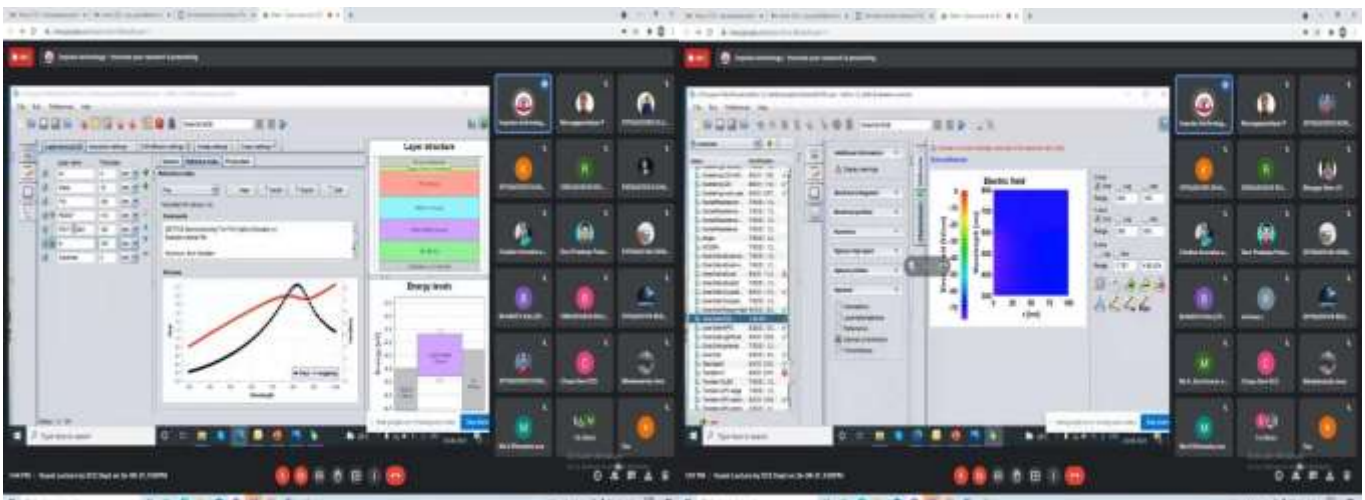
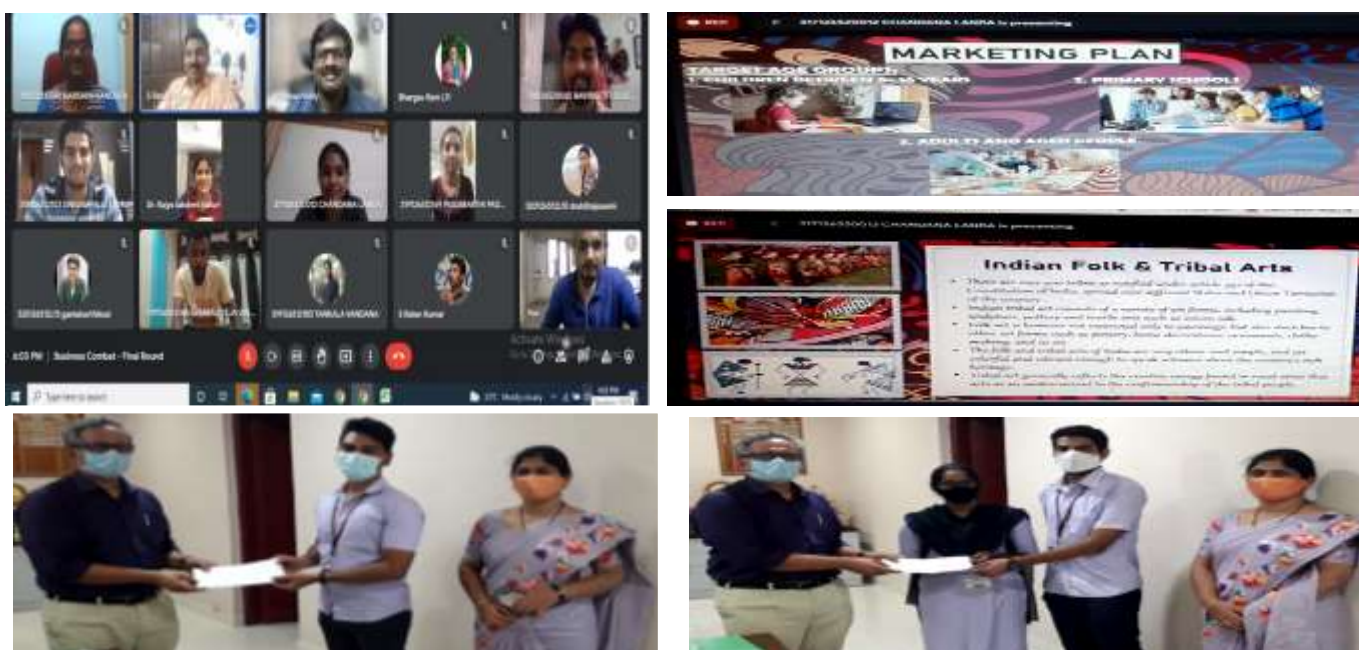


## DEPARTMENT NEWS LETTER [2020-21]



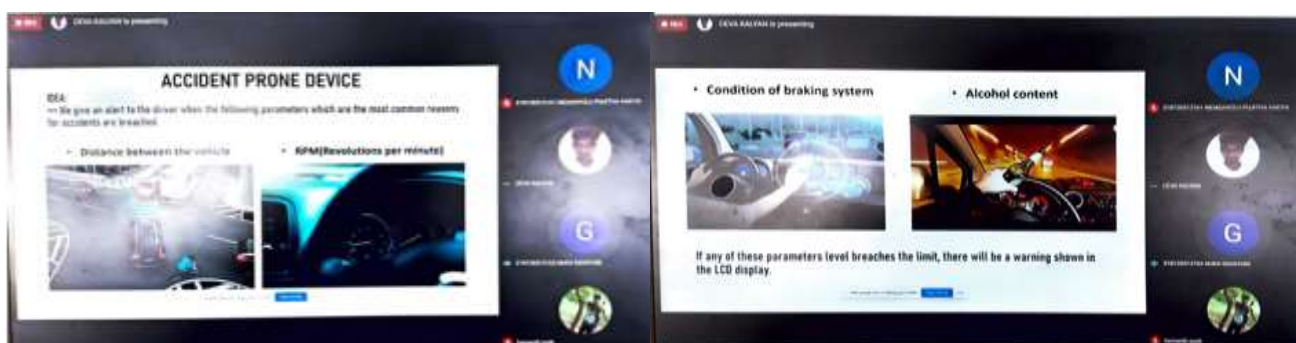
### **A GUEST LECTURE ON “ELECTRICAL MODELING & SIMULATION ON DIFFERENT KIND OF SOLAR CELL LIKE ORGANIC, PEROVSKITE, TANDEM, HETEROJUNCTION SOLAR CELL & LED USING SETFOS SOFTWARE”**

Guest Lecture on “Electrical modeling & Simulation on different kind of Solar Cell like Organic, Perovskite, Tandem, Heterojunction Solar Cell & LED using SETFOS Software” by Mr. Anil kumar Sharma, Director of Business Development, IMPULSE TECHNOLOGY, Gurugram, Haryana on 26-08-2021 from 1.00 PM to 02.00 PM through online Google meet : [meet.google.com/epp-tmve-hbj](https://meet.google.com/epp-tmve-hbj) Organized by Department of ECE in association with IETE Student Forum & ACES. Mr. Anil Kumar Sharma had vast experience in the fields of optical and electrical modeling of solar devices. Sir started his presentation from basics of semiconductor simulation targeted for electronics and photo electronics followed by SETFOS software details. He narrated all advantages and applications of SETFOS software. Demonstrated some examples using SETFOS software. He discussed about latest research trends and challenges in Solar cells.



## TWO DAYS ONLINE BUSINESS COMBAT ON “COGNITIVE VIRTUAL BRAIN-STORM”

Two days online **BUSINESS COMBAT (COGNITIVE VIRTUAL BRAIN-STORM)** event was organized by the department of Electronics and Communication Engineering (ECE) and ANITS-IIC for the Students of ANITS from 20.06.2021 to 21.06.2021. Prof. V.Rajyalakshmi, HOD/ECE has inaugurated the session. About 19 teams registered out of which 14 teams were participated and gained experience and idea to **How to Start a Startup**. 7 out of 14 teams were shortlisted to finals based on the performance given in the first round. The final round was conducted through Google meet online platform. For finals Mr. Madhav Reddy, acted as a jury for this event. Finally two teams selected as winner and runner up. Students have given their valuable feedback orally at end of the session. This event was coordinated by Mr. N. Ramkumar, Assistant Professor/ECE, ANITS and proposed vote of thanks at the end of the event. The following teams were shortlisted for winner and runner-up: Skill Tribe (Team 13) – Winner [Sujeeth Baviriseti, 3/4 Mech, ANITS] & Zippy (Team 19) – Runner [Harshini Kandula, 3/4 ECE, ANITS]. The college has awarded the cash prizes of 3000/- for winner and 2000/- for runner-up teams.



## ONE DAY INTRA DEPARTMENT EVENT “IDEAS TO INNOVATION CHALLENGE”

**One day online Ideas to Innovation challenge (Intra Department) event** was organized by ACES of Electronics and Communication Engineering (ECE) department and ANITS-IIC for the Students of ANITS on 27.01.2021. About 4 teams registered out of which 4 teams were participated and gained experience. 4 out of 3 teams were shortlisted in the event. This event was coordinated by Mr.N.Ramkumar, Assistant Professor, ECE, ANITS. 15 Students participated.



**FACULTY ORIENTATION PROGRAMME ON EDUCATIONAL ROBOTICS**

The Faculty orientation program on Educational robotics was conducted as a precursor to the orientation programme 2021. The session was conducted by, Dr. G. Prasanna on 28th JAN 2021 in the ECE dept seminar hall. From 12 noon to 1 pm, the session consisted of two modules namely robot-ball game, and robot coding. In the first module, the faculties were made to involve themselves in a game where they are asked to maneuver a robot to bring a ball placed at the opposite end of the hall to a specified position. The control of the robot's movements was done through Bluetooth by using an android phone. In the second module, the faculty were taught how to build/ prototype a robot from basic components like sensor modules controlling the robot, namely, the IR sensors, The LDR light intensity sensor and the ultrasonic range sensor. The coding part consisted of making the faculty learn about a block-based online coding environment known as LOFI blocks. Although this environment is not an industry standard, it gives the faculty a feel of the type of coding involved when designing and developing robots. The Faculty orientation on robotics was conducted with an intention to stress the importance of multidisciplinary thinking, which is a much sought-after skill in recent times. The fields of robotics and coding can enable faculty to foster these skills in students at the beginning stage of their technical education.



**EXAMINATION REFORMS**

Dr. V. Rajyalakshmi, HOD, ECE have acted as a resource person for one day workshop on “Reforms in Assessment process” on 13-03-2021 organized by IQAC, ANITS.

## INDUSTRY INSTITUTE INTERACTION



### MOU WITH BSNL

This Memorandum of Understanding is entered into and executed on this 30th day of January 2021 at Visakhapatnam between BHARAT SANCHAR NIGAM LTD., (hereinafter referred to as the “BSNL”) a company registered under the Companies Act, 1956, through its Principal General Manager Mr. M. Satya Prasad, Visakhapatnam Telecom District & ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES(hereinafter called “ANITS(A)”), represented by its Principal Prof. T. V. Hanumantha Rao, having its office at Sangivalasa, Visakhapatnam. In this regard a presentation on various certification courses and training programs offered by them is given by the team members of BSNL. Whereas both parties have held discussions and agreed for collaboration for conducting training Under this MOU and in GENERAL for Technical & Skill based Courses whereby BSNL will impart the requisite training and award credits for the training conducted on its own, to the registered students. THEREFORE, both the parties hereby agree that the Training Center at Visakhapatnam of BSNL, as approved and recognized by BSNL and ANITS (A) from time to time shall be known as an act / perform the role of “Training Providers”. Prof. T. V. Hanumantha Rao expressed his happiness in words saying that this MOU with such Industry will be very much usefull for students of ECE, CSE & IT in terms of practical orientation. Prof. V. Rajya Lakshmi, HOD, ECE has appreciated the BSNL Team for giving our students such good opportunity which can fill the gap between Industry & Institution.

### INDUSTRIAL TRAINING

195 Students of ECE had undergone training in the following list of Companies. BSNL, VSKP [79], APSSDC, VSKP [85], COURSEERA [20], SMARTKNOWER-IIT HYD [2], INTERNSHALA [6], NPTEL [1], REMARK SKILL EDU [1] & CORELL [1].

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

Orientation program for newly admitted B. Tech students admitted in the A.Y 2020-21 in UG programme in Electronics and Communication Engineering, ANITS Visakhapatnam was conducted by department of ECE, during 01-02-2021 to 03-02-2021 in Seminar Hall, ECE.

