NEWSLETTER

ESTD.   2021

Department of ECE

ELECTROCOMM-IN-VISION

Department of Electronics and Communication Engineering

Quarterly News Bulletin

July - September 2022

Vision

A resource centre of academic excellence for imparting technical education with high pattern of discipline through dedicated staff which shall set global standards, making National and International students technologically superior and ethically strong, who in turn shall improve the quality of life.

Mission

- To provide quality education in the domain of Electronics and Communication Engineering through effective learner centric process.
- To provide industry specific best of breed laboratory facilities beyond curriculum to promote diverse collaborative research for meeting the changing industrial and societal needs.

Quality Policy

- Impart up-to-date knowledge in the students' chosen fields to make them quality engineers.
- Make the students experience the applications on quality equipment and tools.
- Provide quality environment and services to all stakeholders.
- Provide systems, resources and opportunities for continuous improvement.
- Maintain global standards in education, training and services.

Head of the Department

It's my honour to welcome you all to the July-Sept 2022 Edition of our department, Electronic and Communication Engineering's newsletter. Just like always, these pages highlight the talent, passion, dedication and knowledge of our students and faculty.

This period has seen the addition of new faculty members who bring fresh expertise and perspectives, further strengthening our academic team. Our students have demonstrated remarkable achievements in various academic competitions, reflecting their dedication and hard work.

Our faculty have been active in delivering impactful guest lectures and participating in significant conferences, contributing to the broader academic community. Additionally, various events and training programs have been organized to enhance the academic and professional growth of our students.

We remain committed to supporting our faculty and students in their pursuit of excellence and innovation and help contribute in whatever way we can to the society and advancement of technology.

Dr. S. Rajendra Prasad

Education is the passport to the future, for tomorrow belongs to those who prepare for it today." - Malcolm X

ECE,VNRVJIET

Faculty Updates

Ms.A.Pravalika

Mr.Ch. Anil Kumar

- **Ms. A. Pravalika** joined the department as **Assistant Professor** on 14th July 2022.
- **Mr.Ch. Anil Kumar** joined the department as **Assistant Professor** on 1st September 2022.

Whizz-Kids

Following are the toppers from I B.Tech. I Semester (A.Y. 2021-2022)

Class	Student Name	Roll Number	SGPA
ECE-A	K. Nainika	21071A0439	9.39
	M. Naga Sree Lekha	21071A0435	9.24
ECE-B	P. Sravya Geethika	21071A04B0	9.24
	Paramjoth Singh	21071A04B1	9.10
ECE-C	C.M. Tithi	21071A04J7	9.39
	M. Tejaswi	21071A04G6	9.28
ECE-D	P. Srinija	21071A04Q9	9.33
	C. Saiteja	21071A04M7	9.2

"The function of education is to teach one to think intensively and to think critically. Intelligence plus character - that is the goal of true education." - Martin Luther King Jr.

Awards & Recognitions

• **K. Keerti** (21075A0410), **A. Ramya** (20071A0463) and **V. Anirudh Rao** (20071A04B9) secured **1st Place** for the **Quiz competition** "**Rudiments of Antennas**" conducted by IEEE MTTS VNRVJIET SB on 28th September 2022.

• **K. Swetha** (21075A0415), **K. Pravallika** (20071A04E4), and **S. Nikhitha** (21075A0417) secured **2nd Place** for the **Quiz competition** "**Rudiments of Antennas**" conducted by IEEE MTTS VNRVJIET SB on 28th September 2022.

K. Swetha, K. Pravallika & S. Nikhitha receiving 2nd prize for Quiz competition

"Education is not the filling of a pail, but the lighting of a fire." - William Butler Yeats

Guest Lectures Delivered

- **Mr. D. Ramesh**, Assistant Professor delivered a **Lecture** on the topic "**Developing Winning Research Proposals**" organized by Research & Consultancy Centre (RCC), VNRVJIET from 08th to 12th August 2022.

- **Mr. D. Ramesh**, Assistant Professor delivered a **session** on "**IoT Applications in Industries using ESP 32 Microcontroller** "as one of the expert speaker in the one-week Training on "Internet of Things" for Women Scientists from 29th August to 02nd September 2022 sponsored by DST, Ministry of Science and Technology, Government of India organized by the Engineering Staff College of India, Hyderabad on 31st August 2022.

- **Dr.S. Rajendra Prasad**, Professor & Head served as a **Session Chair** in 1st International Conference on Cyber Physical System and Assistive Technologies 2022 (**CCPSAT2022**) organized by KG Reddy College of Engineering and Technology, Hyderabad on 23rd & 24th September 2022.

- **Dr. R. Sravanth Kumar,** Assistant Professor delivered a **session** on "**Behavior Monitoring through BCI for Medical Applications**" as one of the Speaker in 1st International Conference on Cyber Physical Systems and Assistive Technologies 2022 (**CCPSAT2022**) organized by KG Reddy College of Engineering and Technology, Hyderabad on 23rd & 24th September 2022.

