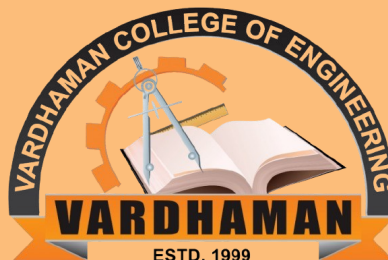


**DEPARTMENT OF
ELECTRICAL & ELECTRONICS ENGINEERING
News Letter**



**Volume 18: Issue 2
January 2024 to June 2024**



VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Affiliated to JNTUH, Approved by AICTE, Accredited by NAAC with A++ Grade, ISO 9001:2015 Certified
Kacharam, Shamshabad, Hyderabad – 501218, Telangana, India

Vision of the Department:

Producing professionally competent graduates in the domain of electrical engineering to serve the industry/society addressing the challenges.

Mission of the Department:

- Provide professional skills in electrical circuit design and simulation to the students.
- Bringing awareness among the students with emerging technologies to meet the dynamic needs of the society
- Develop industry-institute interface for collaborative research, internship and entrepreneurial skills among the stakeholders (Students/Faculty)
- Encourage multi-disciplinary activities through research and continuous learning activities

Program Educational Objectives (PEOs):

PEO1: Graduates will excel to make way to give solutions to real-time problems through technical knowledge and operational skills in the field of Electrical Engineering.

PEO2: Graduates will demonstrate their ability to acquaint with the ongoing trends in the field of Electrical Engineering to address the needs of the society.

PEO3: Graduates will communicate effectively as team players to cope with building a Prospective career.

PEO4: Graduates of the program will act with Integrity and have interpersonal skills in catering the need-based requirements blended with ethics and professionalism.

Program Specific Outcomes(PSOs):

Graduates will be able to,

PSO1: Conceptualize complex electrical and electronics systems, employ control strategies for power electronics related applications to prioritize societal requirements.

PSO2: Design, analyze and create energy efficient and eco-friendly power & energy systems.



About the Department

The Department of Electrical and Electronics Engineering, established in 2002 with an initial intake of 60 students, has steadily evolved in line with advancements in the field. The undergraduate intake increased to 90 in 2009 and further to 120 by 2014, before being revised to 60 in 2020 to maintain a focused academic environment. In addition to the undergraduate program, the department offers a postgraduate program M.Tech in Power Electronics and Electrical Drives launched in the 2008 with an intake of 18 students.

Under the leadership of Dr. N. Karuppiah, a seasoned academic with extensive teaching experience, the department is staffed by 24 dedicated faculty members, maintaining a healthy student-faculty ratio of 15:1. Among the faculty, eight hold Ph.D. degrees and sixteen possess postgraduate qualifications. The academic team is supported by five non-teaching staff members.



Recognized for its academic quality, the department's undergraduate program was accredited by the National Board of Accreditation (NBA). To meet the evolving needs of students and the industry, the department is equipped with state-of-the-art, air-conditioned laboratories featuring advanced equipment, providing a robust environment for practical learning and research.

Contents

S.No	Title	Page No
1	Faculty Contributions as Resource Persons	03
2	Intellectual Contributions: Books	03
3	Faculty Hands on Training in Industry	04
4	Professional Development Initiatives for Faculty	04
5	Academic Impact through Journal Publications	05
6	Academic Impact through Conference Publications	08
7	Patent/Copyrights by Faculty	10
8	Research Publications by students	11
9	Student Engagement with online learning resources	13
10	Students participation in Inter/Intra college level events	17
11	Photo Gallery	22
12	Department Staff	26

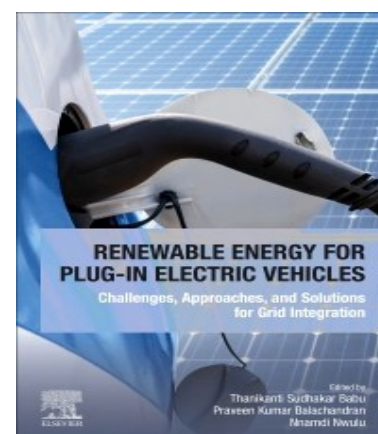
Faculty Contribution as Resource Person

Name of the Faculty as Resource Person	Name of the FDP/STTP/Workshop	Date(s)	Location	Organized by
Dr. K. Muruga Perumal	Workshop Series on “Enhancing skills for Electrical Engineering Faculty”	23-01-2024	Hyderabad, India	Dept. of EEE Vardhaman College of Engineering
Dr. S. Ravivarman	Workshop Series on “Enhancing skills for Electrical Engineering Faculty”	05-02-2024	Hyderabad, India	Dept. of EEE Vardhaman College of Engineering
Dr. B. Praveen Kumar	Workshop Series on “Enhancing skills for Electrical Engineering Faculty”	10-02-2024	Hyderabad, India	Dept. of EEE Vardhaman College of Engineering
Mr. A. Ananda Kumar	Online Training Program on “Microsoft Power BI”	11-03-2024 to 23-03-2024	Hyderabad	NSIC, Hyderabad
Dr. K. Muruga Perumal	PDP for “Recent Advancements in Sustainable Solar Photovoltaic Power Technology”	15-04-2024 to 20-04-2024	Hyderabad	Dept. of EEE Vardhaman College of Engineering
Dr. B. Praveen Kumar	STTP on Power Quality and Reliability (Online)	13-05-2024 to 24-05-2024	Hyderabad	Lords Institute of Engineering and Technology
Mr. A. Ananda Kumar	Online Training Program on “Microsoft Power BI”	15-05-2024 to 29-05-2024	Hyderabad	NSIC, Hyderabad

Intellectual Contributions: Books

Renewable Energy for Plug-in Electric vehicles

By Dr. B. Praveen Kumar



Faculty Hands-on Training in Industry

Name of the Faculty	Name of the Internship/Training/ Collaboration	Name of the Company & Place	Duration
Mr. A. Ananda Kumar	Industrial Training on EV Design and Analysis using MATLAB and ML	NSIC Hyderabad	2 week
Dr. T. Anuradha Devi	Industrial Training on Data Analysis using Microsoft Power BI	NSIC Hyderabad	2 week

Professional Development Initiatives for Faculty

Name of the Event	Name and Designation of Resource Person(s)	Date(s)	No. of Participants	Target Audiences
Professional Development Program on “Recent Advancements in Sustainable Solar Photovoltaic Power Technology”	<p>Dr. K. Muruga Perumal Associate Professor, EEE Vardhaman College of Engineering, Hyderabad</p> <p>Dr. S. Devakirubakaran Research Assistant Professor, Center for Nonlinear Systems Chennai Institute of Technology, India.</p> <p>Dr. V. Kunisetti Praveen Kumar Assistant Professor, Electrical Engineering Sardar Vallabai National Institute of Technology, Surat.</p> <p>Dr. T. Sudhakar Babu Associate Director R&D and Associate Professor, EEE Chaitanya Bharathi Institute of Technology, Hyderabad.</p> <p>Dr. D. Prince Winston Dean Research, Head and Professor, EEE, Kamaraj College of Engineering & Technology, Madurai</p>	15-04-2024 to 20-04-2024	58	Faculty, Lab technicians & PG Students
Short Term Training Program on the “Dive into Data using Microsoft Power BI”	Mr. A. Ananda Kumar Assistant Professor, EEE Vardhaman College of Engineering	22-04-2024 to 27-04-2024	135	Faculty, Lab technicians & PG Students

