

# Newsletter

We Communicate Our Vision!

# SIGNALS



## HALF - YEARLY NEWS LETTER

**VOLUME: 23**

**JULY: 2023**

Newsletter

**Electronics & Communication  
Engineering**



**PRASAD V POTLURI  
SIDDHARTHA  
INSTITUTE OF TECHNOLOGY**

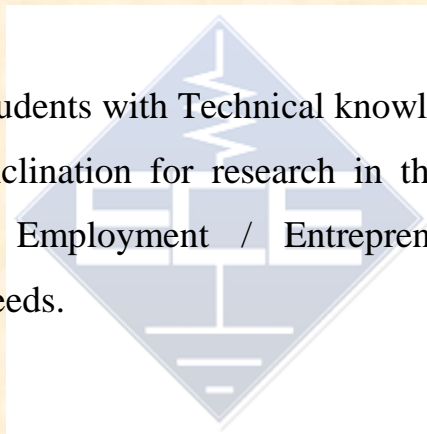
# **Prasad V. Potluri Siddhartha Institute of Technology**

## **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.

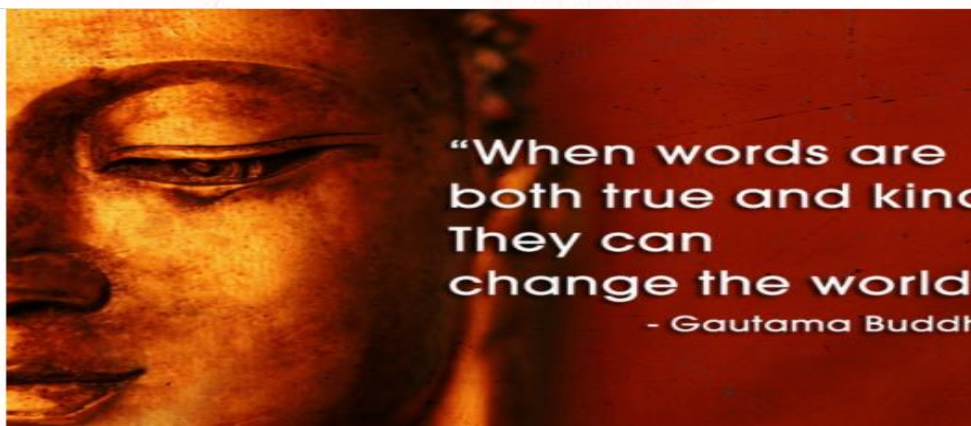


## EDITORIAL BOARD

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. Dr. V.S.D.Rekha,  
Assistant Professor
6. Ms. K. Kavyasri  
(21501A0455), III B.Tech
7. Ms. P. Durga Anupama  
(21501A0499), III B.Tech
8. Ms. G.Srujana  
(22501A0441), II B.Tech
9. Mr. K.V.N.S.G. Sasank  
(22501A0469), 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
- ✓ Industrial Visits
- ✓ Higher Education
- ✓ MOUs Signed
- ✓ Students Contribution

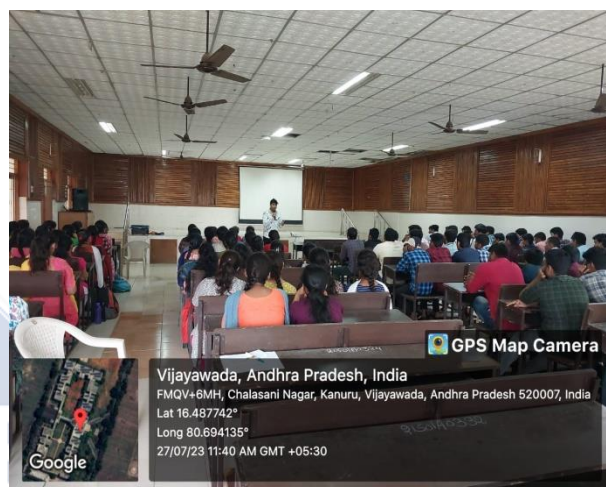


## 1. Workshops/Seminars/Guest Lectures/Training Programs/Symposiums/ Webinars organized

The department of Electronics and Communications Engineering organized ---

- i. An alumni talk on **Education and Employment in USA** for III ECE students on 27<sup>th</sup> July' 23.

Resource Person: Rajesh Anne, Sr. Software Engineer/Lead, DoT,  
Director of EXCELQUE, USA  
PVPSIT Alumni E.Cont. E. 2003-2007 batch



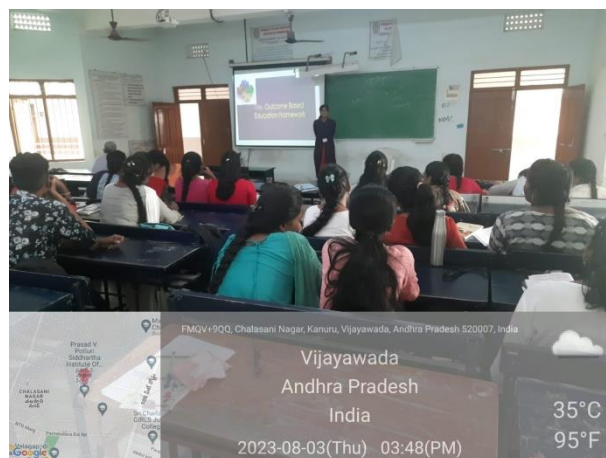
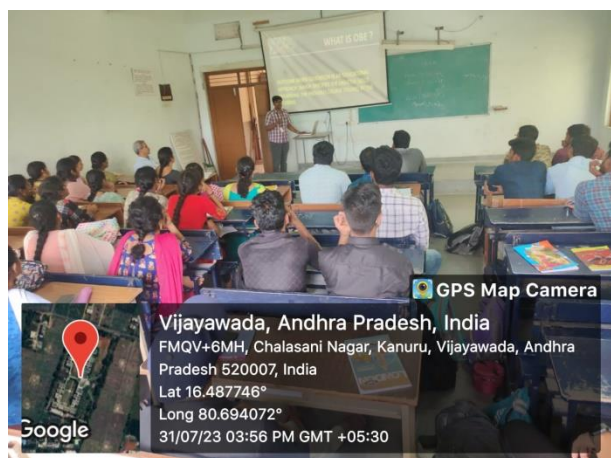
- ii. An alumni talk on **Entrepreneurship and Placements** for III ECE students on 28<sup>th</sup> July' 23.

Resource Person: Narni Avinash, (M.S), Sacred heart University, USA  
Worked as software Engineer for 2 years in United health  
group, PVPSIT Alumni E.C.E. 2016-2020 Batch





- iii. Elocution on **Outcome Based Education (OBE) Framework** with Electronic/Oral presentation in association with IE, for III B.Tech on 31<sup>st</sup> July, 2023 for Sec-1 and 3<sup>rd</sup> August, 2023 for III Sec-2.



- iv. An awareness program on **Leave a legacy of life** in association with Womens cell of PVPSIT, for II B.Tech students on 9<sup>th</sup> August, 2023.

Resource Person: Mrs.K.K.D. Surekha, Transplant Coordinator,

AAYUSH NRI LEPL Healthcare Private Limited



- v. Organized a guest lecture on **Opportunities in Embedded Systems** for II B.Tech students on 19<sup>th</sup> August, 2023.

Resource Person: Deepak Kumar Tala, Managing Director

Smart DV Ematic India Private Limited, Bengaluru





- vi. Organized Online Faculty Development Programme on **Neural Networks and Fuzzy Logic** in association with National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh (Sponsored by Ministry of Education, Government of India) during 21<sup>st</sup> August – 1<sup>st</sup> September, 2023.

Resource Person: Dr. Amod Kumar, NITTTR, Chandigarh



- vii. Organized expert talk on **Opportunities for placement in core companies** on 19<sup>th</sup> August 2023.

Resource Person: **Mr. Deepak Kumar Tala**, Managing Director, Smart DV Technologies India PVT.Ltd.,

- viii. On the occasion of Teachers Day, in association with IETE Student Forum organized different Competitions for II, III and IV B.Tech students on 2<sup>nd</sup> September, 2023.

Essay Writing: Assessment Methods in OBE

Debate: OBE vs Conventional Education.



- ix. An alumni talk on **UPSC Civil Service Exam** for II & III ECE students on 4<sup>th</sup> September' 2023.

Resource Person: Murali Krishna Neerukonda, Lead Engineer, General Electronics, Hyderabad, PVPSIT Alumni E.C.E. 2008-2012 Batch



- x. On the occasion of Engineers Day Celebrations (15<sup>th</sup> Sept. 2023), IETE Student Forum of Department of ECE have conducted various events for II & III B.Tech. ECE students on 13<sup>th</sup> & 14<sup>th</sup> September, 2023.

As a part of celebrations HOD, Staff and Students offered floral tributes to First Indian Civil Engineer **BHARAT RATNA MOKSHAGUNDAM VISESVARAYA** and conveyed the role of Engineer in society on 15<sup>th</sup>, September, 2023. IETE Student forum of ECE department conducted **JAM** on Renowned Scientists/Engineers and their contribution to Society, **Technical Quiz, Coding contest** (C/ Python/ MATLAB/ Verilog),



**CIRCUITRIX Technical paper Presentation** on Evolution of Emerging Technologies.  
Total 195 students participated in different events and the events are coordinated by IETE student members and staff.



### Just A Minute (JAM)





S. No.	Regd. No.	Name of the Student	Year	Position
1	22501A0492	Nekkanti Sneha Sri	II ECE	I
2	22501A04A6	Puli Varshitha	II ECE	II
3	22501A04 C5	V S L Lavanya Kompella	II ECE	II

## Tecinal Quiz



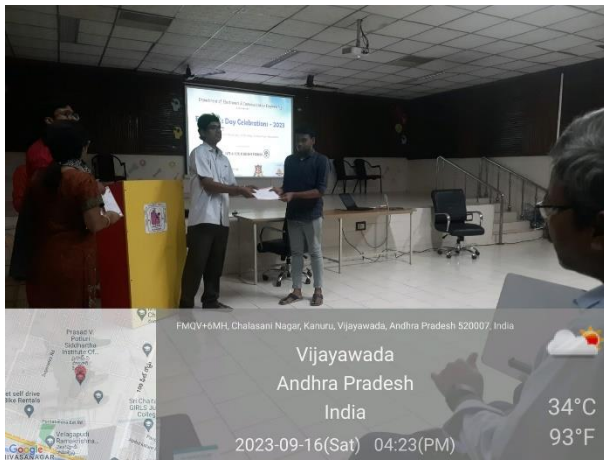




S. No.	Regd. No.	Name of the Student	Year	Position
1	21501A0408	A.Siva Ram	III ECE	I
	22501A04A5	P.Vamsi	II ECE	
2	21501A0452	K. Sri Krishna	III ECE	II
	22501A04C8	V. Gnaneswar	II ECE	
3	21501A0403	A.Vasavya	III ECE	III
	22501A0406	B.Divya Sree	II ECE	

### Coding Contest (C/ Python/ MATLAB/ Verilog)





S. No.	Regd. No.	Name of the Student	Year	Position
1	21501A0408	A. Siva Ram	III ECE	I
2	21501A0428	Ch.Harish Sai	III ECE	II
3	21501A0415	B.Girish	III ECE	III

## Circuitrix







S. No.	Regd. No.	Name of the Student	Year	Position
1	21501A04D0	Y. Chamundeswari	III ECE	I
	21501A0488	N. Bhovaneswari	III ECE	
2	21501A04A3	R. Puneetha	III ECE	II
	21501A04B4	T. Divya	III ECE	
3	21501A0448	B. Jeya Vardhini	III ECE	III
	LE207	V.Lahari	II ECE	

## Technical Paper Presentation





S. No.	Regd. No.	Name of the Student	Year	Position
1	22501A04A6	Varshitha	II ECE	I
	22501A0473	Harshitha	II ECE	
2	22501A0490	Nandhitha	II ECE	II
	22501A0492	Sneha Sree	II ECE	
3	21501A0408	A.Sivaram	III ECE	III

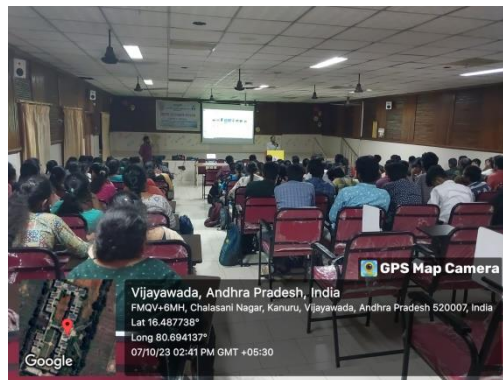
- xi. **Mr. Purnachandar Poshala**, System Manager, Texas Instruments has visited and interacted with the faculty on 15<sup>th</sup>, September, 2023.