DAY 1(01-02-2021)



Welcome address by Dr.V. Rajya Lakshmi, Prof. & HOD, ECE

Topic: **Know your Department**

Session: 9:00AM to 10:00AM

Dr. V. Rajya Lakshmi, Head, Department of ECE, welcomed all students and expressed delight over the fact that ANITS had already become a much sought-after institution for engineering studies in the region of Andhra Pradesh. She also reiterated the Management's commitment to elevate the Institute to the status of Number 1 engineering college in the state within the shortest time possible. She had given a brief profile of the department highlighting its growth in various areas since the inception of the department. The head of department ended her speech with best wishes during their four years of stay at the institute and stressed that getting admission into ANITS is the starting point and not the end of the journey.



Address by Prof. Indra Kiran, Dean, Examinations

**Topic: Examination system**

Session: 10:00AM to 10:30AM

Prof. Indra Kiran, Dean, Examinations extended a warm welcome to the gathering and emphasized on the importance of curriculum as tool for gathering knowledge. He briefed the students about the organization of the examination section and explained the procedure for conduct of examinations along with grading scheme and results.



Address by Dr. M.V.Subba Rao, Head, Department of Mathematics

**Topic: Academic disciplines and Anit-ragging**

Session: 10:30AM to 11:00AM

Then the students were addressed by the First Year Coordinator Dr. M.V.Subba Rao, Head, Department of Mathematics, who welcomed the students and gave them an introduction regarding the academic disciplines and Anti –ragging measures taken by the Institute and other administrative issues.



Address by Dr. Suresh, Librarian

**Topic: Knowledge resource center**

Session: 11:00AM to 11:30AM

Librarian of the institute, Dr. Suresh, explained in detail about the vast inventory of literature available at the library, both in form of book as well as e-books. He talked about the National Digital Library of India maintained by IIT KGP available at library which contains lecture videos and notes of NPTEL/SWAYAM courses, presentations used by faculties in classes, online class lectures and solutions of common subjects for students of all engineering discipline.



Address by Prof. G. Manmadha Rao, Head, department of Training  
Mr.N.RamKumar , Placement coordinator, ECE

Topic: **Training**

Session: 12:30PM to 1:30PM

Prof. G. Manmadha Rao, Head, department of Training and Mr. N. Ramkumar, Placement coordinator, dept of ECE informed students about the exclusive in-house Training department available in the institute. They emphasized that training is aimed at preparing the students ready for placements and career enhancement. Prof. G.Manmadha Rao delineated the trainings offered on Technical coding by internal experienced professors of CSE/IT departments along with regular CRT programmes. Mr. N. Ram Kumar explained about how Institution Innovation council (IIC) helps to build the entrepreneurship ecosystem in the institute and it would be a platform to bring budding technical ideas of young upcoming engineering graduates into reality.



Address by Mr. Srinivasa Sarma, Head, Placements, ANITS and  
Mr.G.V.RaviTeja, placement coordinator, dept of ECE

Topic: **Placements**

Session: 1:30PM to 2:30PM

Mr. Srinivasa Sarma, Head, Placements, ANITS and Mr.G.V.RaviTeja, placement coordinator, dept of ECE informed students about the training and regular activities being conducted by department of placements. Mr. Srinivasa Sarma discussed placement statistics of college and department of ECE over the years with the students. He gave brief insights on changing scenarios of various top MNCs opting for nationwide exams instead of on-campus drives and level of competition involved. Also, the role of coding contests in recruiting fresh graduates was discussed. Availability of useful resources and different coding platforms such as Hacker-rank and Hacker-earth coding websites were explained.



Address by Dr.K.V.G Srinivas, Assistant Professor, dept of ECE

Topic: **Higher Education**

Session: 2:30PM to 3:30PM

Dr.K.V.G Srinivas, Assistant Professor, dept of ECE, explained why one should go for pursuing higher education and the various opportunities available to the students. He explained the significance of cracking GATE examination and disclosed the plan of action need to be followed in-order to crack GATE examination either in 3rd year or in final year of study. He extended his thanks to the Head, department of ECE for the encouragement and support in providing In-house GATE training to the students. He ended his speech showing the achievements of students in nationwide examinations such as GATE, GRE and CAT etc.

**DAY 2(02-02-2021)**

**PHYSICAL ACTIVITIES**



**YOGA CLASSES**

Session: 9:00AM to 11:30AM

The second day of the orientation program, started with the YOGA classes organized by Yoga club, department of ECE. Nearly 35 students attended the Yoga classes under the guidance of MsJyothi, Yoga teacher from “Turiya Yoga Studio” Visakhapatnam who has been invited to demonstrate yoga asanas to the students and make them learn and practice those asanas.

**SPORTS**

Coordinators: Mr.B.ChandraMouli, Mrs.P.Devi, Mrs.P.ChayaDevi, Mr.V.kumarsahu

Session: 9:00AM to 11:30AM

On the second day of the orientation program, nearly 56 students involved themselves in playing different games like Cricket, Volleyball, Basketball etc organized by Mr.B.ChandraMouli, Coordinator, Sports club, department of ECE.





### BASKETBALL MATCH

A Basketball match was conducted for duration of 25 minutes with two sets each for duration of 10 minutes and a break for 5 minutes. The First-year students had lot of fun playing the game and they got an opportunity to know about their classmates. The match was conducted under the guidance of Mr.B. Chandra Mouli, Assistant Professor (Sports club coordinator), Department of ECE. A total of 10 students participated in this match as two teams.



### CRICKET MATCH

An INTRA –DEPARTMENT Cricket match was conducted for first year students as a part of orientation program on 02-02-2021. The freshers were happy that such event was conducted and they had enjoyed the game a lot. The match was conducted under the guidance of Mr.B.ChandraMouli (Sports club coordinator) and Mr.D.Anil Prasad, Asst. Professor, Department of ECE. A total of 24 students participated in this match as shown below. Team B crowned the match.



### VOLLEY BALL MATCH

The match was conducted for three rounds and best two scores out of three were used to declare the winner. The match was conducted under the guidance of Mr.B. Chandra Mouli, Assistant Professor(Sports club coordinator), Department of ECE. A total of 12 students participated in this match and as shown below.



### BADMINTON MATCH

A Total of 12 students divided into 6 teams (2 per team) participated in this match. Badminton is conducted in three rounds. In first round 6 students were shortlisted. For the short listed students second round is conducted from which 3 students were shortlisted. Third round is conducted for the selected students and from which winner and runner is selected. For the winner and runner, gifts were given on third day of the orientation program.

### VISIT TO TINKERER'S LABORATORY, TL



Lab Incharge: Mr.N. Srinivasa Naidu

Session: 12:30PM to 1:30PM(Batch-I); Session: 01:30PM to 2:30PM(Batch-II)

During their visit to Tinkerer's lab students explored all tools and equipment available in the Tinkerer's laboratory(TL). Mr.N.Srinivasa Naidu, Faculty-In charge, TL shared his learning experience working with

projects related to Embedded systems and IOT and explained the objectives of TL and the benefits extended by department of ECE through TL to students. Also, he motivated students to participate in various upcoming competitions to be organized across the nation such as IICDC, L&T Techgium etc.



### **FUN WITH ROBOTICS**

Faculty Incharge: Dr. G. Prasanna and Mr. Nitin Kumar

Session: 12:30PM to 1:30PM(Batch-II); Session: 01:30PM to 2:30PM(Batch-I)

The session included two modules namely, robot-ball game, and robot coding. In the first module, the students were involved themselves in a game where they were asked to manoeuvre a robot to bring a ball placed at the opposite end of the hall to a specified position. The control of the robot's movements was done through Bluetooth by using an android phone. Having triggered the student's curiosity in the first module about the robot's circuitry and the coding involved, the session entered into the second module. Here, the students were taught how to build a robot from scratch. They were introduced to the sensor modules controlling the robot, namely, the IR sensors, LDR light intensity sensor and the ultrasonic range sensor. They were also taught about the actuator part of the robot which in this case was just the Geared DC motor.



### **TECHNICAL BODIES**

Faculty : Dr. A.Lakshmi Narayana, Dr.J.Bhaskara Rao, Mr.B.ChandraMouli

Session: 2:30PM to 3:00PM

Dr. A. Lakshmi Narayana, Asst Professor, explained the importance of Professional Bodies and their memberships to the students. He also explained how they impact on the technical growth of an individual being updated with latest technologies. Finally, he concluded his presentation with mentioning the three Technical Bodies in the Department [ACES – Dept. level, IETE-National level & IEEE-International level].

Dr. J. Bhaskara Rao, Asst Professor, presented on ANITS Communication Engineers Society [ACES] with its Origin, introducing its Body Members [Convener, Coordinators], Benefits & Events Organized by ACES in association with department of ECE.

Mr. B. Chandra Mouli, Asst Professor, presented on IETE with its Origin, introducing its IETE Student Forum Members. He explained its Benefits in the form of Magazines, Projects, Chance to interact with Professors & Industry Experts. Finally concluded with Events Organized by IETE in association with department of ECE.



### **ART & LITERATURE**

Faculty: Mr.A.Siva Kumar, Asst. Professor

Session: 3:00PM to 3:30PM

Mr. A. Siva Kumar, Asst Professor, started his session with the definition of the art and showed some of the videos that demonstrate the art. He explained the types of art and painting and the ways with which art can be explored. He shared his works related to arts and painting with students and explained about oil pastels, Acrylic paints, water colors and pencils. He showed the types of brushes, papers, canvas and other tools that can be used for any art work and motivated students to explore all the painting techniques for improving their works. In addition, he explained about Digital art work and showed all his digital art works.

### **DAY 3(03-02-2021)**



### **MOTIVATIONAL SPEECH**

Session: 9:00AM to 10:30AM

On the third day of orientation program, in order to motivate and built zeal in first year students to move in right mode and direction with their studies a session on “Mind Control” is arranged on 3-02-2021 during 9:00AM to10:30AM. The session is started by Mr KVNSP Santosh Subba Rao, a motivational speaker, Teacher, Art of living. He started his session stating that everyone wants to be successful in life, but not many are aware of what success really is. He said that success is an attitude, not just a phenomenon. He explained that the skills necessary to handle tough situations come from our inner space called spiritual space. He added in his speech five secrets for success.



### CINEMA QUIZ

Coordinators: Mr.P.Devi Pradeep, Ms.D.Nagamani, Ms.P.S.M.Veena  
 Session: 10:30AM to 11:30AM

Cinema Quiz is played during the orientation programme by many of the studentsthemselves on 3-02-2021 from 10:30AM to 11:30AM. A total of 48 students participated in theCinema Quiz. All participants divided into 8 groups with 6 members in each group. Theparticipants were asked questions ranging from general knowledge to our own college and frompopular television shows and movies to admired novels. Every correct answer earned a prize.Hence, the event had something for the bibliophiles as well as the aficionados of popular culture.The hosts of the quiz kept it very interactive and got a positive response from the students whoseemed to enjoy it.



### FUN GAMES

Event Coordinators: M.Nirmala, Ch.Anoosha, B.Deepa, K.Yashoda

Session: 12:30PM to 2:30PM

Several fun games were conducted for the students that featured Number Game, Human Knot Challenge, Traffic Jam, Magic Rope and Pen Ball Challenge. All the participants were divided into two batches in each game where the number of students in each batch is dependent on the type of game.



### **CULTURAL ACTIVITIES**

Event Coordinators: M.Nirmala, Ch.Anoosha, B.Deepa, K.Yashoda

Session: 2:30PM to 3:30PM

Next up, was the cultural program that featured dance performances by various groups, singing and instrumental performances such as Guitar etc.