Events Organized

- An **Awareness Session for the Selection of Electives** was conducted for all II B. Tech students for the upcoming III B. Tech first semester subjects of the Academic Year 2022–2023 on 02nd July 2022.

- **Guest Lecture** on " **Sahaja Yoga**" by **Mr. Sourabh** was conducted on 03rd & 04th August 2022 for 1st B Tech ECE students.

- **Panel Discussion** with parents on "**Exploring the Horizons of ECE**" for clarifying their doubts regarding admissions conducted on 17th August 2022. **Special Guests Mr. Rithin & Mr. M. Suresh** shared their experience in the Electronics and Communication Engineering domain.

Panel discussion on "Exploring the Horizons of ECE"

"The roots of education are bitter, but the fruit is sweet."

- Aristotle

- **Webinar** on "**GATE Level Core Training Program – 2022**" by **Mr. P. Siva Rama Krishna**, Un Academy Subject Expertise was conducted on 07th September 2022 for III B.Tech. students.

GATE Level Core Training Program – 2022by Mr.P. Siva Rama Krishna

GATE Level Core Training Program – 2022 by Dr. S. Rajendra Prasad

GATE Level Core Training Program – 2022 by Mr. Ch. Ganesh

- **Seminar** on "**GATE Level Core Training Program – 2022**" by **Dr. S. Rajendra Prasad**, Professor & Head, **Mr. Ch. Ganesh**, Assistant Professor & **Mr. E. Vijaya Babu**, Assistant Professor on 08th September 2022 for III B.Tech. students.

- **Interactive session** by **Dr. K. Narasimha Rao**, Professor from B.M.S. Engineering College, Bangalore with students as part of mock NBA visit on 05th September 2022.

GATE Level Core Training Program – 2022 by Mr. E. Vijaya Babu

Interactive session by Dr K Narasimha Rao

FDP on 'IoT & ML for Social Relevant Applications'

- **FDP** on "**IoT & ML for Social Relevant Applications**" in collaboration with Dept. of ECE and Center for Continuing Education, NIT Warangal, from 22nd to 27th September 2022.

- **Guest Lecture** on "**About Abroad Studies**" by **Mr. Kamal Bhushan**, Founder of Study Abroad7, Hyderabad on 28th September 2022 for III B.Tech. students.

Guest Lecture on "About Abroad Studies" by Mr.Kamal Bhushan

Events Attended

- **Mr. SK. Sharif**, Associate Professor attended FDP on "**Curriculum Development Insight of NEP 2020**" organized by E & ICT Academy IIIT DM, Jabalpur from 08th to 19th July 2022.

- **Ms. D. Kanthi Sudha**, Assistant Professor attended the **webinar** on '**Enabling Integrated Circuit Technologies for Next generation Satcom Internet connectivity**' organized by IEEE Hyderabad section on 09th July 2022.

- **Mr. SK. Sharif**, Associate Professor attended one-day **National Level Seminar** on "**Digital Transformation under NEP 2020**" organized by IQAC, BMS College of Engineering, Bangalore on 15th July 2022.

"Education is not preparation for life; education is life itself."
- John Dewey

- **Mr. E. Vijaya Babu**, Assistant Professor attended **FDP** on "**Internet of Things: A gateway to smart future**" organized by Department of IOT, Gudlavalleru Engineering College, Gudlavalleru in association with IETE, Vijayawada centre from 18th to 23rd July 2022.

- **Ms. D. Kanthi Sudha**, Assistant Professor attended a **webinar** on '**Education 5.0- Scaling up the value chain-transforming from Education 4.0 to 5.0**' organized by Assocham India on 20th July 2022

- **Ms. M. Bhagya Lakshmi** attended the **FDP** on "**Recent Innovation in Antennas and RF Frontend Systems for 5G**" jointly organized by the Department of Electronics and Communication Engineering, CBIT Hyderabad, and ARK Info Solutions Pvt. Ltd from 28th to 30th July 2022.

- **Ms. G. Ramya**, Assistant Professor attended **FDP** on "**5G & B5G Wireless Technologies with MATLAB**" organized by Practice Electronics & ICT Academy, PDPM IIITDM Jabalpur 25th July 2022 to 5th August 2022.

- **Dr. S. Rajendra Prasad**, Professor & Head and Ms. **Y. Manasa**, Assistant Professor, attended the **Skill Development Program** on "**Global Navigation Satellite Systems**" organized by Indian Institute of Information Technology Design and Manufacturing (IIITDM), Kurnool from 25th to 29th July 2022.

- **Ms. D. Kanthi Sudha**, Assistant Professor attended the **certification program** conducted by AICTE in collaboration with Tech Avant Garde (TAG) in Hybrid Learning for the modules: '**Enable student success with blended learning solutions in Higher education**' and 'Teach forward: Best strategies for hybrid, remote and blended learning' on 30th July 2022.

