



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

January - June, 2024

GATEWAY TO JOBS

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

- **Know your resume thoroughly:** Be prepared to explain every skill, project, certification, internship, and achievement mentioned on it.
- **Research the company:** Learn about its products, services, culture, recent developments, and the position you are applying for.
- **Understand the job description:** Identify the key skills required and prepare examples that demonstrate how you match those requirements.
- **Prepare a strong self-introduction:** Keep your introduction short, clear, and focused on your education, skills, experience, achievements, and career goals.
- **Be prepared to explain your projects:** Clearly describe the problem, your approach, technologies used, your individual contribution, and the final outcome.
- **Prepare for behavioural questions:** Think of real examples that demonstrate teamwork, leadership, problem-solving, communication, adaptability, and time management.
- **Avoid memorizing answers word-for-word:** Understand the key points you want to communicate so your responses sound natural.
- **Use the STAR method:** For experience-based questions, explain the Situation, Task, Action, and Result to give structured and convincing answers.
- **Show enthusiasm for the role:** Explain what interests you about the position and how it connects with your career goals.

Academic Results:-

Year	Total Appeared	Total Pass	Pass %
IV/IV B.Tech (VII Semester)	137	133	98.54
III/IV B.Tech (V Semester)	113	98	86.73
II/IV B.Tech (III Semester)	128	91	71.09
I/IV B.Tech (I Semester)	106	73	68.86

GATE Results:

The following is list of students who qualified in GATE-2024

S.No	Regd.No.	Name of the student	Hall Ticket Number	All India Rank	Marks Obtained	Gate Score
IV/IV B.Tech						
1	Y20EE048	G.Vignan Tharun Kumar	EE24S87106226	10453	23.33	319
2	Y20EE044	Ramya Gottipati	EE24S87106220	17839	19	262

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	Y21EE011	Ch..VYSHNA VI	ISIE-2024	24 th -28 th January 2024	IES UNIVERSITY, BHOPAL	E-BIKE COMPETITION	FIRST PRIZE
2	Y21EE028	K.ASHOK	ISIE-2024	24 th -28 th January 2024	IES UNIVERSITY, BHOPAL	E-BIKE COMPETITION	FIRST PRIZE
3	Y21EE032	K.TEJA	ISIE-2024	24 th -28 th January 2024	IES UNIVERSITY, BHOPAL	E-BIKE COMPETITION	FIRST PRIZE

4	Y21EE026	K.BHARGAV I	ISIE-2024	24 th -28 th January 2024	IES UNIVERSITY, BHOPAL	E-BIKE COMPETITI ON	FIRST PRIZE
5	Y21EE023	J.NAVEEN KUMAR	ISIE-2024	24 th -28 th January 2024	IES UNIVERSITY, BHOPAL	E-BIKE COMPETITI ON	FIRST PRIZE
6	Y21EE021	G.SANDEEP RATNAKAR	ISIE-2024	24 th -28 th January 2024	IES UNIVERSITY, BHOPAL	E-BIKE COMPETITI ON	FIRST PRIZE
7	Y21EE059	P.SANTOSH KUMAR	ISIE-2024	24 th -28 th January 2024	IES UNIVERSITY, BHOPAL	E-BIKE COMPETITI ON	FIRST PRIZE
8	Y23EE040	K Rattanabhusha nam	ANU Inter college Tournament	01-03-2024 to 02-03-2024	ANU Nagarjuna Nagar	Soft ball(men)	Second Prize
9	Y23EE040	K Rattanabhusha nam	ANU Inter college Tournament	31-01-2024 to 01-02-2024	ANU Nagarjuna Nagar	Base ball(men)	Second Prize
10	L21EE190	K.Jeshwanth	A National Level Technical (Colorido 2024)	15 th & 16 th February 2024	RVR & JC College of Engg.	Folk (group)	Second Prize
11	L21EE190	K.Jeshwanth	Vidyut Tarang 2k24	16 th February 2024	RVR & JC College of Engg.	Innovarena	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.	Y23EE013	Boorsu Teja	World Water Day 2024	22-03- 2024	RVR & JCCE	Leveraging Water for Peace 'Quiz'	Participation
2.	Y23EE015	Chava Veda	World Water Day 2024	22-03- 2024	RVR & JCCE	Leveraging Water for Peace 'Quiz'	Participation
3.	Y23EE080	Sangapalli Jaya Chandra	World Water Day 2024	22-03- 2024	RVR & JCCE	Leveraging Water for Peace 'Quiz'	Participation
4.	Y23EE081	Sanigandla Vinay	World Water Day 2024	22-03- 2024	RVR & JCCE	Leveraging Water for Peace 'Quiz'	Participation
5.	Y23EE085	Shaik Shaheen Muskan	World Water Day 2024	22-03- 2024	RVR & JCCE	Leveraging Water for Peace 'Quiz'	Participation
6.	Y23EE093	Thotakura	World Water	22-03-	RVR & JCCE	Leveraging	Participation