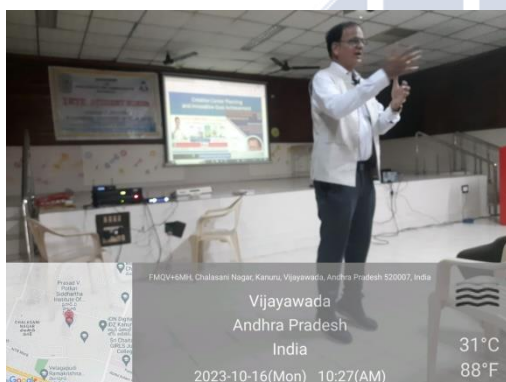
- xii. Organized a guest lecture on **Career Development** for the students of II B.Tech ECE on 7<sup>th</sup> October, 2023.

Resource Person: Uma Maheswar Desu, CEO, VV Creations, Vijayawada.



- xiii. Organized a guest lecture on **Personality Development** for the students of II B.Tech ECE on 16<sup>th</sup> October, 2023.

Resource Person: Prof.K.V.Subba Raju (Rtd.), SRKR Engineering College, Bhimavaram.



- xiv. Organized a 6 day workshop on **PCB Design Program** in association with Andhra Pradesh State Skill Development Corporation (APSSDC) for the students of II B.Tech ECE during 9<sup>th</sup> - 14<sup>th</sup> October, 2023 (for Sec 1) & 30<sup>th</sup> October – 4<sup>th</sup> November, 2023 (for Sec 2).

Resource Person: Ms.Rubeena, Trainer, APSSDC.



xv. Organized One week workshop on **Spartan-3E FPGA Board** for the students of II B.Tech ECE under IETE student chapter during 27<sup>th</sup> – 30<sup>th</sup> December, 2023 and 3<sup>rd</sup> – 4<sup>th</sup> January, 2024.

Resource Persons: Members of Sense Semiconductor & IT Solutions Pvt. Ltd, Mangalagiri, Guntur.

1. P Tejeswara Rao - Physical Design Verification Engineer, SSiT
2. S Lokeshwar Reddy S - FPGA Prototyping Engineer, SSiT
3. Y Dhanush Reddy - Digital Design Engineer, Analog Devices
4. R Sudheer - Chief Technology Officer, SSiT



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

- i. Dr. P.Venu Madhav presented a paper entitled **Design and Implementation of Smart Housing System for Elderly Persons** - International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence (RAEEUCCI); ISN: 979-8-3503-3742-6; Vol:23; organized by SRM University, Chennai on 17<sup>th</sup> July, 2023. (Scopus)
- ii. Mrs.B.V. Subbayamma presented a paper entitled **Enhancement of Energy Efficiency Using improved Energy Efficient Routing Protocol in Wireless Sensor Networks for IOT Applications** - 3<sup>rd</sup> International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) - 2023; ISN: 979-8-3503-4617-6; Vol: 979; Issue:8; Page No:37-40 organized by Adi Shankara Institute of Engineering and Technology, Kalady, Ernakulam, India during 18<sup>th</sup> – 20<sup>th</sup> May, 2023. (Scopus; Date Added to IEEE Xplore: 07 August 2023).
- iii. Ms.T. Sushma presented a paper entitled **Implementation of Extreme Learning Model for Cyber Security in IoT Networks** - 2023 International Conference on Sustainable Communication Networks and Application (ICSCNA 2023); ISBN: 979-8-3503-1398-7; Vol:23; organized by Bharath Nikethan Engineering College, Theni, India, during 15<sup>th</sup> – 17<sup>th</sup> November, 2023.

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

### a) Seminars/Webinars:

- i. Dr. K. Ramanjaneyulu, Dr. B. Samuyelu, Dr.Haji Habibulla MD, Mrs. D Swathi participated in a seminar on **National Intellectual Property Awareness Mission** organised by National, O/o CGPDTM and CSIR on 18<sup>th</sup> July, 2023.

- ii. Dr.Haji Habibulla MD participated in a seminar on **Exploring the Latest Breakthroughs in Analog & RF IC Research**: Insights from the Eindhoven University of Technology organised by IEEE-IISc VLSI Chapter on 19<sup>th</sup> July, 2023.
- iii. Dr.Haji Habibulla MD, participated in a seminar on **Ansys-Rocky -Particle dynamics simulation** organised by ARK Infosolutions pvt ltd on 20<sup>th</sup> July, 2023.
- iv. Mr. K.Phani Rama Krishna, participated in a seminar on **System Design Flow and ASIC Design Flow** organised by **COREel Technolgies & PVPSIT** on 24<sup>th</sup> July, 2023.
- v. Dr.Haji Habibulla MD, participated in a seminar on **System Design Flow and ASIC Design Flow** organised by CoreEL Technologies and AMD-Xilinx during 24<sup>th</sup> – 27<sup>th</sup> July, 2023.
- vi. Dr.Haji Habibulla MD, participated in a seminar on **Ansys OptiSlang - Process Integration & Design Optimization** organised by ARK Infosolutions Pvt. Ltd. on 28<sup>th</sup> July, 2023.
- vii. Dr.Haji Habibulla MD, participated in a seminar on **Responsible Generative AI** organised by Elsevier, BrightTalk on 8<sup>th</sup> August, 2023.
- viii. Dr.Haji Habibulla MD, participated in a seminar on **Unlocking the Potential of Wide Bandgap Semiconductors for Extreme Environments** organised by VRSEC on 19<sup>th</sup> August, 2023.
- ix. Dr.Haji Habibulla MD, participated in a seminar on **Introduction to UltraScale+ MPSoC Architecture** organised by Sandeepani School of Embedded System Design, Bangalore on 23<sup>rd</sup> August, 2023.
- x. Dr.Haji Habibulla MD, participated in a seminar on **Introduction to Kria-SOM and KV260 Vision AI Starter Kit** organised by Sandeepani School of Embedded System Design, Bangalore on 4<sup>th</sup> September, 2023.

- xi. Dr.Haji Habibulla MD, participated in a seminar on **Design Faster using Vivado IP Integrator** organised by CoreEL Technologies on 22<sup>nd</sup> September, 2023.
- xii. Dr.Haji Habibulla MD, Ms. D.Praveena Bai participated in a seminar on **System Design Flow using AMD Xilinx Vivado and Vitis** organised by CoreEL Technologies and AMD-Xilinx on 3<sup>rd</sup> November, 2023.

#### **b) Workshops:**

- i. Mrs. K. Aruna kumari, Mrs. Ch.Sri lakshmi participated in a workshop on **Teaching for Excellence** organized by Dept of EEE, PVPSIT, Vijayawada on 5<sup>th</sup> July, 2023.
- ii. Mrs. D Swathi, Dr.T. Maha Lakshmi participated in a workshop on **VLSI to System Design: Silicon to end application Approach** organized by AICTE, ARM Education and STMicroelectronics during 31<sup>st</sup> July – 4<sup>th</sup> August, 2023.
- iii. Mrs.L.Madhavi Devi participated in a workshop on **Thesis Writing and Publication Ethics** organized by Malaysian Industrial Relations & Human Resource Association (MIRHA), Malaysia in association with Lavender Literary Club, India on 12<sup>th</sup> August, 2023.
- iv. Dr.T. Maha Lakshmi participated in a workshop on **The Next Generation VLSI & MEMS Devices in Medicine** organized by VRSEC, Vijayawada during 20<sup>th</sup> - 21<sup>st</sup> December, 2023.

#### **c) Guest Lectures Attended:**

- i. Dr.Haji Habibulla MD participated in a Guest Lecture on **Master class FPGA based implementation of beamforming algorithms for radar and wireless systems** organised by Mathworks on 18<sup>th</sup> July, 2023.
- ii. Dr.Haji Habibulla MD participated in a Guest Lecture on **Master class accelerating production of industry compliant embedded software using model based design** organised by Mathworks on 18<sup>th</sup> July, 2023.



- iii. Dr.Haji Habibulla MD participated in a Guest Lecture on **Measuring and Making 2D Materials: From Optics to Epitaxy** organised by EEE Sensors Council Student Chapter Indian Institute of Technology Indore on 24<sup>th</sup> July, 2023.
- iv. Dr.Haji Habibulla MD participated in a Guest Lecture on **Ansys Dynamic Meshing** organised by ARK Infosolutions pvt ltd on 28<sup>th</sup> July, 2023.
- v. Dr.Haji Habibulla MD participated in a Guest Lecture on **Compacting Models: The Art of Compact Modelling** organised by IEEE Madhya Pradesh Section EDS Chapter on 11<sup>th</sup> August, 2023.
- vi. Mrs. D.Praveena Bai participated in a Guest Lecture on **Role of Engineers in Nation Building** organised by PVPSIT on 15<sup>th</sup> September, 2023.
- vii. Dr.Haji Habibulla MD participated in a Guest Lecture on **Embedded Systems Software Design using VITIS** organised by CoreEL Technologies on 22<sup>nd</sup> September, 2023.
- viii. Ms. D.Praveena Bai participated in a Guest Lecture on **North South Foundation Scholarships knowledge Sharing** organised by PVPSIT on 26<sup>th</sup> September, 2023.
- ix. Dr.Haji Habibulla MD participated in a Guest Lecture on **Getting Started with the Versal Adaptive SoC Platform** organised by CoreEL Technologies on 18<sup>th</sup> October, 2023.

#### **d) Faculty Development Programmes:**

- i. Mrs. D.Praveena Bai participated in faculty development program on **National Intellectual Property Awareness Training Program** organized by CGPDTM and CSIR during 1<sup>st</sup> – 31<sup>st</sup> July, 2023.
- ii. Dr. V. S.D.Rekha participated in faculty development program on Antenna for **5G Communications & Beyond** organized by Dept of ECE, Aditya Engineering College Surampalem in association with IETE during 3<sup>rd</sup> – 8<sup>th</sup> July, 2023.