### **PAPER CRAFTS EXHIBITION**

Event Coordinators: M.Nirmala, Ch.Anoosha, B.Deepa, K.Yashoda

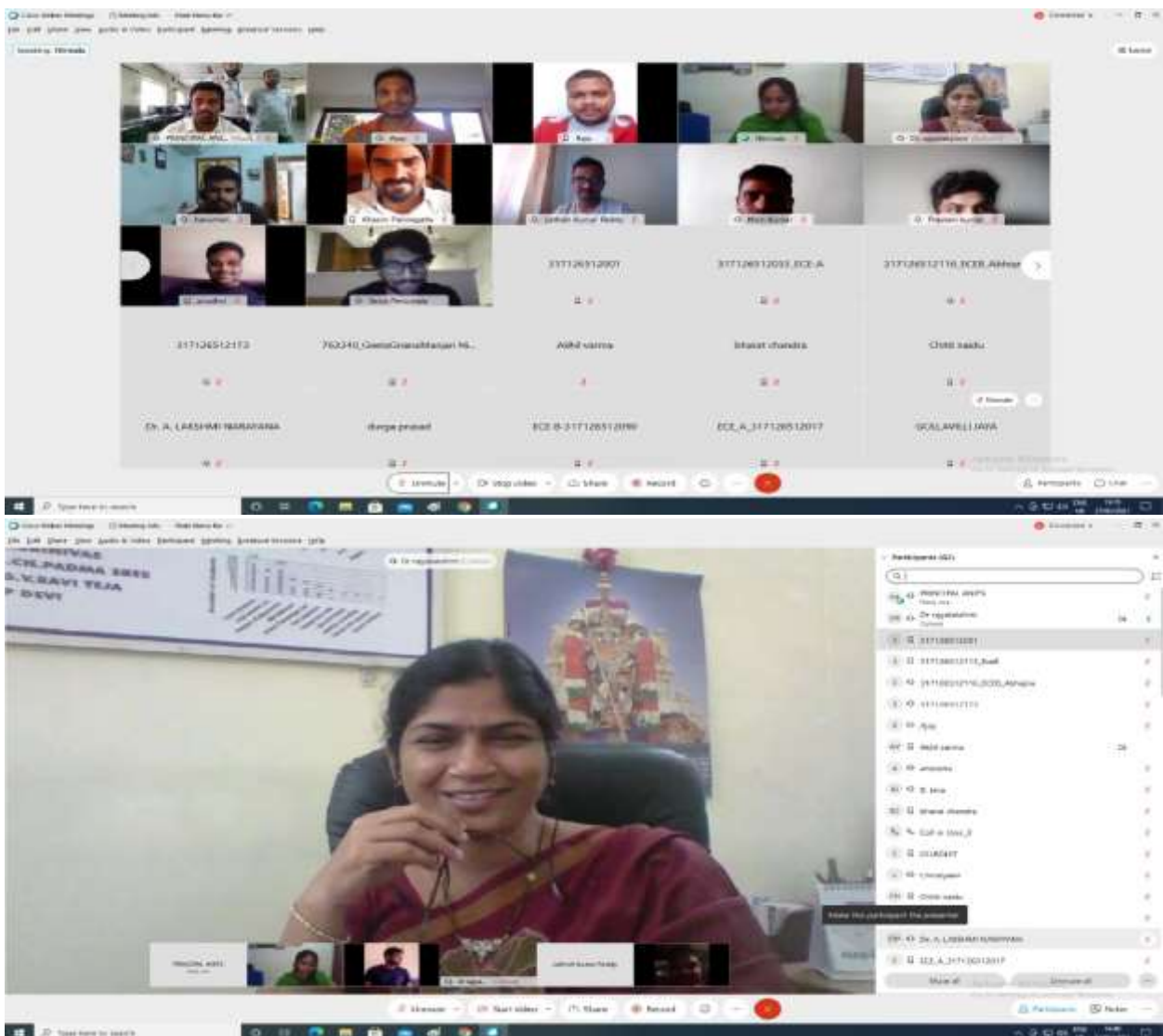
Session: 2:30PM to 3:30PM

With a motive of promoting "Prevent usage of plastic" which pollutes our land and water, paper crafts exhibition is arranged during the orientation program on 3-02-2021. Dr. V. Rajyalakshmi, prof. & HOD, ECE motivated the students that Paper crafts give them a chance to express themselves in a purely creative environment as they do not have to stick to strict protocol with paper crafts and are freed to let their creativity flow. She encouraged all Students to prepare paper bags in order to promote the importance of nature and the value of simplicity, utility and beauty of the crafts. Students voluntarily came forward and involved themselves in the exhibition by preparing paper bags to be exhibited in it.



## REFRESHMENTS AND DISTRIBUTION OF PRIZES

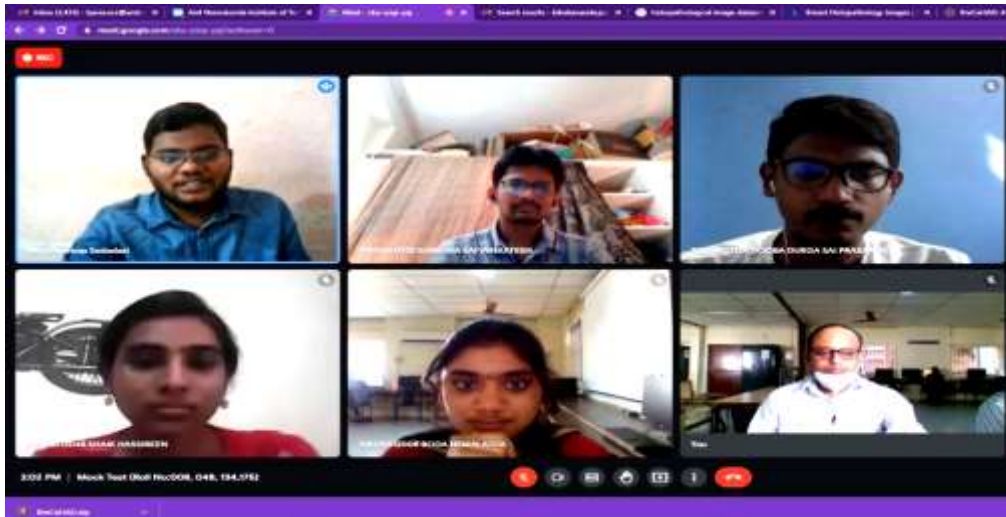
In order to encourage students to do better in a particular field, Prizes were distributed to all the participants in the various events, sports, cultural activities, fun games etc which can serve as a form of motivation. Recognizing students for other qualities like effort, improvement, and cooperation as well, can increase self-confidence, offer a sense of accomplishment, and generate respect in a peer group. The refreshments were then served.



## ALUMNI MEET

The department of Electronics and Communication Engineering, Anil Neerukonda Institute of Technology & Sciences organized Alumni Meet 2021 through online mode (Webex Meetings) on 27th February 2021. This was conducted in two sessions, session 1 from 9.00 AM to 11.30 AM and session 2 from 1.00 PM to 3.30 PM. In this meet 54 Alumni participated in the morning session with 195 attendees and 55 Alumni participated in afternoon session with 112 attendees. Alumni shared their experiences and knowledge with the students and given suggestions in the curriculum as per the current needs of the industry.

Agenda: 1. To interact with the Alumni. 2. Suggestions from alumni in curriculum. 3. To take alumni feedback on academic activities.



### MOCK INTERVIEW BY ALUMNI

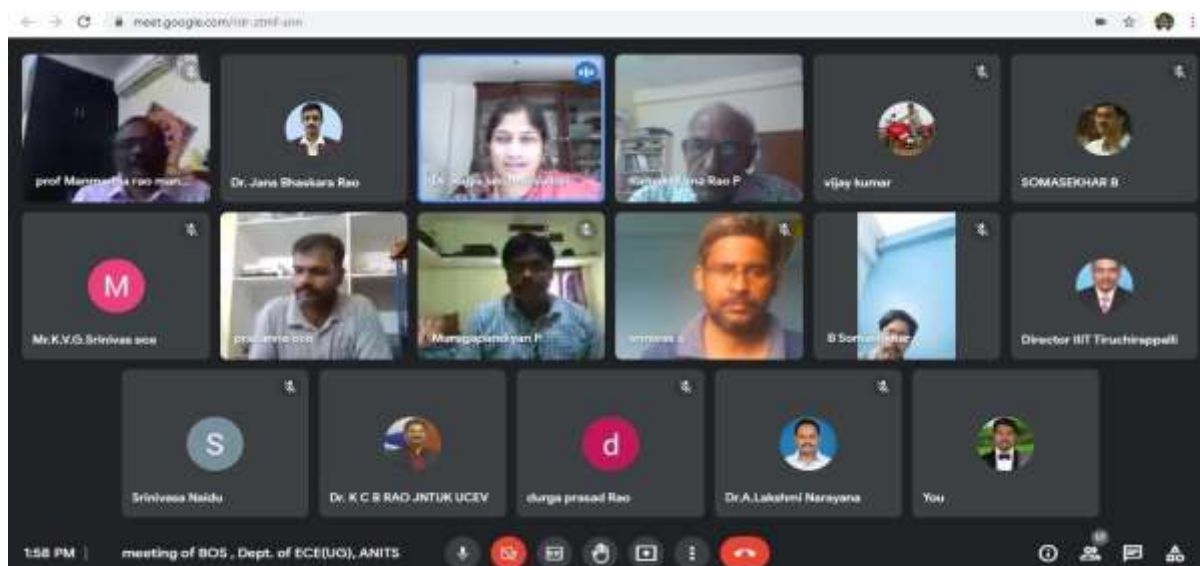
The 5 phase of Mock interview was conducted for 2022 batch students to face a placement interviews confidently Organized by ECE Dept, ANITS. An Interview was conducted for students through Gmeet with the help of alumni students those who are working for MNCs. The each panel was coordinated by the faculties of ECE. This event was coordinated by Mr.N.Ramkumar and Mr.P.Devipradeep under the guidance of Dr.V.Rajyalakshmi, HOD/ECE, ANITS.

**PHASE-I: Conducted on 05.10.2021 [TCS],**  
**PHASE-II: Conducted on 09.10.2021[WIPRO],**  
**PHASE-III: Conducted on 10.10.2021[WIPRO],**  
**PHASE-IV: Conducted on 21.10.2021[HYUNDAI MOBIS] &**  
**PHASE-V: Conducted on 22.10.2021[HYUNDAI MOBIS]**

The following alumnus have conducted the mock interview:

- |                              |                             |                                |
|------------------------------|-----------------------------|--------------------------------|
| 1. Mr.SWAROOP,Infosys        | 14. Mr.Akhil Pilaka,TCS     | 26. Mr.V.Vamsi,Infosys         |
| 2. Mr.PRADEEP,TCS            | 15. Ms.S Divya,TCS          | 27. Mr.Siddharth,Hyundai Mobis |
| 3. Mr.Ganesh,Accenture       | 16. Ms.K Madhulika,TCS      | 28. Mr. GRK                    |
| 4. Mr.Praveen,TCS            | 17. Mr.Sivakumar,Wipro      | Chaitanya,Qualcomm             |
| 5. Ms.Lalitha,TCS            | 18. Mr.M Vikas,Infosys      | 29. Mr.Naga manikanta,Veda IIT |
| 6. Ms.Sandya,TCS             | 19. Y.Samyuktha,Value labs  | 30. Mr.Surya Pavan,Hyundai     |
| 7. Ms.Manasa,Infosys         | 20. Ms.Hruthika.S,Infosys   | Mobis                          |
| 8. Ms.Hadasa preethi         | 21. Mr.Harsha               | 31. Mr.Upendra,Hyundai Mobis   |
| 9. Mr.K.Praveen,Infosys      | Aditya,Musigma              | 32. Ms Saimani,Hyundai Mobis   |
| 10. Mr.J.Harikiran,Broadcom  | 22. Mr.G V Siva Ram,Infosys | 33. Ms.Pujitha Reddy,Hyundai   |
| 11. Mr.Srinath kotha,Infosys | 23. Mr.Hrithik,Infosys      | Mobis                          |
| 12. Mr.G.Chaitanya,TCS       | 24. Ms.Gayathiri,Value labs |                                |
| 13. Ms.Lahari,Nine Leaps     | 25. Ms.Sravya,Value labs    |                                |





### BOARD OF STUDIES MEETING

6<sup>th</sup> BOS Meeting held on 27-05-2020 consisting of Prof. NVSN Sharma, Director IIIT, Trichy, Prof. P. Ramakrishna Rao, Advisor, ANITS, Prof. K. C. B. Rao, JNTUK University College of Engineering Vizianagaram, Prof. V. Rajya Lakshmi, Head Dept. of ECE, ANITS. Agenda of the meeting is to finalize 2<sup>nd</sup> year syllabus of R-19 Regulation.

### STUDENT ACHIEVEMENTS

1. Ms. Harshini Kandula (3181261512081) & Mr. Rahul singampalli (318126512103) III/IV ECE has won 2<sup>nd</sup> prize in the Two days online BUSINESS COMBAT (COGNITIVE VIRTUALBRAIN-STORM) event was organized by the department of Electronics and Communication Engineering (ECE)and ANITS-IIC for the Students of ANITS on 20th& 21st June'2021.
2. Ms.A.VidishaHamsa (318126512002) III/IV ECE has completed internship of 4 weeks on Internet of Things from smart knower and got Best Award, Dec-Jan 2021.
3. Mr. I. Hemanth (318126512139), Mr. A. Davakalyan (319126512L16), Ms. N. Gayathiri (318126512162), Ms. N. Pujitha (318126512161) III/IV ECE has won Ist prize in the One day online Ideas To Innovation challenge (Intra Department) event was organized by the department of Electronics and Communication Engineering (ECE)and ANITS-IIC for the Students of ANITS on 27.01.2021.

### ONLINE CERTIFICATION COURSES BY STUDENT'S [COURSERA]

1. Mr. D.Satya Sai Kumar (318126512076), Mr.Ch. Mani Vivek Sri Harsha (318126512015),Mr.A.Kapilvardhan (318126512123), Mr.G.Bharat Chandra (318126512125), Mr.D.Anilkumar (318126512132), Mr.G.Avinash(318126512136), Mr.K.Anilkumar (318126512145), Mr.K.Tanoj Naidu(318126512148), Mr.L.Rakesh (318126512150), Ms.NitcherlaVyahruth (318126512157), Mr.N.Siva (318126512158), Mr.S.Harinath (318126512173) III/IV ECE students has successfully completed the online course "**Building modern python applications on AWS**" authorized by AWS and offered through COURSERA on july'2021.
2. Mr.B.Vinaykumar (318126512126) III/IV ECE student has successfully completed the online course"**Cyber Security & the Internet of Things**" authorized by kennesawate universityand offered through COURSERA on july'2021.