Academic Impact through Journal Publications

Title of the Paper	Name(s) of Author	Name of the Journal	ISSN/ISBN /DOI	Month & Year	Indexing
Optimizing Drone delivery: An efficient design for shipper applications	S. Rajalingam, S. Kanagamalliga, K. Sakthi Priya, Natarajan Karuppiah	Journal of Autonomous Intelligence	https://doi.org/10.32629/jai.v7i1.875	Jan-24	Scopus
Solar Photovoltaic System Performance Improvement Using a New Fault Identification Technique	Sakthivel Ganesan, Prince Winston David, Pravin Murugesan, Praveen Kumar Balachandran	Electric Power Components and Systems	https://doi.org/10.1080/15325008.2023.2237013	Jan-24	SCIE
Power enhancement in PV arrays under partial shaded conditions with different array configuration	Sakthivel Ganesan, Prince Winston David, Praveen Kumar Balachandran, IlhamiColak	Heliyon	https://doi.org/10.1016/j.heliyon.2024.e23992	Jan-24	SCIE
A selective cross-tied array configuration technique for partial shaded solar PV system	Pandimuni Pandian, Prince Winston David, Pravin Murugesan, Praveen Kumar Balachandran	Electrical Engineering	https://doi.org/10.1007/s00202-023-02209-3	Jan-24	SCIE
Optimization of ANFIS controller for solar/battery sources fed UPQC using an hybrid algorithm	KogantiSrilakshmi, Gummadi Srinivasa Rao, KatragaddaSwarnasri, Sairam Inkollu, KrishnaveniKondreddi, Praveen KumarBalachandran, IlhamiColak	Electrical Engineering	https://doi.org/10.1007/s00202-023-02185-8	Jan-24	SCIE
Optimal design of solar/wind/battery and EV fed UPQC for power quality and power flow management using enhanced most valuable player algorithm	KogantiSrilakshmi, SravanthyGadameedhi, Subba Reddy Borra, Praveen Kumar Balachandran, Ganesh Prasad Reddy, AravindhababuPalanivelu, ShitharthSelvarajan	Frontiers in Energy Research	https://doi.org/10.3389/fenrg.2023.1342085	Jan-24	SCIE
Automated approach to design predictive PI control scheme for gain margin specification	Ramaveerapathiran Arun, RathinamMuniraj, Natarajan Karuppiah, Balachandran Praveen Kumar, Krishnamoorthy Murugaperumal	International Journal of System Assurance Engineering and Management	https://doi.org/10.1007/s13198-023-02238-y	Jan-24	Scopus ESCI
Distribution State Estimation and Its Impact of Load Modeling	M. Lakshmi Swarupa, V. Ganesh Kumar, K. Sree Latha, Manam Ravindra, B. Praveen Kumar	Contemporary Mathematics	https://doi.org/10.37256/cm.5120242696	Feb-24	Scopus ESCI

Title of the Paper	Name(s) of Author	Name of the Journal	ISSN/ISBN /DOI	Month & Year	Indexing
Analysis of Different PWM Techniques for Enhanced Ultrahigh Gain Z-Network Topology	VadthyaJagan, Bhavadi- sh Chary Ma- heshwaram, Mal- leshUsirikapally, Praveen Kumar Bala- chandran, B. Nagi Red- dy, SankeerthanaMettu, C. Dhanamjayulu, G. Arunkumar, K. C. Saranya, Baseem Khan	International Transactions on Electrical Energy Sys- tems	https://doi.org/10.1155/2024/6645798	Feb-24	SCIE
Optimizing Electric Vehicle Battery Life: A Machine Learning Approach for Sustainable Transportation	K. Karthick, S. Ravivar- man, R. Priyanka	World Electric Vehicle Journal	https://doi.org/10.3390/wevj15020060	Feb-24	Scopus ESCI
Green Energy Sourced AI Controlled Multilevel UPQC Parameter Selection Using Foot Ball Game Optimization	KogantiSrilakshmi, Gummadi S. Rao, Praveen Kumar Bala- chandran, Tomonobu Senjyu	Frontiers in Energy Re- search	https://doi.org/10.3389/fenrg.2024.1325865	Feb-24	SCIE
Development of renewable energy fed three-level hybrid active filter for EV charging station load using Jaya grey wolf optimization	KogantiSrilakshmi, D. Teja Santosh, Alapati Ramadevi, Praveen Ku- mar Balachandran, Ara- vindhababuPalanivelu, IlhamiColak, C. Dhanamjayulu, Ravi Ku- mar Chinthagin- jala,Baseem Khan	Scientific Re- ports	https://doi.org/10.1038/s41598-024-54550-7	Feb-24	SCIE
Modeling and simulation of a Renzoku puzzle pattern-based PV array configuration for a partially shaded PV system	BelqasemAljafari, Praveen Kumar Bala- chandran, Devakiruba- karanSamithas, Sudhakar Babu Thani- kanti, Nnamdi I. Nwulu	Frontiers in Energy Re- search	https://doi.org/10.3389/fenrg.2024.1335111	Mar-24	SCIE
A novel optimized neural network model for cyber-attack detection using enhanced whale optimization algorithm	Koganti Krishna Jyothi, Subba Reddy Borra, KogantiSrilakshmi, Praveen Kumar Bala- chandran, IlhamiColak, C. Dhanamjayulu, Ra- vikumar Chinthaginjala, Baseem Khan	Scientific Re- ports	https://doi.org/10.1038/s41598-024-55098-2	Mar-24	SCIE
Multi objective Neuro-Fuzzy Controller Design and Selection of Filter Parameters of UPQC Using Predator Prey Firefly and Enhanced Harmony Search Optimization	KogantiSrilakshmi, Gummadi Srinivasa Rao, KatragaddaSwarnasri, Sai Ram Inkollu, Krish- naveniKondreddi, Praveen Kumar Bala- chandran, C. Dhanamja- yulu, Baseem Khan	International Transactions on Electrical Energy Sys- tems	https://doi.org/10.1155/2024/6611240	Mar-24	SCIE

