



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

July - December, 2024

GATEWAY TO JOBS

Interviews are your chance to sell your skills and abilities. Follow the tips here to ace your interviews.

- **Be aware of your body language:** Sit upright, avoid unnecessary movements, and maintain a relaxed and attentive posture.
- **Control your speaking pace:** Speak clearly and avoid speaking too quickly when you are nervous.
- **Be prepared for unexpected questions:** Stay calm and take a few seconds to think before answering unfamiliar questions.
- **Know your strengths with evidence:** Instead of simply saying you are a good team player or problem solver, give a short example that proves it.
- **Prepare a professional portfolio if appropriate:** Keep project reports, certificates, GitHub work, designs, publications, or other relevant achievements ready to share.
- **Check your online presence:** Make sure your professional profiles and publicly visible information present you appropriately.
- **Carry everything you may need:** Keep your resume, certificates, portfolio, identification, stationery, and other required documents organized and ready.
- **Stay calm if you make a mistake:** Correct yourself politely and continue rather than allowing one mistake to affect the rest of the interview.
- **Focus on what you can contribute:** Show the interviewer how your skills, attitude, and knowledge can add value to the organization.
- **Learn from every interview:** Write down the questions you found difficult and use them to improve your preparation for the next opportunity.

Academic Results:

Year	Total appeared	Total Passed	Pass%
IV/IV B.Tech (VIII Semester)	179	179	100
III/IV B.Tech (VI Semester)	114	102	89.47
II/IV B.Tech (IV Semester)	121	75	61.98
I/IV B.Tech (II Semester)	105	57	54.28

List of the students who won prizes in Paper Presentations & other events :-

Sl. No	Roll No	Name of the student	Name of the meet/ Contest	Date	Organized Institution	Activity	Awards
1	L24EE141	P Tejeswararao	Vidyut Tarang COLORIDO 2024	28-12-2024	R.V.R&J.C College Engineering Guntur of	ElectricIQ	First Prize
2	Y23EE058	M Jayaram Jagadeesh	Innofusion	01-10-2024	R.V.R&J.C College Engineering Guntur of	IEEE	First Prize
3	Y23EE060	NL Tirupathamma	COLORIDO-2024	27-12-2024&28-12-2024	R.V.R&J.C College Engineering Guntur of	Dramatics(Mime)	Second prize
4	Y24EE041	K Lahari	COLORIDO-2024	27-12-2024&28-12-2024	R.V.R&J.C College Engineering Guntur of	Music &Band	First prize
5	Y24EE041	K Lahari	L&CC	27-12-2024&28-12-2024	Music Club, R.V.R&J.C College Engineering Guntur of	Singing	First prize
6	Y24EE041	K Lahari	COLORIDO-2024	27-12-2024&28-12-2024	R.V.R&J.C College Engineering Guntur of	Music &Band(classical Solo)	Third prize
7	Y24EE041	K Lahari	COLORIDO-2024	20-12-2024&24-12-2024	R.V.R&J.C College Engineering Guntur of	Music &Band(classical Solo)	First prize

List of the students who are participated in Paper Presentations & other events :-