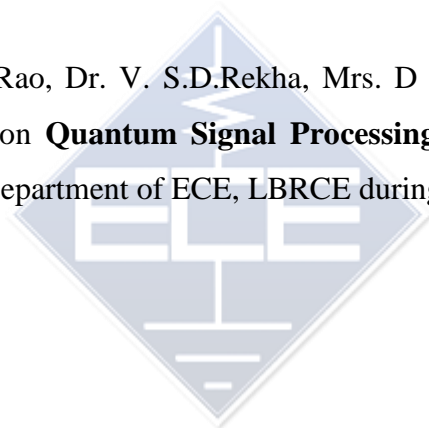
- iii. Dr.Ch.Subba Rao, Mrs. B. Swathi Lakshmi, Ms. L. Madhavi Devi participated in faculty development program on **ChatGPT & AI Tools for Educators, in-line with OBE** organized by The Kerala State Higher Education Council & St. Josephs College, Kerala during 19<sup>th</sup> – 26<sup>th</sup> July, 2023.
- iv. Dr. K. Ramanjaneyulu, Mr. M. Srinivasa Rao, Mrs.K. Anitha participated in AICTE Recognized faculty development programme on **Funding Opportunities in Engineering** organized by Entrepreneurship Development and Industrial Coordination Department of NITTTR, Chandigarh, and PVPSIT, Vijayawada during 24<sup>th</sup> – 28<sup>th</sup> July, 2023.
- v. Dr. T. Haritha, Mrs. D Swathi participated in faculty development program on **Mathematical Sciences & Engineering Applications** organized by Dept. of FED, PVPSIT during 3<sup>rd</sup> – 4<sup>th</sup> August, 2023.
- vi. Dr. A.Geetha Devi participated in faculty development program on **AI/ML and Data Science for Industry 4.0 (Basic Level)** organized by NITTTR, Chandigarh & PVPSIT during 21<sup>st</sup> – 25<sup>th</sup> August, 2023.
- vii. Dr. A.Geetha Devi, Mrs. V. Ratna Kumari, Mrs. D. Hareesha, Mrs. B. V. Subbayamma, Dr. T. Maha Lakshmi participated in faculty development program on **Cloud Infrastructure (AWS)** organized by AICTE & Brain o vision Solutions India Pvt Ltd during 21<sup>st</sup> – 25<sup>th</sup> August, 2023.
- viii. Dr. B. Surya Prasada Rao participated in faculty development program on **Trends in Technological Intelligence 2023 (T2 I-2023)** organized by Babu Banarasi Das Northern India Institute of Technology, Lucknow during 21<sup>st</sup> – 25<sup>th</sup> August, 2023.
- ix. Dr. K. Ramanjaneyulu, Mr. M. Srinivasa Rao, Mrs.K. Anitha, Dr. B. Surya Prasada Rao, Dr. B. Samuyelu, Mr. T. Balaji, Mrs. V. Ratna Kumari, Mrs. D. Hareesha, Mrs. B. V. Subbayamma, Mrs. B. Swathi Lakshmi, Mr. K.Phani Rama Krishna, Dr. P. Venu Madhav, Mrs. L. Madhavi Devi, Dr. V. S.D.Rekha participated in faculty development program on **Neural Networks and Fuzzy Logic** organized PVP Siddhartha Institute of

Technology in Association with NITTTR, Chandigarh during 21<sup>st</sup> August – 1<sup>st</sup> September, 2023.

- x. Dr. A.Geetha Devi, Mrs. V. Ratna Kumari, Mrs. D. Hareesha, Mrs. B. V. Subbayamma participated in faculty development program on **Accreditation and Outcome Based Learning** organized by NPTEL during 21<sup>st</sup> August – 13<sup>th</sup> October, 2023.
- xi. Dr. K. Ramanjaneyulu, Mr. K.Phani Rama Krishna participated in a professional development program on **Outcome Based Education** organized by NITTTR Chennai in association with VRSEC, Vijayawada during 5<sup>th</sup> - 9<sup>th</sup> September, 2023.
- xii. Dr.Haji Habibulla MD participated in faculty development program on **Power System Design & Analysis using DIgSILENT PowerFactory Software** organized by DIgSILENT GmbH, Germany & M/s DELLSOFT Technologies Pvt. Ltd on 25<sup>th</sup> September, 2023.
- xiii. Dr. K. Ramanjaneyulu, Ms T. Sushma participated in faculty development program on **Marketing in Metaverse Era** organized by Entrepreneurship Development and Industrial Coordination Department, NITTTR, Chandigarh during 9<sup>th</sup> – 13<sup>th</sup> October, 2023.
- xiv. Dr. B. Surya Prasada Rao participated in faculty development program on **IoT's and Sensor Networks** organized by Electronics and Communication Engineering, NITTTR, Chandigarh during 9<sup>th</sup> – 13<sup>th</sup> October, 2023.
- xv. Mrs. K. Aruna kumari, participated in faculty development program on **Introduction to Artificial Intelligence** organized by G. Pulla Reddy Engineering College during 9<sup>th</sup> – 14<sup>th</sup> October, 2023.
- xvi. Mrs. K. Aruna kumari, participated in faculty development program on **Emerging Trends in VLSI Device, Circuit & System Design – A Practical Approach** organized by R. V. R. & J. C. College of Engineering during 9<sup>th</sup> – 11<sup>th</sup> November, 2023.



- xvii. Dr. A.Geetha Devi, Mrs. B. V. Subbayamma, participated in **Curriculum** workshop organized by Efftronics Pvt.Ltd. in association with IETE, Vijayawada, during 17<sup>th</sup> – 19<sup>th</sup> November, 2023.
- xviii. Dr. A.Geetha Devi, Dr. B. Surya Prasada Rao, Dr. V. S.D.Rekha, participated in faculty development program on **Recent Advancements in VLSI Design and Fabrication: From Theory to Practice** organized by Dept. of ECE, Dhanekula Institute of Engineering & Technology, Ganguru during 4<sup>th</sup> - 9<sup>th</sup> December, 2023.
- xix. Dr. T. Haritha, Dr. A.Geetha Devi, Ms T. Sushma, Dr. V. S.D.Rekha, Mrs. D Swathi, Mrs. Ch.Sri Lakshmi, Dr. T. Maha Lakshmi participated in AICTE faculty development program on **Novel Materials, Devices and Applications** organized by Dept of ECE, VRSEC, Vijayawada during 11<sup>th</sup> – 16<sup>th</sup> December, 2023.
- xx. Dr. B. Surya Prasada Rao, Dr. V. S.D.Rekha, Mrs. D Swathi participated in faculty development program on **Quantum Signal Processing** organized by IIC and IETE Vijayawada centre & Department of ECE, LBRCE during 14<sup>th</sup> – 20<sup>th</sup> December, 2023.



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

##### a) Scopus indexed journals:

- i. Dr. Habibulla Mohammad, Mr.K. Phani Rama Krishna, Dr.Ch Gangadhar published a paper entitled **Token Bucket Algorithm with Modernization Techniques to avoid Congestion in DEC Protocol of WSN** - International Journal of Electronics and Telecommunications, ISSN: 2081-8491; Vol:69; Issue:3 ; Page No: 507-513, July-2023. (Scopus)
- ii. Mrs.D Hareesha published a paper entitled **Improving Data Transmission by Efficient Communication Protocol to Control Wearable Sensors with Risk Level**

**Analysis in Smart E Health** - International Journal of Intelligent Systems and Applications in Engineering, ISSN: 2147- 6799; Vol: 11(9s); Page No: 317 - 329, July-2023. (Scopus)

- iii. Dr. T.Haritha published a paper entitled **Efficient employment of VCSEL light sources in high speed dispersion compensation system** - Journal of Optical Communications, ISSN: 2191-6322; Vol: **ONLINE**; September -2023. (Scopus)
- iv. Mr.K Phani Rama Krishna, 2. Habibulla Mohammad, 3. Ch Gangadhar, published a paper entitled **Congestion Detection and Mitigation Technique for Multi-Hop Communication in WSN** - International Journal on Recent and Innovation Trends in Computing and Communication, ISSN: 2321-8169, Volume: 11, issue: 8s, Page Numbers: 236-241, Aug-2023 (Scopus).
- v. Dr.J.Ravindrababu published a paper entitled **Current Challenges and Future Directions in Artificial Intelligence for Imaging Informatics** - Journal of Theoretical and Applied Information Technology, ISSN: 1992-8645; Vol:101; Issue:21; Page No: 6801-6809, November -2023. (Scopus)
- vi. Dr. B.Samuyelu published a paper entitled **Multi-objective hybrid optimization for micro strip patch antenna design** - Web Intelligence, ISSN: 2405-6456; Vol: 21; Issue: 4; Page No: 451-472, November -2023. (Scopus)
- vii. Mrs.D.Hareesha published a paper entitled **A novel multi-level clustering mechanism using heuristic approach for secure data transmission in WSN sector with various trust computation** - Intelligent Decision Technologies, ISSN: 1875-8843; Vol:17; Issue:4 ; Page No: 1417-1433, November -2023. (Scopus)
- viii. Dr. A. Geetha Devi published a paper entitled **Few-shot learning convolutional neural network for primitive indian paddy grain identification using 2D-DWT injection and grey wolf optimizer algorithm** - Journal of Agriculture and Food Research, ISSN: 2666-1543; Vol:15; Issue: 1; Page No:1-8, December -2023. (Scopus)

- ix. Dr. B.Surya Prasada Rao published a paper entitled **Saline Fluid Flow Supervision in Intensive Care Unit Using Precision Algorithm** - Journal of Theoretical and Applied Information Technology, ISSN: 1992-8645; Vol:101; Issue:23 ; Page No: 7769-7775, December -2023. (Scopus)

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

- i. Mrs.V.Ratna Kumari published a paper entitled **A Novel Optimized Deep Network for Ear Detection and Occlusion Analysis** - Wireless personal communications, ISSN: 1572-834X; Vol: 131; Issue: 3; Page No: 1721-1743, August-2023. (SCI)

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

**a) Patents:**

- i. Mr.M.Srinivasa Rao, Mrs.K.Anitha filed and published a patent - LOWER LIMB PROSTHETIC with the application no: 384552-001 on 25/08/2023 (**Granting Organization:** The patent office, Government of India).

**b) Reviewers of journals:**

- i. Dr.Ch.Subba Rao served as **Reviewer** for first IEEE International Conference on Data Science and Network Security (ICDSNS - 2023) organized by Kalpataeu Institute of Technology, Tiptur, during 28<sup>th</sup> – 29<sup>th</sup> July 2023.
- ii. Dr. K.Ramanjaneyulu served as **Reviewer** for first IEEE International Conference on Data Science and Network Security (ICDSNS - 2023) organized by Kalpataeu Institute of Technology, Tiptur, during 28<sup>th</sup> – 29<sup>th</sup> July 2023.
- iii. Dr J. Ravindra Babu served as **Reviewer** for a book on Image Processing Techniques for Medical Mammography Masses Detection Applications –BP International on 19<sup>th</sup> August, 2023.