- **Mr. S.K Sharif**, Associate Professor, **Dr. D Santhosh Kumar**, Assistant Professor, **Dr. Ch Naga Deepa**, Assistant Professor, **Dr Pradeep Kumar**, Assistant Professor & **Ms. K. Manasa**, Assistant Professor attended **Virtual workshop** on "**Designing and Modelling of IoT, AI & ML Systems**", co-organised by AICTE, Arm Education, STMicroelectronics, with support from Microsoft and NIELIT Calicut from 01st to 05th August 2022.

- **Dr. Pradeep Kumar**, Assistant Professor attended a **workshop** on "**Developing Winning Research Proposals**" conducted by the RCC, VNRVJIET from 08th to 12th August 2022.

- **Ms. A. Pravalika**, Assistant Professor attended **FDP** on "**AI & Machine Learning for Bio-Metric recognition**" under E & ICT Academy, NIT Warangal from 16th to 23rd August 2022

- **Dr. Pradeep Kumar**, Assistant Professor attended a **workshop** on "**Writing and Publishing a Paper in Highly Indexed Journal and Writing Research Proposal**" organized by CSE, VNRVJIET on 18th August 2022.

- **Dr. Pradeep Kumar,** Assistant Professor, attended a **research talk** on "**Methodology of Research Presentation**" delivered by **Dr. Kethan Detroja**, Associate Professor, Electrical Engineering, IIT Hyderabad, organized by the department of EIE, ECE, and EEE on 22nd August 2022.

- **Md. Abdul Rouhan Rahil** (20071A0439) successfully completed the **course** on "**Complete Python Developer in 2022: Zero to Mastery**" offered by Udemy on 17th July 2022.

- **Aishwarya** (20071A0402) successfully completed the **course** "**Learn Python & Ethical Hacking from Scratch**" offered by Udemy on 18th July 2022.

- **G. Jeevana Sai** (20071A0476) successfully completed the "**Machine Learning**" **training program** offered by Acmegrade in partnership with MOOD INDIGO, IIT Bombay from 12th August 2022 to 12th September 2022.

"Education is the ability to listen to almost anything without losing your temper or your self-confidence." - Robert Frost

- **P. Harika** (20071A04P6) and **S. Shyamala** (20071A04P7) successfully cleared the **assessment for the skill** "**Python (Basic)**" offered by HackerRank on 24th September 2022.
- **K. Sri Harshavardhan** (20071A0434) successfully completed the **course** on "**C Programming For Beginners- Master the C language**" offered by Udemy on 27th September 2022.
- **D. Dharun** (20071A04D2) participated in a **Quiz Competition** on "**Rudiments of Antennas**" conducted by IEEE MTTS VNRJIET SB on 28th September 2022.

Training, Internships and Placements

Training

- II Year and III year B.Tech. students were trained in Concepts of Analog Circuits, Circuit Theory, Electronic Devices and Competitive Coding Skills.

S.No	Particulars of the event	Beneficiaries
1	GATE Level Core Training Program on " Concepts of Analog Circuits" by Mr. Satyanarayana, Faculty, ACE Academy on 03rd & 07th July 2022.	II B.Tech. students
2	GATE Level Core Training Program on " Basics of BJT" by Mr. Satyanarayana, Faculty, ACE Academy on 06th& 08th July 2022.	II B.Tech. students
3	GATE Level Core Training Program on " Basics of Circuit Theory" by Mr. Satyanarayana, Faculty, ACE Academy on 09th, 11th & 15th July 2022.	II B.Tech. students
4	GATE Level Core Training Program on " Concepts of Diodes, Designing of Clipper & Clamper Circuits" by Mr. Satyanarayana, Faculty, ACE Academy on 06th, 17th, 22nd,24th & 28th July 2022.	II B.Tech. students
5	Training Program on "Competitive Coding Skills" by Smart Interview Teams on 26th August 2022, 02nd,09th, 23rd & 30th September 2022.	III B.Tech. students

