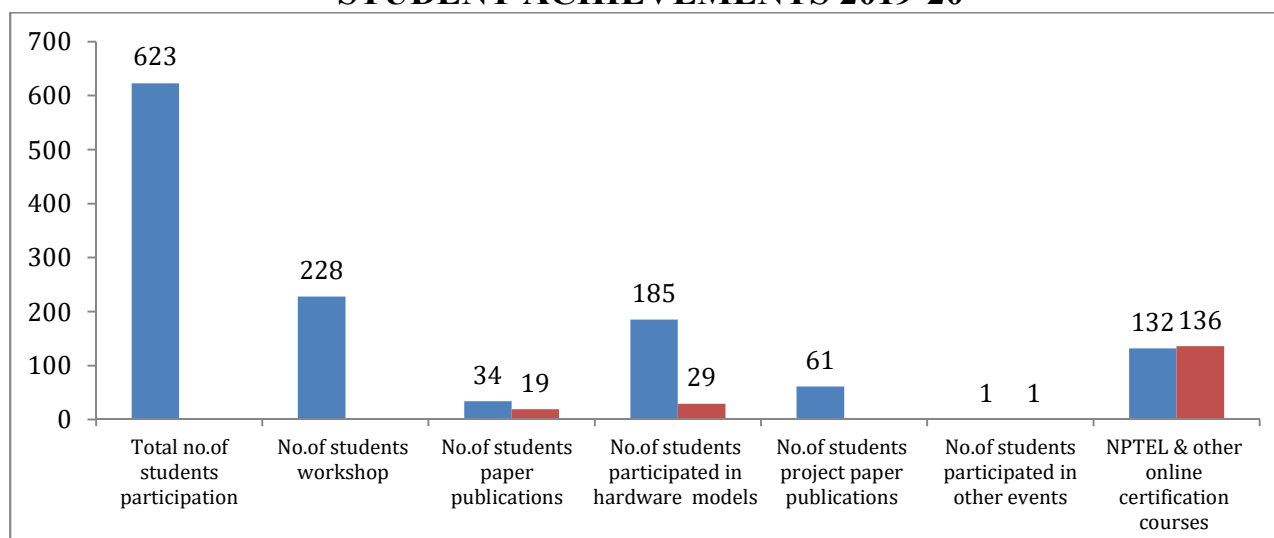
## STUDENTS DATA 2019-20



## 2019-20 ACADEMIC YEAR 2017-21 BATCH INDUSTRIAL TRAINING



## STUDENT ACHIEVEMENTS 2019-20





**FACULTY (2019-20)**



**IV/IV ECE-A (2016-20 BATCH)**



**IV/IV ECE-B (2016-20 BATCH)**



**IV/IV ECE-C (2016-20 BATCH)**