- iv. Dr J. Ravindra Babu served as **Reviewer** for a book on Massive Data analysis IoT Perspective - BP International on 31<sup>st</sup> August, 2023.
- v. Dr J. Ravindra Babu served as **Reviewer** for Global Press Hub – Asian Journal of pure and applied Mathematic on 31<sup>st</sup> August, 2023.
- vi. Dr. K. Ramanjaneyulu contributing as **Reviewer** for AICTE sponsored IEEE International conference on Networks, Multimedia and Information Technology organized by Nitte Meenakshi Institute of Technology, Bengaluru 1<sup>st</sup> – 2<sup>nd</sup> September 2023.
- vii. Dr. K. Ramanjaneyulu contributing as **Reviewer** for 5<sup>th</sup> International conference on Artificial Intelligence in Engineering & Technology held at the Pacific Sutera Hotel, Sabah during 12<sup>th</sup> – 14<sup>th</sup> September 2023.
- viii. Dr J.Ravindrababu served as **Reviewer** for B P International on 7<sup>th</sup> November, 2023.
- ix. Dr J.Ravindrababu served as **Reviewer** for Asian Journal of Research in Computer Science on 26<sup>th</sup> December, 2023.
- x. Mrs L.Madhavi Devi Attended to **Chairing the Session** titled TS 06: Computational Intelligence in the 4<sup>th</sup> International Conference on Computational Intelligence (ICICI 2023) held during 04<sup>th</sup> & 05<sup>th</sup> November, 2023.
- xi. Mrs L.Madhavi Devi served as **Program Committee member and Reviewer** in 3<sup>rd</sup> International Conference on Intelligent Vision and Computing (ICIVC 2023) held during 25<sup>th</sup> – 26<sup>th</sup> November, 2023.
- xii. Mrs L.Madhavi Devi served as **Technical Program Committee member and Reviewer** in Congress on Smart Computing Technologies (CSCT 2023) held during 2<sup>nd</sup> - 3<sup>rd</sup> December, 2023.

**c) MOOCs/COURESERA courses completed by the faculty:**

- i. 17 faculty members certified in NPTEL online course on **Accreditation and Outcome Based Learning** conducted by IIT Kharagpur during June- December 2023. Exam was conducted in the month of October 2023. Following are the certified faculty.

S.No	Name of The Faculty	Score	Certificate Type
1	Dr Ravindra Babu	64	Elite
2	Dr Haritha Thotakura	73	Elite
3	Chekka Gangadhar	80	Elite+Silver
4	Dr A Geetha Devi	90	Elite+Gold
5	Surya Prasada Rao Borra	80	Elite+Silver
6	Hareesha Dandamudi	78	Elite+Silver
7	Ratna Kumari Vemuri	84	Elite+Silver
8	Bhimineni Venkata Subbayamma	84	Elite+Silver
9	Swati Lakshmi Boppana	71	Elite
10	Kuruganti Phani Rama Krishna	76	Elite+Silver
11	Ashok Babu Ane	64	Elite
12	Dr P Venu Madhav	55	Successfully Completed
13	Dr V S D Rekha	82	Elite+Silver
14	Madhavi Devi Lanka	54	Successfully Completed
15	Swathi Dasi	91	Elite+Gold
16	Sri Lakshmi Chandana	72	Elite
17	Dr T Mahalakshmi	90	Elite+Gold

#### d) Others:

- i. Dr. P. Venumadhav acted as a judge for screening the student **NCSC presentation**, 31<sup>st</sup> National Science Congress – Cluster (District) level exhibition on 26.09.2023 at Kendriya Vidyalaya No.1 SN puram, Vijayawada – 1.
- ii. Dr. T. Haritha attended as a **Member for Department Academic Committee (ECE)** at RVRJC on 27.09.2023.
- iii. Dr.C. Subba Rao attended Strengthening the **Research and Digital Education Ecosystem**: Elsevier Paving, The Way at Elsevier Connect Seminar organized by Researcher Academy (ELSEIVER) on 31<sup>st</sup> October, 2023.

#### 6. Industrial Visits:

- i. Organized Industrial visit to **Dr. Narla Tata Rao Thermal Power Station, Vijayawada** for II ECE students on 4<sup>th</sup> (Sec1) & 6<sup>th</sup> (Sec2) November, 2023.





## 7. Students' achievements:

### a) Co-curricular Activities:

#### Certification Courses:

- i. 111 students of III B.Tech completed the Certification Course in **JAVA** through **Spoken Tutorials** offered by IIT Bombay in the month of October, 2023. No. of registered students 122.
- ii. 117 students of III B.Tech completed the Certification Course in **Python 3.4.3** through **Spoken Tutorials** offered by IIT Bombay in the month of October, 2023. No. of registered students 125.
- iii. **NPTEL Online Certification Course** was conducted by Various III's during June-December 2023. Exam was conducted in the month of September and October 2023. Following are the details of IV, III & II B.Tech certified students.

S.No	Reg No.	Name of The Student	Year of study	Name of The Course Registered	Score	Certificate Type
1	21501A04C5	V. Sowjanya	III	Big Data Computing	63%	Elite
2	21501A0445	Gssp Karthik	III	C Based VLSI	44%	Successfully Completed
3	22501A04C3	Bala Siva Sai Satyanarayana Uddagiri	II	C Programming and Assembly Language	46%	Successfully Completed
4	23505A0408	Meduri Jahnavi	II		44%	Successfully Completed
5	21501A0403	Akkipalli Vasavya	III	Digital Circuits	60%	Elite
6	21501A0408	Arigela Sivaram	III		75%	Elite + Silver
7	21501A0424	Ch.Gurubabu	III		68%	Elite
8	21501A0452	Kareti Sri Krishna	III		54%	Successfully Completed
9	21501A0454	Kavilikatta Varsha	III		61%	Elite
10	21501A0464	Kovuri Sai	III		61%	Elite
11	22505A0407	Parasa Thapaswi	III		58%	Successfully

						Completed
12	22505A0409	Sivaratri Narayana Swami	III		63%	Elite
13	21501A0410	Bande Manoj	III		71%	Elite
14	21501A0414	Bhagavathula Lakshmi Venkata Sarvani	III		71%	Elite
15	21501A0442	G.J.S.L.Phanindra	III		77%	Elite + Silver
16	21501A0455	Kavyasri Kanaka	III		58%	Successfully Completed
17	21501A0474	Mandala Jahnvi	III		62%	Elite
18	21501A04A0	P V N S Surya Priya	III		63%	Elite
19	21501A0485	Muvvala Haritha	III		58%	Successfully Completed
20	22501A04B2	Anand	II		56%	Successfully Completed
21	21501A04A3	Rajulapati Puneetha	III		57%	Successfully Completed
22	22501A0468	Kommukuri Charan	II		45%	Successfully Completed
23	22501A04A0	Pamarthi Vaishnavi	II		56%	Successfully Completed
24	22501A04C7	Manasa Vanukuru	II		52%	Successfully Completed
25	21501A04B4	Talluri Divya Naga Durga	III		57%	Successfully Completed
26	20501A0495	Rompellisantoshkumar	IV	Google Cloud Computing Foundations	75%	Elite + Silver
27	20501A04A8	Thollikonda Esther Rani	IV	Hardware Modelling Using Verilog	66%	Elite
28	20501A04C6	Yadavalli Omkar	IV	Introduction To Machine Learning	68%	Elite
29	21505A0401	Sri Khyathi	IV	Introduction To Internet of Things	72%	Elite
30	21501A0488	N.Bhovaneswari	III	Modern Digital Communication Techniques	56%	Successfully Completed
31	21501A04D0	Y Chamundeswari	III	Problem Solving Through Programming In C	62%	Elite
32	21501A04B0	Shaik Saleem	III	Programming In Java	56%	Successfully Completed
33	21501A04A2	P Vivek Raj Manoj	III		57%	Successfully Completed

34	21501A0469	Bharath Narasimha Rao Madakam	III		54%	Successfully Completed
35	21501A0493	Palle Srinivasareddy	III		67%	Elite
36	22501A0461	Kodali Praneetha	II	Psychology Of Everyday	60%	Elite
37	22501A0452	Kandikonda Anisha	II		51%	Successfully Completed
38	21501A0477	Mediboyina Praveen Kumar	III	Sensor Technologies: Physics Fabrication And Circuits	68%	Elite
39	22501A0461	Kodali Praneetha	II	Stress Management	80%	Elite + Silver
40	20501A04B7	Vanga Ganesh Sai Kartheek	IV	VLSI Design Flow RTL to GDS	88%	Elite + Silver
41	22505A0406	Ogirala Bindu Madhavi	III		55%	Successfully Completed





## Internships attended by students:

### III B. Tech Internships up to December

#### Section1:

			Phase-1			Phase-2		
Sl.No.	Regd. No.	Name of the Student	4 week Internship at (Location)	From	To	4 week Internship at (Location)	From	To
1	21501A0401	Abdul Namathunnisa	APGENCO Training Institute, Dr. NTTPS, Ibrahimpatnam, Krishna District	12.6.2023	22.07.2023	Sense Semiconductor and IT Solutions, Pvt. Ltd, Mangalagiri	01.08.2023	30.09.2023
2	21501A0402	Abdul Rezwana	Bharat Heavy Electricals Limited (BHEL Hyderabad)	14.06.2023	13.07.2023	Brain O Vision	20.09.2023	19.10.2023
3	21501A0403	Akkipalli Vasavya	Doordarshan, Vijayawada	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
4	21501A0404	Alakunta Venkateswara Rao	South Central Railway Womens Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
5	21501A0405	Allam Sai Kalyan	Doordarshan, Vijayawada	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
6	21501A0406	Ananthula Sai Ram Swaroop	Doordarshan, Vijayawada	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023

7	21501A0407	Angirekula Sowmya Chandrika	Bharat Heavy Electricals Limited (BHEL Hyderabad)	15.06.2023	14.07.2023	Brain O Vision	20.09.2023	19.10.2023
8	21501A0408	Arigela Siva Ram	Physitech Electronics, Hyderabad	14.06.2023	13.8.23	----	----	----
9	21501A0409	Avula Harshitha	Bharat Heavy Electricals Limited (BHEL Hyderabad)	15.06.2023	14.7.23	Brain O Vision	20.09.2023	19.10.2023
10	21501A0410	Bande Manoj	Physitech Electronics, Hyderabad	14.06.2023	13.8.23	----	----	----
11	21501A0411	Bathula Kavya Sri	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
12	21501A0412	Bejawada Nikhitha	Doordarshan, Vijayawada	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
13	21501A0413	Bejjam Tejaswi	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
14	21501A0414	Bhagavathula Lakshmi Venkata Sarvani	APGENCO Training Institute, Dr. NTTPS, Ibrahimapatnam, Krishna District	12.06.2023	22.07.2023	Entuple Technologies	27.09.2023	25.10.2023
15	21501A0415	Bhavisetti Girish	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
16	21501A0416	Boddapati Gopi Mallikharjun	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
17	21501A0417	Bogala Shanmukh Sai	Doordarshan, Vijayawada	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023