Title of the Paper	Name(s) of Author	Name of the Journal	ISSN/ISBN /DOI	Month & Year	Indexing
Simulation of grid/standalone solar energy supplied reduced switch converter with optimal fuzzy logic controller using golden BallAlgorithm	KogantiSrilakshmi, Dheeraj Sundaragiri, SravanthyGad-dameedhi, Ramprasad Vangalapudi, Praveen Kumar Balachandran, IlhamiColak, ShitharathSelvarajan	Frontiers in Energy Research	https://doi.org/10.3389/fenrg.2024.1370412	Mar-24	SCIE
Feasibility analysis and modeling of a solar hybrid system for residential electric vehicle charging	MuthukumaranThulasingam, Ajay D. Vimal Raj Perianayagam, Murugaperumal Krishnamoorthy	International Journal of Electrical and Computer Engineering	http://doi.org/10.11591/ijece.v14i2.p1251-1262	Apr-24	Scopus
A Novel 21-Level Asymmetric Multilevel Inverter with Reduced Switches for Solar PV Systems	Niraimathi Ramachandran, Seyezhai Ramalingam, Praveen Kumar Balachandran, Tomonobu Senju	Electric Power Components and Systems	https://doi.org/10.1080/15325008.2024.2330990	Apr-24	SCIE
Performance improvement of PV systems during dynamic partial shading conditions using optimization algorithms	Keerthi Sonam Soma, R. Balamurugan, Karuppiyah Natarajan	Transactions on Energy Systems and Engineering Applications	https://doi.org/10.32397/tesea.vol5.n1.557	May-24	Scopus
Elevating sustainability with a multi-renewable hydrogen generation system empowered by machine learning and multi-objective optimization	K. Naveena, Murugaperumal Krishnamoorthy, N. Karuppiyah, Pramod Kumar Gouda, K. Saravanan d, Ajay Kumar	Measurement: Sensors	https://doi.org/10.1016/j.measen.2024.101192	May-24	Scopus
Enhancing the solar water pumping efficiency through Beta MPPT method-controlled drive	Gundala Srinivasa Rao, Tellapati Anuradha Devi, K. Sarada, M. Bharathi, B. Srikanth Goud, KalahasthiNeelima, K. S. Bhargavi	Transactions on Energy Systems and Engineering Applications	https://doi.org/10.32397/tesea.vol5.n1.568	May-24	Scopus
Hybrid optimal-FOPID based UPQC for reducing harmonics and compensate load power in renewable energy sources grid connected system	T. Anuradha Devi, G. Srinivasa RaoID, T. Anil Kumar, B. Srikanth Goud, Ch. Rami Reddy, FlahAymen, Claude Ziad El-Bayedh, Habib Kraiem, Vojtech Blazek	PLoS ONE	https://doi.org/10.1371/journal.pone.0300145	May-24	SCIE
ANFIS-based optimisation for achieving the maximum torque per ampere in induction motor drive with conventional PI	Gurralla Madhusudhana Rao, Mamidala Vijay Karthik, Annavarapu Ananda Kumar, Chava Sunil Kumar, Tummeti Parameshwar, Abbaraju Hima Bindu	International Journal of Applied Power Engineering	http://doi.org/10.11591/ijape.v13.i2.p320-327	Jun-24	Scopus

Title of the Paper	Name(s) of Author	Name of the Journal	ISSN/ISBN /DOI	Month & Year	Indexing
Development of AI Controller for Solar /Battery Fed H-Bridge Cascaded Multilevel Converter UPQC under Different Loading Conditions	KogantiSrilakshmi, N. Yashaswini, SravanthyGad-dameedhi, Ramprasad Vangalapudi, Praveen Kumar Balachandran, Surender Reddy Salkuti, M MFayaz Basha	International Journal of Renewable Energy Research	https://doi.org/10.20508/ijrer.v14i2.15017.g8900	Jun-24	Scopus ESCI
Two Stage PV Generation System with Control Strategy to Improve Grid Integrating Capabilities During Partial Shading Conditions	S. Keerthi Sonam, R. Balamurugan, Karuppiah Natarajan	International Journal of Renewable Energy Research	https://doi.org/10.20508/ijrer.v14i2.14423.g8903	Jun-24	Scopus ESCI
Integrated renewable electrification system modeling and tri-objective optimization analysis for net zero energy institutional building: a simulated case study of green hydrogen production	S. Rajasekaran, Murugaperumal Krishna-moorthy, Suresh Srinivasan, Pramod Kumar Gouda	Environment, Development and Sustainability	https://doi.org/10.1007/s10668-024-05066-7	Jun-24	SCIE

Academic Impact Through Conference Publications

Title of the paper	Authors	Name of the conference	Publisher	Date of Publication	Indexing
Agriculture Residue based Electric Power Generation	M. Chiranjivi, K. Suresh, A. Anand Kumar, Ch. Lokeshwar Reddy, M. Siddartha	International Conference on Renewable Energy, Green Computing and Sustainable Development (ICREGCSD 2023)	Springer	Jan-24	Scopus
IOT based Smart Unlawful Electricity Usage Surveillance and Warning System	A.S.S. Murugan, Rajib Kumar Kar, M. Rajitha, N. Karuppiah	International Conference on Renewable Energy, Green Computing and Sustainable Development	Springer	Jan-24	Scopus
Power Improvement of Partial Shaded Photovoltaic System Using Water Swirl Arrangement Method	Rakshana Kumari Thonta, Praveen Kumar Balachandran, Dhaval Pipalia, Sampath Kumar Vankadara	2023 International Conference on Ambient Intelligence, Knowledge Informatics and Industrial Electronics (AIKIIIE)	IEEE	Jan-24	Scopus

Title of the paper	Authors	Name of the conference	Publisher	Date of Publication	Indexing
Electric vehicle power drive train optimization techniques and its analysis based on multiple cycles	Rajalingam S, Adinkrah-Appiah K, Karuppiah N, Vasuki S	2023 9 th International Conference on Smart Structures and Systems (ICSSS)	IEEE	Jan-24	Scopus
Design of Bidirectional Multilevel Converter & T-Type MLI for EV Application using HRES Generation	Kammari Divya Rani, Patil Mounica, Dhaval Pipalia	2023 4 th International Conference on Communication, Computing and Industry 6.0 (C216)	IEEE	Feb-24	Scopus
Monitoring and Control of Motor Drive Parameters Using Internet of Things Protocol for Industrial Automation	G. Madhusudhana Rao, Srinivas Dasam, M. Pala Prasad Reddy, B. Rajagopal Reddy	ICCIML 2022: International Conference on Computational Intelligence in Machine Learning	Springer	Feb-24	Scopus
Design of an Inter-line Power Flow Controller Using Advanced Simulation Tools	Jarabala Ranga, A. Ananda Kumar, T. Devaraju, P. Venkata Kishore, K. Vijaya Bhaskar Reddy, G. Madhusudhana Rao	ICCCE 2024: Proceedings of the 6 th International Conference on Communications and Cyber Physical Engineering	Springer	Feb-24	Scopus
Simulation and Performance Analysis of a DC-DC Converter with Enhanced Voltage Gain, Wide Input Voltage Variations, and Unified Ground Configuration	Ravivarman S, Ankit Pandya, G. Manasa Priya, B. Anitha, P. Srinath	2024 Fourth International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT)	IEEE	Mar-24	Scopus
Revealing the Effect of Excitation Cross Coupling on the LFC Performance in Two Area Hybrid Source System	Ch. Naga Sai Kalyan, Anuradha Devi Tellapati, Thalanki Venkata Sai Kalyani, B. Srikanth Goud, Kambhampati Venkata Govardhan Rao, I Vijaya Kumar	2024 International Conference on Integrated Circuits and Communication Systems (ICICACS)	IEEE	Apr-24	Scopus
Performance Improvement in Multi Area Diverse Source Interconnected Power System under IDDN Controller with AC-DC Line	CH. Naga Sai Kalyan, M. Sai Prasad Reddy, Gadi Sanjeev, Anuradha Devi Tellapati, B. Srikanth Goud	2024 International Conference on Integrated Circuits and Communication Systems (ICICACS)	IEEE	Apr-24	Scopus