S.NO	Roll No	Name of the student	Name of the meet/ Contest	Date	Organized Institution	Activity	Awards
1.	L24EE126	Gangu Pavan	Vidyut Taranga 2024	28-12-2024	RVR & JCCE	Colorido 2024	Participation
2.	L24EE132	Inti Sattibabu	Samkalp, A National Level Student Techno	27-09-2024	Kallam Haranadha reddy institute of technology	Paper Presentation	Participation
3.	L24EE136	Mandla Gangaa Sandilya	Samkalp, A National Level Student Techno	27-09-2024	Kallam Haranadha reddy institute of technology	Paper Presentation	Participation
4.	L24EE136	Mandla Gangaa Sandilya	Vidyut Taranga 2024	28-12-2024	RVR & JCCE	Electrovista	Participation
5.	L24EE136	Mandla Gangaa Sandilya	Vidyut Taranga 2024	28-12-2024	RVR & JCCE	Colorido 2024	Participation
6.	L24EE137	Medepalli Ratna Preshith Vardhan	The Indian Society for Technical Education	18-11-2024	RVR & JCCE	Technical	Participation
7.	L24EE137	Medepalli Ratna Preshith Vardhan	Tech Trivia – An intra College online	15-09-2024	RVR & JCCE	Quiz	Participation
8.	L24EE137	Medepalli Ratna Preshith Vardhan	Vidyut Taranga 2024	28-12-2024	RVR & JCCE	Electriciq	Participation
9.	L24EE138	Modalavalasa Satyanarayana	Acharya Nagarjuna University	17-02-2025 & 18-02-2025	RVR & JCCE	Handball	Participation
10.	L24EE138	Modalavalasa Satyanarayana	Vidyut Taranga 2024	28-12-2024	RVR & JCCE	Electriciq	Participation
11.	L24EE141	Patnana Tejeswara Rao	The Indian Society for Technical Education	18-11-2024	RVR & JCCE	Technical	Participation
12.	L24EE141	Patnana Tejeswara Rao	Samkalp, A National Level Student Techno	27-09-2024	Kallam Haranadha reddy institute of technology	Paper Presentation	Participation
13.	L24EE141	Patnana Tejeswara Rao	Tech Trivia – An intra College online	15-09-2024	RVR & JCCE	Quiz	Participation
14.	L24EE141	Patnana Tejeswara Rao	Vidyut Taranga 2024	28-12-2024	RVR & JCCE	Electriciq	Participation
15.	L24EE143	Rachamreddy Dastagiri Reddy	Role of Renewable Energy in Sustainable Development	03-04-2025	RVR & JCCE	IEEE AI, IoT& Clean Tech Chapter RVR	Participation
16.	L24EE143	Rachamreddy Dastagiri Reddy	Vidyut Taranga 2024	28-12-2024	RVR & JCCE	Electrovista	Participation
17.	L24EE143	Rachamreddy Dastagiri Reddy	Vidyut Taranga 2024	28-12-2024	RVR & JCCE	Sports	Participation

18.	L24EE143	Rachamreddy Dastagiri Reddy	Vidyut Taranga 2024	28-12-2024	RVR & JCCE	Posto Preso	Participation
19.	Y23EE003	Ankam Gayathri	Vidyut Tarang - 2025	28-12-2024	RVR & JC CE	Electriciq	Participation
20.	Y23EE003	Ankam Gayathri	Vidyut Tarang - 2025	28-12-2024	RVR & JC CE	Posto Preso	Participation
21.	Y23EE008	Bodi Hari Priya	Vidyut Tarang - 2025	28-12-2024	RVR & JC CE	Electriciq	Participation
22.	Y23EE008	Bodi Hari Priya	Vidyut Tarang - 2025	28-12-2024	RVR & JC CE	Posto Preso	Participation
23.	Y23EE013	Boorsu Teja	The Indian Society for Technical Education	18-11-2024	RVR & JCCE	Technical	Participation
24.	Y23EE013	Boorsu Teja	Vidyut Tarang - 2024	28-12-2024	RVR & JC CE	Electrovista	Participation
25.	Y23EE013	Boorsu Teja	Tech Trivia – An intra College online	15-09-2024	RVR & JCCE	Quiz	Participation
26.	Y23EE015	Chava Veda	Vidyut Tarang - 2024	28-12-2024	RVR & JC CE	Colorido	Participation
27.	Y23EE016	Chennu Keerthi	The Indian Society for Technical Education	18-11-2024	RVR & JCCE	Technical	Participation
28.	Y23EE045	K J Naga Sai Venkat	The Indian Society for Technical Education	18-11-2024	RVR & JCCE	Technical	Participation
29.	Y23EE045	K J Naga Sai Venkat	Techspardha 2K24	12/28/2024	RVR & JC CE	Tech Quest	Participation
30.	Y23EE054	Mandalapu Sarth Kumar	The Indian Society for Technical Education	18-11-2024	RVR & JCCE	Technical	Participation
31.	Y23EE054	Mandalapu Sarth Kumar	Techsculpt: Crafting Careers through AI and Innovation	22-07-2025	RVR & JCCE	IEEE PES SB Chapter RVR	Participation
32.	Y23EE058	Mogadala Jayaram Jagadeesh	The Indian Society for Technical Education	18-11-2024	RVR & JCCE	Technical	Participation
33.	Y23EE058	Mogadala Jayaram Jagadeesh	IEEE Power Engineering Society	01-10-2024	RVR & JCCE	Project	Participation
34.	Y23EE061	Nukala Venkata Sai Lakshmi Meghana	Project Contest	01/10/2024	RVR & JC CE	IEEE Power Engg.,	Participation
35.	Y23EE061	Nukala Venkata Sai Lakshmi Meghana	Learaging Water for Peace	22/03/2024	RVR & JCCE	Quiz	Participation
36.	Y23EE060	Nenavath Lakshmi Tirupathamma	National Level Technical	27-12-2024	28-12-2024	Dramatics (Mime)	Participation