"The only true wisdom is in knowing you know nothing."
- Socrates

Internship

S.No.	Roll Number	Name of the Student	Year & Section	Name of the company providing Internship	Duration
1	19071A0413	G. Sai Akanksha	IV-ECE-1	Synopsys	08-08-2022 to 07-08-2023
2	19071A04B2	S. Jitesh Nath	IV-ECE-2	Synopsys	08-08-2022 to 07-08-2023
3	19071A04D3	D. Vijay Sai	IV-ECE-3	IIT Hyderabad	08-08-2022 to 07-08-2023
4	19071A04G4	P. Aditya	IV-ECE-3	Synopsys	08-08-2022 to 07-08-2023
5	19071A04G9	S. Surabhi	IV-ECE-3	IIT Hyderabad	08-08-2022 to 07-08-2023
6	20075A0407	T. Sravan	IV-ECE-1	Synopsys	18-08-2022 to 17-08-2023
7	19071A04F2	M. V. S. Vinay	IV-ECE-3	Synopsys	18-08-2022 to 17-08-2023
8	19071A04M1	K. Srujana	IV-ECE-4	VALSOC Semiconductor Pvt. Ltd.	29-08-2022 to 29-12-2022
9	19071A04Q1	S. Sneha	IV-ECE-4	Chubb Business Services India Pvt. Ltd.	29-08-2022 to 31-05-2023
10	19071A04Q3	S. Avinash	IV-ECE-4	VALSOC Semiconductor Pvt. Ltd.	29-08-2022 to 29-12-2022
11	20075A0419	T. Meenkashi	IV-ECE-3	Chubb Business Services India Pvt. Ltd.	29-08-2022 to 31-05-2023
12	19071A04N9	P. Venkata Jaswanth	IV-ECE-4	Bitsilica	06-09-2022 to 05-12-2022

Professional Society Activities

List of funds sanctioned from IEEE

S.No.	Event Name	Year	Amount sanctioned (in $)
1.	2022 IEEE women in Engineering International Leadership Summit (WIE) at Hyderabad		1500
2.	IEEE WIE ILS 2022 (Region 10 WIE Special Fund)	26th and 27thAugust 2022	400
3.	For Support of WIE ILS 2022 IEEE Humanitarian Activities Committee (HAC)		2000
4.	For Support of WIE ILS 2022 IEEE Computer Society		2000

"Education is the movement from darkness to light."
- Allan Bloom

5.	IEEE SPS Student Branch Chapter Initiative on Latest Trends in Machine Learning for Signal Processing Applications	10th to 12th August 2022	5000
6.	2021 IEEE Nano Technology Council Support Grant for Student Branch Chapters	2nd November 2021	1000
7.	2021 IEEE SPS Cycle 2 School on "Recent advances in artificial intelligence for Signal Processing"	28th - 31st Dec. 2021	3000
8.	2020 IEEE SPS Summer School on Internet of Things for Biomedical and Healthcare Applications	28th - 31st Dec. 2020	5000

- In addition to the rebate received from IEEE from every year IEEE SPS Student Branch Chapter Initiative on Latest Trends in Machine Learning for Signal Processing Applications is being organized by VNRVJIET& IIIT Hyderabad in association with SPS & WIE AG IEEE Hyderabad Section from 10th - 12th August, 2022.

PhD Awarded

- **Mr. Pradeep Kumar**, Assistant Professor successfully completed the **Ph.D. viva-voce** titled "**Deep Learning Based Multi-Modal Computer- Aided Diagnostic System For Breast Cancer Detection and Localization from Breast Medical Images**" at National Institute of Technology Patna under the guidance of **Dr. Subodh Srivastava**, Assistant Professor, ECE, NIT Patna and under the Co-supervision of Dr. Y. Padma Sai, Professor, ECE, VNR VJIET Hyderabad on 23rd July 2022.
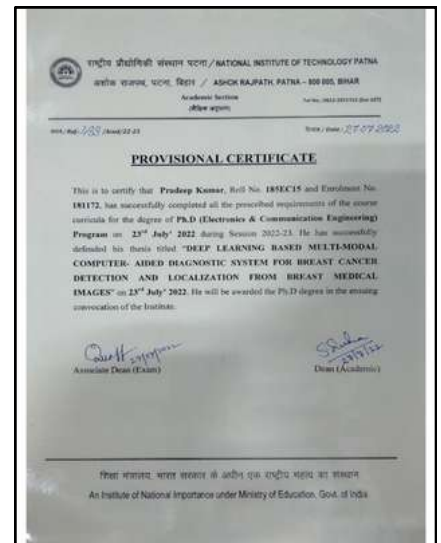
Ms. K. B. Archana on her online Ph.D. viva-voce

- **Ms. K. B. Archana**, Senior Assistant Professor successfully completed the **Ph.D. viva-voce** titled "**Enhanced QoE Prediction of Video over wireless Networks: A case study towards Optimal Learning of QoS parameters**" at Jawarlal Nehru Technological University Hyderabad under the guidance of **Dr. Subhash Kulakrni**, Professor and Principal PESIT Bangalore South campus, Bangalore on 26th August 2022.

- **Mr. G. Vijaya Kumar**, Assistant Professor successfully completed the Ph.D. viva-voce titled "**Analysis and Detection of Disorders of Humans in Sleep Stages**" from Jawaharlal Nehru Technological University Kakinada under the guidance of **Dr. Y. Padma Sai**, Professor, ECE, VNRVJIET and the Co-Supervision of **Dr. K. Padma Raju**, Professor, ECE, JNTUK on 05th September 2022.