Title of the paper	Authors	Name of the conference	Publisher	Date of Publication	Indexing
Data Security for Internet of Things (IoT) Using Lightweight Cryptography (LWC) Method	R. Siva Priya, V. Shunmughavel, B. Praveen Kumar, E. R. Aruna	International Conference on Intelligent Computing for Sustainable Development	Springer	May-24	Scopus
BES and SSSC based Supplementary Control for Frequency Regulation of Multi Area Interconnected Power System Network	CH. Naga Sai Kalyan; Anuradha Devi Tellapati;Thalanki Venkata Sai Kalyani; Kambhampati Venkata Govardhan Rao, B. Srikanth Goud, P. Nagaraju-Mandadi	2024 International Conference on Distributed Computing and Optimization Techniques (ICDCOT)	IEEE	May-24	Scopus
Donkey and Smuggler Algorithm Tuned IDDF Controller for Stability of Multi Area Power System with HVDC Line	CH. Naga Sai Kalyan; Anuradha Devi Tellapati;Thalanki Venkata Sai Kalyani; Kambhampati Venkata Govardhan Rao, B. Sekhar, K. Vijaya Prasad	2024 International Conference on Distributed Computing and Optimization Techniques (ICDCOT)	IEEE	May-24	Scopus

Patent/Copyrights by Faculty

Name of the Faculty	Title of the Patent	Patent Number	Type of Patent	Granted Date
Dr. B. Praveen Kumar	Couple Matching and Current Injection Based PV Circuit for Partially Shaded PV Systems	534498	Utility	23-04-2024
Dr. N. Karuppiah Mr. Ananda Kumar A Dr. Ravivarman S Mr. N. Srinivas	AI Based Data Logger For Renewable Energy Systems	406454-001	Design	09-02-2024
Dr. B Praveen Kumar	Autonomous Solar Panel Optimization System Using Artificial Intelligence	202441038874A	Utility	31-05-2024
Dr. Patil Mounica	AI/ML-Based Multi-Antenna And Relevant Technologies For B5g/6g Networks	202441011941A	Utility	08-03-2024
Dr. T. Anuradhadevi K. C. Archana Revathi. D K. Haleema G. Swetha	Smart Metering System For Real-Time Monitoring And Control Of Energy	202441027480A	Utility	12-04-2024

Name of the Faculty	Title of the Patent	Patent Number	Type of Patent	Granted Date
Dr. N. Karuppiah Dr. S. Ravivarman Dr. Patil Mounica Mr. B. Rajagopal Reddy Dr. T. Anuradha Devi	An Integrated Lightning Arrester System For The Identification Of Lightning Density Zones And Recommendation of Safety Measures	202441020921A	Utility	29-03-2024
Dr. Md Asif	Smart Billing System Streamlining Using RFID Technology	202441046363A	Utility	21-06-2024
Dr. T Anuradha Devi	An Intelligent Foot Step Power Generation System For The Rural Energy	202441009526A	Utility	08-03-2024
Dr. T Anuradha Devi	A Novel Solar Based Electronic Uniform Design for Army Soldiers to Work under Various Weather Condition	202441009528A	Utility	08-03-2024

Research Publications by Students

Name of the Student	Name of the conference	Name of the Publisher	DOI
Rakshith Reddy VIII Semester 20881A0201	International Conference on Sustainable Green Energy Technologies (ICSGET 2024)	E3S Web of Conferences	https://doi.org/10.1051/e3sconf/202454703008
Rakshith Reddy VIII Semester 20881A0201	International Conference on Sustainable Green Energy Technologies (ICSGET 2024), Hyderabad, June 14-15, 2024	E3S Web of Conferences	https://doi.org/10.1051/e3sconf/202454703028
Rayapol Akhilesh VIII Semester 20881A0241	5th International Conference for Emerging Technology (INCET) Karnataka, India. May 26-28, 2024	IEEE	https://ieeexplore.ieee.org/document/10593192
Golle Shashank VIII Semester 20881A0216	5th International Conference for Emerging Technology (INCET) Karnataka, India. May 26-28, 2024	IEEE	https://ieeexplore.ieee.org/document/10593192
Mirza Afroze Baig VIII Semester 21885A0214	5th International Conference for Emerging Technology (INCET) Karnataka, India. May 26-28, 2024	IEEE	https://ieeexplore.ieee.org/document/10593192
R. Rishith VIII Semester 20881A0242	5th International Conference for Emerging Technology (INCET) Karnataka, India. May 26-28, 2024	IEEE	https://ieeexplore.ieee.org/document/10593593
M. Abhishek VIII Semester 20881A0231	5th International Conference for Emerging Technology (INCET) Karnataka, India. May 26-28, 2024	IEEE	https://ieeexplore.ieee.org/document/10593593

Name of the Student	Name of the conference	Name of the Publisher	DOI
B. Akshaya VIII Semester 21885A0203	International Conference on Sustainable Green Energy Technologies (ICSGET 2024), Hyderabad, June 14-15, 2024	E3S Web of Conferences	https://doi.org/10.1051/e3sconf/202454702006
Prudhvi Naidu B VIII Semester 21885A0201	International Conference on Sustainable Green Energy Technologies (ICSGET 2024), Hyderabad, June 14-15, 2024	E3S Web of Conferences	https://doi.org/10.1051/e3sconf/202454703004
Thanmayi M VIII Semester 20881A0232	International Conference on Sustainable Green Energy Technologies (ICSGET 2024), Hyderabad, June 14-15, 2024	E3S Web of Conferences	https://doi.org/10.1051/e3sconf/202454703004
Katta Sunil VIII Semester 20881A0223	International Conference on Sustainable Green Energy Technologies (ICSGET 2024), Hyderabad, June 14-15, 2024	E3S Web of Conferences	https://doi.org/10.1051/e3sconf/202454703004
K. Sai Ramana VIII Semester 20881A0222	International Conference on Sustainable Green Energy Technologies (ICSGET 2024), Hyderabad, June 14-15, 2024	E3S Web of Conferences	https://doi.org/10.1051/e3sconf/202454701017
K. Akshay VIII Semester 20881A0221	International Conference on Sustainable Green Energy Technologies (ICSGET 2024), Hyderabad, June 14-15, 2024	E3S Web of Conferences	https://doi.org/10.1051/e3sconf/202454701017
K. Dilip VIII Semester 21885A0211	International Conference on Sustainable Green Energy Technologies (ICSGET 2024), Hyderabad, June 14-15, 2024	E3S Web of Conferences	https://doi.org/10.1051/e3sconf/202454701017
Lavanya VIII Semester 20881A0229	International Conference on Sustainable Green Energy Technologies (ICSGET 2024), Hyderabad, June 14-15, 2024	E3S Web of Conferences	https://doi.org/10.1051/e3sconf/202454702005
Rakesh Roshan, VIII Semester 21885A0224	International Conference on Sustainable Green Energy Technologies (ICSGET 2024), Hyderabad, June 14-15, 2024	E3S Web of Conferences	https://doi.org/10.1051/e3sconf/202454702005
Kudumula Abhigna VIII Semester 20881A0225	5th International Conference for Emerging Technology (INCET) Karnataka, India. May 24-26, 2024	IEEE	https://ieeexplore.ieee.org/document/10593309
Pasarakonda Nikhitha VIII Semester 20881A0237	5th International Conference for Emerging Technology (INCET) Karnataka, India. May 24-26, 2024	IEEE	https://ieeexplore.ieee.org/document/10593309
Dharavath Ravi Varma VIII Semester 21885A0207	5th International Conference for Emerging Technology (INCET) Karnataka, India. May 24-26, 2024	IEEE	https://ieeexplore.ieee.org/document/10593309