18	21501A0418	Bokka Suseel Kumar Abhinav	South Central Railway Women's Welfare organization, Vijayawada	12.6.23	12.8.23	----	----	----
19	21501A0419	Bommareddy Neelima	Doordarshan, Vijayawada	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
20	21501A0420	Bontha Akash	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
21	21501A0421	Borra Nandini	Doordarshan, Vijayawada	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
22	21501A0422	Boyapati Keerthana	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
23	21501A0423	Budala Praveen Kumar	APGENCO Training Institute, Dr. NTTPS, Ibrahimapatnam, Krishna District	12.06.2023	22.07.2023	Brain O Vision	20.09.2023	19.10.2023
24	21501A0424	Chathala Guru Babu	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
25	21501A0425	Cheekatla Nimshi Noel Christi	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	22.07.2023	Brain O Vision	20.09.2023	19.10.2023
26	21501A0426	Chennu Likhith Kumar	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
27	21501A0427	Chikkam Sri Raj	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----



28	21501A0428	Chilakalapudi Harish Sai	Sense Semiconductor and IT Solutions, Mangalagiri	12.06.2023	13.07.2023	Pantech e Learning Pvt., Ltd.,	06.08.2023	06.09.2023
29	21501A0429	Chinta Prasanna Lakshmi	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
30	21501A0430	Darmarao Hemanth	Doordarshan, Vijayawada	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
31	21501A0431	Dasari Sreenadh	APGENCO Training Institute, Dr. NTTPS, Ibrahimapatnam, Krishna District	12.06.2023	22.07.2023	Brain O Vision	20.09.2023	19.10.2023
32	21501A0432	Dhannana Vasu	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
33	21501A0433	Eede Surya Vamsi Krishna	APGENCO Training Institute, Dr. NTTPS, Ibrahimapatnam, Krishna District	12.06.2023	22.07.2023	Brain O Vision	20.09.2023	19.10.2023
34	21501A0434	Gaddam Veera Babu	Doordarshan, Vijayawada	12.06.2023	07.07.23	Brain O Vision	20.09.2023	19.10.2023
35	21501A0435	Galanki Havya	Bharat Heavy Electricals Limited (BHEL Hyderabad)	14.06.2023	13.07.2023	Sense Semiconductor and IT Solutions, Mangalagiri	01.08.2023	30.09.2023
36	21501A0437	Gandreti Jayanth	Sense Semiconductor and IT Solutions, Mangalagiri	12.06.2023	13.07.23	Sense Semiconductor and IT Solutions,	01.08.2023	30.09.2023

						Mangalagiri		
37	21501A0438	Ganji Madhuri	Bharat Heavy Electricals Limited (BHEL Hyderabad)	15.06.2023	14.07.2023	Sense Semiconductor and IT Solutions, Mangalagiri	01.08.2023	30.09.2023
38	21501A0439	Gopu Chandra Sekhar	Sense Semiconductor and IT Solutions, Mangalagiri	12.06.2023	13.07.23	Sense Semiconductor and IT Solutions, Mangalagiri	01.08.2023	30.09.2023
39	21501A0440	Goriparthi Amrutha	Sense Semiconductor and IT Solutions, Mangalagiri	12.06.2023	13.07.23	Sense Semiconductor and IT Solutions, Mangalagiri	01.08.2023	30.09.2023
40	21501A0441	Goriparthi Preethi	Bharat Heavy Electricals Limited (BHEL Hyderabad)	15.06.2023	14.07.2023	Brain O Vision	20.09.2023	19.10.2023
41	21501A0442	Gudiseva Jogi Sai Lakshmana Phanindra	Bharat Electronics Limited (BEL), Machilipatnam	12.06.2023	08.07.2023	Brain O Vision	20.09.2023	19.10.2023
42	21501A0443	Gummadidala Ajay Kumar	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.20.23	----	----	----
43	21501A0444	Guniganti Pradeep Sai Lakshman	Doordarshan, Vijayawada	12.06.2023	07.07.23	Brain O Vision	20.09.2023	19.10.2023
44	21501A0445	Gunti Sai Ram Surya Pavan Karthik	Sense Semiconductor and IT Solutions, Mangalagiri	12.06.2023	13.07.23	Sense Semiconductor	01.08.2023	30.09.2023

						and IT Solutions, Mangalagiri		
45	21501A0446	Jalluri Teja Venkata Saimohan Vijay Rajesh	Sense Semiconductor and IT Solutions, Mangalagiri	12.06.2023	13.07.23	Pantech e Learning Pvt., Ltd.,	06.08.2023	06.09.2023
46	21501A0447	Jeeri Geetha	Bharat Heavy Electricals Limited (BHEL Hyderabad)	15.06.2023	14.07.2023	Brain O Vision	20.09.2023	19.10.2023
47	21501A0448	Jeya Vardhini Battu	Doordarshan, Vijayawada	12.06.2023	07.07.23	Brain O Vision	20.09.2023	19.10.2023
48	21501A0449	Kaki Dhavan Sai	Doordarshan, Vijayawada	12.06.2023	07.07.23	Brain O Vision	20.09.2023	19.10.2023
49	21501A0450	Kandi Ravana	Omniwyse Technologies Pvt. Ltd., Hyderabad	14.06.2023	13.07.23	Brain O Vision	20.09.2023	19.10.2023
50	21501A0451	Kandula Naga Praveen	Physitech Electronics, Hyderabad	14.06.2023	13.08.2023	----	----	----
51	21501A0452	Kareti Sri Krishna	Physitech Electronics, Hyderabad	14.06.2023	13.08.2023	----	----	----
52	21501A0453	Kasani Greeshma Prasudha	APGENCO Training Institute, Dr. NTTPS, Ibrahimapatnam, Krishna District	12.06.2023	22.07.2023	Brain O Vision	20.09.2023	19.10.2023
53	21501A0454	Kavilikatta Varsha	APGENCO Training Institute, Dr. NTTPS, Ibrahimapatnam, Krishna District	12.06.2023	22.07.2023	Brain O Vision	20.09.2023	19.10.2023



54	21501A0455	Kavyasri Kanaka	APGENCO Training Institute, Dr. NTPS, Ibrahimapatnam, Krishna District	12.06.2023	22.07.2023	Brain O Vision	20.09.2023	19.10.2023
55	21501A0456	Kilaru Ramya Durga	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
56	21501A0457	Kolakaluri Parvathi Supreeth	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
57	21501A0458	Kollabattina Sneha Latha	Bharat Heavy Electricals Limited (BHEL Hyderabad)	15.06.2023	14.07.2023	Brain O Vision	20.09.2023	19.10.2023
58	21501A0459	Konakala Satya Narayana Swami	Sense Semiconductor and IT Solutions, Mangalagiri	12.06.2023	13.07.2023	Sense Semiconductor and IT Solutions, Mangalagiri	01.08.2023	30.09.2023
59	21501A0460	Koneru Manoj Krishna	APGENCO Training Institute, Dr. NTPS, Ibrahimapatnam, Krishna District	14.06.2023	12.07.2023	Brain O Vision	20.09.2023	19.10.2023
60	21501A0461	Korsa Bhagya Sri	Doordarshan, Vijayawada	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
61	21501A0462	Kotturu Bhavani	Doordarshan, Vijayawada	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
62	21501A0463	Kovelamudi Charan Teja	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----

63	21501A0464	Kovuri Sai	Sense Semiconductor and IT Solutions, Mangalagiri	12.06.2023	13.07.2023	Sense Semiconductor and IT Solutions, Mangalagiri	01.08.2023	30.09.2023
64	21501A0465	Kumbha Eswara Rao	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
65	21501A0466	Kunapareddy Hemanth	APGENCO Training Institute, Dr. NTTPS, Ibrahimapatnam, Krishna District	12.06.2023	22.07.2023	Brain O Vision	20.09.2023	19.10.2023
66	22505A0401	Dagani Sushma	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
67	22505A0402	Guttula Jnana Teja	Bharat Electronics Limited (BEL), Hyderabad	June 2023	July 2023	----	----	----
68	22505A0403	Koduru Pavan Aditya	APGENCO Training Institute, Dr. NTTPS, Ibrahimapatnam, Krishna District	12.06.2023	22.07.2023	Brain O Vision	20.09.2023	19.10.2023
69	22505A0405	Matta Harshitha	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Skill Dzire	20.09.2023	20.10.2023
70	22505A0406	Ogirala Bindu Madhavi	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Sense Semiconductor and IT Solutions, Mangalagiri	16.08.2023	15.10.2023

## Section 2:

			Phase-1			Phase-2		
Sl.No.	Regd. No.	Name of the Student	4 week Internship at	From	To	4 week Internship at	From	To
1	21501A0467	Kundeti Jaya Ram	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
2	21501A0468	Lukka Tirumala Sai	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
3	21501A0469	Madakam Bharath Narasimha Rao	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
4	21501A0470	Maddasani Maheswari	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
5	21501A0471	Madivada Bhavana	Bharat Heavy Electricals Limited (BHEL Hyderabad)	14.06.2023	13.07.2023	Brain O Vision	20.09.2023	19.10.2023
6	21501A0473	Magati Naga Mani Kanta	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
7	21501A0474	Mandala Jahnvi	Omniwyse Technologies Pvt. Ltd., Hyderabad	14.06.2023	13.07.2023	Sense Semiconductor and IT Solutions, Mangalagiri	16.08.2023	15.10.2023

8	21501A0475	Marri Baji Babu	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
9	21501A0476	Mediboyeena Saritha	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
10	21501A0477	Mediboyina Praveen Kumar	All India Radio (AIR), Vijayawada	19.06.2023	14.07.2023	Brain O Vision	20.09.2023	19.10.2023
11	21501A0478	Mendala Roshini	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
12	21501A0479	Mendu Kula Shekar	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
13	21501A0480	Merugu Levanth Kumar	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
14	21501A0481	Mikkili Sathwik	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
15	21501A0482	Mohammad Ameen Shoaib	APGENCO Training Institute, Dr. NTTPS, Ibrahimapatnam, Krishna District	14.06.2023	12.07.2023	Brain O Vision	20.09.2023	19.10.2023
16	21501A0483	Mohammad Sohail	All India Radio (AIR), Vijayawada	19.06.2023	14.07.2023	Brain O Vision	20.09.2023	19.10.2023
17	21501A0484	Morla Manasa	Bharat Heavy Electricals Limited (BHEL Hyderabad)	14.06.2023	13.07.2023	Brain O Vision	20.09.2023	19.10.2023
18	21501A0485	Muvvala Haritha	IIT Ropar, Punjab	13.06.2023	12.08.2023	----	----	----



19	21501A0486	Nakka Sravya	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
20	21501A0487	Nammi Chaitanya	All India Radio (AIR), Vijayawada	19.06.2023	14.07.2023	Brain O Vision	20.09.2023	19.10.2023
21	21501A0488	Nangireddy Bhovaneswari	Bharat Electronics Limited (BEL), Machilipatnam	12.06.2023	08.07.2023	Brain O Vision	20.09.2023	19.10.2023
22	21501A0489	Neelapu Jagadeesh	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
23	21501A0490	Nimmagadda Pallavi	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
24	21501A0491	Odugu Gayathri	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
25	21501A0492	Pabbisetty Renuka Lakshmi Tanuja	APGENCO Training Institute, Dr. NTTPS, Ibrahimapatnam, Krishna District	14.06.2023	14.07.2023	Brain O Vision	20.09.2023	19.10.2023
26	21501A0493	Palle Srinivasa Reddy	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
27	21501A0495	Pasupuleti Lokeswari Bhavani	Omniwyse Technologies Pvt. Ltd., Hyderabad	14.06.2023	13.07.2023	Brain O Vision	20.09.2023	19.10.2023
28	21501A0496	Peyyala Akash Babu	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----