Mr. G. Vijaya Kumar on his Ph.D. viva-voce

"Education is not a tool for development - individual, community and the nation. It is the foundation for our future. It is empowerment to make choices and emboldens the youth to chase their dreams"
- Nita Ambani

Research and Development Activities

Project Submitted

- **Dr. Y. Chalapathi Rao,** Associate Professor, and **Dr. P Kishore,** Associate Professor, have submitted a research proposal to **SERB SURE.** The title of the project is '**Design and Development of AI and IoT based intelligent toilet with seat height adjustment**' on 21th September 2022. Project cost: Rs. 26,33,830/-

Project Sanctioned

- **Mr. D. Ramesh**, Assistant Professor has sanctioned with a **MSME project** titled "**Screening of Salt Tolerance in Plants using Internet of Things and Machine Learning**" sponsored by MSME Incubation Scheme 4116 for an amount of 18 Lakhs for a duration of one year on 23rd July 2022.

Patent Published

- **Dr. Y. Chalapathi Rao,** Associate Professor, **Mr.V. Naveen Kumar,** Assistant Professor, and **Dr. V. Sagar,** Assistant Professor, published a patent in the Patent Office Journal No. 38/2022 dated 14th September 2022. Titled '**AI and IOT based miniature circuit breaker**'. Application No.202241052573.

Journals/ Conferences/ Book Chapters

S.No.	Faculty name	Title of the paper	Name of the Journal/ Conference
1	Mr. Pradeep Kumar, Assistant Professor	Basic Understanding of Medical Image Processing	Book Chapter in **High-Performance Medical Image Processing**, 1st Edition, Apple Academic Press, 11 pages, eBook ISBN9781003190011. Published 07th July 2022.
2	Dr. Y. Padma Sai, Professor & Dean Student Progression	Design of 8-bit Dadda Multiplier using Gate level Approximate 4:2 Compressor	2022 35th International Conference on VLSI Design and 2022 21st International Conference on Embedded Systems (**VLSID**) from 26th February to 02nd March 2022, Bangalore. Published on 14th September 2022.

"The purpose of education is to replace an empty mind with an open one."
                                                    - Malcolm Forbes

3	Dr. S.Rajendra Prasad Professor & Head	Design and Analysis of 16nm GNRFET and CMOS Based Low Power 4kb SRAM Array Using 1-Bit 6T SRAM Cell	2022 IEEE IAS Global Conference on Emerging Technologies (**GlobConET**) from 20th to 22nd May 2022, Radisson Blu Greater Noida, NCR New Delhi. Published on 09th September 2022.
4	Dr. Y. Chalapathi Rao Associate Professor	Design and Development of a novel Accident Detection and Emergency Reporting System	International Journal of Advanced Research in Basic Engineering Sciences and Technology (**IJARBEST**), Vol.8, Issue.7, July 2022.
5	Dr. Y. Chalapathi Rao Associate Professor	Smart Application Based Parking System Using Internet of Things	International Journal of Advanced Research in Management, Architecture, Technology and Engineering (**IJARMATE**), Vol. 8, Issue 7, July 2022.
6	Dr. Y. Chalapathi Rao, Associate Professor	Recognition of Intent Using Light Detection and Ranging	**Journal of Pharmaceutical Negative Results**, Volume: 13, 2022, Special Issue: 3, Page: 757-760.
7	Dr. P.Kishore, Associate Professor	Block chain-based Secure Large Information Storage on Cloud	**NeuroQuantology**, 20(8): 7858-7861, July 2022.
8	Dr. S. Ranjan Kumar Professor	Content Based Medical Image Retrieval System Using DCNN	**Journal of Current Research in Engineering and Science**, Volume no.5, Issue 2, page no. 1-13. Published in August 2022.
9	Dr. K. Kalyana Srinivas Assistant Professor	Advancements of Artificial Intelligencein Microbiological Study by Extractionand Identification of Different Micro-organism Clusters	Innovations in Signal Processing and Embedded Systems Proceedings of **ICISPES** 2021, page no. 209-219. Published on 14th September 2022.

10	Dr. K. Kalyana Srinivas Assistant Professor	Rice Disease Detection andClassification Using ArtificialIntelligence	Innovations in Signal Processing and Embedded Systems Proceedings of **ICISPES 2021**, page no. 221-234. Published on 14th September 2022.
11	Dr. K. Kalyana Srinivas Assistant Professor	Applications of Artificial Intelligence for Autonomous Landing and Multicopter Unmanned Aerial Vehicles Design by Space Exploration Machines	Innovations in Signal Processing and Embedded Systems Proceedings of **ICISPES 2021**, page no. 163-168. Published on 14th September 2022.
12	Dr. R. Sravanth Kumar Assistant Professor	Obstacle Detecting AI Glasses for the Blind	**NeuroQuantology,** 1303-5150, September 2022
13	Dr. R. Sravanth Kumar, Assistant Professor	Accessing the Virtual Keyboard Using Cortical Recordings for Paralytic Patients Using Wireless EEG Device	**NeuroQuantology**, 1303-5150, August 2022.
14	Mr. P .Srinivasa Rao, Assistant Professor	Network throughput Optimization for Relay Based NB-CR-IoT Wireless Body Area Network	**International Journal of Engineering Trends and Technology** Volume no.70, Issue 9, page no. 148-154. Published in September 2022.
15	Mr. Pradeep Kumar, Assistant Professor	Basic Understanding of Medical Imaging Modalities	Book Chapter, **Biomedical Engineering: Techniques and Applications**, 978100319 0011. Published on 07th July 2022.