Name of the Student	Name of the conference	Name of the Publisher	DOI
Thuthuku Jaya Prakash VIII Semester 21885A0216	5th International Conference for Emerging Technology (INCET) Karnataka, India. May 24-26, 2024	IEEE	https://ieeexplore.ieee.org/document/10593069
Alhari Rushitha VIII Semester 20881A0203	5th International Conference for Emerging Technology (INCET) Karnataka, India. May 24-26, 2024	IEEE	https://ieeexplore.ieee.org/document/10593069
Vajja Varun Sai VIII Semester 21885A0218	5th International Conference for Emerging Technology (INCET) Karnataka, India. May 24-26, 2024	IEEE	https://ieeexplore.ieee.org/document/10593069
C. Keerthana VIII Semester 21885A0206	International Conference on Sustainable Green Energy Technologies (ICSGET 2024), Hyderabad, June 14-15, 2024	E3S Web of Conferences	https://doi.org/10.1051/e3sconf/202454703009
Enjamuri Sagar VIII Semester 21885A0208	2024 5th International Conference for Emerging Technology (INCET), Belgaum, India, 2024, pp. 1-5	IEEE	https://ieeexplore.ieee.org/document/10593057
K. Greeshma VIII Semester 20881A0220	2024 5th International Conference for Emerging Technology (INCET), Belgaum, India, 2024, pp. 1-5	IEEE	https://ieeexplore.ieee.org/document/10593057
R. Ananya VIII Semester 20881A0243	2024 5th International Conference for Emerging Technology (INCET), Belgaum, India, 2024, pp. 1-5	IEEE	https://ieeexplore.ieee.org/document/10593057

Student Engagement with Online Learning Resources

Courses offered by Wadhwani Foundation

Roll Number	Name of the Student	Name of the Course	Date
21881A0219	Akshay Kumar Gajjala	Effective Speaking and Listening Skills-	19-05-2024
21881A0202	Amulya Patil	Job Ready Employability Skills	26-05-2024
21881A0206	Burra Ganesh	Self-Presentation-Advanced	27-05-2024
22885A0202	G Deekshith Kumar	Job Ready Employability Skills	22-05-2024
21881A0224	Greshma Neredimelli	Job Ready Employability Skills	27-05-2024
21881A0226	Jagmohan Mittal	Effective Speaking and Listening Skills-	19-05-2024
21881A0230	Keshamoni Vandana	Job Ready Employability Skills	25-05-2024
21881A0237	Mende Sangeetha	Job Ready Employability Skills	27-05-2024
21881A0225	Naga Bhargavi Guduru	Job Ready Employability Skills	23-05-2024
22885A0213	S Sai Deepak	Job Ready Employability Skills	24-05-2024

Roll Number	Name of the Student	Name of the Course	Date
21881A0246	S Vaishnavi	Job Ready Employability Skills	06-06-2024
22885A0215	S Srilekha	Job Ready Employability Skills	19-05-2024
21881A0256	Yogesh Mittal	Effective Speaking and Listening Skills-	19-05-2024

Courses offered by Coursera

Roll Number	Name of the Student	Name of the Course	Date
21881A0219	Gajjala Akshay Kumar	Introduction to Microsoft Excel	20-05-2024
21881A0226	Jagmohan	Introduction to Microsoft Excel	17-05-2024
21881A0231	Kosuru Vicky	Introduction to Microsoft Excel	17-05-2024
21881A0234	Lingolo Vishnu Vardhan	Introduction to Microsoft Excel	17-05-2024
21881A0256	Yogesh	Introduction to Microsoft Excel	17-05-2024
22881A0202	Bandela Deepak	Introduction to Microsoft Excel	12-05-2024
22881A0213	Ganji Shruthi	Build a free website with WordPress	12-05-2024
22881A0215	Jathoth Rahul	Introduction to Microsoft Excel	12-05-2024
22881A0220	Kotha Anusha	Build a free website with WordPress	22-05-2024
22881A0221	Kukkunuru Pallavi	Introduction to Microsoft Excel	12-05-2024
22881A0221	Kukkunuru Pallavi	Introduction to Microsoft Excel	12-05-2024
22881A0222	Kumbam Shiva Charan Reddy	Introduction to Microsoft Excel	12-05-2024
22881A0222	Kumbam Shiva Charan Reddy	Investment Risk Management	12-05-2024
22881A0224	K Vivekananda Chary	Build a free website with WordPress	12-05-2024
22881A0226	Male Jyothi	Build a free website with WordPress	13-05-2024
22881A0231	Pasupula Vishnu	Introduction to Microsoft Excel	25-05-2024
22881A0232	Pothula Nikhitha	Introduction to Microsoft Excel	12-05-2024
22881A0239	Thati Sharmila	Introduction to Microsoft Excel	12-05-2024
23881A0233	Mohammed Abdul Raheem	Introduction to Microsoft Excel	15-05-2024
23881A0233	Mohammed Abdul Raheem	Build a free website with WordPress	15-05-2024
23885A0207	K Praveen	Introduction to Microsoft Excel	14-05-2024
23885A0208	Kassa Pranav Kumar	Introduction to Microsoft Excel	12-05-2024
23885A0210	K Hari Krishna Prasad	Business analysis and Process management	03-06-2024
23885A0210	K Hari Krishna Prasad	Introduction to Microsoft Excel	03-06-2024
23885A0211	Mantha Sreeja	Introduction to Microsoft Excel	12-05-2024
23885A0211	Mantha Sreeja	Introduction to Microsoft Excel	12-05-2024
23885A0213	Moutam Kruthi	Create a project charter with google Docs	13-06-2024
23885A0213	Moutam Kruthi	Introduction to Data Analysis using Microsoft Excel	25-05-2024
23885A0213	Moutam Kruthi	Build a free website with WordPress	13-05-2024
23885A0214	Myadari Manikanta	Introduction to Data Analysis using Microsoft Excel	31-05-2024
23885A0215	Myathari Sai Teja	Introduction to Data Analysis using Microsoft Excel	30-05-2024
23885A0216	Nerella Jayasri	Business Analysis & Process Management	13-05-2024