		Vineetha	Day 2024	2024		Water for Peace 'Quiz'	
7.	Y23EE100	Vandana Pradeep	World Water Day 2024	22-03-2024	RVR & JCCE	Leveraging Water for Peace 'Quiz'	Participation
8.	Y23EE040	K Ratnabhushanam	ANU	1 st and 3 rd March 2024	RVR & JCCE	Soft Ball	Participation
9.	Y23EE040	K Ratnabhushanam	ANU	1 st and 3 rd March 2024	RVR & JCCE	Baseball Ball	Participation
10	Y23EE045	K J Naga Sai Venkat	Technophilia 2K24	16/02/2024	RVR & JC CE	Tech Quiz	Participation
11	Y22EE074	Sk.Hespibha Hussain	Annual Festival	28 th & 29 th February 2024	V R Siddhartha Engg. College	Aroma Quest	Participation
12	Y22EE009	Bolla.Anusri	Vidyut Taranga 2024	16-02-2024	RVR & JCCE	Electric IQ	Participation

Workshops Organized

- Alumni cell & College NSS wings have organized one day workshop for faculty members on 'ASPIRE- A Self Programming into Redefining Efficacy' on 10 April 2023. Mr. Arun Murthy Battula FRSA, Director, Sharda Group of companies, Europe, Mr. K. Sridhar Babu Motivational speaker, Consultant trainer, Business coach MD, Bhava Developers, Guntur, Ms. Prashanti Bandi, Section Manager in the Remediation Division for Texas Commission on Environmental Quality, Austin, Texas are the resource persons.
- Two day training programme to outsourcing employees of APTRANSCO on 'Electrical Safety measures', organized by APTRANSCO & department of EEE during 28-29 April 2023.

Guest Lecture Organized

- Guest lecture was conducted on 'Recent Advances in Semiconductor Technology', by IETE Students Forum of ECE Department on 13 March, 2024. Sri Vasireddy Vamsi Gopal, R&D Engineer, IC Design, Broadcom, USA, spoke at the the session with the students of III and final B.Tech.

Industrial Visit

- All the III year B.Tech students visited Andhra Pradesh Med Tech Zone (AMTZ), Visakhapatnam, during 24 March 2024, as a part of their Industrial Visit.

