

# Newsletter

We Communicate Our Vision!

## SIGNALS



### HALF - YEARLY NEWS LETTER

**VOLUME: 19**

**JULY: 2021**

Newsletter

Electronics & Communication  
Engineering



**PRASAD V POTLURI  
SIDDHARTHA  
INSTITUTE OF TECHNOLOGY**

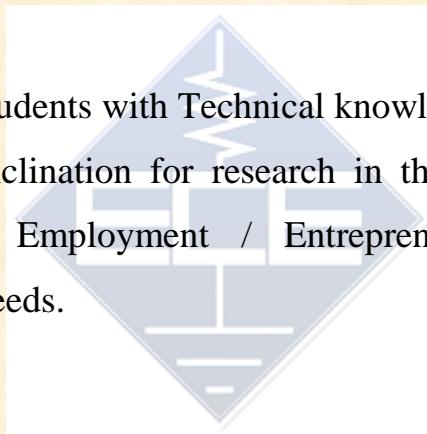
# **Prasad V. Potluri Siddhartha Institute of Technology**

## **Vision**

To provide rich ambience for Academic and Professional Excellence, Research, Employability skills, Entrepreneurship and Social responsibility.

## **Mission**

To empower the students with Technical knowledge, Awareness of up-to-date technical trends, Inclination for research in the areas of human needs, Capacity building for Employment / Entrepreneurship, Application of technology for societal needs.





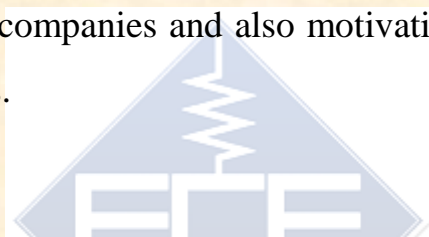
## Department of Electronics and Communication Engineering

### Vision

To evolve as a center of excellence by adopting innovative methods for teaching, learning and research in the diversified fields of Electronics and Communications.

### Mission

To empower the students with technical knowledge in Electronics and Communications for pursuing higher education, for becoming entrepreneur / employees of prominent companies and also motivating them towards research to meet the societal needs.



### Program Educational Objectives

<b>PEO-I</b>	Capable of applying the knowledge of basic sciences and engineering to understand the new concepts of Electronics and Communication Engineering
<b>PEO-II</b>	Able to demonstrate technical competence for the design and development of innovative electronic and communication systems.
<b>PEO-III</b>	Able to work in a team for the fulfillment of leadership role in a company/organization
<b>PEO-IV</b>	Able to demonstrate passion for life-long learning through interdisciplinary research works or projects to cater societal needs.

## Program Objectives

<b>PO-1</b>	<b>Engineering knowledge:</b> Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
<b>PO-2</b>	<b>Problem analysis:</b> Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
<b>PO-3</b>	<b>Design/development of solutions:</b> Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
<b>PO-4</b>	<b>Conduct investigations of complex problems:</b> Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
<b>PO-5</b>	<b>Modern tool usage:</b> Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
<b>PO-6</b>	<b>The engineer and society:</b> Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
<b>PO-7</b>	<b>Environment and sustainability:</b> Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
<b>PO-8</b>	<b>Ethics:</b> Apply ethical principles and commit to professional ethics and

	responsibilities and norms of the engineering practice.
<b>PO-9</b>	<b>Individual and team work:</b> Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
<b>PO-10</b>	<b>Communication:</b> Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
<b>PO-11</b>	<b>Project management and finance:</b> Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
<b>PO-12</b>	<b>Life-long learning:</b> Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

#### Program Specific Outcomes

<b>PSO-1</b>	Demonstrate competency in analysis, design and simulation of complex electronic and communication systems.
<b>PSO-2</b>	Develop smart systems to meet the societal needs.

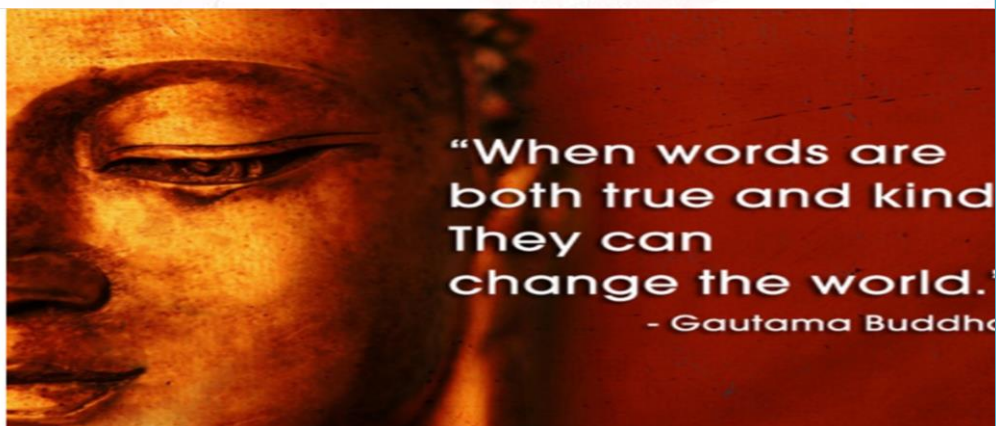


## EDITORIAL BOARD

1. Dr C.Subba Rao  
Professor & Head
2. Dr. K. Ramanjaneyulu  
Professor
3. Mrs. K.Anitha  
Associate Professor
4. Mrs. D.Hareesha,  
Assistant Professor
5. Mrs. V.S.D.Rekha,  
Assistant Professor
6. Mr. Abdul Parvez  
(19501A0401) III B.Tech
7. Ms. M.Taruni  
(19501A04B5) III B.Tech
8. Ms. D.Jahnavi  
(20501A0428) II B.Tech
9. Mr. R.Santosh Kumar  
(20501A0495) II B.Tech

### Inside:

- ✓ Workshops/Seminars/Guest Lectures/ Training Programs/Symposiums/Quiz organized
- ✓ Papers presented in Seminars/ Conferences/Symposiums by the faculty
- ✓ Workshops/Seminars/STTP/Conference/Faculty Development Programs attended by the faculty
- ✓ Publications by the faculty
- ✓ Faculty Achievements
- ✓ Students achievements
- ✓ Higher Education
- ✓ MOUs Signed
- ✓ Students Contribution



## 1. Workshops/Seminars/Guest Lectures/Training Programs/Symposiums/ Webinars organized

The department of Electronics and Communications Engineering organized ---

- i. A webinar on **Intellectual Property Rights (IPR) objectives and solutions** was conducted through Research and Development cell - PVPSIT in association with Derwent World Patent Index (DWPI) on 23<sup>rd</sup> July'2021.

Resource Persons: 1.S. Vasanth, Technical Executive, Derwent Innovation

2.Abhijeet Patil, Technical Executive, Derwent Innovation

- ii. A three day FDP on **Essentials of 5G Communications** during 26<sup>th</sup> – 28<sup>th</sup> August, 2021.