37.	Y23EE066	Pathan Fateh Khan	Vidyut Tarang - 2024	28-12-2024	RVR & JC CE	Electrovista	Participation
38.	Y23EE075	Rakesh Kambala	Vidyut Tarang - 2024	28-12-2024	RVR & JC CE	Electrovista	Participation
39.	Y23EE075	Rakesh Kambala	SPARDHA 2024		VVIT	National Level	Participation
40.	Y23EE078	Reddy Rajya Lakshmi	Leveraging Water for Peace	22-03-2024		Quiz	Participation
41.	Y23EE080	Sangapalli Jaya Chandra	CIS'Soiree 2024	28/12/2024	RVR & JC CE	Technical Event Scintilla	Participation
42.	Y23EE080	Sangapalli Jaya Chandra	Tech Trivia – An intra College online	15-09-2024	RVR & JCCE	Quiz	Participation
43.	Y23EE081	Sanigandla Vinay	CIS'Soiree 2024	28/12/2024	RVR & JC CE	Technical Event Scintilla	Participation
44.	Y23EE085	Shaik Shaheen Muskan	CIS'Soiree 2024	28-12-2024	RVR & JC CE	Instamaze	Participation
45.	Y23EE089	Syed Mubina	IEEE Power Engineering Society	15-09-2024	RVR & JC CE	Online Quiz	Participation
46.	Y23EE089	Syed Mubina	Vidyut Tarang - 2024	28-12-2024	RVR & JC CE	Electrovista	Participation
47.	Y23EE089	Syed Mubina	Vidyut Tarang - 2024	28-12-2024	RVR & JC CE	Electrovista	Participation
48.	Y23EE090	Thadi Naga Rajesh	Vidyut Tarang - 2024	28-12-2024	RVR & JC CE	Electrovista	Participation
49.	Y23EE092	Thota Gayathri	Vidyut Tarang - 2024	28-12-2024	RVR & JC CE	Electrovista	Participation
50.	Y23EE100	Vandana Pradeep	Vidyut Tarang - 2024	28-12-2024	RVR & JC CE	Colorido	Participation

Technical Fest

EEE department organized a technical fest 'VIDYUT TARANG – 2024' on 28 December 2024. Four events were organized under the technical fest Electrovista for paper presentation, Posto Preso for poster presentation, Innovarena for model exhibition, ElectricIQ for Technical Quiz. Total registrations of 129 Teams for all the four events from 11 various Institutions where participated.

Industrial Visit

- All the III year B.Tech students visited 400/220KV Substation, Sattenapalle, on 24 September 2024, as a part of their short Industrial Visit.

Seminars/ Workshops/Conferences/Short Term Courses/ Symposia attended by the faculty:

- P.V.Mahesh, Five day online FDP, ‘Renewable Energy and Smart Transportation’, SRM University, during 22 to 26 July 2024.
- P.V.Mahesh, N.Dharani Kumar, Y.Sumanth, Three day FDP, ‘Generative AI tools for Research and Academic Excellence’, Department of CSE & CSBS, RVR & JCCE during 27 to 29 August 2024.
- A.Rama Koteswara Rao, Three day online FDP, ‘Certain aspects of Electric Vehicles to achieve Sustainable Energy’, Vignan's Lara Institute of Technology & Science from 23 to 25 August 2024.
- K. Radha Rani, P.V.Mahesh one week workshop, ‘AI/ML based Controllers Design and their Applications in Real-Time Platform’, NIT Rourkela from 28 September to 02 October 2024.
- A.Rama Koteswara Rao, ATAL FDP, ‘Agricultural PV Systems and Electric Vehicles: Pioneering Sustainable Energy and Transportation Solutions’, Vignan's Lara Institute of Technology & Science from 25 November to 07 December 2024.

Training & Placement Information:

- The following student of IV/IVB.Tech (EEE) selected by **M/s. CTS.** during the campus recruitment exercise held on 12th September, 2024.

S.No.	Regd. No.	Name of the Student	Course & Branch
1	Y21EE083	TERLI MEGHANA	B.Tech (EEE)

- The following students of IV/IVB.Tech (EEE) selected by **M/s.TCS**, during the campus recruitment exercise held on 03rd to 5th october, 2024.