3. Mr.Ch.Rohit (318126512127) III/IV ECE student has successfully completed the online course“**AWS Cloud Technical Essentials**” authorized by AWS and offered through COURSERA on June '2021.
4. Mr. D.SaiVeerendra (318126512130) III/IV ECE student has successfully completed the online course“**Foundations: Data, Data, Everywhere**” authorized by Google and offered through COURSERA on July '2021.
5. Mr.K.Rohit (318126512147) III/IV ECE student has successfully completed the online course“**Introduction to Cyber Security tools & Cyber Attacks**” authorized by IBM and offered through COURSERA on June '2021.
6. Mr.L.Govardhan (318126512151)III/IV ECE student has successfully completed the online course“**Foundations: data, data, everywhere** ” authorized by Google and offered through COURSERA on June '2021.
7. Mr.G.Ravanth(318126518019)Ms.CH.Suvarchala (318126512014)Mr.M.Venkatesairam (318126512154), Mr.S.Pavankumar (318126512174), Mr. KOLA TEJESWARA RAO (318126512025),Ms.KRajyalakshmiPravallika(319126512L01)III/IV ECE students has successfully completed the online course“**The Bits and Bytes of Computer Networking** ” authorized by Google and offered through COURSERA on June '2021.
8. Mr.S.Rakeshbabu (318126512050) III/IV ECE student has successfully completed the online course“**SQL for DataScience** ” authorized by ucdavisand offered through COURSERA on June '2021.
9. Mr.David Samuel (318126512051) III/IV ECE student has successfully completed the online course“**Getting started with AWS machine learning**” authorized by AWS and offered through COURSERA on June '2021.
10. Mr.David Samuel (318126512051) III/IV ECE student has successfully completed the online course“**Introduction to SQL**” authorized by University of Michiganand offered through COURSERA on June '2021.
11. Mr.S.Bhargav (318126512053), Ms.S.Sreevalli( 318126512104) III/IV ECE student has successfully completed the online course“**Crash Course on Python**” authorized by University of Michiganand offered through COURSERA on July '2021.
12. Mr.S.SaiNitish(318126512047),Mr.M.Nysn Murthy(318126512089),Ms.M.Ch.Swaroopaa (318126512090)III/IV ECE student has successfully completed the online course“**AI for Everyone**” authorized by Deeplearning.Aland offered through COURSERA on July '2021.
13. Mr. MurariNeerajDattathreya (318126512033)III/IV ECE student has successfully completed the online course“**The Data Scientist’s Toolbox**” authorized by Johns Hopkins University and offered through COURSERA on July '2021.
14. Mr. D.DurgaSaiPrasanth (318126512134)III/IV ECE student has successfully completed the online course“**Machine learning for All**” authorized by University of London and offered through COURSERA on May '2021.
15. Ms.K.Pavani(318126512085)III/IV ECE student has successfully completed the online course“**Introduction to programming using java**” authorized by Microsoft Technology Associate and offered through COURSERA on May '2021.
16. Mr.P.SaiKiran(318126512098)III/IV ECE student has successfully completed the online course“**8086 Microprocessor**” authorized by Bharat AcharyaEducation in Apr '2021.
17. Mr. B.Harsha Vardhan (318126512124), Mr. D.Vishnu Vardhan (318126512133), Mr. K.Bhavana (318126512146) III/IV ECE students has successfully completed the online course “**Introduction to**

**Internet of Things” (6 Courses)** authorized by UCI University Of California, Irvine and offered through COURSERA on Aug’2020.

18. Ms.Ankitha Vidisha Hamsa (318126512002), Mr.A.Sunil Kumar (318126512122), Ms. J.Asritha (318126512140), Ms. J.Bhavani (318126512142), Ms. M.Deepshika (318126512152), Ms.N. Pujitha Vaidya (318126512161), Ms. N.Gayathri (318126512162), Mr. G.Vamsi (318126512177), Mr.P.Yogesh Sairam (318126512180), Mr.I.Monoj (319126512L15) III/IV ECE students has successfully completed the online course **“Introduction To Internet Of Things & Embedded Systems”** authorized by UCI University Of Callifornia, Irvine and offered through COURSERA on july’2020.
19. Mr. G.Jyothsana (318126512137) III/IV ECE student has successfully completed the online course **“The Arduino platform & C Programming”** authorized by UCI University Of California, Irvine and offered through COURSERA on june’2020.
20. Mr. Mohan Manoj Pentakota (318126512038) III/IV ECE student has successfully completed the online 6 courses **“Create Your First Python Program, Data Collection and Processing with Python, python Basics, python functions, files & Dictionaries, Python classes and inheritance, using python to Access web data ”** authorized by University of Michigan and offered through COURSERA on june’2020.
21. Mr. G. Manikanta Sarma (318126512018) III/IV ECE student has successfully completed the online course **“Programming for Everybody (Getting Started with python)”** authorized by University of Michigan and offered through COURSERA on June ’2020.
22. Mr.HariSomasundarTushar (318126512021)III/IV ECE student has successfully completed the online course**“Programming for everybody\_python”** authorized by University of Michiganand offered through COURSERA on Nov’2020.
23. Ms. Ankitha Vidisha Hamsa (318126512002),Ms. M.Deepika (318126512073), Ms. K.Sindhuja(318126512083),Mr.S.Sudheer(318126512105),Ms.Vaishnavi(318126512112), Ms.V.Sravani(318126512115),Mr.SunilKumar.A(318126512122),Ms.G.Reshma(318126512138), Ms. Asritha.J(318126512140), Ms. Bhavani .J(318126512142), Ms. Deepshika. M (318126512152),Ms.Pujithavaidya.N(318126512161),Ms.N.Gayathri(318126512162),Mr.vasmi.G(3181 26512177),Mr.YogeshSairam.P(318126512180), Mr. Monoj.I (319126512L15) III/IV ECE student has successfully completed the online course **“Introduction To Internet Of Things And Embedded Systems”** authorized by uci university of callifornia,irvine offered through COURSERA on June’2020 .
24. Ms.Vaishnavi(318126512112),Ms. G.Jyothsna(318126512137), Mr. Deva kalyan.A (319126512L16) III/IV ECE student has successfully completed the online course **“the Arduino platform & C Programming”** authorized by uci university of callifornia,irvine offered through COURSERA on June’2020.
25. Mr. M.Vikram (318126512156) III/IV ECE student has successfully completed the online course **“interfacing with the Arduino”** authorized by uci university of callifornia,irvine offered through COURSERA on June’2020.
26. Mr. Pentakota Mohan Manoj (318126512038) III/IV ECE student has successfully completed the online course **“Create Your First Python Program”** authorized by coursera project network offered through COURSERA on June’2020.
27. Mr. Pentakota Mohan Manoj (318126512038) III/IV ECE student has successfully completed the online course **“Python Basics”** authorized by University of Michigan offered through COURSERA on June’2020.

28. Mr. Pentakota Mohan Manoj (318126512038) III/IV ECE student has successfully completed the online course **“Python Functions, Files & Dictionaries”** authorized by University of Michigan offered through COURSERA on June’2020.
29. Mr. Pentakota Mohan Manoj (318126512038) III/IV ECE student has successfully completed the online course **“Python classes and inheritance”** authorized by University of Michigan offered through COURSERA on June’2020. **Data Collection and Processing with Python**
30. Mr. Pentakota Mohan Manoj (318126512038) III/IV ECE student has successfully completed the online course **“Data Collection and Processing with Python”** authorized by University of Michigan offered through COURSERA on June’2020.
31. Mr. Pentakota Mohan Manoj (318126512038) III/IV ECE student has successfully completed the online course **“using python to Access web data”** authorized by University of Michigan offered through COURSERA on June’2020.

#### **WORKSHOP’s/ SEMINAR’s/EVENT’s ATTENDED BY STUDENTS**

1. Mr. P. Hemanth Kumar (318126512164), Mr.P.Sai Charan(318126512166), Ms.Ankitha Vidisha Hamsa(318126512002),Ms. Vaishnavi Lingala (318126512054),Mr. Shyam Deepak K (318126512049), Mr. Keerthi Pramod Siva Kumar Babu (318126512024), Mr.L. Govardhan (318126512151), Ms.J.Sarayuu (318126512022), Ms.R. Padmapriya (318126512043) III/IV ECE & Ms. B.G.S.Sneha(319126512133), Mr. A. Revanth (319126512132), Mr. J.Ashish (319126512150), Ms. G.Vineela (319126512147), Mr. A. Pavan Sadhguna(319126512131), Mr.M.Vamsi (319126512162), Mr.V.John Sandeep (319126512187), Mr. K. Ravikumar (319126512173), Ms. P.P.Anjana Sriya (319126512169), Ms. T.Vandana (319126512183), Mr. G.Teja Vinay (319126512144), Mr. G.Gowtham (319126512084), Mr. Naveen Nemala (319126512102),Mr.V.V. Ramalingeswar Rao (319126512063), Ms. MANAS PUKKALA (319126512046), Mr. Zaheer Mohammad(319126512037), Ms.T.Samyuktha (319126512059), Mr. T. S. N .Bhargava Ram (320126512111), Mr. G. Karthik Sai (320126512115), Ms. D. Tejeswini (320126512L10), Ms. R.Anusha(320126512L08), Ms. B.Manju Sri (320126512L01), Mr. V.Bhaskar Lal Mehar Satsangi (320126512L02) II/IV ECE has participated in the Two days online BUSINESS COMBAT (COGNITIVE VIRTUALBRAIN-STORM) event was organized by the department of Electronics and Communication Engineering (ECE)and ANITS-IIC for the Students of ANITS on 20th& 21st June’2021.
2. Ms.P.P.Anjana Sriya(319126512169), Ms.T.Vandana (319126512183), Mr.A.Pavan Sadhgun (319126512131),Mr.G.Teja Vinay (319126512144),Ms.B.G.S.Sneha (319126512133), Ms.A.Manasa(319126512129) II/IV ECE has participated in the One day online Ideas To Innovation challenge (Intra Department) event was organized by the department of Electronics and Communication Engineering (ECE)and ANITS-IIC for the Students of ANITS on 27.01.2021.

#### **FACULTY ACHIEVEMENTS**

- Dr.P.Murugapandiyam, Associate Professor, ECE, reviewed a research article entitled **“Scaling Behavior of Sub-100 nm InAlN/GaN High-Electron-Mobility Transistors on Silicon for Radio Frequency Applications”** for ACS Applied Electronic Materials. (August 2020).
- Ms.M.Nirmala, Assistant Prof., ECE has Selected and Successfully Completed 8 weeks **“Summer**

**Faculty Research Fellow Programme-2020**” in IIT Delhi during 2nd June to 31st July 2020.

- Ms.Ch.Anoosha, Assistant Prof., ECE has Selected and Successfully Completed 8 weeks **“Summer Faculty Research Fellow Programme-2020”** in IIT Delhi during 2nd June to 31st July 2020.
- Ms.R.Chandra Sekhar, Assistant Prof., ECE has Selected and Successfully Completed 8 weeks **“Summer Faculty Research Fellow Programme-2020”** in IIT Delhi during 2nd June to 31st July 2020.
- Dr.J.Bhaskara Rao, Asst.Prof. ECE achieved state award **“Bharath Talents Vidya Sri”** for outstanding contribution to the Society in the specialized field education by Bharath Talents Association on November 2020.
- Dr.J.Bhaskara Rao, Asst.Prof. ECE achieved **Research Excellence Award 2020** by Institute of Scholars on November 2020.
- Dr.J.Bhaskara Rao, Asst.Prof. ECE is recognized as **Reviewer** for the Journal of Institute of Scholars- International Journal of Electronics, Electrical and Communication Engineering on November 2020.
- Dr.J.Bhaskara Rao, Asst.Prof. ECE is recognized as **Professional Member** for Institute of Scholars on November 2020.
- Dr.J.Bhaskar Rao, Asst.Prof. ECE, Mr.E.Kesava Rao, Mr.G.Pavan Kumar and Ms.P.Sandhya academic project titled **“Serial Numbers extraction on Currency Notes in Cash Deposit Machine Using Python and Raspberry Pi”** is selected for Student Project Programme-2020 by Institute of Scholars on November 2020.
- Dr.V.Rajyalakshmi, HOD, ECE acted as an **external chair** for AICTE sponsored International E-Conference on Emerging Trends in Engineering and Management (ICETEM-2020) organized by Sri vasavi Engineering College, Tadepalligudem, AP held on 19<sup>th</sup> -20<sup>th</sup> February 2021.
- Mr P.Devi Pradeep, Asst.Prof., ECE Completed NPTEL online Certification course in Op-Amp Practicle Applications: Design, Simulation & Implementation with a consolidated score of 66% ELITE from IISc Benagaluru in the duration Sep-Dec 2020 (12 weeks).[FDP]
- Dr.P.Muruga Pandian, Assoc.Prof., ECE had given an invited talk on "Microelectronics" as a part of AICTE-AQIS Sponsored Short Term Training Programme on Evolution of Polytronics in Future Technology organized at MAM College of Engineering, Trichy, Tamilnadu on 9th , 17th & 26th December 2020.
- Dr.A.Lakshmi Narayana, Asst.Prof., ECE has completed a certificated course on "Industry Standard Online FDP on 5G Technology" by APSSDC in association with QuadGen Wireless Solutions, a 40 Hours course held from Dec 24 to Jan 12, 2021.
- Mr.R.Chandra Sekhar, Asst.Prof., ECE has completed a certificated course on "Industry Standard Online FDP on 5G Technology" by APSSDC in association with QuadGen Wireless Solutions, a 40 Hours course held from Dec 24 to Jan 12, 2021.
- Dr.A.Lakshmi Narayana, Asst.Prof., ECE has successfully completed one week online certificate course on **“Digital teaching Techniques”** organized by ICT Academy from 1<sup>st</sup> – 6<sup>th</sup> Feb 2021.
- Dr.P.Murugapandiyan, Associate Professor, ECE, reviewed a research article entitled **“Analysis of AlGa<sub>N</sub>/Ga<sub>N</sub> Field Plate HEMT and its Operational Improvement using Grated Gate FieldPlate”** for Silicon (springer publisher). (Jan 2021)
- Mr.G.V.Ravi Teja, Asst.Prof., ECE has conferred **“Young Scientist Award”** for contribution towards research in the field of antennas from Novel Patent Services and SPNS technologies on 5<sup>th</sup> April 2021.
- Dr.P.Murugapandiyan, Associate Professor, ECE, reviewed a research article entitled **“Doping free Schottky Buried Metal Layer Fully Depleted Planar FET for SCE Suppression at sub-28nm Technology Nodes”** for Silicon (springer publisher). (March 2021).
- Dr. V. Rajyalakshmi, HOD, ECE have acted as a resource person for one day workshop on **“Reforms in Assessment process”** on 13-03-2021 organized by IQAC, ANITS.