Roll Number	Name of the Student	Name of the Course	Date
23885A0217	Padala Vishnu Vardhan	Introduction to Microsoft Excel	12-05-2024
23885A0218	Parepally Pramod	Introduction to Data Analysis using Microsoft Excel	01-06-2024
23885A0220	Pittala Akash	Introduction to Microsoft Excel	30-05-2024
23885A0222	Sambe Srinivas	Introduction to Data Analysis using Microsoft Excel	13-05-2024
23885A0226	V Bhanu Teja	Business Analysis & Process Management	13-05-2024
23885A02O1	A Sai Nath Nayak	Conditional Formatting, Tables and Charts in Microsoft Excel	13-06-2024
23885A02O1	A Sai Nath Nayak	Introduction to Data Analysis using Microsoft Excel	25-05-2024
23885A0223	T V Sai Sudheer	Introduction to Microsoft Excel	06-06-2024

Courses offered by TCS Online Learning

Roll Number	Name of the Student	Name of the Course	Date
22881A0207	Chakali Shiva Kumar	TCS Mastercra TM Dataplus overview Course	07-06-2024
23881A0204	B Harshavardhan	TCS Mastercra TM Dataplus overview Course	15-05-2024
23881A0210	Bondeli Archana	TCS Mastercra TM Dataplus overview Course	15-06-2024
23881A0211	Burra Manish Goud	TCS Mastercra TM Dataplus overview Course	15-05-2024
23881A0214	Dadi Reddy Manoj Kumar Reddy	TCS Mastercra TM Dataplus overview Course	19-05-2024
23881A0216	Dheeravath Chanti	TCS Mastercra TM Dataplus overview Course	15-05-2024

Courses offered by Great Learning

Roll Number	Name of the Student	Name of the Course	Date
21881A0236	Manche Mallika	My SQL Basics	May 2024
21881A0237	Mende Sangeetha	Java Programming	May 2024
22881A0206	Ch Sri Harshini	Digital Marketing Strategy	May 2024
22881A0211	Gaddam Vyshnavi	Introduction to Electric Vehicles	May 2024
22881A0213	Ganji Shruthi	Introduction to Artificial Intelligence	May 2024
22881A0214	Gilla Maithri	Introduction to Electric Vehicles	May 2024
22881A0214	Gilla Maithri	Introduction to information Security	May 2024
22881A0215	Jatoth Rahul	ChatGPT for Beginners	May 2024
22881A0216	K Shiva Bhargavi	Introduction to Electric Vehicles	May 2024
22881A0217	Kaipa Dinesh Kumar	Digital Marketing Strategy	May 2024
22881A0217	Kaipa Dinesh Kumar	Digital Marketing Strategy	May 2024
22881A0218	K Vishwa Chaithanya	Introduction to Data science	May 2024
22881A0222	Kumbam Shiva Charan Reddy	Java Programming	May 2024
22881A0222	Kumbam Shiva Charan Reddy	Introduction to Electric Vehicles	May 2024
22881A0222	Kumbam Shiva Charan Reddy	Introduction to Power Electronics	May 2024
22881A0222	Kumbam Shiva Charan Reddy	Introduction to Inverters and Electric Drives	May 2024

Roll Number	Name of the Student	Name of the Course	Date
22881A0222	Kumbam Shiva Charan Reddy	Data Visualization with Power-BI	May 2024
22881A0222	Kumbam Shiva Charan Reddy	Introduction to Artificial Intelligence	May 2024
22881A0222	Kumbam Shiva Charan Reddy	Introduction to Electric Vehicles	May 2024
22881A0222	Kumbam Shiva Charan Reddy	Introduction to Inverters and Electric Drives	May 2024
22881A0222	Kumbam Shiva Charan Reddy	Introduction to MATLAB	May 2024
22881A0222	Kumbam Shiva Charan Reddy	Introduction to Power Electronics	May 2024
22881A0222	Kumbam Shiva Charan Reddy	Introduction to web Designing	May 2024
22881A0222	Kumbam Shiva Charan Reddy	Java Programming	May 2024
22881A0223	Kummari Pavani	Basic of Battery Management System in EV	May 2024
22881A0223	Kummari Pavani	Battery Technology in Electric Vehicles	May 2024
22881A0223	Kummari Pavani	ChatGPT for Beginners	May 2024
22881A0223	Kummari Pavani	Electric Vehicle Design	May 2024
22881A0223	Kummari Pavani	Front End Development-CSS	May 2024
22881A0223	Kummari Pavani	Front End Development-HTML	May 2024
22881A0223	Kummari Pavani	Introduction to Electric Vehicles	May 2024
22881A0223	Kummari Pavani	Sustainability in EVS	May 2024
22881A0232	Pothula Nikhitha	Java Programming	May 2024
22881A0239	Thati Sharmila	Introduction to Electric Vehicles	May 2024
22881A0239	Thati Sharmila	Java Programming	May 2024
22881A0240	Tirumani Ranav Aditya Goud	Excel for Beginners	May 2024
22881A0240	Tirumani Ranav Aditya Goud	Intro to Graphic Design with Photoshop	May 2024
23881A0203	Antherpula Vignesh	Introduction to Electric Vehicles	May 2024
23881A0206	Balshetty Sahithi	Python Fundamentals for beginners	May 2024
23881A0206	Balshetty Sahithi	Python Fundamentals for beginners	May 2024
23881A0208	Banoth Naveen	Human resource Management	May 2024
23881A0210	Bondeli Archana	Introduction to Electric Vehicles	May 2024
23881A0210	Bondeli Archana	Introduction to Electric Vehicles	May 2024
23881A0212	Chakali Ashok Kumar	Introduction to Electric Vehicles	May 2024
23881A0212	Chakali Ashok Kumar	Introduction to Electric Vehicles	May 2024
23881A0213	Chowdam Shivanandh	Introduction to Electric Vehicles	May 2024
23881A0213	Chowdam Shivanandh	Introduction to Electric Vehicles	May 2024
23881A0214	DManoj Kumar Reddy	Introduction to Electric Vehicles	May 2024
23881A0217	Durgam Laxman	Introduction to Electric Vehicles	May 2024
23881A0218	Gangula Vinay Reddy	Human Resource Management	May 2024
23881A0220	Guguloth Naveen	Human Resource Management	Jun 2024
23881A0223	K Hymavathi	Python Fundamentals for beginners-Live Course	May 2024
23881A0225	Kasturi Sahithi	Python Fundamental for Beginners	May 2024
23881A0241	Ponna Ruchitha	Python Fundamentals for beginners	May 2024
23881A0252	Sudini Sri Chandana	Introduction to Electric Vehicles	May 2024
23881A0252	Sudini Sri Chandana	Python Fundamentals for beginners	May 2024