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

- K.Radha Rani, one week FDP, ‘Applications of Machine Learning Techniques in Sustainable Technologies’, National Institute of Technology Rourkela, 24-28 Jan 2024.
- A.Rama Koteswara Rao, one week STTP, ‘Viksit Bharat 2047- Role of Engineering Faculty’, Kadapa and Anantha Lakshmi Institute of Technology and Sciences, Ananthapuramu, from 29 Jan to 02 Feb 2024.
- G.V. Prasanna Anjaneyulu, AICTE recognized FDP, ‘NSQF Aligned Skill Development’, Curriculum Development Centre Department, Narasaraopeta Engineering College, during 19-23 Feb 2024.
- P.Tripura, one day webinar, ‘The responsible practice of Generative Artificial Intelligence for Industrial systems and Technologies’, IEEE IES, 25 Mar 2024.
- P.Tripura, National Level one week FDP, ‘National Education Policy 2020 - Challenges in implementation in Higher Education’, IEEE Education Society Student Branch Chapter CBIT and IEEE Young Professionals, 18-23 March 2024.
- N. C. Kotaiah, Veeranjanyulu Gopu, one week STTP, ‘AI Techniques in Electrical Systems’, Department of EEE, Bapatla Engineering College, from 15-20 April 2024.
- K. Radha Rani, N. C. Kotaiah, A.Rama Koteswara Rao one day workshop, ‘Sexual Harassment of women at work place (Prevention, Prohibition and Redressal) Act 2013’, Internal Complaints Committee of RVR&JCCE on 03 April 2024.
- K. Radha Rani, one day workshop, ‘Crafting Excellence: A Workshop on Mastering outcome Based Education for Faculty’, IEEE RVRJCCE student branch, 04 April 2024.
- G. Sambasiva Rao, A.Rama Koteswara Rao, P.V.Mahesh, one day workshop, ‘Think Beyond: One-Day Faculty Workshop on Validating Ideas’, RVR&JCCE, on 15 June 2024.
- N.Dharani Kumar, one day online workshop, ‘Data Analytics & AI organized by Centre for Computer Science and Information Technology’, Manjeri, University of Calicut in association with IPSR solutions, 15 June 2024.
- Y.Suri Babu, G. Veeranjanyulu, five day online FDP, ‘Recent Trends in Renewable and Electric Vehicle Technologies’, Department of EEE, Lakireddy Balireddy College of Engineering, from 03-07 June 2024.

R & D Activities:-

Research Papers Published in Journals:

- Rachakonda Raghavendra, N.C. Kotaiah and K. Radha Rani, ‘Artificial Neural Network based FACTS in a Contingency Situation’, International Journal of Electrical and Electronics Research, Vol. 12, Issue 01, pp. 8-11, Jan 2024.
- Ch. Naga Sai Kalyan, G. Sambasiva Rao, Mohit Bajaj, Baseem Khan & Majeed Rashid Zaidan, ‘Frequency regulation of geothermal power plant integrated realistic power system with 3 DOFPID controller’, Cogent Engineering, Vol. 11, No. 1, March 2024.