- Dr.P.Murugapandiyan, Assoc. Professor, ECE, reviewed a research article entitled “**Short-channel Effects Limitations on Direct-current Characteristics of InAlN/GaN High-electron Mobility Transistors**” for Silicon journal (Springer publisher). (July 2021).

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### MOOCS COURSES BY FACULTY [COURSERA]

1. Mr.P.Devi Pradeep, Asst. Professor, ECE has successfully completed online course “**Hardware Security**” authorized by University of Maryland, College Park and offered through Coursera on 12<sup>th</sup> Sep 2020.
2. Dr.V.Rajyalakshmi, HOD ECE has successfully completed online course “**Machine Learning for All**” authorized by University of London and offered through COURSERA on 21<sup>st</sup> Feb 2021.
3. Dr.V.Rajyalakshmi, HOD ECE has successfully completed online course “**What is Data Science**” authorized by IBM and offered through COURSERA on 22<sup>nd</sup> Feb 2021.
4. Dr.P. Murugapandiyan, Associate, Professor, ECE has successfully completed online course “**The Arduino Platform and C Programming**” authorized by University of California, Irvine and offered through Coursera on 24<sup>th</sup> May 2021.
5. Mr.VVk.Raju, Assistant Professor, ECE has successfully completed online course “**COVID-19 Contact Tracing**” an online non-credit course authorized by Johns Hopkins University and offered through Coursera 21<sup>st</sup> May 2021.
6. Mr.N.Ram Kumar, Asst. Professor, ECE has successfully completed online course “**The Arduino Platform and C Programming**” authorized by University of California, Irvine and offered through Coursera on 8<sup>th</sup> April 2021.
7. Mr.N.Ram Kumar, Asst. Professor, ECE has successfully completed online course “**The Raspberry Pi Platform and Python Programming for the Raspberry Pi**” authorized by University of California, Irvine and offered through Coursera on 22<sup>nd</sup> April 2021.
8. Mr.N.Ram Kumar, Asst. Professor, ECE has successfully completed online course “**Interfacing with the Raspberry Pi**” authorized by University of California, Irvine and offered through Coursera on 14<sup>th</sup> May 2021.
9. Dr.S.Srinivas, Associate, Professor, ECE has successfully completed online course “**Machine Learning for All**” authorized by University of London and offered through COURSERA on 19<sup>th</sup> June 2021.
10. Mrs.K.Yashoda, Assistant Professor, ECE has successfully completed online course “**Introduction to Machine Learning**” authorized by Duke University and offered through COURSERA on 21<sup>st</sup> June 2021.
11. Mr.N.Nitin Kumar, Assistant Professor, ECE has successfully completed online course “**R Programming**” an online non-credit course authorized by Johns Hopkins University and offered through Coursera 22<sup>nd</sup> June 2021.
12. Mr.B.Jena, Assistant Professor, ECE has successfully completed online course “**Neural Networks and Deep Learning**” an online non-credit course authorized by Deep Learning AI and offered through Coursera 17<sup>th</sup> June 2021.
13. Ms.P.Devi., Asst.Prof., ECE has successfully completed 100% of the self-paced training course on “**Image Processing Onramp**” organized by Mathworks Training services on 29th June 2021.
14. Ms.Ch.Anoosha, Asst.Prof., ECE has successfully completed 100% of the self-paced training course on “**Signal Processing Onramp**” organized by Mathworks Training services on 29th June 2021.

15. Ms.M.Nirmala, Assistant Professor, ECE has successfully completed online course **“Wireless Communications for Everybody”** an online non-credit course authorized by Yonsei University and offered through Coursera on 16<sup>th</sup> July 2021.
16. Ms.P.Chaya Devi, Assistant Professor, ECE has successfully completed online course **“Wireless Communications for Everybody”** an online non-credit course authorized by Yonsei University and offered through Coursera on 22<sup>nd</sup> July 2021.

### NPTEL COURSES BY FACULTY

1. Mr.P.Devi Pradeep, Asst. Professor, ECE has successfully completing the course **“Op-Amps Practical Applications: Design, Simulation and Implementation”** with Elite certificate and consolidated score of 66% by IISc, Bengaluru during Sep-Dec 2020 [12 weeks].FDP.

### FACULTY PAPER PUBLICATIONS IN CONFERENCE

- Mr.G.Viswanadh Raviteja, Asst.Prof., and Ms.P.Devi, Asst.Prof., ECE have presented a paper titled **“Modified Triangular Microstrip Monopole Design employing Meandered edge-cut and Partial ground configuration for UWB Applications”** in an international conference on Intelligent Computing in Control and Communication (ICCC 2020) organized by Aditya Institute of Technology and management, Tekkali from 7th -8th August 2020. Published on Springer on January 2021.
- Mr.P.Devi Pradeep, Asst.Prof., ECE has presented a paper titled **“Hardware Trojan Detection to Enhance Hardware Security”** The 2020 International Conference of Electrical and Electronics Engineering (ICEEE'20) organized by the International Association of Engineers (IAENG), at London, U.K., 1st -3rd July, 2020.
- Ms.M.Nirmala, Asst.Prof., ECE presented a paper titled **“Isolation Improvement of multiband Fractal MIMO antenna for wireless applications”** in an international IEEE India Council International Sub-Section's Conference INDISCON 2020 at Gayatri Engineering College, Visakhapatnam,3rd -4th October 2020.(IEEE Digital Library).
- Dr.P.Muruga Pandiyan, Assoc.Prof., ECE have presented a paper titled **“Composite channel based AlGaIn/InGaIn/GaN and InAlN/InGaIn/GaN-based HEMTs for high-power wide bandwidth millimeter-wave applications”** in a 6<sup>th</sup> International Conference on Nano science and Nanotechnology (ICONN 2021), organized by SRM IST, Chennai during 1st – 3rd February 2021.
- Dr.P.Muruga Pandiyan, Assoc.Prof., and Mr.N.Ram Kumar,Asst.Prof, ECE have presented a paper titled **“Al<sub>0.3</sub>Ga<sub>0.7</sub>N/In<sub>0.1</sub>Ga<sub>0.9</sub>N/GaN/Al<sub>0.04</sub>Ga<sub>0.96</sub>N high-performance nano-scale high electron mobility transistor for wideband microwave applications”** in a 6<sup>th</sup> International Conference on Nano science and Nanotechnology (ICONN 2021), organized by SRM IST, Chennai during 1st – 3rd February 2021.
- Dr.P. Murugapandiyan,Assoc.Prof., Mr. N. Ramkumar,Asst.Prof., and Dr. V. Rajyalakshmi, HOD, ECE have presented a paper titled **"High-k passivation Gate Field Plate Al<sub>0.295</sub>Ga<sub>0.705</sub>N/GaN/Al<sub>0.04</sub>Ga<sub>0.96</sub>N High Electron Mobility Transistors"**, in 2nd International Conference on Multidisciplinary Innovation in Academic Research Organized by: Institute For Engineering Research and Publication (IFERP) at Chennai, India, 18th March 2021. ISBN No : 978-93-90214-14-3.

- Dr.P. Murugapandiyan, Assoc.Prof., Mr. N. Ramkumar, Asst.Prof., and Dr. V. Rajyalakshmi, HOD, ECE have presented a paper titled “Performance analysis for SiN passivation Gate Field Plate Al<sub>0.295</sub>Ga<sub>0.705</sub>N/GaN/Al<sub>0.04</sub>Ga<sub>0.96</sub>N High Electron Mobility Transistors for High Power Microwave” in 2nd International Conference on Technological Innovations in Engineering and Management (ICTIEM-21), organized by IFERP – ICTI, Visakhapatnam during 30th-31st March, 2021.
- Ms.Ch.Padmasree, Asst.Prof., ECE have presented a paper titled “Adaptive Equalization and Pilot Estimation in Shallow Water Environment using COFDM System for Image Transmission” in 2<sup>nd</sup> International Conference for Emerging Technology (INCET) organized by Jain College of Engineering & Technology, Belgaum Karnataka during May 21-23, 2021. (IEEE).
- Dr.P.Murugapandiyan, Assoc. Professor, and Mr. N. Ramkumar, Asst.Prof., ECE has participated and presented paper titled “**High-Performance In<sub>0.13</sub>Al<sub>0.83</sub>Ga<sub>0.04</sub>N/ AlN/GaN/In<sub>0.04</sub>Ga<sub>0.96</sub>N HEMT for High Power Millimeter Wave Electronics**” in 2021 IEEE Madras Section Conference (MASCON), 2021, pp. 1-5, doi: 10.1109/MASCON51689.2021.9563373. Duration 27-28 Aug. 2021.

### FACULTY PAPER PUBLICATIONS IN JOURNAL

1. Mr.B.Jena, Asst.Prof. ECE has contributed a Chapter **Nature-Inspired Optimization Algorithm and Benchmark Functions: A Literature Survey** to the book “Computational Intelligence: Theoretical Advances/Advanced Applications, De Gruyter Publisher, **AUG 2020**, [doi.org/10.1515/9783110671353-001](https://doi.org/10.1515/9783110671353-001).
2. Mr.B.Jena, Asst.Prof. ECE has published a paper titled “**Neural Network-Based Random-Valued Impulsive Noise Suppression Scheme**” in an international journal Intelligent System Design. Advances in Intelligent Systems and Computing, vol 1171, PP:759-769, August 2020. (Springer), [https://doi.org/10.1007/978-981-15-5400-1\\_72](https://doi.org/10.1007/978-981-15-5400-1_72).
3. Ms.B.Deepa, Asst.Prof., ECE publishes a paper titled “**Side Lobe Reduction using Bacterial Foraging Optimization**” in an International Journal of Microwave Engineering & Technologies, Volume 7, Issue 2, ISSN: 2349-9001, PP:7-15, August 2020.
4. Mr.B.Jena, Asst.Prof. ECE has published a paper titled “**A novel interdependence based multilevel thresholding technique using adaptive equilibrium optimizer**” in international Journal of Engineering applications of Artificial Intelligence (ELSEVIER), Vol:94, September 2020.
5. Mr.B.Jena, Asst.Prof. ECE has published a paper titled “**An adaptive Harris hawks optimization technique for two dimensional grey gradient based multilevel image thresholding**” in Applied Soft computing Journal (ELSEVIER), Vol:95, October 2020.
6. Dr.P.Muruga Pandiyan, Assoc.Prof., ECE, Mr.N.Ram Kumar, Asst.Prof. and Dr.V.Rajyalakshmi, HOD ECE has published a paper titled “**Breakdown voltage enhancement of gate field plate Al<sub>0.295</sub>Ga<sub>0.705</sub>N/GaN HEMTs**”, International Journal of Electronics, <https://doi.org/10.1080/00207217.2020.1849819>. (SCI indexed) Nov 2020.
7. Dr.P.Muruga Pandiyan, Assoc.Prof., and Mr.N.Ram Kumar, Asst.Prof, ECE have published a paper titled “Investigation of Influence of SiN and SiO<sub>2</sub> Passivation in Gate Field Plate Double Heterojunction Al<sub>0.3</sub>Ga<sub>0.7</sub>N/GaN/Al<sub>0.04</sub>Ga<sub>0.96</sub>N High Electron Mobility Transistors” Silicon (2021). <https://doi.org/10.1007/s12633-020-00899-z>. (SCI indexed Journal, Springer Nature) on January 2021.
8. Mr.B.Jena Asst.Prof., ECE has published a paper titled “A leader Harris hawks optimization for 2-D Masi entropy-based multilevel image thresholding” in an International journal *Multimedia Tools and Applications*, <https://doi.org/10.1007/s11042-020-10467-7>, Feb 2021. 1-41.