Roll Number	Name of the Student	Name of the Course	Date
23885A0203	Bikkineli Sai Bharath	Battery Technology in Electric Vehicles	May 2024
23885A0204	Gandavarapu Santosh	Excel for Beginners	May 2024
23885A0205	Jamalpur Krishna Kumar	Java Programming	May 2024
23885A0205	Jamalpur Krishna Kumar	Introduction to Artificial Intelligence	May 2024
23885A0205	Jamalpur Krishna Kumar	Python Fundamentals for beginners	May 2024
23885A0205	Jamalpur Krishna Kumar	Python Fundamental for Beginners	May 2024
23885A0206	K Pavan Kumar	Python Fundamentals for beginners	May 2024
23885A0206	K Pavan Kumar	Java Programming	May 2024
23885A0206	K Pavan Kumar	Java Programming	May 2024
23885A0207	K Praveen	Introduction to Data science	May 2024
23885A0208	Kassa Pranav Kumar	Introduction to Electric Vehicles	May 2024
23885A0210	Kuthati Hari Krishna Prasad	ChatGPT for Marketing	Jun 2024
23885A0212	Modala Yeshwanthsagar	Introduction to Electric Vehicles	May 2024
23885A0216	Nerella Jayasri	Introduction to Data science	May 2024
23885A0217	Padala Vishnu Vardhan	ChatGPT for Beginners	May 2024
23885A0217	Padala Vishnu Vardhan	Digital Marketing Strategy	May 2024
23885A0222	Sambe Srinivas	Excel for Beginners	May 2024
23885A0222	Sambe Srinivas	My SQL Basics	May 2024
23885A0226	Vilasagaram Bhanu Teja	Introduction to Machine Learning	May 2024
23885A0226	Vilasagaram Bhanu Teja	Introduction to Data science	May 2024

Students Participated in Inter/Intra-College Level Events

Name of the student	Name of the Event	State-National- Inter-national level	Date of the Event	Name of the award if any
23881A0249 Santapoor Shourya	A State level cultural and sports fest, INVICTA-2024.Dramatix-Theatre Play Organized by KG Reddy College of Engineering & Technology, Hyderabad.	National Level	04-03-2024 to 06-03-2024	First
23881A0249 Santapoor Shourya	Techno cultural fest UDBHAV-2024, Dramatics organized by Vidya Jyothi Institute of Technology, Hyderabad.	National Level	01-03-2024 to 02-03-2024	First
20881A0236 Pamu Sai Naga Harshavardhan	3rd National Level Project Competition / Exhibition – VIDYUT 2024 organized by Vardhaman College of Engineering, Hyderabad.	National Level	04-04-2024	First
20881A0238 Pilli Anjali	3rd National Level Project Competition / Exhibition – VIDYUT 2024 organized by Vardhaman College of Engineering, Hyderabad.	National Level	04-04-2024	First
20881A0225 Kudumula Abhigna	3rd National Level Project Competition / Exhibition – VIDYUT 2024 organized by Vardhaman College of Engineering, Hyderabad.	National Level	04-04-2024	First

Name of the student	Name of the Event	State-National- International level	Date of the Event	Name of the award if any
20881A0237 Pasarakonda Nikhitha	3rd National Level Project Competition / Exhibition – VIDYUT 2024 organized by Vardhaman College of Engineering, Hyderabad.	National Level	04-04-2024	First
23885A0212 Modala Yeswanthsagar	ELECTROVERSE-2024, organized by Vardhaman College of Engineering, Hyderabad.	National Level	03-05-2024 to 04-05-2024	First
23885A0202 Banda Manikanta	ELECTROVERSE-2024, organized by Vardhaman College of Engineering, Hyderabad.	National Level	03-05-2024 to 04-05-2024	First
23885A0221 S Sowjanya	ELECTROVERSE-2024, organized by Vardhaman College of Engineering, Hyderabad.	National Level	03-05-2024 to 04-05-2024	First
23885A0202 Banda Manikanta	ELECTROVERSE-2024, organized by Vardhaman College of Engineering, Hyderabad.	National Level	03-05-2024 to 04-05-2024	First
23885A0203 Bikkineli Sai Bharath	ELECTROVERSE-2024, organized by Vardhaman College of Engineering, Hyderabad.	National Level	03-05-2024 to 04-05-2024	First
23885A0204 Gandavarapu Santosh	ELECTROVERSE-2024, organized by Vardhaman College of Engineering, Hyderabad.	National Level	03-05-2024 to 04-05-2024	First
23885A0211 Mantha Sreeja	ELECTROVERSE-2024, organized by Vardhaman College of Engineering, Hyderabad.	National Level	03-05-2024 to 04-05-2024	First
22881A0215 Jathoth Rahul	ELECTROVERSE-2024, organized by Vardhaman College of Engineering, Hyderabad.	National Level	03-05-2024 to 04-05-2024	First
23885A0204 Gandavarapu Santosh	ELECTROVERSE-2024, organized by Vardhaman College of Engineering, Hyderabad.	National Level	03-05-2024 to 04-05-2024	First
23885A0221 S Sowjanya	ELECTROVERSE-2024, organized by Vardhaman College of Engineering, Hyderabad.	National Level	03-05-2024 to 04-05-2024	First
23885A0203 Bikkineli Sai Bharath	ELECTROVERSE-2024, organized by Vardhaman College of Engineering, Hyderabad.	National Level	03-05-2024 to 04-05-2024	First
22881A0235 Saride Sai Sanketh	ELECTROVERSE-2024, organized by Vardhaman College of Engineering, Hyderabad.	National Level	03-05-2024 to 04-05-2024	Second
21881A0225K Shiva Bhargavi	ELECTROVERSE-2024, organized by Vardhaman College of Engineering, Hyderabad.	National Level	03-05-2024 to 04-05-2024	Second
21885A0207 Dharavath Ravi Varma	3rd National Level Project Competition / Exhibition – VIDYUT 2024 organized by Vardhaman College of Engineering, Hyderabad.	National Level	04-04-2024	Second

Name of the student	Name of the Event	State- National- Inter- national level	Date of the Event	Name of the award if any
21885A0215 Pachineelam Kailash	3rd National Level Project Competition / Exhibition – VIDYUT 2024 organized by Vardhaman College of Engineering, Hyderabad.	National Level	04-04-2024	Second
20881A0202AfrAeen Saniya	3rd National Level Project Competition / Exhibition – VIDYUT 2024 organized by Vardhaman College of Engineering, Hyderabad.	National Level	04-04-2024	Second
20881A0201Adade la Rakshith Reddy	3rd National Level Project Competition / Exhibition – VIDYUT 2024 organized by Vardhaman College of Engineering, Hyderabad.	National Level	04-04-2024	Second
20881A0233 Mohammad Masood Shareef	3rd National Level Project Competition / Exhibition – VIDYUT 2024 organized by Vardhaman College of Engineering, Hyderabad.	National Level	04-04-2024	Second
20881A0211 Challa Anjani Priya	3rd National Level Project Competition / Exhibition – VIDYUT 2024 organized by Vardhaman College of Engineering, Hyderabad.	National Level	04-04-2024	Second
23885A0210 Kuthati Hari Krishna Prasad	Ortus-2024, organized by Vardhaman College of Engineering, Hyderabad.	National Level	22-03-2024 to 23-03-2024	Runner
20881A0203 Alhari Rushitha	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	
20881A0212 Devarashetty Rudhwedh	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	
20881A0216 Golle Shashank	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	
20881A0220 Kammari Greeshma	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	
20881A0225 Kudumula Abhigna	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	
20881A0231 M. Abhishek	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	
20881A0235 Naldiga Asritha	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	