29	21501A0497	Pilla Chandu	Doordarshan, Vijayawada	12.06.2023	07.07.2023	Brain O Vision	07.08.2023	10.10.2023
30	21501A0498	Poluru Saul Reynodar	All India Radio (AIR), Vijayawada	19.06.2023	14.07.2023	Brain O Vision	20.09.2023	19.10.2023
31	21501A0499	Ponnuru Durga Anupama	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
32	21501A04A0	Pulavarthi Veena Naga Sri Surya Priya	IIT Ropar, Punjab	13.06.2023	12.08.2023	----	----	----
33	21501A04A1	Putla Sanjana	Bharat Heavy Electricals Limited (BHEL Hyderabad)	14.06.2023	13.07.2023	Brain O Vision	20.09.2023	19.10.2023
34	21501A04A2	Putta Vivek Raj Manoj	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
35	21501A04A3	Rajulapati Puneetha	IIT Ropar, Punjab	13.06.2023	12.08.2023	----	----	----
36	21501A04A4	Rallapudi Gopi Chand	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
37	21501A04A5	Ravva Himaja Mythri	Bharat Heavy Electricals Limited (BHEL Hyderabad)	14.06.2023	13.07.2023	Brain O Vision	20.09.2023	19.10.2023
38	21501A04A6	Salapati Akhila	Bharat Electronics Limited (BEL), Machilipatnam	22.06.2023	21.07.2023	INTERNSHALA	15.08.2023	26.09.2023
39	21501A04A7	Sayed Shabeena Begum	Doordarshan, Vijayawada	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
40	21501A04A8	Shaik Arifa	Omniwyse Technologies Pvt. Ltd., Hyderabad	14.06.2023	13.07.2023	Brain O Vision	20.09.2023	19.10.2023

41	21501A04A9	Shaik Chinthapalli Fareed Baba	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Internshala (VLSI design)	16.08.2023	27.09.2023
42	21501A04B0	Shaik Saleem	Omniwyse Technologies Pvt. Ltd., Hyderabad	14.06.2023	13.07.2023	Brain O Vision	20.09.2023	19.10.2023
43	21501A04B1	Shaik Shanvaz Basha	Omniwyse Technologies Pvt. Ltd., Hyderabad	14.06.2023	13.07.2023	Brain O Vision	20.09.2023	19.10.2023
44	21501A04B2	Shaik Sultan Basha	Airports Authority of India (AAI), Gannavaram	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
45	21501A04B3	Tadapaneni Maruthi Bharath	Doordarshan, Vijayawada	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
46	21501A04B4	Talluri Divya Naga Durga	IIT Ropar, Punjab	13.06.2023	12.08.2023	----	----	----
47	21501A04B5	Tata Naga Sai Karthik Babu	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
48	21501A04B6	Teegala Venkata Appala Siva Parvathi	Visishta Technologies, Guntur	12.06.2023	14.08.2023	----	----	----
49	21501A04B7	Thiriveedhi Evangilin	Omniwyse Technologies Pvt. Ltd., Hyderabad	14.06.2023	13.07.2023	motioncut	15.09.2023	15.10.2023
50	21501A04B8	Thota Veera Venkata Durga Prasad	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
51	21501A04B9	Tirumalasetti Pranith	Omniwyse Technologies Pvt. Ltd., Hyderabad	14.06.2023	13.07.2023	Brain O Vision	20.09.2023	19.10.2023
52	21501A04C0	Tupakula Anusha	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----

53	21501A04C1	Turlapati Mani Chandra Avinash	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
54	21501A04C2	Ustulumuri Chandra Sekhar Reddy	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
55	21501A04C3	Varagani Hari Mani Kumar	APGENCO Training Institute, Dr. NTPS, Ibrahimapatnam, Krishna District	12.06.2023	22.07.2023	Brain O Vision	20.09.2023	19.10.2023
56	21501A04C4	Velisela Sanjay Kumar	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
57	21501A04C5	Vemula Sowjanya	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
58	21501A04C6	Vulli Aakanksha	Bharat Electronics Limited (BEL), Machilipatnam	23.06.2023	22.07.2023	Brain O Vision	20.09.2023	19.10.2023
59	21501A04C7	Yannamu Sanjana Deepthi	Bharat Electronics Limited (BEL), Machilipatnam	23.06.2023	22.07.2023	Brain O Vision	20.09.2023	19.10.2023
60	21501A04C8	Yarra Usha Kiran	Doordarshan, Vijayawada	12.06.2023	07.07.2023	Brain O Vision	20.09.2023	19.10.2023
61	21501A04C9	Yasin Ahmad	Bharat Electronics Limited (BEL), Machilipatnam	12.06.2023	11.07.2023	Brain O Vision	20.09.2023	19.10.2023



62	21501A04D0	Yekula Chamundeswari	Bharat Electronics Limited (BEL), Machilipatnam	12.06.2023	08.07.2023	Brain O Vision	20.09.2023	19.10.2023
63	22505A0407	Parasa Thapaswi	Bharat Heavy Electricals Limited (BHEL Hyderabad)	15.06.2023	14.07.2023	Sense Semiconductor and IT Solutions, Mangalagiri	16.08.2023	15.10.2023
64	22505A0408	Pilli Mahadev	Sense Semiconductor and IT Solutions, Mangalagiri	12.06.2023	13.07.2023	Motion cut	05.10.2023	05.11.2023
65	22505A0409	Sivarathri Narayana Swami	Bharat Electronics Limited (BEL), Hyderabad	June 2023	July 2023	----	----	----
66	22505A0410	Tatiparthi Sowjanya	APGENCO Training Institute, Dr. NTTPS, Ibrahimapatnam, Krishna District	12.06.2023	22.07.2023	Motion cut	15.09.2023	15.10.2023
67	22505A0411	Vasamsetti Venkat Vardhan Babu	South Central Railway Women's Welfare organization, Vijayawada	12.06.2023	12.08.2023	----	----	----
68	22505A0412	Yalakala Jasmine	Sense Semiconductor and IT Solutions, Mangalagiri	12.06.2023	13.07.2023	Motion cut	05.10.2023	05.11.2023
69	22505A0413	Yallanki Ashok	Bharat Electronics Limited (BEL), Hyderabad	June 2023	July 2023	----	----	----

#### IV B. Tech Internships up to December

S.No	Roll No	Name	Internship company	Duration
1	20501A0401	Abdul Ayesha	Entuple Technologies	16.06.2023 to 28.07.2023
2	20501A0402	Abhinaya Deepa J	Brain O Vision	19.06.2023 to 17.08.2023
3	20501A0403	Addepalli Bharat	Brain O Vision	13.06.2023 to 14.08.2023
4	20501A0404	Agolu Venkata Sai Kiran	Brain O Vision	19.06.2023 to 17.08.2023
5	20501A0405	Alaparthi Akash	Brain O Vision	19.06.2023 to 17.08.2023
6	20501A0406	A.N.V.S.Akshaya	Entuple Technologies	16.06.2023 to 28.07.2023
7	20501A0407	Aluri Dinesh	Brain O Vision	19.06.2023 to 17.08.2023
8	20501A0408	A.Hima Surya Teja	Brain O Vision	19.06.2023 to 17.08.2023
9	20501A0409	A.D S S L Tejaswini	Brain O Vision	19.06.2023 to 17.08.2023
10	20501A0410	Banavathu Kishore	Brain O Vision	13.06.2023 to 14.08.2023
11	20501A0411	Banda Navyasri	Entuple Technologies	16.06.2023 to 28.07.2023
12	20501A0412	Battina Puja Madhuri	Entuple Technologies	16.06.2023 to 28.07.2023
13	20501A0413	Battina Rammohan	Brain O Vision	13.06.2023 to 14.08.2023
14	20501A0414	B Siva Naga Sai	Entuple Technologies	16.06.2023 to 28.07.2023
15	20501A0415	B. S. V.Harshith Reddy	Brain O Vision	19.06.2023 to 17.08.2023
16	20501A0416	B. Chandu	Entuple Technologies	16.06.2023 to 28.07.2023
17	20501A0417	Ch. S. Sarath Chandra	Brain O Vision	19.06.2023 to 17.08.2023
18	20501A0418	Ch.Teja Sri	Entuple Technologies	16.06.2023 to 28.07.2023
19	20501A0419	Chennuru Sai Sobhan	Brain O Vision	19.06.2023 to 17.08.2023
20	20501A0420	Ch. Dhruva Chandra	Entuple Technologies	16.06.2023 to 28.07.2023
21	20501A0421	Ch. Gagan Nag	Brain O Vision	13.06.2023 to 14.08.2023
22	20501A0422	D.Sai Revanth	Entuple Technologies	16.06.2023 to 28.07.2023
23	20501A0423	Dasari Dwijit	Brain O Vision	19.06.2023 to 17.08.2023
24	20501A0424	D.Devika	Entuple Technologies	16.06.2023 to 28.07.2023
25	20501A0425	Bhargavi Divi	Entuple Technologies	16.06.2023 to 28.07.2023
26	20501A0426	Dokka Indu Priya	Brain O Vision	13.06.2023 to 17.08.2023
27	20501A0427	Dondapati Tanmai	Entuple Technologies	16.06.2023 to 28.07.2023
28	20501A0428	Donepudi Jahnavi	Brain O Vision	19.06.2023 to 17.08.2023
29	20501A0429	G. Tejeswararao	Brain O Vision	19.06.2023 to 17.08.2023
30	20501A0430	Goli Revanth	Brain O Vision	19.06.2023 to 17.08.2023
31	20501A0431	Golla Kamaraju	Brain O Vision	19.06.2023 to 17.08.2023
32	20501A0432	G. Chakradhara Naidu	Brain O Vision	19.06.2023 to 17.08.2023
33	20501A0433	G. Amala Rama Konda	Entuple Technologies	16.06.2023 to 28.07.2023
34	20501A0434	Gunuru Bhaskar	Brain O Vision	19.06.2023 to 17.08.2023
35	20501A0435	Jai Aashish Sammeta	Entuple Technologies	16.06.2023 to 28.07.2023