9. Dr.KVG. Srinivas, Asst.Prof., ECE has published a paper titled **“Improved hierarchy of Floating Point Multiplication using 5:3 compressor”** in **International Journal of Electronic Letters**, <https://doi.org/10.1080/21681724.2020.1870716>, **January 2021**.
10. Mr. N. Ramkumar, Asst.Prof., ECE has published a paper titled “Highly scaled graded channel GaN HEMT with peak drain current of 2.48 A/mm” in an international journal **Electronics and Communications**, ELSEVIER, vol:136, April 2021, 153774, ISSN 1434-8411, <https://doi.org/10.1016/j.aeue.2021.1537>.
11. Mr.B.Jena Asst.Prof., ECE has published a paper titled “A Differential Squirrel Search Algorithm” in **Advances in Intelligent Computing and Communication. Lecture Notes in Networks and Systems**, vol 202. Springer, Singapore. [https://doi.org/10.1007/978-981-16-0695-3\\_15](https://doi.org/10.1007/978-981-16-0695-3_15), pp 143-152, May 2021.[springer]
12. Mr.B.Jena Asst.Prof., ECE has published a paper titled “Multilevel Thresholding Using Black Widow Optimization” in **Advances in Intelligent Computing and Communication. Lecture Notes in Networks and Systems**, vol 202. Springer, Singapore. [https://doi.org/10.1007/978-981-16-0695-3\\_15](https://doi.org/10.1007/978-981-16-0695-3_15), pp 591-599, May 2021.[springer]
13. Ms.Ch Anoosha, Asst.Prof., ECE has published a paper titled “Non-Linear Frequency Modulated Radar Echo Signal Cancellation using Interrupted Sampling Repeater Jamming” in an **International Journal of Performability Engineering**, Vol 17, Issue 4, PP: 404-410. May 2021. doi: 10.23940/ijpe.21.04.p8.404410 SCOPUS.
14. Dr.P.Murugapandiyam, Assoc. Professor, ECE has published a paper titled **“Nanosheet field-effect transistors-A next-generation device to keep Moore's law alive: An intensive study”** in an **International Microelectronics Journal**, 2021, 105141, ISSN 0026-2692, <https://doi.org/10.1016/j.mejo.2021.105141>.  
(<https://www.sciencedirect.com/science/article/pii/S002626922100152X>).
15. Dr.G.Manmadha Rao, Prof., ECE has published a paper titled **“Design of 4-bit ALU using sub-threshold adiabatic logic (SAL)”** in an international journal **ādhanā**, Vol 46, Issue 153 (August 2021). <https://doi.org/10.1007/s12046-021-01668-3>.
16. Dr.Bhaskara Rao Jana, Asst.Prof., ECE, published paper titled **“Pixel density based trimmed median filter for removal of noise from surface image”** in international journal of **Applied Nanoscience**, June 2021, (SPRINGER). <https://doi.org/10.1007/s13204-021-01950-0>.
17. Mr.B.Jena, Asst.Prof., ECE has published a paper titled **“Maximum 3D Tsallis entropy based multilevel thresholding of brain MR image using attacking Manta Ray foraging optimization”** in international journal of **Engineering Applications of Artificial Intelligence** 103(16):104293 in August 2021. (SCI).

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

1. Dr.J.Bhaskara Rao, Asst.Prof. ECE have successfully completed AICTE Sponsored One Week Online Short Term Training Program (3rd phase) on **“ICT Tools for Engineering College Teaching and Outcome Based Learning”** organized by Department of Electronics & Communication Engineering Raghu Institute of Technology (Autonomous), Visakhapatnam, During 09th November - 14th November 2020.
2. Mr.V Vijaya Kumar Raju, Asst.Prof. ECE have participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on **"Recent Trends and Applications in Biomedical Signal and Image Processing"** at G. H. Rasoni College of Engineering, Nagpur during 21<sup>st</sup> – 25<sup>th</sup> September 2020.

3. Mr.V Vijaya Kumar Raju, Asst.Prof. ECE have participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on **"Blended Learning and Flipped Classroom"** at Vellore Institute of Technology during 14<sup>th</sup> -18<sup>th</sup> September 2020.
4. Mr.G.V.Ravi Teja, Asst.Prof., ECE have attended online FDP titled "The Metamaterial and Antenna Design for Future Generation Wireless Communication Systems" organized by Visvesvaraya National Institute of Technology, Nagapur during Feb 22-26, 2021.
5. Dr.G.Manmadha Rao,Prof., ECE has participated in 10 hours of Faculty Development program on "Emotional Intelligence (online LIVE FDP)" organized by ICT Academy from 23<sup>rd</sup> -27<sup>th</sup> Feb 2021.
6. Ms.M.Nirmala, Asst.Prof., ECE has participated the Scheme for Promotion of Academic and Research Collaboration (SPARC) Sponsored Two Week Online Workshop on "Recent Trends on Metamaterial Antennas for Wireless Applications and Deep Learning Techniques" organized by the Department of Electronics and Communication Engineering, National Institute of Technology, Tiruchirappalli from 15th to 26th February 2021.
7. ECE Department faculty, ANITS have participated in workshop on "Reforms in Assessment process" on 27-03-2021 organized by IQAC, ANITS.
8. Dr.P. Murugapandiyan,Assoc.Prof., ECE and Mr. N. Ramkumar,Asst.Prof., ECE has participated in a two-week Online Faculty Development Programme on "5G Design: Journey from Devices to Circuits" jointly organized by Electronics and ICT Academies held from 01 - 12 March 2021 under the "Scheme of financial assistance for setting up of Electronics and ICT Academies" of the Ministry of Electronics and Information Technology (MeitY), Government of India.
9. **Mr.P.Devi Pradeep, Asst.Prof., ECE has attended Faculty development programme on "FPGA based digital system design with HDL( Phase IV)"** organized by Veltech Multitech, Dr. Rangarajan and Dr.sakunthala Engineering College, Chennai during 03-05-2021 to 08-05-2021.
10. Ms.V.Shireesha, Assistant Professor ECE has participated has attended one day online national research program on **"Research Design and Research Proposal Writing"** organized by Matterhere on 24.05.2021.
11. Mrs.P.S.Mayura Veena, Asst. Professor, ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on **"Leadership and Excellence"** at Nitte Meenakshi Institute of Technology from 2021-07-13 to 2021-07-17.
12. Mr.D.Anil Prasad DADI, Asst. Professor, ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on **"Hands-on approach for the Design and Implementation of Lab-on-Bread Board- A Blended learning"** at The National Institute of Engineering Mysore from 2021-7-21 to 2021-7-25.
13. Mr.N.Srinivasanaidu, Asst. Professor, ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on **"Internet of Things an Emerging Technology in Electronics Industry"** at Institute of Engineering and Technology, Devi Ahilya University, Indore from 2021-07-19 to 2021-07-23.
14. Ms.P.Devi., Asst.Prof., ECE has participated in one week FDP on **"Augment Reality & Virtual Reality"** organized by Department of Electronics and Telecommunication Engineering in association with Buds Engineering academy Pune, under IEEE Student Branch, Institution of Engineers(india), Kolkata and ISTE, New Delhi from 21<sup>st</sup> -25<sup>th</sup> June 2021.
15. Mrs.P.S.Mayura Veena, Asst. Professor, ECE has successfully completed One Week Instructor Led Live Online Training on **"Deep Learning Using Medical Data"** organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd.) during 12<sup>th</sup> – 16<sup>th</sup> July 2021.
16. Ms.P.Devi., Asst.Prof., ECE has participated in Five day online FDP on **"Recent Trends in Big Data, Data Science and its Applications (RBDA-2021)"** organized by Department of Computer Science & engineering, GMR Institute of Technology, Rajam during 5<sup>th</sup> -9<sup>th</sup> June 2021.

17. Mrs.P.S.Mayura veena , Asst.Prof, Department of ECE has participated in the Five Days e-Workshop on “**LaTeX**” organized by the Department of Mathematics, School of Science, GITAM, Bengaluru, India, held from 5th to 9th July 2021.
18. Mrs.P.S.Mayura veena , Asst.Prof, Department of ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Onlin Elementary FDP on "**Deep Learning for Audio and Speech Processing**" at KLE Technological University from 2021-7-26 to 2021-7-30.
19. Dr.J.Bhaskara Rao, Asst.Prof, Department of ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Outcome Based Education**" at Engineering College Bikaner from 2021-07-26 to 2021-07-30.
20. Mr.N.Srinivasanaidu, Asst. Professor, ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Machine Learning Techniques In VLSI Design**" at MS Ramaiah Institute Of Technology from 2021-07-26 to 2021-07-30.
21. Dr.A.Lakshmi Narayana, Asst. Professor, ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Signal Processing for 5G - Algorithms and Implementation**" at Indian Institute of Technology, Goa from 09/08/2021 to 13/08/2021.
22. Mr.N.Ramkumar, Assistant Professor ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Data Science & Machine Learning with Python**" at MANIPAL UNIVERSITY JAIPUR from 2021-7-5 to 2021-7-9.
23. Mr.Bibekananda Jena, Assistant Professor ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Medical Image Processing and 3D Applications**" at University College of Engineering from 2021-07-05 to 2021-07-09.
24. Ms.PSM.Veena, Assistant Professor ECE has participated in the Online Training Programme on “**MATLAB Programming for Simulation and Design**” Conducted by National Institute of Technical Teachers Training and Research, Chennai from 09.08.2021 to 13.08.2021 (One Week).
25. Ms.G.Gayatri, Assistant Professor ECE has participated in the Online Training Programme on “**MATLAB Programming for Simulation and Design**” Conducted by National Institute of Technical Teachers Training and Research, Chennai from 09.08.2021 to 13.08.2021 (One Week).
26. Ms.D.Nagamani, Assistant Professor ECE has participated in the Online Training Programme on “**MATLAB Programming for Simulation and Design**” Conducted by National Institute of Technical Teachers Training and Research, Chennai from 09.08.2021 to 13.08.2021 (One Week).
27. Ms.V.Shireesha, Assistant Professor ECE has participated in the Online Training Programme on “**MATLAB Programming for Simulation and Design**” Conducted by National Institute of Technical Teachers Training and Research, Chennai from 09.08.2021 to 13.08.2021 (One Week).
28. Ms.K.Yashoda, Assistant Professor ECE has participated in the Online Training Programme on “**MATLAB Programming for Simulation and Design**” Conducted by National Institute of Technical Teachers Training and Research, Chennai from 09.08.2021 to 13.08.2021 (One Week).
29. Ms.Ch.Anoosha, Assistant Professor ECE has participated in the Online Training Programme on “**MATLAB Programming for Simulation and Design**” Conducted by National Institute of Technical Teachers Training and Research, Chennai from 09.08.2021 to 13.08.2021 (One Week).
30. Ms.M.Nirmala, Assistant Professor ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Antenna: Design, Fabrication and Measurement**" at G B Pant Institute of Engineering and Technology from 2021-8-2 to 2021-8-6.

31. Ms.P.Chaya, Assistant Professor ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Antenna: Design, Fabrication and Measurement**" at G B Pant Institute of Engineering and Technology from 2021-8-2 to 2021-8-6.
32. Ms.B.Deepa, Assistant Professor ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Antenna: Design, Fabrication and Measurement**" at G B Pant Institute of Engineering and Technology from 2021-8-2 to 2021-8-6.
33. Mr.P.Devi Pradeep, Asst.Prof., ECE has attended Faculty development programme on "Research funding projects and IPR (Part II)" organized by KC college of engg and management studies & research ,Thane during 07-06-2021 to 09-06-21.
34. Mr.P.Devi Pradeep, Asst.Prof., ECE has attended Faculty development programme on "Outcome Based Education" organized by Kallam Haranadreddy Institute of Technology, AP, during 21-06-2021 to 25-06-2021.
35. Mr.P.Devi Pradeep, Asst.Prof., ECE has attended Faculty development programme on "**FPGA based digital system design with HDL( Phase V)**" organized by Veltech Multitech, Dr. Rangarajan and Dr.sakunthala Engineering College, Chennai during 28-06-2021 to 03-07-2021.
36. **Mr.P.Devi Pradeep**, Asst. Professor, ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**VLSI Design ,Verification and Testing**" at GEC,Rajkot from 07-06-2021 to 11-06-2021.
37. **Mr.P.Devi Pradeep**, Asst. Professor, ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Machine Learning Applications in Micro- Nano VLSI Technologies**" at BVRIT Hyderabad from 21-06-2021 to 25-06-2021.
38. **Mr.P.Devi Pradeep**, Asst. Professor, ECE has attended webinar on "**Research management**" organized by NSRIT,Visakhapatnam on 05-06-2021.
39. **Mr.P.Devi Pradeep**, Asst. Professor, ECE has attended webinar on "**Embedded system design flow on Zync using Xilinx vivado and vitis**" organized by Coreel technologies, Bengaluru on 10-06-2021.
40. Ms.K.Yashoda, Assistant Professor ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Deep Learning**" at Atal Bihari Vajpayee Indian Institute of Information Technology and Management Gwalior from 05/07/2021 to 09/07/2021.
41. Ms.P.Chaya Devi, Assistant Professor ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Modern Antenna Technologies for Futuristic Wireless Communication Systems**" at Guru Jambheshwar University of Science and Technology, Hisar, Haryana from 20/08/2021 to 24/08/2021.
42. Ms.M.Nirmala, Assistant Professor ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Modern Antenna Technologies for Futuristic Wireless Communication Systems**" at Guru Jambheshwar University of Science and Technology, Hisar, Haryana from 20/08/2021 to 24/08/2021.
43. Ms.G.Gayatri, Asst.Prof., ECE has successfully participated in the "**International Workshop on Signal Processing using Machine Learning: Applications & Hands-on (Online)**", organized by the School of Electronics Engineering (SENSE), VIT-AP University, Amaravati (AP), India in association with Centre for Teaching and Learning (CTL) VIT-AP during 28th August to 1st September, 2021.