Resource Persons:

Mrs. C. B. Moganavalli Technical Director, Optithought, Chennai

Dr K. N. Raja Rao, Professor & Director, School of Engineering, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore



- iii. A Training program on **Electronics for Mechanical Engineers – An Automotive Interiors Perspective, Phase-I** by our faculty to **Group Auntolin people** on 4<sup>th</sup>, 5<sup>th</sup>, 8<sup>th</sup>, 11<sup>th</sup>&12<sup>th</sup> September, 2021.

Resource Persons: Dr. P. Rajesh Kumar, Professor & HOD

Dr. C. SubbaRao, Professor

Dr. A. Geetha Devi, Associate Professor

Mr. B. Surya Prasada Rao, Associate Professor  
Mrs. K. Anitha, Associate Professor  
Dr. Haji. MD. Habibulla, Sr. Assistant Professor  
Ms T. Sushma, Assistant Professor  
Mrs. V. Ratna Kumari, Assistant Professor  
Dr. P. Venu Madhav, Assistant Professor  
Mrs. T. Maha Lakshmi, Assistant Professor  
Mrs. B. Swathi Lakshmi, Assistant Professor



- iv. Alumni Guest Lecture on Core Industry Requirements **Recent Trends in Higher Education and Opportunities** for III ECE students on 27<sup>th</sup> September, 2021.

Resource Person: Mr.V.Sarth, Senior Software Engineer, BSP, Qualcomm, Bangalore.

Alumni Speaks  
on  
**Core Industry Requirements**

Speaker:  
**V. Sarath**  
Senior software engineer, BSP, Qualcomm, Bangalore  
PVPSIT Alumni(ECE 2011-2015 Batch)

2021  
SEPTEMBER  
**27**

Join us through Google Meet  
11.00 A.M - 12.00 P.M  
For III year ECE students

Co-ordinator  
Mrs.V.Ratna Kumari, Asst. Prof.

Convener  
Dr. P. Rajesh Kumar, Prof. & Head

Department of ECE  
P V P Siddhartha Institute of Technology



- iv. Technical events under ISTE i) Technical quiz and ii) Innovative Ideas presentation on 11<sup>th</sup> & 12<sup>th</sup> of October 2021.

a. In **Technical Quiz** contest 72 students participated. This event was organized separately for III & IV year students. This event is organized through Google Meet & KAHOOH.

**Event Co-ordinator : Mrs.L.MadhaviDevi**, Assistant Professor, Dept. of .ECE

**Judge: Mr.M.Srinivasa Rao**, Associate Professor, Dept. of ECE

b. In **Innovative Idea** contest 7 papers presented. This event is organized through Google Meet.

**Event Co-ordinator: Dr.Md.Habibulla**, Sr. Assistant Professor, Dept. of .ECE

**Judge: Dr.C.Subbarao**, Professor, Dept. of ECE

- v. A Training program on **Electronics for Mechanical Engineers – An Automotive Interiors Perspective, Phase-II** by our faculty to **Group Auntolin people** during 20<sup>th</sup> - 26<sup>th</sup> November, 2021.

Resource Persons:

Dr. C. SubbaRao, Professor

Dr. A. Geetha Devi, Associate Professor

Mr. B. Surya Prasada Rao, Associate Professor

Mrs. K. Anitha. Associate Professor.

Dr. Haji. MD. Habibulla, Sr. Assistant Professor

Ms T. Sushma, Assistant Professor

Mrs. V. Ratna Kumari, Assistant Professor

Mrs.D.Hareesha, Assistant Professor

Mrs. T. Maha Lakshmi, Assistant Professor

Mrs. B. Swathi Lakshmi, Assistant Professor



- v. A 3-day training program on **Internet of Things** for III B.Tech. ECE students in association with APSSDC during 29<sup>th</sup> November – 01<sup>st</sup> December' 2021 for Sec-1 & 13<sup>th</sup> – 15<sup>th</sup> December' 2021 for Sec-2.

Resource Person: 1. Mamidi Jyoshitha, APSSDC

2. M. Prapul Kumar, APSSDC

- vi. A talk on the occasion of IETE FOUNDATION DAY on the Theme – **Getting Prepared for the Job Market** for II & III ECE Students in collaboration with IETE Vijayawada Centre on 30<sup>th</sup> November 2021.

Resource Person: Mr. Purna Chandra Rao, Senior Technical Associate, Global Trainer AT&T.

- vii. An expert talk on **Image Processing And Its Applications** on 8<sup>th</sup> December, 2021.

Resource Persons: Dr. K. Srinivasa Rao, Professor, Dept. of CSE, IIT Kharagpur.

- viii. A Two day workshop on **Application specific Integrated Circuit Design using mentor graphics tools** for II & III ECE Students on 14<sup>th</sup> & 15<sup>th</sup> December, 2021.

Resource Person: Vinnalan K A, Application Engineer,  
Core EL Technologies, Bangalore

- ix. An Expert Talk on **Applications of Signals & Systems** for II ECE students on 15<sup>th</sup> December, 2021.

Resource Person: Dr. Ch. Rama Rao, Asst. Prof. NIT, Meghalaya

- vi. **Mini Project Model Expo & Poster presentation** for IV B.Tech. ECE Students under IETE Student Forum on 30<sup>th</sup> December, 2021.

Co coordinators: Dr.P.Venu Madhav, Assistant Professor

Ms.T.Sushma, Assistant Professor

Judge: Dr. R. Marriapan, Professor, Dept. of ECE, VRSEC



- x. A Guest Lecture on **Recent Trends in Higher Education and Opportunities** for II ECE students on 23<sup>rd</sup> December, 2021.

Resource Person: Dr. M. Venkata Rao, Prof., Dept. of Electrical & Computer Engineering, George Mason University, USA.

### Online Quiz Conducted:

- i. Online quiz examinations were conducted for all the courses being offered for II, III, and IV B.Tech of students of ECE in the current semester Kahoot platform.

## 2. Papers presented in Seminars/Conferences/Symposiums by the faculty:

- i. **Dr. K. Ramanjaneyulu**, presented a paper entitled **Performance improvement of Breast Cancer Classification using Association rule and Synthetic Minority Oversampling Technique**–2nd International Conference (Virtual Conference) on Emerging Trends in Science, Engineering and Management (ICETSEM-2021); Vol:3; Issue:3; Pg No:3; organized by GM Institute of Technology (GMIT) Davangere, Karnataka in association with Institute For Engineering Research and Publication (IFERP) on 15<sup>th</sup> & 16<sup>th</sup> July-2021.