36	20501A0436	J. T. Ramya Krishna	Entuple Technologies	16.06.2023 to 28.07.2023
37	20501A0437	Kadiyala Navatej	Brain O Vision	19.06.2023 to 17.08.2023
38	20501A0438	Kagita Deepti Sri	Brain O Vision	13.06.2023 to 17.08.2023
39	20501A0439	K Dharani Supraja	Entuple Technologies	16.06.2023 to 28.07.2023
40	20501A0440	Kancharla Ramya	Entuple Technologies	16.06.2023 to 28.07.2023
41	20501A0441	K.Gagan Sai Kowshik	Brain O Vision	19.06.2023 to 17.08.2023
42	20501A0442	K.Hemasri	Entuple Technologies	16.06.2023 to 28.07.2023
43	20501A0443	Karnati Revanth	Brain O Vision	19.06.2023 to 17.08.2023
44	20501A0444	Kolli Anvitha	Brain O Vision	13.06.2023 to 17.08.2023
45	20501A0445	K. Veda Sri Varshini	Brain O Vision	19.06.2023 to 17.08.2023
46	20501A0446	Kolluru Harshitha	Brain O Vision	19.06.2023 to 17.08.2023
47	20501A0447	Konda Kundana	Entuple Technologies	16.06.2023 to 28.07.2023
48	20501A0448	K. Divya Naga Durga	Entuple Technologies	16.06.2023 to 28.07.2023
49	20501A0449	Ravali Priya Kosuri	Entuple Technologies	16.06.2023 to 28.07.2023
50	20501A0450	Kotum Abhishek	Entuple Technologies	16.06.2023 to 28.07.2023
51	20501A0451	K. Reshmapavani	Brain O Vision	19.06.2023 to 17.08.2023
52	20501A0452	Kukkamalla Sanjana	Brain O Vision	19.06.2023 to 17.08.2023
53	20501A0453	Lalitha Vangavolu	Brain O Vision	19.06.2023 to 17.08.2023
54	20501A0454	Lanke Harshitha	Entuple Technologies	16.06.2023 to 28.07.2023
55	20501A0455	Maddipatla Jayatha	Brain O Vision	19.06.2023 to 17.08.2023
56	20501A0456	Madu Kesav	Brain O Vision	19.06.2023 to 17.08.2023
57	20501A0457	Majji Gokul Sai	Brain O Vision	19.06.2023 to 17.08.2023
58	20501A0458	M. Manvitha Naga Siri	Entuple Technologies	16.06.2023 to 28.07.2023
59	20501A0459	M Isaac Srihas	Brain O Vision	19.06.2023 to 17.08.2023
60	20501A0460	Mandavilli Sai Subhash	Entuple Technologies	16.06.2023 to 28.07.2023
61	20501A0461	Maradani Uma Sri	Brain O Vision	19.06.2023 to 17.08.2023
62	20501A0462	Matti Gaganasindhu	Brain O Vision	19.06.2023 to 17.08.2023
63	20501A0463	Meda Tanmayi	Entuple Technologies	16.06.2023 to 28.07.2023
64	20501A0464	Mendu Vinay	Entuple Technologies	16.06.2023 to 28.07.2023
65	20501A0465	Md abeer Shareef	Brain O Vision	19.06.2023 to 17.08.2023
66	20501A0467	M. Tejaswini	Brain O Vision	19.06.2023 to 17.08.2023
67	20501A0468	Murari Sai Kiran	Brain O Vision	19.06.2023 to 17.08.2023
68	20501A0469	Naga Sreeja A	Entuple Technologies	16.06.2023 to 28.07.2023
69	20501A0470	N. Lakshmi Gayathri	BRAINOVISION	19.06.2023 to 17.08.2023
70	20501A0471	Nalamala Sai Jyothi	Entuple Technologies	16.06.2023 to 28.07.2023
71	20501A0472	N. D. D. V. Krishnavamsi	Entuple Technologies	16.06.2023 to 28.07.2023
72	20501A0473	Pabolu Venkata Dinesh	Brain O Vision	20.07.2023 to 23.08.2023

<b>73</b>	20501A0474	Palaparthi Anil	Brain O Vision	19.06.2023 to 17.08.2023
<b>74</b>	20501A0475	Pallagani Dinesh Babu	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>75</b>	20501A0476	P Vamsi Sridevi	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>76</b>	20501A0477	P. Ravi Kishor Reddy	Brain O Vision	19.06.2023 to 17.08.2023
<b>77</b>	20501A0478	Pavuluri Sai Goutham	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>78</b>	20501A0479	Peddibhotla Satya	Brain O Vision	13.06.2023 to 17.08.2023
<b>79</b>	20501A0480	Penumudi Kousalya	Brain O Vision	13.06.2023 to 17.08.2023
<b>80</b>	20501A0481	Peta Asha	Brain O Vision	19.06.2023 to 17.08.2023
<b>81</b>	20501A0482	Podili Sri Maheswari	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>82</b>	20501A0483	Potluri Siva Ram	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>83</b>	20501A0484	Pranavi Sri Narapareddy	Brain O Vision	19.06.2023 to 17.08.2023
<b>84</b>	20501A0485	Prathipati Raju	Brain O Vision	19.06.2023 to 17.08.2023
<b>85</b>	20501A0486	P. V. Naga Siva Gowtham	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>86</b>	20501A0487	P.Swathi Naga Manikanta	Brain O Vision	19.06.2023 to 17.08.2023
<b>87</b>	20501A0488	Rabia Kousar	Brain O Vision	13.06.2023 to 17.08.2023
<b>88</b>	20501A0489	Rajesh Puligeti	Brain O Vision	19.06.2023 to 17.08.2023
<b>89</b>	20501A0490	Rajulapati Pradeep	Brain O Vision	19.06.2023 to 17.08.2023
<b>90</b>	20501A0491	R. Venkata Naga Sai	Brain O Vision	19.06.2023 to 17.08.2023
<b>91</b>	20501A0492	Ravada Anil Kumar	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>92</b>	20501A0493	R. Anil Kumar	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>93</b>	20501A0494	Reddy Shanmukha	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>94</b>	20501A0495	Rompelli Santosh Kumar	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>95</b>	20501A0496	Rugvedam. Padma Sri	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>96</b>	20501A0497	Sai Likhit Nuvvala	Brain O Vision	19.06.2023 to 17.08.2023
<b>97</b>	20501A0498	Saripalli Pujitha Bhavani	Brain O Vision	13.06.2023 to 17.08.2023
<b>98</b>	20501A0499	Savaram Satish	Brain O Vision	19.06.2023 to 17.08.2023
<b>99</b>	20501A04A0	Sayana Mahesh Sai	Brain O Vision	19.06.2023 to 17.08.2023
<b>100</b>	20501A04A1	Shaik Arshiya	Brain O Vision	19.06.2023 to 17.08.2023
<b>101</b>	20501A04A2	Shaik Firoj	Brain O Vision	19.06.2023 to 17.08.2023
<b>102</b>	20501A04A3	Sonti Sweekar	Brain O Vision	19.06.2023 to 17.08.2023
<b>103</b>	20501A04A4	Suravarapu Sai Krishna	Brain O Vision	19.06.2023 to 17.08.2023
<b>104</b>	20501A04A5	Tekimudi Sai Venkat	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>105</b>	20501A04A6	Tharugu Meghana	Brain O Vision	19.06.2023 to 17.08.2023
<b>106</b>	20501A04A7	Thatithuri Lalitha	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>107</b>	20501A04A8	Thollikonda Esther Rani	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>108</b>	20501A04A9	T.Mohana Iswarya	Brain O Vision	19.06.2023 to 17.08.2023
<b>109</b>	20501A04B0	Unguturi Niharika	SKILL DZIRE	10.05.2023 to 15.07.2023



<b>110</b>	20501A04B1	Uppala Sai Gowtham	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>111</b>	20501A04B2	Utlapalli Meghana	Brain O Vision	19.06.2023 to 17.08.2023
<b>112</b>	20501A04B3	V V Satya Bharathi	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>113</b>	20501A04B4	Vadlamudi Sangeetha	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>114</b>	20501A04B5	Valadasu Pallavi	Brain O Vision	19.06.2023 to 17.08.2023
<b>115</b>	20501A04B6	Vamsi Sai Krishna G	Brain O Vision	19.06.2023 to 17.08.2023
<b>116</b>	20501A04B7	V. Ganesh Sai Kartheek	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>117</b>	20501A04B8	V.Kousic Naren Sai	Brain O Vision	19.06.2023 to 17.08.2023
<b>118</b>	20501A04B9	V. Venkata Rao	Brain O Vision	19.06.2023 to 17.08.2023
<b>119</b>	20501A04C0	Vatturi Prasanna Ganesh	Brain O Vision	19.06.2023 to 17.08.2023
<b>120</b>	20501A04C1	V V S S L. Narasimha	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>121</b>	20501A04C2	Vellanki Swathi Sree	Brain O Vision	13.06.2023 to 17.08.2023
<b>122</b>	20501A04C3	Vemu.S.V.S.S.Anandamai	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>123</b>	20501A04C4	Venkata Sai Cherukuru	Brain O Vision	19.06.2023 to 17.08.2023
<b>124</b>	20501A04C5	Vucha Ushaswini	Brain O Vision	13.06.2023 to 17.08.2023
<b>125</b>	20501A04C6	Yadavalli Omkar	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>126</b>	20501A04C7	Yarlagadda Sai Pranathi	Brain O Vision	13.06.2023 to 17.08.2023
<b>127</b>	21505A0401	Ambadipudi Sri Khyathi	Brain O Vision	19.06.2023 to 17.08.2023
<b>128</b>	21505A0402	Prabhu Shankar A	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>129</b>	21505A0403	Chintalacheruvu Nandini	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>130</b>	21505A0404	Devireddy Giri	Brain O Vision	19.06.2023 to 17.08.2023
<b>131</b>	21505A0405	Juttiga Sasidhar	Brain O Vision	19.06.2023 to 17.08.2023
<b>132</b>	21505A0406	Kampasati Maneesha	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>133</b>	21505A0407	K.Naga Sai	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>134</b>	21505A0408	Manikonda Trivarnika	Brain O Vision	19.06.2023 to 17.08.2023
<b>135</b>	21505A0409	Mohammed Naseer Baig	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>136</b>	21505A0410	MD Shahid Afridhi	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>137</b>	21505A0411	Shaik Hussain bee	SKILL DZIRE	10.05.2023 to 15.07.2023
<b>138</b>	21505A0412	Sunkara Naga Devi	Brain O Vision	19.06.2023 to 17.08.2023
<b>139</b>	21505A0413	Vadaparthi Sravani	SKILL DZIRE	10.05.2023 to 15.07.2023

**c) Extra-curricular Activities:**

- i. Ms. Rugvedam Padma Sri of IV ECE has been certified in the field of Music and Art By Continuous professional Development (CPD), American Merit Council

A.Y:2023-24							
S.No	Reg No.	Name of The Student	Year of Study	Name of The Institute	Paper/Poster/Project Contest Held On /At)	Title Of The Paper/Poster/Project	Prize Won
1.	21501A0449	K.Dhavan Sai	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	I Prize
2.	21501A0405	A.Sai Kalyan	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	II Prize
3.	21501A04D0	Y.Chamundeswari	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	III Prize
4.	22505A0406	O.Bindu Madhavi	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	III Prize
5.	21501A0410	B.Manoj	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	III Prize
6.	21501A0461	K.Bhagya Sri	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
7.	21501A0406	A.Sai Ram Swaroop	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
8.	21501A0462	K.Bhavani	III	Gora Science Centre,	8.8.2023	Essay Writing	Participation

				Benzcircle, Vijayawada			
9.	21501A04A3	R.Puneeth	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
10.	21501A04B4	T.Divya	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
11.	21501A04A9	Sk.Fareedbaba	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
12.	21501A04B0	Sk.Saleem	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
13.	21501A04C6	V.Aakanksha	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
14.	22505A0411	V.V Vardhan Babu	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
15.	21501A0476	M.Saritha	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
16.	21501A0471	M.Bhavana	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
17.	21501A04A0	P.Priya	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
18.	21501A0485	M.Haritha	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation

19.	21501A0486	M.Sravya	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
20.	21501A0491	O.Gayatri	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
21.	21501A04C7	Y.Sanjana	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
22.	21501A0495	P.Lokeshwari	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
23.	21501A0497	P.Chandu	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
24.	21501A0498	P.Soulreynodar	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
25.	21501A0474	M.Jahnavi	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
26.	21501A04A2	P.Vivek	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
27.	21501A0493	P.Srinivasa Reddy	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
28.	21501A0469	M.Bharath	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
29.	21501A0467	K.Jayaram	III	Gora Science Centre, Benzcircle,	8.8.2023	Essay Writing	Participation



				Vijayawada			
30.	21501A0477	M.Praveen Kumar	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
31.		R.Padma Sri	IV	American Merit Council	2709.2023	Music And Art	Certified



## 8. Higher Education

Students qualified in GATE/IELTS/GRE/TOEFL and other competitive Examinations:

Sl. No.	Reg. No. of the Student	Name of the Student	Year of Study	Name of the Competitive Exam	Score	Date
1	20501A0412	B. Puja Madhuri	IV	GRE	296	19.9.2023
2			IV	IELTS	7.5	18.11.2023
3	20501A0437	K.Navatej	IV	GRE	307	19.9.2023
4			IV	IELTS	7.5	18.11.2023
5	20501A0444	K. Anvitha	IV	IELTS	6	2.12.2023

## 9. MOUs Signed

- Memorandum of Understanding with **Brainovision Solutions Pvt. Ltd.**, Hyderabad from 26.05.2023 to 25.05.2026.
- Memorandum of Understanding with **E-world, Software Development Center, South Central Railway Womens Welfare Organisation**, Vijayawada from 01. 07. 2023 to 30.06.2025.
- Memorandum of Understanding with **Capricot Technologies Private Limited, Bengaluru** from 20.10.2023 to 19.10.2026.
- Memorandum of Understanding with **Smart DV Technologies India Private Limited, Bengaluru** from 24.11.2023.