44. Ms.PSM.Veena, Asst.Prof., ECE has successfully participated in the “**International Workshop on Signal Processing using Machine Learning: Applications & Hands-on (Online)**”, organized by the School of Electronics Engineering (SENSE), VIT-AP University, Amaravati (AP), India in association with Centre for Teaching and Learning (CTL) VIT-AP during 28th August to 1st September, 2021.
45. Mr.VVK.Raju, Assistant Professor ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Internet of Things**" at Rajagopal Polytechnic College from 23/08/2021 to 27/08/2021.
46. Ms.Ch.Anoosha, Assistant Professor ECE has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "RECENT ADVANCES IN SIGNAL PROCESSING" at Jawaharlal Nehru Technological University Kakinada from 2021-08-02 to 2021-08-06.

### FACULTY STUDENT JOINT PAPER PUBLICATIONS

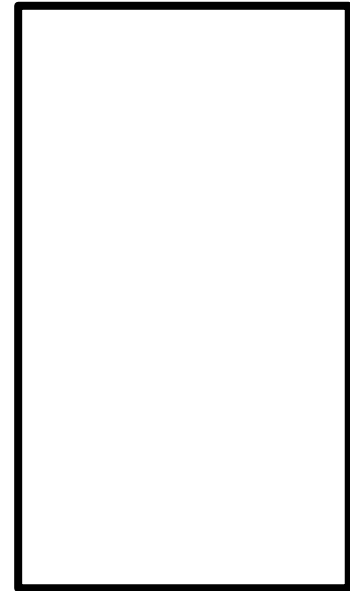
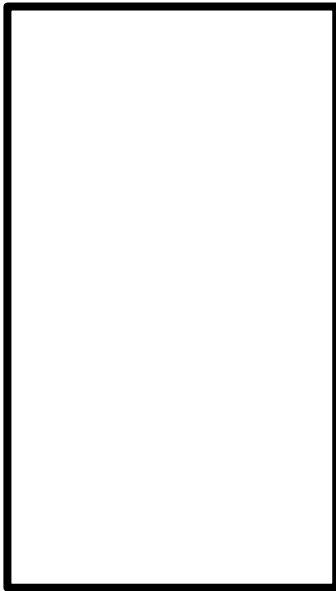
#### JOURNALS:

1. G Manmadha Rao, Gade Chaitanya Prasad, K. Pavani, S Lakshaman Rao, B Prasanna Kumar, published a paper titled “**Estimation of Glucose Levels in Blood Sample using A Biosensor**” International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-10 Issue-7, PP:127-130, May 2021(SCOPUS).
2. G.Manmadha Rao, D.N Raidu Babu, P.S.L Krishna Kanth, B.Vinay, V.Nikhil, published a paper titled “**Reduction of Impulsive Noise from Speech and Audio Signals by using Sd-Rom Algorithm**” International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-10 Issue-1, PP:265-268, May 2021(SCOPUS).
3. Mrs.P.S.M.Veena, Asst.Prof.,ECE, Ms.S.Divya, Mr.S.Mani Swaroop, Mr.Ruqaiyya and Ms.G.Sravya IV/IV ECE have published a paper titled “**Detecting stage of lung cancer based on tumor size - By using segmentation and feature extraction in medical image processing**” in an International Journal of Creative Research Thoughts (IJCRT) ISSN: 2320-2882 , Volume-6 Issue-5, PP:468-475, May 2021 (UGC).
4. Mrs.G.Gayatri, Asst.Prof.,ECE, Mr.P.Mahendra, Mr.S.V.V.Sai Pradeep, Mr.P.Achyuth and Mr.V.Rohit IV/IV ECE have published a paper titled “**Implementation of Iris Scanning –By Colour Detection and Scale Invariant Feature Transform(SIFT)**” in an International Journal of Creative Research Thoughts (IJCRT) ISSN: 2320-2882, Volume-6 Issue-6, PP:752-757, June 2021 (UGC).
5. Ms.Ch.Padmasree, Asst.Prof., ECE, Mr.Sk Mahaboob Subhani, Mr.Md Taj Nawaz, Mr.K Chandra Sumanth, Mr. Potnuru Pramod IV/IV ECE have published a paper titled “**Implementation of Automated Attendance System using Deep Learning and CNN**” in International Journal of Xidian University, VOLUME-15, ISSUE-6, June 2021. <https://doi.org/10.37896/jxu15.6/023>.
6. Mr.B.Chandra Mouli, Asst.Prof.,ECE, Ms.T.Pooja, Ms.DSL.Harika, Mr.B.Yodanandh and Ms.N.Hemanjali IV/IV ECE have published a paper titled “**FACE MASK DETECTION USING JETSON NANO**” in an International Research Journal of Modernization in Engineering Technology and Science, (IRJMETS) ISSN: 2582-5208, Volume-3 Issue-9, PP:702-706, September 2021.

#### CONFERENCES:

1. Mr.G.V.Ravi Teja, Asst.Prof., ECE and Mr.K.Siva Rama Praveen IV/IV ECE presented a research paper titled **“Bio-Inspired Korean Striped Maple Leaf (Acer Tegmentosum) Microstrip Monopole Design Targeting UWB Applications”** in IEEE sponsored International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2021) held at the Department of Electrical and Electronics Engineering, Shri Shankaracharya Group of Institutions, SSTC, Bhilai, Chhattisgarh, India during 19<sup>th</sup>–20<sup>th</sup>,February 2021.[IEEE].
2. Mr.G.V.Ravi Teja, Asst.Prof.,ECE, P.Pavan Kumar, Mr.G.Ramesh, Mr.B.G.Prasad, Mr.R.Viny Sai, presented a paper titled **“Wearable Dual-port MIMO antenna for On-body applications”** in the 2021 IEEE Sponsored International Conference on Emerging Trends in Industry 4.0 (ETI 4.0) held at OP Jindal University, Raigarh, Chhattisgarh, India during 19 - 21, May 2021. IEEE Digital Library.
3. Mr.G.V.Ravi Teja, Asst.Prof.,ECE, Mr.K.S.Rama Praveen, Ms.K.Anisha Keerthi, Mr.R.Abhishek, Mr.R.Sarvari, presented a paper titled **“A CPW Feed Orthogonal Wideband Quad-Port Conformal MIMO Antenna for Satellite Applications”** in the 2021 IEEE Sponsored International Conference on Emerging Trends in Industry 4.0 (ETI 4.0) held at OP Jindal University, Raigarh, Chhattisgarh, India during 19 - 21, May 2021. IEEE Digital Library.
4. Mr.R.Chandra Sekhar, Asst.Prof., ECE, Ms.R.Navya, Ms.P.Kusuma Kumari, Mr.K.Kausal and Ms.V.Bharathi IV/IV ECE has presented a paper titled **“Performance Evaluation Of MIMO-NOMA For The Next Generation Wireless Communications”** in 3rd IEEE International Conference on Signal Processing and Communication - ICSPC'21 hosted by the Department of Electronics and Communication Engineering. Karunya Institute of Technology and Sciences in Coimbatore, Tamil Nadu, India during 13th and 14th May 2021.
5. Dr.S.Srinivas, Associate, Professor, ECE, Mr.B.Sai Akhilesh, Mr.G.Manoj, Mr.P.Uma Prakash and Mr.Y.Arjuna Rao IV/IV ECE has participated and presented paper titled **“Remote Monitoring of Food Spoilage using Smart Technology”** In the Mega Online International Conference on “Smart Modernistic in Electronics and Communication” (ICSMEC-2021) Organized by Department of Electronics and Communication Engineering, St. Martin’s Engineering College, Dhulapally, Secunderabad, T.S, India On 2nd & 3rd July 2021.
6. Ms.Nirmala, Asst.Prof.,ECE, Ms.D.Venusree, Mr.B.Aakash, Ms.B.Meghana and Mr.V.S.Manidhar IV/IV ECE has participated and presented paper titled **“A Decoupled Dual Element Reconfigurable MIMO Antenna with Improved Isolation for Wireless Applications”** in 12th International Conference on Computing Communication and Networking Technologies (ICCCNT-2021) organized by Indian Institute of Technology, Kharagpur from 6<sup>th</sup> -8<sup>th</sup>July2021.

## CLUB ACTIVITIES



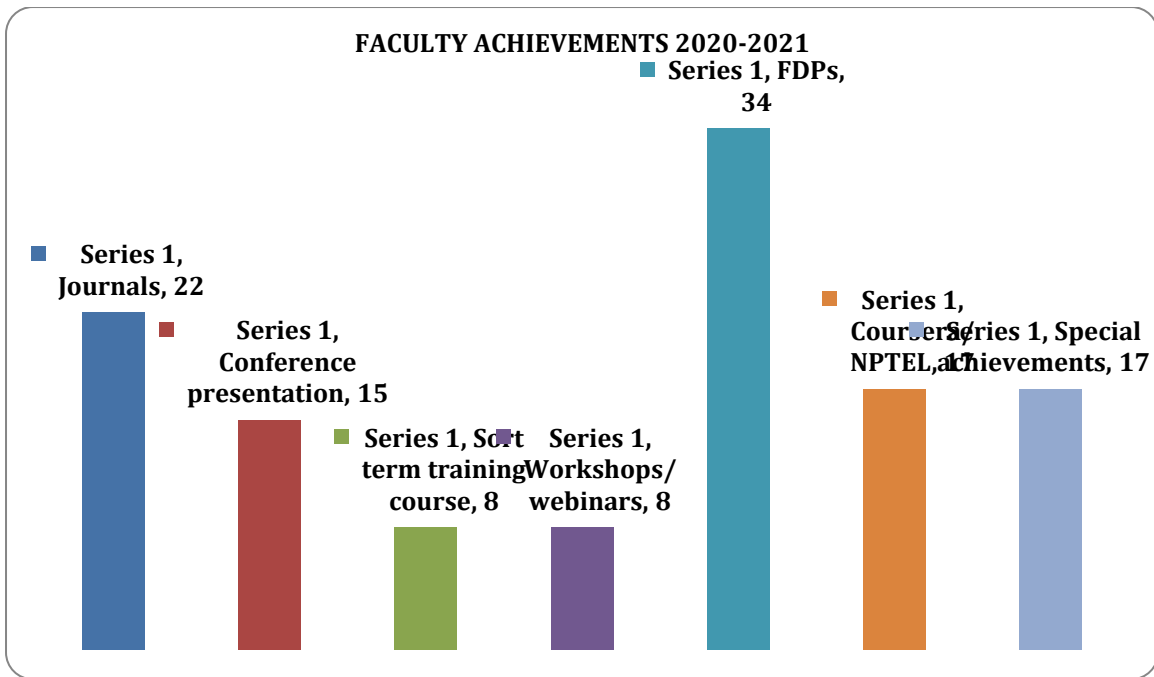
## YOGA EVENT

The ANITS IETESF of Dept. of ECE has conducted Online “YOGA Event” on 21st June 2021 on the eve of “International YOGA Day” for all the students and faculty in association with “Art of Living” organization for the benefit of its students and faculty. The Event was organized in online platform “Zoom” Due to COVID-19 situations. Mr Siddarth Raja gopal , Product Customer Success Manager, APAC , Coursera and Ms Soumya , HRConsultant , Armour has been invited from “Art of Living “Organization to demonstrate yoga asanas to the participants. concluding the session with Dhyana(Meditation).There are many benefits of meditation such as Stress reduction, Controls anxiety, Promotes emotional health, self-awareness, Lengthens attention span, helps fight addictions. Dr. V. Rajya lakshmi, HOD, Dept. of ECE & Mr. B. Chandra Mouli, Assistant Professor, Dept. of ECE Coordinated this event. Total 85 participants including student and faculty members attended this event.