- ii. **Dr. Haritha Thotakura**, presented a paper entitled – **Medicine Assistant and Diet Remainder for Secure Healthcare** - 6<sup>th</sup> IEEE International Conference on Recent trends on Electronics, Information, Communication & Technology, Organized by Dept. of ECE, SVCE, Bengaluru on 27<sup>th</sup> & 28<sup>th</sup> August-2021.
- iii. **Mr.B. Surya Prasada Rao** presented a paper entitled **Effective Cleaning System management using JSP and Servlet Technology**–6<sup>th</sup>International Conference on Communication and Electronics Systems (ICCES-2021), Vol.1; Issue:1; Pg No:1491-1497; Organized by PPG Institute of Technology, Coimbatore from 8<sup>th</sup> to 10<sup>th</sup> July-2021.
- iv. **Mr.T.Mahalakshmi** presented a paper entitled **Performance Analysis of DSR and Cache Customized DSR Steering Protocols in Wireless Mobile Adhoc Networks**–I-SMAC, Pg No:1355-1363, Organized by SCAD Institute of Technology Palladam from 11<sup>th</sup> to 13<sup>th</sup> November-2021.
- v. **Mrs.Komma Anitha** presented a paper entitled **FPGA Implementation of Arbiter PUFs for ideal Cryptographic Key Generation** – 5<sup>th</sup> International Conference on Electronics, Communication and Aero Space Technology (ICECA), Pg No: 754-757, Organized by IEEE, Coimbatore from 2<sup>nd</sup> - 4<sup>th</sup> December-2021.

### 3. Workshops/ Seminars/STTP/Conferences/Faculty Development Programmes/ Awareness programmes attended by the faculty:

#### a) Seminars/Webinars:

- i. **Dr. K. Ramanjaneyulu, Mr. B. Surya Prasada Rao, Ms T. Sushma, Mrs. Sri Lakshmi Chandana** participated in a webinar on **New Age Digital Learning Techniques** conducted by P N Panicker Foundation, on 3<sup>rd</sup> July'2021.
- ii. **Mrs. V. S.D.Rekha** participated in a webinar on **Advancements in EV technology and Path Forward** conducted by Hindustan Institute of Technology and Science (deemed to be University) on 13<sup>th</sup> July'2021.

- iii. **Mrs.K.Anitha** participated in a webinar on **Balanced Diet: The key to Master Your Metabolism** conducted by PVPSIT, on 12<sup>th</sup> August'2021.
- iv. **Mrs. V. S.D.Rekha** participated in a webinar on **Protecting Innovation through Intellectual Property Rights with focus on Copyright, Patent and Trademark** conducted by Satyabhama Institute of Science and Technology (deemed to be University) on 4<sup>th</sup> September'2021.
- v. **Dr. K. Ramanjaneyulu** participated in a webinar on **Modern Radar Systems and their Applications** conducted by Gayatri Vidya Parishad College of Engineering For Women, Madhurawada, Visakhapatnam on 18<sup>th</sup> September'2021.
- vi. **Dr.Haji Habibulla MD** participated in a webinar on **Research Metrics and Software Tools** conducted by Research and Development Cell, LBRCE, on 20<sup>th</sup> September'2021.
- vii. **Dr. J. Ravindra Babu** participated in a webinar on **Research Metrics and Software Tools** conducted by LBRCE, Mylavaram on 20<sup>th</sup> September'2021.
- viii. **Dr. J. Ravindra Babu** participated in a webinar on **Advanced signal processing Techniques for underwater applications** conducted by GITAM University on 30<sup>th</sup> October'2021.
- ix. **Dr.Haji Habibulla MD** participated in a webinar on **Nanotechnology Enabled Memristive Devices and Systems for Neuromorphic Computation and its Associate Applications** conducted by IEEE-Nanotechnology Council (NTC) Student Branch Chapter Indian Institute of Technology, Indore, during 8<sup>th</sup> – 25<sup>th</sup> November'2021.
- x. **Dr.Haji Habibulla MD** participated in a webinar on **Cybersecurity: protecting content in an online world** conducted by ELSEVIER on 15<sup>th</sup> November'2021.
- xi. **Dr.Haji Habibulla MD**, participated in a webinar on **Making Electronics & EV Components Thinner, Stronger & Safer** conducted by EFY Group on 2<sup>nd</sup> December'2021.

- xii. **Dr.Haji Habibulla MD** participated in a webinar on **Knowledge feast 2021 EBSCO Catchup** conducted by IEEE & EBSCO information services on 30<sup>th</sup> December'2021.

**b) Workshops:**

- i. **Dr. K. Ramanjaneyulu** participated in a workshop on **Image Processing Applications using Machine Learning** organized by Vasavi College of Engineering, Hyd during 5<sup>th</sup> -10<sup>th</sup> July' 2021.
- ii. **Mrs. V. S.D.Rekha** participated in a workshop on **Insights of Research in Image and Video Processing** organized by Pimpri Chinchwad College of Engineering, Pune and SIG Coordination Team during 20<sup>th</sup> – 24<sup>th</sup> July' 2021.
- iii. **Dr. A.Geetha Devi** participated in a workshop on **Essentials of OBE** organized by PVPSIT & NITTR Kolkatta during 26<sup>th</sup> – 30<sup>th</sup> July' 2021.
- iv. **Dr.Haji Habibulla MD** participated in a workshop on **Outcome Based Curriculum - Design and Implementation** organized NITTR, Kolkata by during 3<sup>rd</sup> – 13<sup>th</sup> August' 2021.
- v. **Dr. A.Geetha Devi** participated in a workshop on **Problem Solving with PYTHON** organized by PVPSIT & ICT Kolkatta during 9<sup>th</sup> – 13<sup>th</sup> August' 2021.
- vi. **Mrs. V. Ratna Kumari, Mrs. D. Hareesha, Mrs. B. V. Subbayamma** participated in a workshop on AICTE-ISTE sponsored One week Online Induction Programme on **Millimetre Wave Frequencies (Phase-III)** organized by Gudlavalleru Engineering College during 17<sup>th</sup> – 24<sup>th</sup> August' 2021.
- vii. **Dr. J. Ravindra Babu, Mrs. Sri Lakshmi Chandana** participated in a workshop on **IOT** organized by APSSDC & Pantech e Learning during 18<sup>th</sup> September - 18<sup>th</sup> October' 2021.



- viii. **Mrs. D.Praveena Bai, Mrs. T. Maha Lakshmi** participated in a workshop on **Application Specific Integrated Circuit Design (ASIC) Using Mentor Graphics Tools** organized by Department of ECE, PVPSIT during 14<sup>th</sup> – 15<sup>th</sup> December' 2021.

**b) STTP/STCs:**

- i. **Dr. C. Subba Rao, Mrs. K. Aruna Kumari, Mr. T. Balaji, Ms. T. Sushma, Mrs. V. Ratna Kumari Mrs. D.Hareesha, Mrs. B. V. Subbayamma, Mrs. B. Swathi Lakshmi, Mr. K.Phani Rama Krishna, Mrs. L. Madhavi Devi, Mrs. V. S.D.Rekha, Mrs. D.Praveena Bai, Mrs.D.Swathi, Mrs. Sri Lakshmi Chandana, Mrs. T. Maha Lakshmi** participated in Short Term Training Programme through ICT Mode on Outcome Based Curriculum – Design and Implementation organized by National Institute of Technical Teachers Training and Research (NITTTR)-Kolkata during 2<sup>nd</sup> - 13<sup>th</sup> August' 2021.
- ii. **Mrs. D. Hareesha** participated in AICTE sponsored Short Term Training Program on **Trends and Challenges in Medical Image Analysis Through Deep Learning Algorithms Phase-IV** organized by during 2021 participated in Faculty Development Programme on organized by VRSEC during 13<sup>th</sup> – 19<sup>th</sup> September' 2021.