S.No.	Regd. No.	Name of the Student	Course&Branch
1	L22EE121	ADDURI SRIRAM	B.Tech (EEE)
2	L22EE127	DODDI PRAVEEN KUMAR	B.Tech (EEE)
3	L22EE128	DUGGIRALA AJAY SAGAR	B.Tech (EEE)
4	L22EE130	GARIMELLA MOHAN KRISHNA SAI RAM	B.Tech (EEE)
5	Y21EE041	MADDULA J D S S SRI HARSHA	B.Tech (EEE)
6	Y21EE048	MULLAPUDI TEJA SREE	B.Tech (EEE)
7	Y21EE052	NAIDU RUPA SRI PRAZNA	B.Tech (EEE)
8	Y21EE073	SHAIK AYESHA FIRDOSH	B.Tech (EEE)
9	Y21EE083	TERLI MEGHANA	B.Tech (EEE)

- The following students of IV/IVB.Tech (EEE) selected by **M/s. Surys Tech Solutions** during the campus recruitment exercise held on 22nd october, 2024.

S.No.	Regd. No.	Name of the Student	Course & Branch
1	L22EE121	ADDURI SRIRAM	B.Tech (EEE)
2	L22EE124	BADAVATH GOPI NAIK	B.Tech (EEE)
3	L22EE125	BATTULA YESU BABU	B.Tech (EEE)
4	L22EE126	CHERUKULA SAI VIJAY KUMAR	B.Tech (EEE)
5	L22EE127	DODDI PRAVEEN KUMAR	B.Tech (EEE)
6	L22EE129	GANDREDDI DURGA MANIKANTA	B.Tech (EEE)
7	L22EE133	KANUMARLAPUDI SAITEJA	B.Tech (EEE)

- The following students of IV/IVB.Tech (EEE) selected by **M/s. Acmegrade**, during the campus recruitment exercise held on 24th october, 2024.

S.No.	Regd. No.	Name of the Student	Course & Branch
1	Y21EE033	KOMMI MANASA	B.Tech (EEE)

- The following students of IV/IVB.Tech (EEE) selected by **M/s. Sai Life Sciences Limited**, during the campus recruitment exercise held on 24th November, 2024.

S.No.	Regd. No.	Name of the Student	Course & Branch
1	Y21EE011	CHINTALAPATI LAKSHMI NAGA SAI VYSHNAVI	B.Tech (EEE)
2	Y21EE040	KURCHETI CHARITHA PRASUNA LAHARI	B.Tech (EEE)

- The following student of IV/IVB.Tech (EEE) selected by **M/s. JSW** during the campus recruitment exercise held on 17th December, 2024.

S.No.	Regd. No.	Name of the Student	Course & Branch
1	Y21EE042	MAGULURI VIVEK	B.Tech (EEE)

R & D Activities:-

Research Papers Published in Journals:

- Rama Koteswara Rao Alla, Rajani Kandipati, Ravindranath Tagore Yadlapalli, Sarayu Vunnam, ‘Monocrystalline photovoltaic material based symmetrical and unsymmetrical Triple-Series Parallel-Ladder configuration for harvesting maximum power under partial shading conditions’, Results in Optics, Vol. 16, 100682, July 2024.

- Yadlapalli Ravindranath Tagore, 'Performance analysis of wide bandgap GaN based interleaved converter for CPU Voltage Regulator Applications', Suranaree Journal of Science and Technology. Vol. 31, No. 5, pp. 1-10, July 2024.
- Yadlapalli Ravindranath Tagore, Kotapati, Anuradha, Chandra Sekhar Koritala, 'Discrete Control of Quadratic Converter for Solid State LED Driving Applications', Journal of Engineering Science and Technology Review, Vol. 17, No. 4, pp. 1-8, July 2024.
- Gopu Veeranjanyulu, Mudakapla Shadaksharappa Nagaraj, 'Islanded microgrid: hybrid energy resilience optimization', Indonesian Journal of Electrical Engineering and Computer Science, Vol. 35, No. 2, pp.693-703, Aug 2024.
- Rama Koteswara Rao Alla, Rajani Kandipati, Ravindranath Tagore Yadlapalli, 'Improved Sliding Mode Control for Tracking Global Maximum Power of Triple Series Parallel Ladder Photovoltaic Array under Uneven Shadowing', Clean Energy, Vol. 8, No. 5, pp. 54-72, October 2024.
- Sree Lakshmi, Bharat Siva Varma, K. Ashok Kumar, Y. Sumanth, 'Simple Genetic Algorithm Based Random Testing For Reducing Faulty Test Cases', Journal of Theoretical and Applied Information Technology, Vol. 102, No. 22, ISSN: 1992-8645, Nov 2024.
- N.C. Kotaiah, Sumalatha Madugula, Aravind Gunda, Yandra Srinivas, G.Naga Raju, Siva Ganga Badipati, Borra Bhavitha, 'Empathizing Parkinson's Disease Usingsupervised Learning Methods', Journal of Theoretical and Applied Information Technology, Vol. 102, Issue No.21, pp. 7615-7623, Nov 2024.
- Ravindranath Tagore Yadlapalli, Rajani Kandipati, Rama Koteswara Rao Alla, 'Performance Analysis of Fuzzy-SMC based MPPT Algorithm for Solar PV Systems', IJICA, Vol. 15, No. 1, pp. 38-49, Dec 2024.
- Gopu Veeranjanyulu, Mudakapla Shadaksharappa Nagaraj, 'Adaptive fuzzy PID integrated renewable power management system for off grid and on grid conditions', IJPEDS, Vol. 15, No. 4, pp. 2580-2590, Dec 2024.
- N.C. Kotaiah, J. Srinu Naick, G. Chandra Sekhar, Mallipeddi Anitha, B. Gopi Raja Naik, 'Optimizing Solar and Wind Energy Integration in Grid-Connected EV Fast Charging Systems using Fuzzy Logic Control for Improved Stability and Power Quality', International Journal of Electrical and Electronics Engineering, Vol.11, Issue.12, pp. 119-136, Dec 2024.