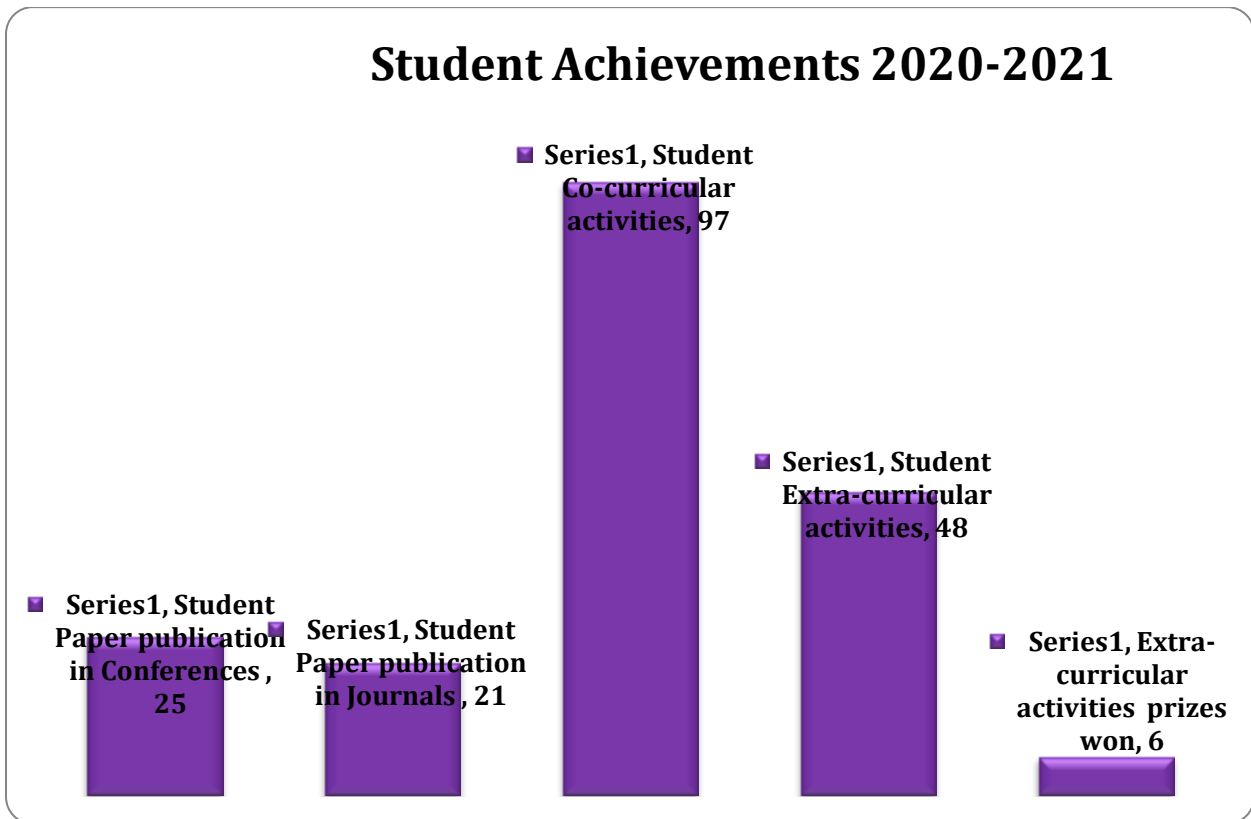


## NSS SWATCH ANITS

NSS Unit of ANITS conducted “SWATCH ANITS” program in and around the campus on 20<sup>th</sup> February 2021 from 02:00 PM to 03:30 PM. In view of this students from I/IV ECE from all sections, HOD, Teaching & Non Teaching staff along with NSS volunteers participated in the event and made it a grand success.

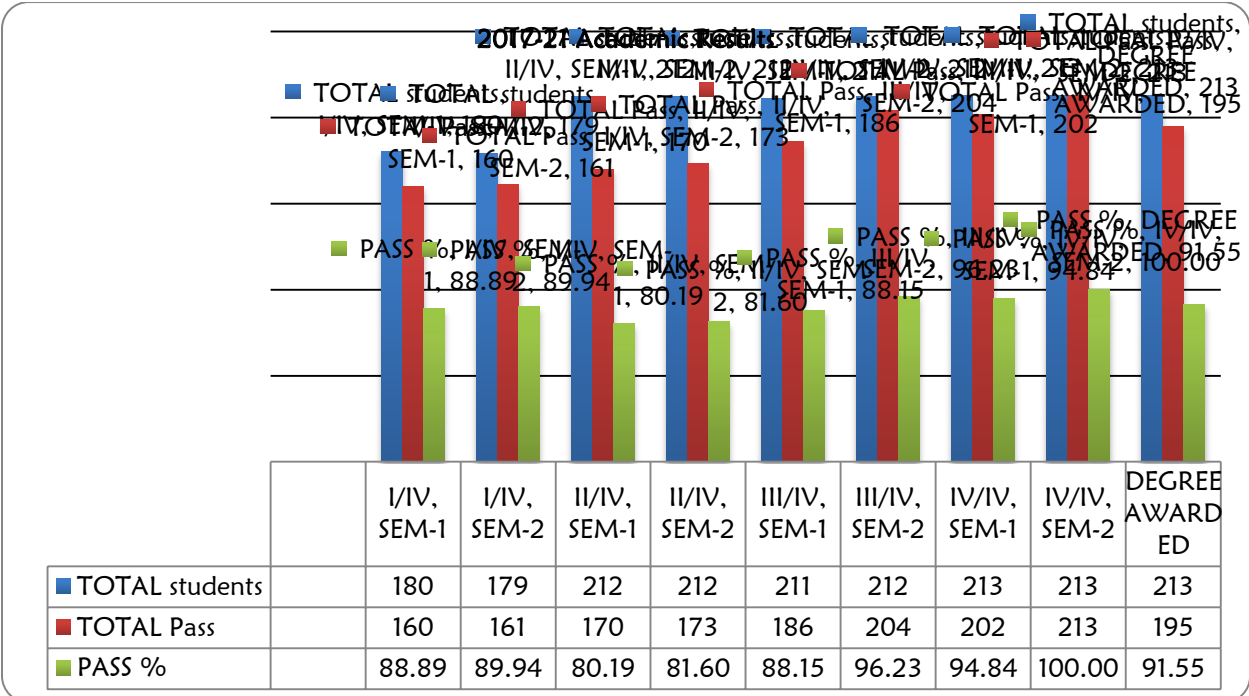


**FACULTY ACHIEVEMENTS 2020-21**

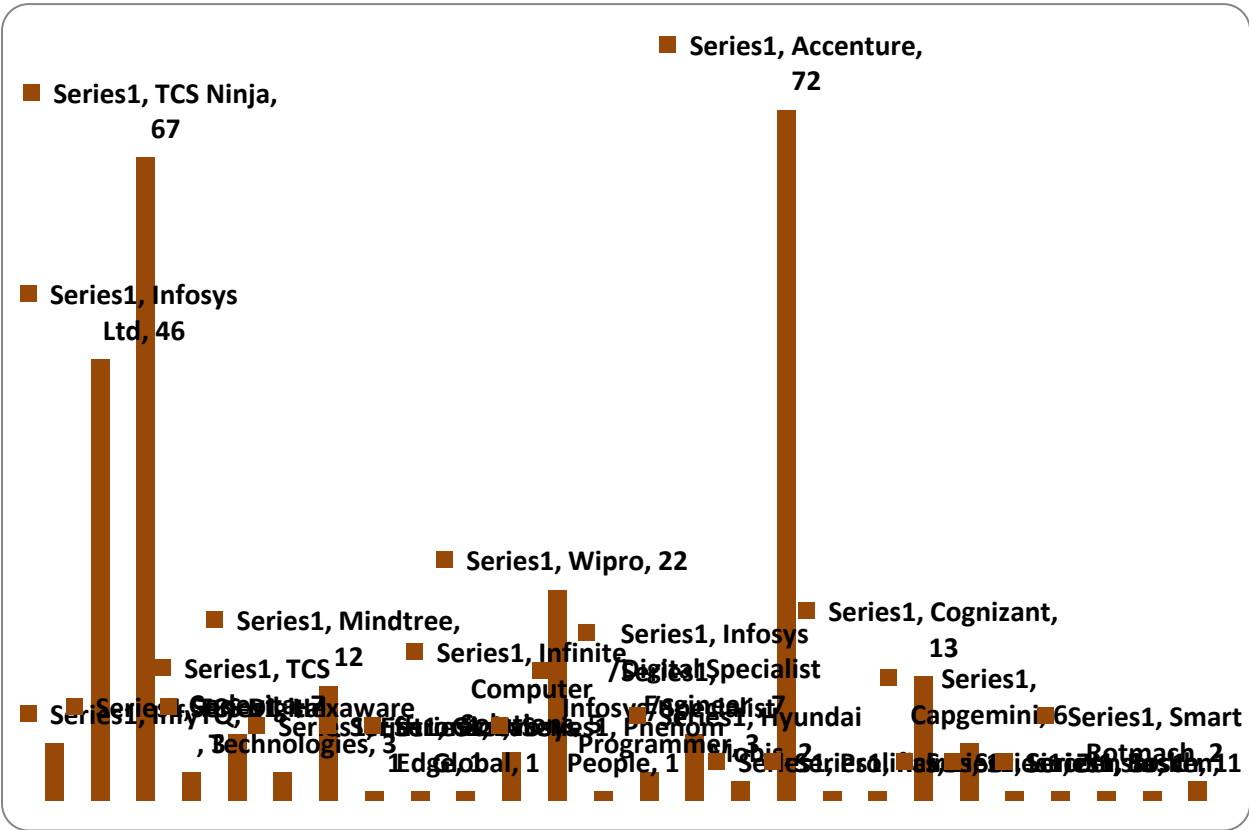


**STUDENT ACHIEVEMENTS 2020-21**

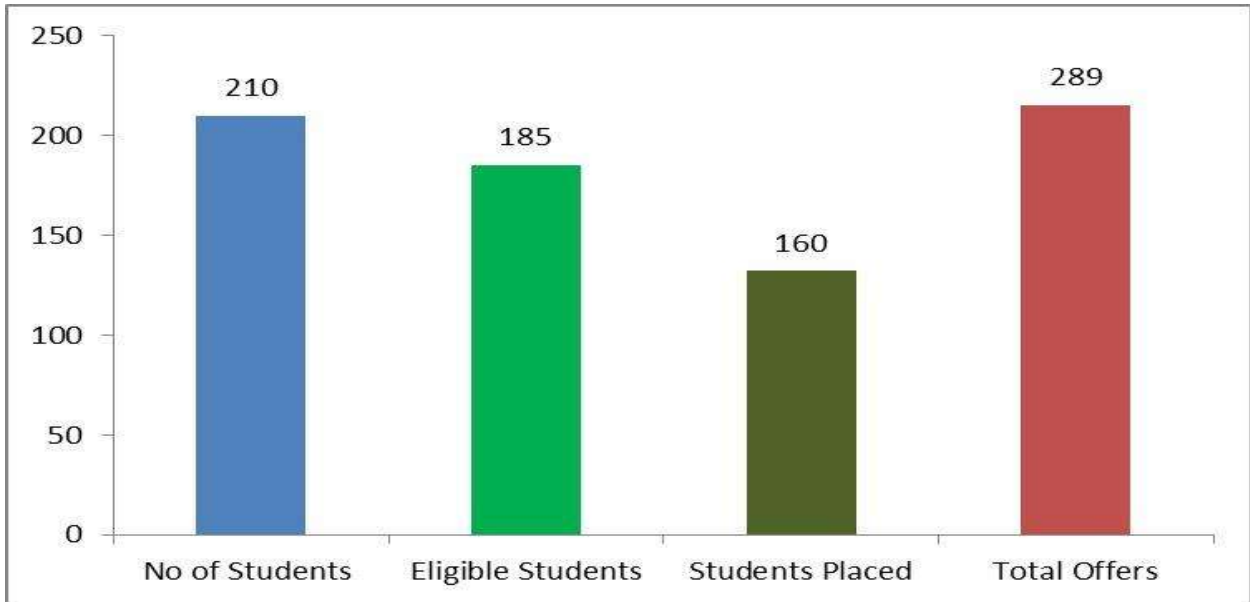




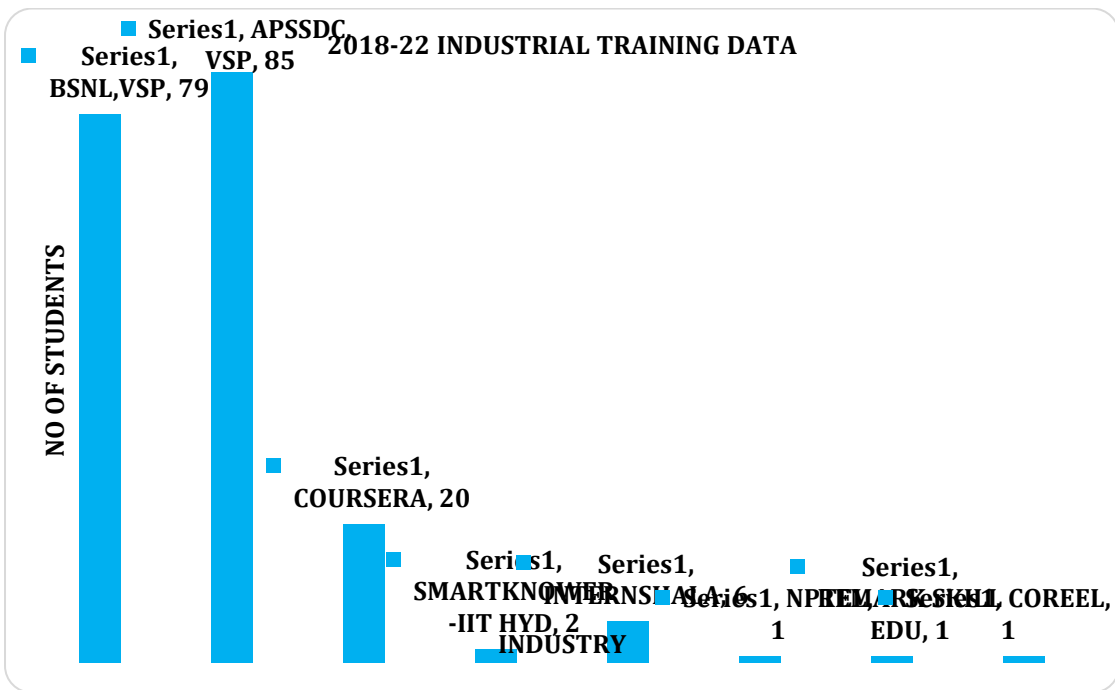
**2017-2021 BATCH OVERALL RESULTS**



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



**STUDENTS DATA 2019-20**



**2020-21 ACADEMIC YEAR 2018-22 BATCH INDUSTRIAL TRAINING**



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



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



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