**d) Faculty Development Programmes:**

- i. **Mrs. B. Swathi Lakshmi** participated in AICTE Training and Learning (ATAL) Academy Faculty Development Programme on **Industry 4.0 and Manufacturing: Factory of Future Perspectives** organized by Lukhdhirji Engineering College during 5<sup>th</sup> – 9<sup>th</sup> July' 2021.
- ii. **Mrs. V. S.D.Rekha, Mrs. D.Swathi** participated in AICTE Faculty Development Programme on **Inculcating Universal Human Values in Technical Education** organized by AICTE, NEW Delhi during 5<sup>th</sup> – 9<sup>th</sup> July' 2021.
- iii. **Ms. T. Sushma, Mrs. Sri Lakshmi Chandana** participated in Faculty Development Programme on **AVR Microcontroller Programming** organized by Microchip & Eduskills during 12<sup>th</sup> – 17<sup>th</sup> July' 2021.

- iv. **Mrs. D. Hareesha, Mrs. B. V. Subbayamma** participated in AICTE Training and Learning (ATAL) Academy Faculty Development Programme on **Artificial Intelligence for Computer Vision** organized by Indian Institute of Technology, Roorkee during 12<sup>th</sup> – 16<sup>th</sup> July’ 2021.
- v. **Mr. B.Surya Prasada Rao** participated in Faculty Development Programme on **Digital Tools for Writing, Authoring and Reviewing Manuscripts** jointly organized by Ministry of Electronics and Information Technology (MeitY) Electronics & ICT Academies IIT Guwahati, NIT Patna, MNIT Jaipur, IIT Kanpur, IIITDM Jabalpur & IIT Roorkee during 12<sup>th</sup> - 23<sup>rd</sup> July 2021.
- vi. **Mrs. V. S.D.Rekha** participated in Faculty Development Programme on **Insights of Research in Image and Video Processing** organized by Pimpri Chinchwad College of Engineering, Pune during 20<sup>th</sup> – 24<sup>th</sup> July’ 2021.
- vii. **Dr. K. Ramanjaneyulu, Dr. T. Haritha, Mr. M. Srinivasa Rao, Mr. B. Surya Prasada Rao, Dr. B. Samuyelu** participated in Faculty Development Programme on **Essentials of OBE** organized by NITTTR, Kolkata during 26<sup>th</sup> – 30<sup>th</sup> July’ 2021.
- viii. **Mrs. T. Maha Lakshmi** participated in AICTE Training and Learning (ATAL) Academy Faculty Development Programme on **Framework for Online Assessment** organized by NITTR during 16<sup>th</sup> – 20<sup>th</sup> August’ 2021.
- ix. **Mrs. B. Swathi Lakshmi, Mrs. L. Madhavi Devi, Mr. A. Ashok Babu, Mrs.D.Swathi** participated in AICTE Training and Learning (ATAL) Academy Faculty Development Programme on **Modern Antenna Technologies for Futuristic Wireless Communication Systems** organized by Guru Jambheshwar University of Science and Technology, Hisar, Haryana during 20<sup>th</sup> -24<sup>th</sup> August’ 2021.
- x. **Dr. J. Ravindra Babu, Dr.Haji Habibulla MD** participated in Faculty Development Programme on **Induction Training** organized by NITTTR during 23<sup>rd</sup> August- 3<sup>rd</sup> September’ 2021.

- xi. **Mr. B. Surya Prasada Rao** participated in Faculty Development Programme on **Introduction to Image Processing** organized by NITTTR, Kolkata during 23<sup>rd</sup> – 27<sup>th</sup> August' 2021.
- xii. **Mrs. L. Madhavi Devi** participated in Faculty Development Programme on **Optical Fiber Communication** organized by NITTTR, Chennai during 26<sup>th</sup> – 30<sup>th</sup> August' 2021.
- xiii. **Dr. J. Ravindra Babu, Mr. M. Srinivasa Rao, Mrs. K. Anitha, Dr.Haji Habibulla MD, Mrs. B. V. Subbayamma, Mr. K.Phani Rama Krishna, Mrs. T. Maha Lakshmi** participated in Faculty Development Programme on **Essentials of 5G Communications** organized by Dept. of ECE, PVPSIT during 26<sup>th</sup> -28<sup>th</sup> August' 2021.
- xiv. **Dr. K. Ramanjaneyulu** participated in Ministry of Electronics and Information Technology (MeitY), Govt. of India Faculty Development Programme on **Deep Learning & Applications (Parallel Architectures)** organized by Electronics & ICT Academies IIT Guwahati, IIT Kanpur, IIT Roorkee, MNIT Jaipur, NIT Patna, NIT Warangal and PDPM IITDM Jabalpur during 23<sup>rd</sup> August – 3<sup>rd</sup> September' 2021.
- xv. **Dr. T. Haritha, Mrs.K. Anitha** participated in Faculty Development Programme on **Research Methodology and IPR** organized by organized by IQAC, IIC & Department of Computer Science and Engineering, VRSEC under AICTE Margdarshan during 13<sup>th</sup> – 17<sup>th</sup> September' 2021.
- xvi. **Mr. A. Ashok Babu** participated in AICTE Training and Learning (ATAL) Academy Faculty Development Programme on **Devices for Modern Wireless Communication System** organized by School of Studies in Engineering and Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur during 20<sup>th</sup> -24<sup>th</sup> September' 2021.
- xvii. **Ms.T.Sushma, Mrs.Ch.Sri Lakshmi** participated in Faculty Development Programme on **Internet of Things (IoT) Architecture & System Level Design** organized by USIC&T, Guru Gobind Singh Indraprastha University during 27<sup>th</sup> September – 1<sup>st</sup> October' 2021.