No man's knowledge here can go beyond his experience."
– John Locke

INDUSTRIAL VISITS

L & T Metro

Industrial Visit to L & T Metro, Uppal, Hyderabad for I B.Tech. students on 02nd August 2022.

Insights

- The metro system is operated using CBTC (Communication Based Train Control), one of a kind in the entire world. It is enhanced by ATS (Automatic train simulation system). This is a great advancement form the Fixed Block system, which is the first technology is the railways. It is the system that uses radio communication to transfer accurate train control information.
- The OCC (Operation Control Center) is responsible for the communication between the driver and the train which is done through the wi-fi signals.
- An incident management room takes care of the emergency cases too. Imported from Korea by Hyundai Rotem, this train consists of 3 cars -2 driving and 1 trailer car, with the wheels tapered and travels. in three corridors. The working is based on the induction motor and controlled by a microprocessor.
- The Pantographs draws power from OH line. When 32 kV is supplied using step and step down transformers it is used to provide the traction and auxiliary power. This is supplied to the pantographs which then provide power to the train to move. On power failure
- The revenue generation comes from-Passenger fares (50%), Transit oriented development (45%) and Advertisement and communication (5%). This transport is extremely cost effective and accessible for the public and learning more about it during the trip was enlightening.

Out of the mountain of despair, a stone of hope.

-Martin Luther King Jr.

INDUSTRIAL VISIT GALLERY

Visit to L & T Metro

L & T Metro

Risk comes from not knowing what you're doing
– Warren Buffet

Upcoming Events

- 2022 13th International Conference on Computing Communication and Networking Technologies (ICCCNT), 03rd to 05th October 2022, Kharagpur, India.
- 2022 IEEE 31st Conference on Electrical Performance of Electronic Packaging and Systems (EPEPS), 09th to 12th October 2022, San Jose, California USA.
- 2022 IEEE 11th Global Conference on Consumer Electronics (GCCE),18th to 21st October 2022, Osaka, Japan.
- 2022 IEEE 39th International Electronics Manufacturing Technology Conference (IEMT),19th to 21st October 2022, Kuala Lumpur, Putrajaya, Malaysia.
- 2022 IEEE 67th Holm Conference on Electrical Contacts (HLM), 23rd to 26th October 2022, Tampa, Florida USA.
- 2022 29th IEEE International Conference on Electronics, Circuits and Systems (ICECS 2022), 24th to 26th October 2022, Glasgow, United Kingdom.
- 2022 17th International Microsystems, Packaging, Assembly and Circuits Technology Conference (IMPACT), 26th to 28th October 2022, Taipei, Taiwan.
- 2022 IEEE Conference on Electrical Insulation and Dielectric Phenomena (CEIDP), 30th October 2022, Denver, CO, USA.
- 2022 IEEE Conference on Electrical Insulation and Dielectric Phenomena (CEIDP), 30th October to 02nd November 2022, Denver, CO, USA.
- IEEE SENSORS Conference ,30th October to 2nd November, 2022, Hyatt Regency Dallas.
- 2022 56th Asilomar Conference on Signals, Systems and Computers, 31st October to 02nd November 2022, Pacific Grove, CA, USA.
- 2022 IEEE Symposium on Reliability for Electronics and Photonics Packaging (REPP), 09th to 10th November 2022, Milpitas, California USA.
- 2022 IEEE CPMT Symposium Japan (ICSJ), 09th to 11th November 2022, Kyoto, Japan.
- 2022 IEEE MTT-S International Microwave Workshop Series on Advanced Materials and Processes for RF and THz Applications (IMWS-AMP), 27th to 29th November 2022, Guangzhou, China.
- 2022 IEEE EPS-IESA Workshop on Electronics Packaging, 01st to 02nd December 2022, Bengaluru, India.
- 2022 Panhellenic Conference on Electronics & Telecommunications (PACET), 02nd to 03rd December 2022, Tripolis, Greece.
- 2022 IEEE 24th Electronics Packaging Technology Conference (EPTC), 07th to 09th December 2022, Singapore.
- The 18th IEEE International Conference on Embedded Software and Systems
- (ICESS-2022), 18th to 21st December 2022, Chengdu, China.