## 10. Students Contribution



“In the tapestry of nature, mountains stand as majestic sentinels, their peaks reaching for the heavens. Roads, like intricate threads, weave through valleys and ascend to the heights, creating a symphony of adventure and awe. In the embrace of mountainous scenery, every curve of the road tells a story, and every vista is a chapter in the grand novel of the journey.”

K.V.N.S.G. Sasank  
(22501A0469)





Ch Prem  
(22501A0422)



I am a dreamer  
My thoughts are higher  
Cheerful moments I deal  
Cause the tremors of excitement I feel  
Hateful words I shun  
Regrets I have none  
Still I am a dreamer  
And my thoughts get higher

I might be a dreamer  
But I could still be stronger  
Like an eagle soaring in the sky  
I break my bounds and fly  
Deepest of the waters I swim  
Weakness appears very dim  
Still I am a dreamer  
And my thoughts get higher



I could forever be a dreamer  
But I will cry never  
For I see light even in the darkest of times  
And I could find smiles even in the saddest of times  
Though situations are abysmal  
My thoughts are never dismal  
For I am always a dreamer  
And my thoughts are higher.

K.Praneetha  
(22501A0461)

## INTERNET OF THINGS

Internet of Things (IOT) is all about connecting everyday objects to the internet. It allows devices to communicate and share data with each other. Advancements in technology and widespread use of the internet have paved the way for the growth of IOT.

The main idea behind IOT is to enhance our daily lives by connecting and making them more efficient and convenient. It has evolved very large over this year's. It has wide range of devices and applications, from smart homes and wearable devices to industrial sensors, baby monitors and autonomous vehicles.

Going deeper, I observed it has many applications in various sectors. For example, in smart homes, we can control lights, thermostats, and security systems with our smart phones. In healthcare, IOT devices can monitor patient's vital signs and provide remote healthcare services. Industries have also embraced IOT for smart manufacturing, optimizing processes, and predictive maintenance. Transportation has seen the rise of connected cars and intelligent traffic management systems. Agriculture has benefited from IOT based solutions for precision farming and irrigation management. Even cities are becoming smarter with IOT enabled infrastructure for efficient energy management and waste management.



IOT faces challenges such as security vulnerabilities, privacy issues, and the need for standardized protocols. Interoperability among diverse devices, data overload, and potential for system breaches are ongoing concerns and the IOT landscape. For every technology, there will be some advantages and disadvantages. Advantages of IOT include increased efficiency, improved decision-making through data in sights, and enhanced convenience.

For every technology, there will be some advantages and disadvantages. Advantages of IOT include increased efficiency, improved decision-making through data in sights, and enhanced convenience.

Disadvantages include security vulnerabilities leading to potential breaches, privacy issues due to extensive data collection, and the complexity of managing diverse devices and standards. There is a concern about job displacement as automation increases.



To sum up, the internet of things holds great potential for transforming our world, offering efficiency, insights, and convenience. Yet, it demands careful attention to security, privacy, and standardization to overcome the challenges and ensure a balanced integration that maximizes its benefits. The evolution of IOT requires a collaborative effort to create a connected future that is both innovative and secure.

G. Amrutha  
(21501A0440)

## Industrial Visit Highlights

Dr. Narla Tata Rao Thermal Power Station (Vijayawada Thermal Power Station) is a unique one in the country, numerous facilities provided for easy operation and maintenance. Vijayawada Thermal Power Station is linked to Singareni Collieries Company Limited (S.C.C.L.) for supply of coal.

We observed Control unit in VTPS, Boiler section, Coal Dump yard, Coal Pulverization Process, Chimney and Electrical Power Generation procedure from plant.

### Journey and Experience

We went to Dr. Narla Tata Rao Thermal Power Station (VTPS), Ibrahimpatnam, Vijayawada as a part of our Industrial visit. The power plant one of the coal-based power plants of APGENCO. It is well placed between Ibrahimpatnam and Kondapalli villages.

At first, we landed at **APGENCO** office and then they taught us basic information about infrastructure of Thermal Power Station and explained about each and every instrument on how to use it and what are the necessary precautions need to be taken while doing each and every process until half day. After lunch, they took us to power generating station at which power is generated and the produced power is distributed to whole Andhra Pradesh. After going to power station, they gave each one a helmet for the protection in Power plant. They divided us into 6 sub groups and each sub group is allocated with some experienced guide. First they have shown us coal unloading process. After that coal is processed into fine powder, it is heated at 1400 degrees. This burned coal gives fuel gas, this gas heats the water and produces steam and this steam runs the turbine and this turbine produces power.

During power generation process they taught us what instruments are used to measure and preventive measures to be taken. After power generation they distributed the power with the help of power grids. In this manner the power is generated

Studies and Observations during Thermal Power Plant visit:

- Coal handling plant- Train Tippler, Crushing, Storage & Pulverization.
- Turbine- High Pressure - Intermediate Pressure -Low Pressure.
- Generator- Measurements and controls.
- Condenser-Feed Pump-Cooling Tower.

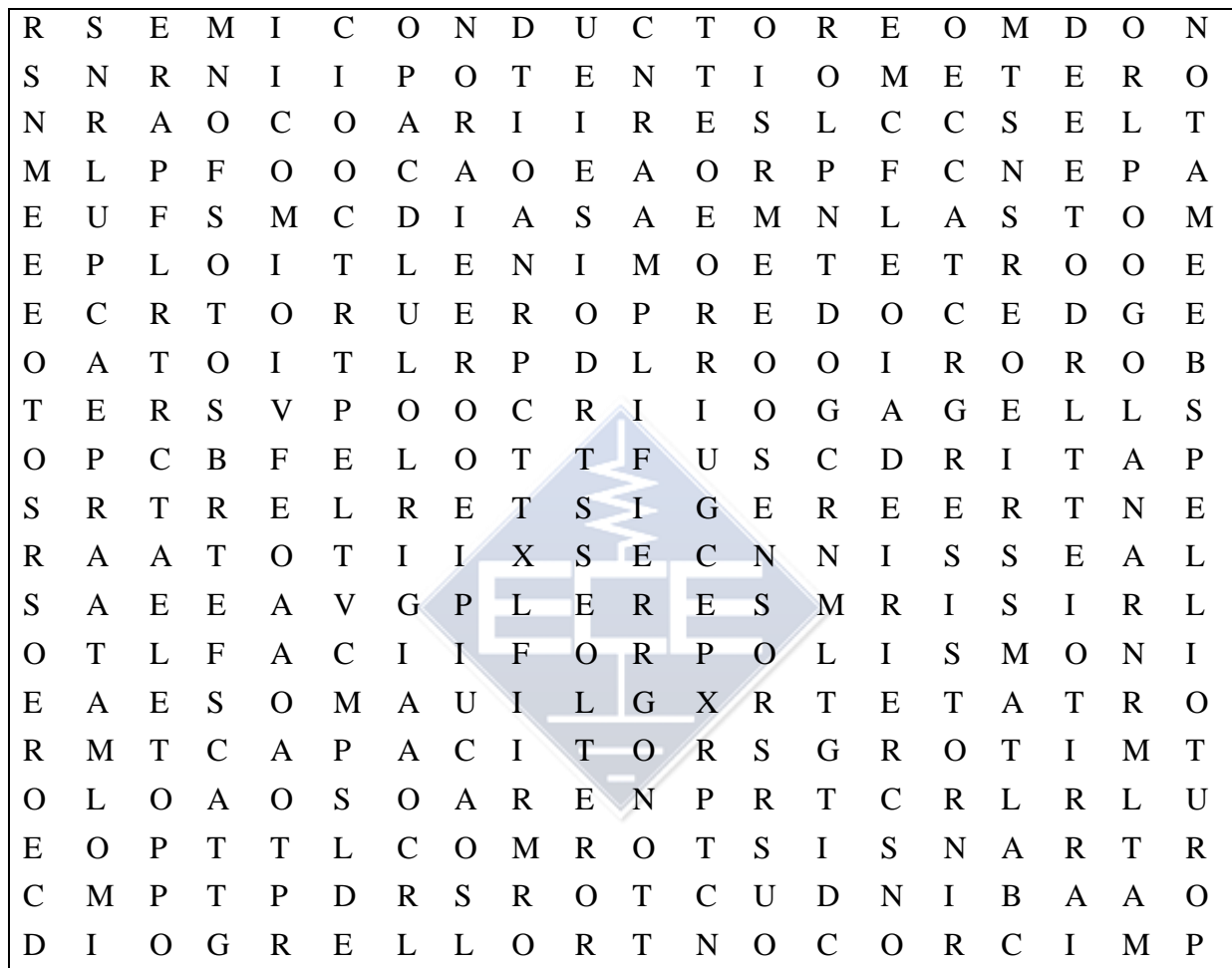
Finally, we all found great experience and learned so many things and We all wondered about the working process of electricity generation and feeling gratitude among all the guides who are guided to us about the power plant in detailed manner.

AB.Vahidunnisa  
22501A0401



## ***ELECTRONICS WORD SEARCH***

Can you find the words hidden in the puzzle?



<b>DIGITAL</b>	<b>ANALOG</b>	<b>FLIPFLOP</b>	<b>DECODER</b>
<b>REGISTER</b>	<b>SENSORS</b>	<b>AMPLIFIER</b>	<b>TRANSISTOR</b>
<b>MICROCONTROLLER</b>	<b>MULTIPLEXER</b>	<b>VERILOG</b>	<b>SEMICONDUCTOR</b>
<b>MATLAB</b>	<b>ENCODER</b>	<b>PROCESSOR</b>	<b>ROM</b>
<b>CAPACITOR</b>	<b>RESISTOR</b>	<b>INDUCTOR</b>	<b>POTENTIOMETER</b>