Name of the student	Name of the Event	State-National- International level	Date of the Event	Name of the award if any
20881A0237 Pasarakonda Nikhitha	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	
20881A0241 Rayapol Akhilesh	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	
20881A0242 Redapaka Rishith	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	
20881A0243 Reddygari Ananya	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	
21885A0207 Dharavath Ravi Varma	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	
21885A0208 Enjamuri Sagar	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	
21885A0213 Marka Anil Kumar	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	
21885A0214 Mirza Afroze Baig	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	
21885A0213 Thuthuku jaya Prakash	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	
21885A0218 Vajja Varun Sai	INCET-2024, IEEE Conference	International Level	24-05-2024 to 26-05-2024	
23881A0239 Pathlavath Deepika	Online Quiz Electrical Engineering, Ninthsem	National Level	16-05-2024	
23881A0207 Bandlamudi Mahendhar	Build Your Own Generative AI Model, Participation by IIT Delhi Alumnus, AI Expert	National Level	15-05-2024	
23881A0232 Medha Meka	12 Hours of Digital Skilling Programme on Effective Communication by NSDC	National Level	15-05-2024	
22881A0213 Ganji Shruthi	Build a Free Website with WordPress Online Non-Credit Project Authorized by Coursera Project Network	International Level	12-05-2024	
22881A0215 Jatoth Rahul	Embedded And Application IOT Supported Govt. of India-Nielt IEEE	National Level	12-05-2024	
22881A0223 Kummari Pavani	HackXcelerate, National Level Hackathon	State Level	27-04-2024	

Name of the student	Name of the Event	State- National- Inter-national level	Date of the Event	Name of the award if any
22881A0224 Kurella Vivekananda Chary	HackXcelerate, National Level Hackathon	State Level	27-04-2024	
22881A0226 Male Jyothi	HackXcelerate, National Level Hackathon	State Level	27-04-2024	
22881A0231 Pasupula Vishnu	HackXcelerate, National Level Hackathon	State Level	27-04-2024	
22881A0232 Pothula Nikhitha	HackXcelerate, National Level Hackathon	State Level	27-04-2024	
22881A0217 Kaipa Dinesh Kumar	First Aid and Basic Life Support Training by APPOLLO Billion Hearts Beating	National Level	06-03-2024	
21881A0202 Amulya C Patil	Mentorship Program On "Hybrid & Electric Vehicles" by Teach nook	National Level	01-03-2024 to 30-04-2024	
23881A0216 Dheeravath Chanti	Guest Talk Sudhee-2024 by Chaithanya Bharathi Institute of Technology	National Level	26-02-2024 to 27-02-2024	
23881A0213 Chowdam Shivanandh	The Game of Rounds Shruthi 2024-Soliloouy by Chaithanya Bharathi Institute of Technology	National Level	28-02-2024 to 29-02-2024	
23881A0204 B Harsha Vardhan	Roll The Code Daksha 3.O by ANURAG UNIVERSITY	National Level	23-02-2024 to 24-02-2024	
20881A0233 Mohammad Masood Shareef	Workshop on "Digital Certificate Movement in India" by CAPRICON	National Level	25-01-2024	
19881A0217 G. Manasa Priya	ICAECT-2024, IEEE Conference	International Level	11-01-2024 to 12-01-2024	
19881A0208 B. Anitha	ICAECT-2024, IEEE Conference	International Level	11-01-2024 to 12-01-2024	
19881A0240 P. Srinath	ICAECT-2024, IEEE Conference	International Level	11-01-2024 to 12-01-2024	
21881A0222 Goke Anil Kumar	Internship on "Web Development" by Prodigy Infotech	National Level	15-12-2023 to 15-01-2024	







Smart City

A “smart city” is not a particularly new concept. Urban planners and city governments have been implementing automated or digital solutions to provide improved services for years. Emphasis has been on digitizing what exists and making services more efficient (e.g., meter reading, traffic flow, building energy management, online tax and utility payments, court records, digital libraries). A “smart city” is about more than the sum of the automation and digital endeavors, however; it is about those who reside or work in the environment.



It is projected that by 2025 smart cities will be a \$1.2 trillion market. The development of smart cities involves many technology industry verticals and horizontals, and the marketers are at full-tilt, packaging solutions with new labels and snappy language. The consultants may likely be the winners if the journey is led only by industry, and the citizens could be losers if they are not the key consideration for smart city strategies and implementations. Focus less on the marketed efficiencies and more on the real needs of the people in a city. Do we need to control the allocation and use of precious resources such as water? If so, how can such a service or solution be defined to be equitable and just? Determine the overall well being of the target city, and identify and prioritize the issues to be addressed. Is social well being at the heart of a smart city definition? There are numerous ethical and practical considerations for the implementation of smart cities, such as ensuring that the digital divide between socio-economic groups is addressed so that everyone has the opportunity to make a decent living in smart cities. There is no single definition for smart cities today. However, the main concept adopted in the vast majority of definitions, frameworks and projects is the use of ICT for creating greater efficiencies in a city's services and resources.

Editorial Members

Chief Mentors	Dr. J V R Ravindra, Principal, VCE Dr. N. Karupiah, HoD, EEE, VCE
Editor	Dr. K. Muruga Perumal, Associate Professor - EEE
Student Editors	S Sai Shashank—21881A0248 M Yogesh —21881A0256 K Shiva Bhargavi—22881A0216 Pavani—22881A0223

Department Staff

S.No	Name of the Faculty	Designation
1	Dr. N. Karuppiah	HoD & Professor
2	Dr. H.S. Jain	Professor
3	Dr. S. Ravivarman	Professor
4	Dr. Md. Asif	Associate Professor
5	Dr. Muruga Perumal	Associate Professor
6	Dr. B. Praveen Kumar	Associate Professor
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27	Mr. D. Santhosh	Lab Assistant
28	Ms. K. Latha	Lab Assistant
29	Ms. G. Mamatha	Lab Assistant
30	Ms. P. Mallika	DTP Operator
31	Mr. K. Anjaneya Reddy	NCC, ANO

Vision

- To be a pioneer institute and leader in engineering education to address societal needs through education and practice.

Mission

- To adopt innovative student centric learning methods.
- To enhance professional and entrepreneurial skills through industry institute interaction.
- To train the students to meet the dynamic needs of society.
- To promote research and continuing education.

Quality Policy

We at Vardhaman College of Engineering, endeavor to uphold excellence in all spheres by adopting the best practices in effort and effect.

Core Values:

•Academic Integrity

Achieving success by being sincere, loyal and ethical in all our practices

•Mutual Respect

Extending courtesy to all the stakeholders and promoting a culture of inclusion and fairness.

•Social Responsibility

Being responsible citizens, share our collective achievements and contributions to the world around us.

•Accountability

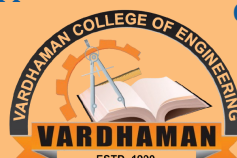
Accountable for our actions to the stakeholders in general and students in particular.

•Adaptability

Embrace change as a path to progress, success and innovation.

•Creativity

Become a change agent to performance, innovation and student success.



VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Affiliated to JNTUH, Approved by AICTE, Accredited by NAAC with A++ Grade, ISO 9001:2015 Certified

Kacharam, Shamshabad, Hyderabad – 501218, Telangana, India