Ideas are knowledge. When we share knowledge in the written or verbal form, amazing things can happen. -Jim Rohn

Tech News

- India's first Autonomous Navigation facility, TiHAN, launched at IIT Hyderabad.
- Nokia has partnered with the Indian Institute of Science to set up the Nokia Center of Excellence in networked robotics at IISC, Bengaluru.
- US President Joe Biden has released one of the James Webb Space Telescope's first images in a preview event at the White House in Washington.
- Samsung announced the creation of a new graphics dynamic random-access memory (DRAM) chip with increased speed and power efficiency, according to manufacturer.
- The Indian Polar Satellite Launch Vehicle (PSLV) has successfully launched 342 foreign satellites from 34 countries since 1999 on a commercial basis.
- ISRO launches virtual museum 'SPARK' making a digital platform for people to interact with missions related to ISRO.
- Hindustan Aeronautics Limited (HAL) handed two pieces of space equipment to the Indian Space Research Organization (ISRO) for use in the Gaganyaan mission.
- The 13 prospective landing locations for NASA's Artemis III mission, which would bring the first woman and person of colour to the Moon, have been revealed, as promised.
- The James Webb Space Telescope recently captured new beautiful photos of the planet Jupiter.
- India's first commercial space situational awareness observatory, to track objects as small as 10 cm in size orbiting the earth, will be set up in the Garhwal region of Uttarakhand by Digantara.
- Indian Railways is installing a Real-Time Train Information System (RTIS), developed in collaboration with the Indian Space Research Organization (ISRO).
- NASA's Experiment MOXIE: A gadget the size of a lunchbox (MOXIE by NASA) is demonstrating its ability to consistently carry out the work of a tiny tree on the red and dusty surface of Mars.
- Amazon establishing its first solar project in India: Amazon said that its first solar farm would be located in India. 3 solar power plants of 420 MW will be built in Rajasthan.
- Agnikul Cosmos, one of India's private space startups, has secured its first patent for the design and manufacturing of its 3D-printed rocket engine.
- NASA's DART Mission to collide with an asteroid: In order to test a crucial technology that might be used to divert asteroids heading towards Earth, NASA's DART mission will fall on an asteroid.