- xviii. **Mrs.K. Anitha** participated in Faculty Development Programme on **Machine Learning Trends & Applications** organized by JNTU Kakinada during 27<sup>th</sup> September – 2<sup>nd</sup> October’ 2021.
- xix. **Mrs. T. Maha Lakshmi** participated in Faculty Development Programme on **AWS and Machine learning** organized by E & ICT academy, NIT Warangal and Andhra Loyola Institute Of Engineering during 4<sup>th</sup> – 13<sup>th</sup> October’ 2021.
- xx. **Dr. Ch. Gangadhar** participated in AICTE Training and Learning (ATAL) Academy Faculty Development Programme on **Nano Technology** organized by IEEE-NTC Student Chapter IIT Indore during 8<sup>th</sup> – 25<sup>th</sup> November’ 2021.
- xxi. **Dr. K. Ramanjaneyulu** participated in AICTE Training and Learning (ATAL) Academy Faculty Development Programme on **Modulation, Coding and Multiple Access Techniques for Wireless Communication and Storage Systems** organized by School of Electrical Sciences, IIT Goa during 15<sup>th</sup> – 19<sup>th</sup> November’ 2021.
- xxii. **Dr.Haji Habibulla MD, Ms.T.Sushma** participated in Faculty Development Programme on **Recent Trends on Microwave and Beyond Techniques** organized by SRM University - AP, Amaravati during 15<sup>th</sup> – 20<sup>th</sup> November’ 2021.
- xxiii. **Dr. K. Ramanjaneyulu** participated in AICTE Training and Learning (ATAL) Academy Faculty Development Programme on **Application of Artificial Intelligence in Research and development (Advanced level)** organized by CSIR - Advanced Materials and Processes Research Institute, Bhopal during 22<sup>nd</sup> – 26<sup>th</sup> November’ 2021.
- xxiv. **Dr. J. Ravindra Babu** participated in AICTE Training and Learning (ATAL) Academy Faculty Development Programme on **IoT and its Applications** organized by School of Information Technology - Rajiv Gandhi Proudhyogiki, Vishwavidyalaya (RGPV), Delhi during 23<sup>rd</sup> – 27<sup>th</sup> November’ 2021.
- xxv. **Dr. T. Haritha** participated in Faculty Development Programme on **Soft Computing and its Applications in Electromagnetics** organized by Indian Institute of

Information Technology Ranchi. Ranchi under AICTE - Margdarshan Scheme during 23<sup>rd</sup> – 27<sup>th</sup> November' 2021.

- xxvi. **Dr. K. Ramanjaneyulu** participated in Faculty Development Programme on **Machine Learning Solutions for Image Processing Applications using Python** organized by Mepco Schlenk Engineering College Sivakasi, Tamilnadu during 2<sup>nd</sup> – 4<sup>th</sup> December' 2021.
- xxvii. **Dr. Ch. Gangadhar** participated in AICTE Training and Learning (ATAL) Academy Faculty Development Programme on **5G and IoT applications** organized by NIT Srinagar during 6<sup>th</sup> – 10<sup>th</sup> December' 2021.
- xxviii. **Dr. B. Samuyelu** participated in Faculty Development Programme on **Overview of Speech Processing** organized by IIT Dharwad during 13<sup>th</sup> – 17<sup>th</sup> December' 2021.
- xxix. **Dr. Ch. Gangadhar** participated in AICTE Training and Learning (ATAL) Academy Faculty Development Programme on **Deep Learning** organized by IIIT Vadodara during 13<sup>th</sup> – 17<sup>th</sup> December' 2021.
- xxx. **Dr. J. Ravindra Babu** participated in AICTE Training and Learning (ATAL) Academy Faculty Development Programme on **6G Wireless Communication** organized by IIT Dharwad during 20<sup>th</sup> – 24<sup>th</sup> December' 2021.
- xxxi. **Mrs. T. Maha Lakshmi** participated in AICTE Training and Learning (ATAL) Academy Faculty Development Programme on **Wearable Robotics: Design, Sensing and Support** organized by Indian Institute of Information Technology Kota during 24<sup>th</sup> -28<sup>th</sup> December' 2021.
- xxxii. **Dr. Ch. Gangadhar** participated in AICTE Training and Learning (ATAL) Academy Faculty Development Programme on **Topics in Hardware Security** organized by Dept. of CSE, IIT Ropar during 27<sup>th</sup> – 31<sup>st</sup> December' 2021.

**e) Guest lectures:**

- i. **Mrs. D.Praveena Bai** participated in Guest Lecture on **Telugu People Foundation** organized by PVPSIT on 22<sup>nd</sup> November'2021.

**4. Publications by the faculty (National/International Journals/ Conferences):**

**a) Scopus indexed journals:**

- i. **Dr. T. Haritha** published a paper entitled **Purging of silence for robust speaker identification in colossal database** - International Journal of Electrical and Computer Engineering (IJECE); ISSN: 2088-8708; Vol:11; Issue:4; Pg. No. 3084-3092; Aug-21.

**b) SCI/SCIE/ESCI indexed journals:**

- i. **Dr. C. Subba Rao** Published a Paper entitled **Optimized Convolutional Neural Network-based Multigas detection using fiber optic sensor** - Optical Engineering, vol.60, Issue:12; Pg.No:1-21,ISSN-0091-3286, Dec- 2021. (SCI)
- ii. **Mrs. B. V. Subbayamma** Published a Paper entitled **An Improved Hybrid Secure Multipath Routing Protocol for MANET** - IEEE Access; ISSN: 2169-3536; Vol:9; issue: 1; Pg.No:163043-163053; Dec-21.

**c) UGC/other journals:**

- i. **Dr. J. Ravindra Babu** published a paper entitled **Implementation of a Cost Efficient Passive Keyless Entry Device for the Communication Protocol** - Turkish Online Journal of Qualitative Inquiry (TOJQI); ISSN No: 1309-6591; Vol.12; Issue:3; Pg No: 1891-1909; Jul-2021.
- ii. **Mr. B. Surya Prasada Rao** published a paper entitled **A Smart Home Security Locker using Microcontroller**– IOSR Journal of Engineering (IOSRJEN), ISSN No: 2250-3021; Vol.11; Issue7; Pg No:1-4; Jul-2021. (UGC)



- iii. **Dr. A.Geetha Devi** published a paper entitled **Development of Sun Tracking Solar Panel using MSP430 Launch pad** – IOSR Journal of Engineering (IOSRJEN), ISSN No: 2250-3021; Vol.11; Issue:8; Pg No:13-18; Aug-2021.
- iv. **Mrs. V. Ratna Kumari** published a paper entitled **Covid-19 Prediction Using Machine Learning Algorithms**–Journal of Instrumentation and Innovation Sciences, ISSN No: 2456-9860; Vol.6; Issue:2; Pg No:27-33; Aug-2021.

**e) Book chapters:**

**5. Faculty Achievements (Patents, Higher Qualification awarded, guest lectures given, awards and rewards, acted as a Resource person etc.):**

**a. Patents:**

- i. **Mr. B. Surya Prasada Rao** published & was granted a patent titled **An Internet Of Things Based Civil Engineering Water Pump With Embedded Solar System** with the application number: 2021103839, dated:03.07.2021, Granting Organization: The Commissioner of Patents, Australian Government.
- ii. **Mrs V.S.D.Rekha** published a patent titled **Isotropic Antenna Based on Ai & MI Interface Having Multifunctional Guide-wire Assemblies** with the application number: 202141036940 A, dated: 20.08.2021, Granting Organization: Indian Patent Office.