- J. Srinu Naick, G. Chandra Sekhar, N.C. Kotaiah, Mallipeddi Anitha, B. Gopi Raja Naik, 'Optimizing Solar and Wind Energy Integration in Grid-Connected EV Fast Charging Systems using Fuzzy Logic Control for Improved Stability and Power Quality,' SSRG International Journal of Electrical And Electronics Engineering, Vol. 11, No. 12, pp. 119-136, Dec 2024.
- Radha Rani Korrapati, Chaitanya Nimmagadda, 'Chernobyl Disaster Optimizer-Based Optimal Integration of Hybrid Photovoltaic Systems and Network Reconfiguration for Reliable and Quality Power Supply to Nuclear Research Reactors', Modelling, Vol. 5, Issue 3, pp. 1268–1285, ISSN: 2673-3951, 2024.
- K.NarendraBabu, G.Saravanan, A. Rama Koteswara Rao, 'An Enhanced Sparrow Search Algorithm for Solving Optimal Power Flow Problem Considering Renewable Energy Systems', IJIES, Vol. 17, No. 2, pp. 201-209, 2024.
- J.Namratha, P.Venkatasubramanian, A.Rama Koteswara Rao, 'A hybrid SCSO-QNN approach based load frequency control of three area power system with renewable sources using FOPID controller', Smart Science, Vol. 12, No. 4, pp. 593-607, 2024.

Paper Presentations in Conferences

- P.Venkata Mahesh, S.Meyyappan, A.Rama Koteswara Rao, 'A Hybrid MPPT Technique using Regression Machine Learning and P&O Algorithm for Solar PV Systems under Partial Shading', International Conference IEEE SILCON 2024, organized by NIT Agartala, Tripura, 15 -17, November 2024.

Ph.D Awarded

- V.Sarayu was awarded Ph.D by Annamalai University, Tamil Nadu, in September 2024. The title of the thesis was 'Investigations on Photovoltaic Materials for Maximum Power Enhancement from Photovoltaic Array under Partial Shading Situations' under the Co-guidance of A.Rama Koteswara Rao.
- P.V.Mahesh was awarded Ph.D by Annamalai University, Tamil Nadu, in December 2024. The title of the thesis was 'Maximum Power Point Tracking of Solar PV Systems through Regression based Machine Learning Algorithms' under the Co-guidance of A.Rama Koteswara Rao.

Book-Chapter Published

- Rama Koteswara Rao Alla, Neeli Manoj Venkata Sai, Kandipati Rajani ‘Artificial Intelligence Techniques based PID Controller for Speed Control of DC Motor’, The Future of Computing: Ubiquitous Applications and Technologies, Vol.1, pp. 70-80, December 2024.

Honors

- A.Rama Koteswara Rao, G.V. Prasanna Anjaneyulu received certificate of appreciation for being recognized as ‘NPTEL DISCIPLINE STAR’ in Computer Science Engineering from IIT Madras during July-December 2024 for completing 80 weeks courses in NPTEL.



Awarding prize to winner by K.Radharani, K. Swarnasri, K. Chandra Sekhar(HoD), G. Sambasiva Rao, N.C.Kotaiah



Award winning in A National Level Electric Bike Design Challenge 2024

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