If you have knowledge, let others light their candles at it.
– Margaret Fuller

Creative Corner

Harika kummari
21071A0428
ECE A

Y. Sai Vineela
20071A04A8
ECE B
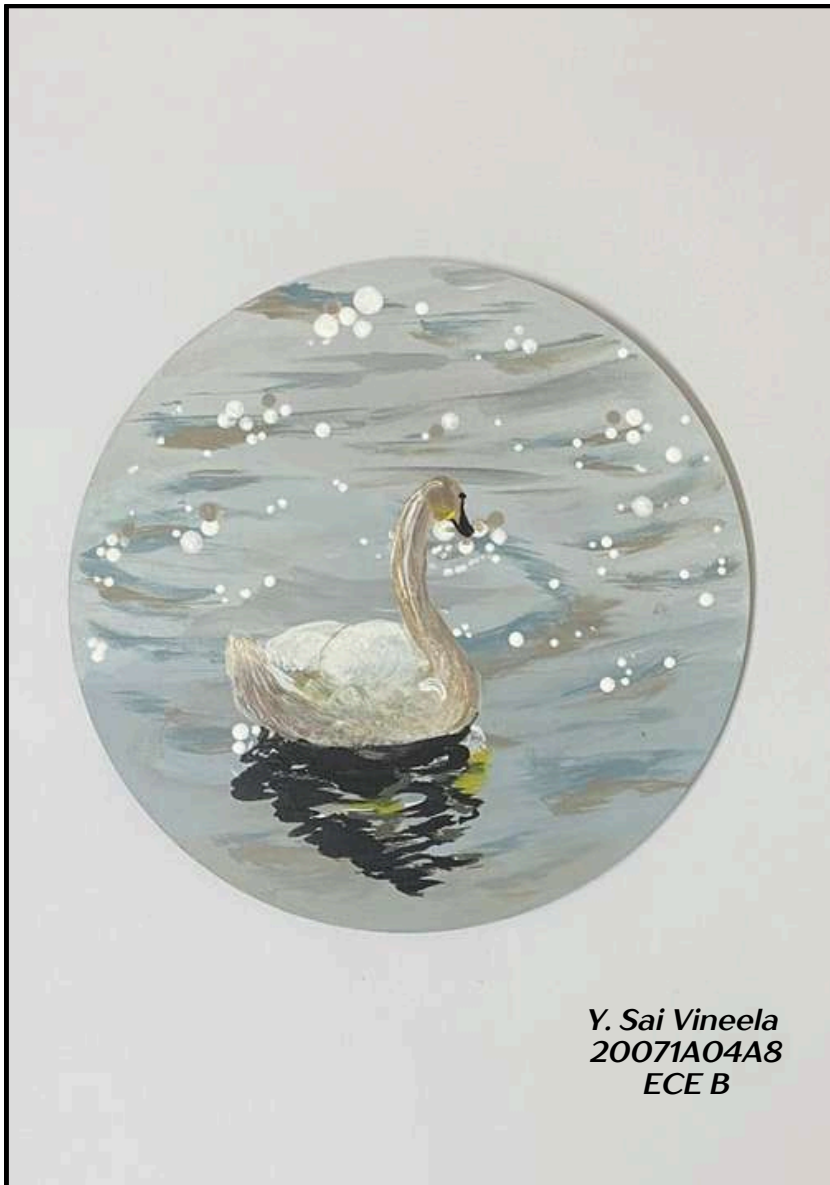
Creative Corner

"I have never let my schooling interfere with my education."
— Mark Twain

DILEMMA OF LOVE

If it isn't for love, we see people
Slamming their doors, crying out their grief
Shouting their mediocre lives, overlooking the bugs
Telling each other off before taking a step
All this knowing that no hardship can set them apart

If it isn't for love, we see people
Never letting the distance decide limits betwixt them
Assuring to be happy, atleast acting it out
Never share their despair to prevent hassel
All this knowing that a single smile can always keep them together

These symmetries of love
sour and sweet,caring and cruel
flexible and brittle,hard and soft
can they be deduced to pure and evil?
In this loop of dilemma
who are we to judge if it's all just for love.

Sai Shanmukh
20071A0467
ECE-B

The important thing is not to stop questioning. Curiosity has its
own reason for existence.

– Albert Einstein

ఒంటరితనం

• వయసుతో పాటు తరిగిపోయే అందం కోసం,
మంచి మనసున్న స్నేహితులను వదులుకోకు

• కాలంతో పాటు కరిగిపోయే ఆస్తుల కోసం,
రక్త సంబంధీకులను వదులుకోకు

• అశాశ్వతమైన ఆడంబర జీవితం కోసం,
జన్మనిచ్చిన తల్లిదండ్రులను వదులుకోకు

• అలా వదిలేస్తే అన్నీ ఉన్నా నువ్వు ఒంటరివాడివే నేస్తమా !

• అసలు ఏమీ లేని వాడు కాదు ఒంటరివాడు అంటే,

అన్నీ ఉన్నా అవి వదులుకున్న వాడు అసలైన ఒంటరివాడు

• అలా అన్నీ వదులుకుని ఒంటరి అయ్యాక
అప్పుడు ఏదో ఒక సాయంత్రం వేళ అనిపిస్తుంది
ఒంటరితనం ఎంత నరకమో

• అందుకే ఒంటరిగా ఉండి బాధ పడటం కన్నా
అందరితో కలిసి మెలిసి, కొత్త బంధాలను,బంధుత్వాలను కలుపుకొని సంతోషంగా ఉండటం మిన్న !

• ఎందుకంటే
అక్షరాలు కూడా ఒంటరే,
కానీ జత కలిపితేనే పదాలవుతాయి!!
భావాన్ని అందిస్తేనే కవితలవుతాయి!!!

• అలాగే
మనుషులు కూడా ఒంటరే కాని కుటుంబం, బంధాలు, బంధుత్వాలు ఒంటరితనాన్ని దూరం చేస్తాయి!!
ప్రేమ, ఆప్యాయతలను పెంచుతాయి!!!

• అందుకే ఆలోచించి కాదు అనుభవంతో చెబుతున్నా ... ఒంటరితనాన్ని నీ జీవితంలోకి ఎప్పుడూ ఆహ్వానించకు నేస్తం !

J. Radhika
2007IA0475
ECE B

If a man empties his purse into his head, no man can take it away
from him. An investment in knowledge always pays the best
interest.
— Benjamin Franklin

To solve or not to?

Test Your Networking IQ!
Unscramble these words according to the given clues.......

1	OCPMTURE	A programmable electronic device that acts as an endpoint on a network
2	ORTURE	The traffic director of your network, sending data to the right place
3	NIETNRTE	A vast network connecting computers worldwide, like a giant web.
4	ESVRRE	A powerful computer that stores and shares information with other devices.
5	PIDAESDRS	The special address system used to identify devices on the internet. Think of it like a phone number for your computer.
6	SNOSISE LYAER	This OSI layer acts like the negotiator between applications on different devices, establishing and managing communication sessions
7	ICCRITU WSTIHCNIG	A connection method that reserves a dedicated path for data, like a private line on a phone.
8	IFWELALR	The guardian of your network, protecting it from unwanted traffic. Think of it like a security guard at a door.
9	RPTOCOLO	A set of rules that devices use to communicate and understand each other, like a language for computers.
10	ENOWRKT OTOLYGOP	The layout of how devices are connected in a network, like the design of a road system.
11	TEHNERTE	The most common type of cable used to connect devices on a local area network (LAN). Think of it as the digital highway for your computers to talk to each other.

"Knowledge is power. Information is liberating. Education is
the premise of progress, in every society, in every family."
- Kofi Annan

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