**b. Ph.D.'s awarded/Guided:**

Sl. No.	Name of the Faculty	Title of the Ph.D	Year of Awarding Ph.D	Name of the University Awarded Ph.D.
1.	Dr. J. Ravindra Babu	Multi User Detection in DS-CDMA	20 <sup>th</sup> July, 2021	JNTUH, Hyderabad
2.	Dr. P. Venu Madhav	A Novel octagon Geometry Analysis for Microstrip Antenna	9 <sup>th</sup> August, 2021	KL Deemed to be University

### c. Guest lectures delivered:

- i. **Dr. C. Subba Rao** acted as a resource person for National webinar on **Recent Trends in Applications of Electronics in Communication Technology** organized by Mannar Thirumalai Naiker College, Madurai on 19<sup>th</sup> July' 2021.

### d. Others:

- i. Following faculty received course completion certificates for online courses through Infosys spring board offered by Infosys.

Sl.No.	Faculty Name	Course Name	Course Completion Date
1	Dr.J. Ravindra Babu	Wireless 4G-5GEnabling Technologies	17.12.2021
		Time Management	18.12.2021
2	Mrs.T.Mahalakshmi	IOT platform Overview	23.12.2021
		C Programming	26.12.2021
3	Dr. P Venu Madhav	Learn to Use Arduino IoT Cloud to build IoT Projects	24.12.2021
4	Mrs.Ch.SriLakshmi	Wireless 4G &5G Enabling Technologies	27.12.2021
		Internet of Things 201	28.12.2021

## 6. Students' achievements:

### a) Co-curricular Activities:

#### Certification Courses:

- i. Following students received course completion certificates for an online course on **VLSI SoC Design using Verilog HDL** conducted by Maven Silicon Softech Pvt. Ltd., Bangalore from 26/10/2021 to 25/11/2021.

S. No.	Regd. No.	Name of the Student	Year
1	19501A04C4	Yadagiri Lokesh	III ECE
2	19501A0439	Manikanth Jarugu	III ECE
3	19501A0408	Avutapalli Durga Sri	III ECE
4	19501A0442	Kalakota Srilekha	III ECE
5	19501A0438	Jammu Poorna Durga Prasad	III ECE
6	19501A0426	Eswara Priya Damarla	III ECE
7	19501A0453	Pavan Kumar Kurapati	III ECE
8	19501A0401	Abdul Parvez	III ECE
9	19501A0458	M.Shesha Srinivas Deekshitulu	III ECE
10	19501A0443	Kammili Jaswanth	III ECE
11	19501A04A8	Shahnaz Aktar Shaik	III ECE
12	19501A0420	Dendukuri Naga Siva Rama Raju	III ECE
13	19501A04B5	Taruni Madugula	III ECE
14	19501A04A6	Salma Begum Perumalapalli	III ECE
15	19501A0462	Mandula Deepika	III ECE
16	19501A0489	Ponugoti Anil Kumar Reddy	III ECE
17	19501A0409	Ballamudi Michael	III ECE
18	20505A0404	Jupudi Saisaritha	III ECE
19	19501A0446	Karre Dedeepya	III ECE
20	19501A0431	Gogulapati Sreenu	III ECE
21	19501A0406	Arepalli Janardhan	III ECE
22	20505A0408	Mallipudi Lakshmi Likitha	III ECE
23	19501A0483	Peddibhotla Venkata Aditya Kumar	III ECE
24	19501A04C6	Yarramreddy Ravi Chandrika	III ECE
25	19501A04C3	Sreehitha Vinnakota	III ECE
26	19501A0422	Manikanta Devarapalli	III ECE
27	19501A0447	Khalilur Rahman Saeed	III ECE
28	20505A0411	S Rupa Devi	III ECE
29	19501A04A7	Sanaka Bala Chandu	III ECE
30	19501A0405	Aragala Poornima	III ECE
31	19501A0450	K Lekhana Jyothi	III ECE

32	19501A04C2	Varikallu Ashok	III ECE
33	19501A0414	Boyina Vineela	III ECE
34	19501A04A1	R.S.V.R Lokesh Kumar	III ECE
35	19501A04B2	Tadikonda Surya Bhavani	III ECE
36	19501A0460	Mallampalli Poornima	III ECE
37	19501A0425	Edupalli Harshitha	III ECE
38	19501A0472	M. R.D.V.N.S.Suryateja	III ECE
39	18501A0404	Akshay Chowdary T	IV ECE
40	19501A0463	Maradani Kumar	III ECE
41	19501A0469	Mekala.Charan Sai	III ECE
42	19501A0432	Jagadeesh Gokada	III ECE
43	19501A0496	Pulukuri Ram Kishore	III ECE
44	19501A0412	Bonthu Rupadevi	III ECE
45	19501A0436	Haritha Chavala	III ECE
46	19501A04A9	Sigireddi Venkata Surya Simhachalam	III ECE
47	19501A0407	Arepalli Maha Siva Parvathi	III ECE

ii. 90 students of II, III and IV B.Tech students received course completion certificates for online courses on **C Language and Basics of Python** through **Infosys spring board** offered by Infosys.

iii. II & III B.Tech Students completed the following Certification Courses through **Spoken Tutorials** offered by IIT Bombay.

S.No.	Date	FOSS	Organizer	No. of Participants Registered	No. of Participants Certified	Pass Percentage
1	09 Oct 2021	LINUX	Department of ECE	73	55	75%
2.	20 Sept 2021	JAVA	Department of ECE	59	53	89%



**b). Internships:****III B.Tech.**

S.No	Roll. No. of Student	Name of the student	Company Name & Place	Start Date	End Date
<b>Topic: Robotic Process Automation (RPA) Virtual Internship</b>					
1.	19501A0413	Usha Rani Botchha	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
2	19501A0442	Sri Lekha kalakota	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
3	19501A0456	Sai Pavani Mothukuri	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
4	19501A04C0	Vanum Sri Lakshmi Narayana	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
5	19501A04C4	Lokesh yadagiri	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
<b>Topic: Cybersecurity Virtual Internship</b>					
6	19501A0407	Arepalli Maha Siva Parvathi	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
7	19501A0408	Durga sri Avutapalli	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
8	19501A0414	Vineela Boyina	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
9	19501A0423	Devarapu hame Sujana	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
10	19501A0425	Edupalli Harshitha	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
11	20505A0411	Rupa Devi Sivanyanam	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
12	19501A0444	Sai Sruthi Kancharlapalli	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
13	19501A0452	Kota Bindhu Madhvi	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
14	19501A0455	Lobhisetti Likhitha	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
15	19501A0457	Madamanchi Tejaswi	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
16	19501A0458	Sesha Srinivasa Deekshitulu Maddipati	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
17	19501A0462	Mandula Deepika	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
18	19501A0463	Maradani kumar	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
19	19501A0469	Mekala Charan Sai	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
20	19501A0481	Satish P	Eduskills in collaboration	Oct2021	Dec2021

			with AICTE	(10 weeks)	
21	19501A04A8	Shahnaz Aktar Shaik	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
22	19501A0405	Aragala Poornima	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
23	19501A04B4	Kavya Tammina	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
24	19501A04B5	Taruni Madugula	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
25	19501A04B6	Tatineni Bhavishya	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
26	20505A0404	Sai Saritha Jupudi	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
27	20505A0405	Vinod Kanumonu	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
<b>Topic: Linux Automation Virtual internship</b>					
28	19501A0499	Rajulapati Likhitha	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
29	19501A04A6	Salma Begum Perumalapalli	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
30	19501A04B2	Tadikonda Surya Bhavani	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
31	19501A04C6	Ravi Chandrika Yarramreddy	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021

#### IV B.Tech

S.N o	Roll. No. of Student	Name of the student	Company Name & Place	Start Date	End Date
<b>Topic: Robotic Process Automation (RPA) Virtual Internship</b>					
1	18501A0411	Atyam Bindu Sri	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
2	18501A0425	Cheedi Naga Sai Monika	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
3	18501A0425	Prabhu Surya Chitakana	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
4	18501A0430	Damarla Vijay Venkata Kranthi Kumar	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
5	18501A0432	Desaboyina Jahnvi	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
6	18501A0439	Gandla Saravanan	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
7	18505A0405	Harish Naidu Bonam	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
8	17501A0442	Jagannadham Venkata Srinivas	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
9	18501A0477	Mohammad Afiya Begum	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021

10	18501A04A5	Tejaswini Vellanki	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
<b>Topic: Cyber security Virtual Internship</b>					
11	18501A0474	Mahammad Noorjaha Bhanu	Eduskills in collaboration with AICTE	Oct2021 (10 weeks)	Dec2021
<b>Topic: Linux Essentials for Professionals</b>					
12	18501A0463	K. Jaswanth Raghu	Elite Path Cyber &IT	01.08.2021	31.08.2021
<b>Topic: Practical Penetration tester</b>					
13	18501A0463	K. Jaswanth Raghu	Elite Path Cyber &IT	20.09.2021	20.12.2021

### c) Extra-curricular Activities:

- Technical events were organized under ISTE on 11<sup>th</sup> & 12<sup>th</sup> of October 2021. The following are the details of winners.

#### Technical Quiz

##### III B.Tech:

S.No.	Reg. No. of the Student	Name of the Student	Prize won
1	19501A04B2	Tadikonda Surya Bhavani	I
2	19501A0418	D.Praneeth	II
3	19501A0424	Duggaraju Harsha Chaitanya	III

##### IV B.Tech:

S.No.	Reg. No. of the Student	Name of the Student	Prize won
1	18501A0465	Kothagundla Sai Ramya	I
2	18501A0488	Polukonda Raghu Babu	II
3	18501A04B1	Vakacharla Phani Teja	III

### ii. Innovative Idea:

S.No.	Reg. No. of the Student	Name of the Student	Prize won
1	19501A0456	M V Sai Pavani	I
2	19501A0407	Arepalli Maha Siva Parvathi	II

### iii.

<b>S.No</b>	<b>Name of the Student</b>	<b>Year of Study</b>	<b>Name of the Institute</b>	<b>Paper/Poster/Project Contest Held on /At)</b>	<b>Title of the Paper/Poster/Project</b>	<b>Prize Won</b>
1	Gogulapati Srinu	II	ERTS Lab, Dept. CSE, Indian Institute Of Technology Bombay, Powai, Mumbai	06.07.2021	50 Days Online Crash Course On Embedded System and Robotics	GRADE C Certificate
2	Abdul Parvez	II	ERTS Lab, Dept. CSE, Indian Institute Of Technology Bombay, Powai, Mumbai	06.07.2021	50 Days Online Crash Course On Embedded System and Robotics	GRADE B Certificate
3	Eswara Priya Damarla	II	ERTS Lab, Dept. CSE, Indian Institute Of Technology Bombay, Powai, Mumbai	06.07.2021	50 Days Online Crash Course On Embedded System and Robotics	GRADE C Certificate
4	Gokada Jagadheesh	II	ERTS Lab, Dept. CSE, Indian Institute Of Technology Bombay, Powai, Mumbai	06.07.2021	50 Days Online Crash Course On Embedded System and Robotics	GRADE C Certificate
5	Mahasiva Parvathi Arepalli	II	ERTS Lab, Dept. CSE, Indian Institute Of Technology Bombay, Powai, Mumbai	06.07.2021	50 Days Online Crash Course On Embedded System and Robotics	GRADE C Certificate
6	Michael Ballampudi	II	ERTS Lab, Dept. CSE, Indian Institute Of Technology Bombay, Powai, Mumbai	06.07.2021	50 Days Online Crash Course On Embedded System and Robotics	GRADE C Certificate
7	Pratyusha Garikipati	II	ERTS Lab, Dept. CSE, Indian Institute Of Technology Bombay, Powai, Mumbai	06.07.2021	50 Days Online Crash Course On Embedded System and Robotics	GRADE C Certificate
8	Durga Sai Lavanya.S	IV	Vardahaman College of Engineering, HYD	24.07.2021	IEEE Natiaol Level Project Expo-2021 A Minimaturized Wide Band Butterfly Shape Microchip Patch Anteena	Participation



9	K.Dharanidhar	IV	Vardahaman College of Engineering, HYD	24.07.2021	IEEE Natioal Level Project Expo-2021 A Minimaturized Wide Band Butterfly Shape Microchip Patch Anteena	Participation
10	B.Revathi	IV	Vardahaman College of Engineering, HYD	24.07.2021	IEEE Natioal Level Project Expo-2021 A Minimaturized Wide Band Butterfly Shape Microchip Patch Anteena	Participation
11	Koganti Gnanedra	III	SIR CR Reddy College Of Engineering	2.07.2021	MEASURE YOUR ARC	II
12	Koganti Gnanedra	IV	SIR CR Reddy College Of Engineering	3.07.2021	DIGIGRADE	II
13	G.Jagadeesh	III	Azadi Ka Amrit Mahotsav 2021,official 75 years of Indian Independence conducted by district administration, Govt. of Andhra Pradesh in association with Siddhartha Academy Of General And Technical Education and JIGNASA Interface Private Limited	26-11-2021 to 27-11-2021	Technical Quiz	I
14	M.Siddhartha	III	Azadi Ka Amrit Mahotsav 2021,official 75 years of Indian Independence conducted by district administration, Govt. of Andhra Pradesh in association with Siddhartha Academy Of General And Technical Education and JIGNASA Interface Private Limited	26-11-2021 to 27-11-2021	Technical Quiz	Participated
15	K.Vinod	III	Azadi Ka Amrit Mahotsav 2021,official 75 years of Indian Independence conducted by district administration, Govt. of Andhra Pradesh in association with Siddhartha Academy Of General	26-11-2021 to 27-11-2021	Technical Quiz	Participated

			And Technical Education and JIGNASA Interface Private Limited			
16	G.Prathyusha	III	Azadi Ka Amrit Mahotsav 2021,official 75 years of Indian Independence conducted by district administration, Govt. of Andhra Pradesh in association with Siddhartha Academy Of General And Technical Education and JIGNASA Interface Private Limited	26-11-2021 to 27-11-2021	Technical Quiz	Participated
17	Abdul Parvez	III	Azadi Ka Amrit Mahotsav 2021,official 75 years of Indian Independence conducted by district administration, Govt. of Andhra Pradesh in association with Siddhartha Academy Of General And Technical Education and JIGNASA Interface Private Limited	26-11-2021 to 27-11-2021	Technical Quiz	Participated
18	A.Maha Siva Parvathi	III	Azadi Ka Amrit Mahotsav 2021,official 75 years of Indian Independence conducted by district administration, Govt. of Andhra Pradesh in association with Siddhartha Academy Of General And Technical Education and JIGNASA Interface Private Limited	26-11-2021 to 27-11-2021	Technical Quiz	Participated
19	A.Durga Sri	III	Azadi Ka Amrit Mahotsav 2021,official 75 years of Indian Independence conducted by district administration, Govt. of Andhra Pradesh in association with Siddhartha Academy Of General And Technical Education and JIGNASA Interface Private Limited	26-11-2021 to 27-11-2021	Technical Quiz	Participated
20	G. Jagadeesh	III	Azadi Ka Amrit Mahotsav 2021,official 75 years of Indian Independence	26-11-2021 to	Technical Quiz	Participated

			conducted by district administration, Govt. of Andhra Pradesh in association with Siddhartha Academy Of General And Technical Education and JIGNASA Interface Private Limited	27-11-2021		
21	D. Eswara Priya	III	Azadi Ka Amrit Mahotsav 2021,official 75 years of Indian Independence conducted by district administration, Govt. of Andhra Pradesh in association with Siddhartha Academy Of General And Technical Education and JIGNASA Interface Private Limited	26-11-2021 to 27-11-2021	Technical Quiz	Participated
22	B. Michael	III	Azadi Ka Amrit Mahotsav 2021,official 75 years of Indian Independence conducted by district administration, Govt. of Andhra Pradesh in association with Siddhartha Academy Of General And Technical Education and JIGNASA Interface Private Limited	26-11-2021 to 27-11-2021	Technical Quiz	Participated
23	D.Sai Vasu Deva Praneeth	III	Azadi Ka Amrit Mahotsav 2021,official 75 years of Indian Independence conducted by district administration, Govt. of Andhra Pradesh in association with Siddhartha Academy Of General And Technical Education and JIGNASA Interface Private Limited	26-11-2021 to 27-11-2021	Technical Quiz	Participated
24	J.Siva Bhanu sriCharan	III	Azadi Ka Amrit Mahotsav 2021,official 75 years of Indian Independence conducted by district administration, Govt. of Andhra Pradesh in association with Siddhartha Academy Of General And Technical Education and JIGNASA	26-11-2021 to 27-11-2021	Technical Quiz	Participated

			Interface Private Limited			
25	D.Harsha Chaitanya	III	Azadi Ka Amrit Mahotsav 2021,official 75 years of Indian Independence conducted by district administration, Govt. of Andhra Pradesh in association with Siddhartha Academy Of General And Technical Education and JIGNASA Interface Private Limited	26-11-2021 to 27-11-2021	Technical Quiz	Participated
26	D.Naga Siva Rama Raju	III	Azadi Ka Amrit Mahotsav 2021,official 75 years of Indian Independence conducted by district administration, Govt. of Andhra Pradesh in association with Siddhartha Academy Of General And Technical Education and JIGNASA Interface Private Limited	26-11-2021 to 27-11-2021	Technical Quiz	Participated
27	G.Akhil	III	Azadi Ka Amrit Mahotsav 2021,official 75 years of Indian Independence conducted by district administration, Govt. of Andhra Pradesh in association with Siddhartha Academy Of General And Technical Education and JIGNASA Interface Private Limited++	26-11-2021 to 27-11-2021	Technical Quiz	I



## 7. Higher Education

Sl. No.	Reg. No. of the Student	Name of the Student	Name of the Competitive Exam	Score
1.	17501A0444	Jonnala Sravya	IELTS	7.00
2.	17501A0424	Chalasani Tejaswi	GRE	320
			TOEFL	105
3.	18501A0409	Ankam Sai Kuldeep	IELTS	7
4.	18501A0418	Bhimineni Srikanth Nagendra	IELTS	5.5
5.	18501A0423	Chalamalasetty Sri Lokesh	IELTS	6
6.	18501A0482	Nidumolu Jaya Karthik	IELTS	7
7.	18501A04B5	Velpula Siva Krishna	IELTS	6.5

## 8. MOUs Signed

- i. Memorandum of understanding with BSNL made on 2<sup>nd</sup> November, 2021 at Vijayawada.

## 9. Students Contribution

### WHY ONE SHOULD HAVE A GOAL?

Human beings' life is a blessing in nature so that everyone has to lead a meaningful life by setting goals. Indeed, every individual need to cultivate a passion towards reaching one's goal. In this connection, everybody has a unique choice in his/her chosen field of study with what he/she strives to achieve the desired goal in a specific time span. The powerful subconscious goes to figure out and begins handling with ideas and developing methods of assorted ways to reach the summit of the goal.

When a person sets a goal, he has to be aware of strengths and weakness in the process of realizing one's potential to deal with the issues that arise in the path of destination. In this connection, he/she has to make use of creative ideas in order to find out solutions and do hard work which is an added strength in this pursuit. Human beings' life is a precious one so that one has to live a meaningful life by setting a goal which is practical and feasible. Being a human, one has to invest time in reading and learning that helps to recover from one's mistakes. This experience is a real core element while chalking out solutions to any problem that arise in the journey of life.

#### Setting Goals:

When one begins to figure out one's goals, he/she wish to form them as specific as possible. It should be a precise plan and more elaborate one which navigates him/her to reach the goal. It is useful to possess a series of goals, starting from daily, weekly, monthly, yearly, and thirty to forty years. In this process, one has to create a goal that is realistic not obscure. Initially, it is important to set simple goals and work step by step to attain success because every journey starts with a small step. In the wake of realizing goals, one has to enjoy self-confidence having positive attitude. And also, the road to reach the destination ought to be clear.

Setting and achieving goals assist you to form a stronger character. It is useful to recollect that our brain cannot entertain each positive and negative thoughts simultaneously. If you enjoy positive spirit, you will dispel negative thoughts easily. Even though one faces very little obstacles that get within the approach of one's goals, he/she need not surrender to them. While finding an answer, one needs to apply a positive approach. Concentration on finding solutions permits one to place your brain to figure out ways that are in the path of journey. A human need to possess the ability to invite challenges and realize them with strong will and determination as a person's character is tested in the face of difficulties. To sum up, setting a realistic goal paves a path for people to learn and grow in their life.

**- K.Hari Supraja, (18501A0461), IV B.Tech, ECE**

## MULAPADU MAGNIFIC WORLD

Location: Mulapadu



**M. Sathvik Kumar, (18501A0472), IVB.Tech, ECE**