- Chaitanya Nimmagadda, Veeranjaneeyulu Gopu , Palle Deepak Reddy, Munigoti Srinivasa Giridhar, Gudipudi Nageswara Rao, Sarath Chandra Boppudi, Parvathaneni Phani Prasanthi, 'Leveraging renewable energy sources for sustainable traction vehicles', Indonesian Journal of Electrical Engineering and Computer Science, Vol. 34, No. 1, pp. 40-49, ISSN: 2502-4752, April 2024.
- J. Nancy Namratha, P. Venkata Subramanian, Rama Koteswara Rao Alla, 'Dynamical Model-Based Load Frequency Control of a Modern Power System Integrated With Delays, EV & RES', Proceedings on Engineering Sciences, Vol. 06, No. 1, pp. 383-396, April 2024.
- A. Geetha Devi, T.V.K.P. Prasad, K.Vidya Sagar, M. Prema Kumar, Bala Prasanthi Pavuluri, Lakshmi Ramani Burra, B.Veera Vasanth Rao, 'Crop Yielding Rate Prediction And Analysis Using Deep Machine Learning Algorithms', Journal of Theoretical and Applied Information Technology, Vol.102. No. 7, ISSN: 1992-8645, April 2024.
- M. V. Ramesh, K. Swarnasri, P. Muthukumar, Ponnamm Venkata Kishore Babu, 'Improved Skill Optimization Algorithm Based Optimal Power Flow Considering Open-Access Trading of Wind Farms and Electric Vehicle Fleets', International Journal of Intelligent Engineering and Systems, Vol.17, No.2, May 2024.
- M. Raja Nayak, K. Chandra Sekhar, 'Computation of corona generated ionic current environment of unipolar UHVDC transmission lines using gas bimolecular collision theory', Journal of Electric Power Systems Research, Vol. 230, May 2024.
- K. Jennifer, A.Nagaraju, Ch. Renukswararao, Ch. Rakesh, G. Bala Bhargav, G.Sambasiva Rao, 'Controller Design of DFIG-Based Wind Turbine By Using De-Optimization Techniques', IJARIE, ISSN:2395-4396, Vol.10, Issue 2, May 2024.
- Ankineedu Prasad Padamata, Gudapati Sambasiva Rao, 'A Comparative Analysis on Proportional-Integral and Fuzzy-Logic Control Strategies for Doubly-Fed Induction Generators', WSEAS Transactions on Systems and Control, Vol. 19, E-ISSN: 2224-2856, May 2024.
- Koganti Srilakshmi, Gummadi Srinivasa Rao, Katragadda Swarnasri, Sai Ram Inkollu, Krishnaveni Kondreddi, Praveen Kumar Balachandran, C. Dhanamjayulu and Baseem Khan, 'Multi objective Neuro-Fuzzy Controller Design and Selection of Filter Parameters of UPQC Using Predator Prey Firefly and Enhanced Harmony Search Optimization', Hindawi, International Transactions on Electrical Energy Systems, Vol. 2024, Article ID 6611240.
- P. Lakshmi Durga, R. Raviteja, K. Anu, R. Lokesh Naik, G. Sambasiva Rao, 'Performance Evolution of Doubly-Fed Induction Generator Driven By A Wind Turbine', IJARIE, Vol-10, Issue-2, ISSN:2395-4396, June 2024.
- Yannam Ravi Sankar, K. Chandra Sekhar, 'Adaptive Cascaded ANFIS MPPT Development for Solar and Fuel Cell Based Hybrid Energy System', International Journal of Institution of Engineers, ISSN:2250-2114, June 2024.

Paper Presentation in Conferences

- K. Radha Rani, 'Artificial Humming Bird Algorithm for Optimal reactive power control for radial distribution feeder Loadability Enhancement', 5th World conference on Artificial Intelligence: Advances and applications, Sir Padamapat Singhanian University, Udaipur, during 22-23 Feb 2024.

- Rama Koteswara Rao Alla, Manogna Devarapu, Kandipati Rajani, 'PID Controller Design for Speed and position control of DC Servo Motor Using Genetic Algorithm', 4th International Conference on Recent Trends in Power Systems and Power Electronics, Narasaraopeta Engineering College, 05-06 April 2024.
- Rama Koteswara Rao Alla, Yogesh Pamula, Jayanth Poka, Kandipati Rajani, 'Conventional and Advanced Maximum Power Point Tracking Methods for Solar Photovoltaic Systems', 4th International Conference on Recent Trends in Power Systems and Power Electronics, Narasaraopeta Engineering College, 05-06 April 2024.
- Rama Koteswara Rao Alla, Rajani Kandipati, Ravindranath Tagore Yadlapalli, 'Performance Analysis of DC-DC Boost Converter with High Gain', Second IEEE International Conference on Measurement, Instrumentation, Control and Automation, Department of Electrical Engineering, NIT Kurukshetra, during 03-05 May 2024.

Ph.D Awarded

- Mr.Ch.RangaRao was awarded Ph.D by Annamalai University, Tamil Nadu, in March 2024. The title of the thesis was 'Power Quality Improvement in Microgrid through Optimal Control of Renewable Energy Sources' under the Co-guidance of Dr.A.Rama Koteswara Rao.
- Mr.Y.Sumanth was awarded Ph.D by Annamalai University, Tamil Nadu, in April 2024. The title of the thesis was 'Performance enhancement of doubly fed induction generator based wind energy conversion system by optimal design of FoPID controller' under the Co-guidance of Dr.G. Sambasiva Rao in April 2024.
- Mr.N.Dharani Kumar was awarded Ph.D by Annamalai University, Tamil Nadu, in April 2024. The title of the thesis was 'Performance Analysis of Solar PV Systems under Partial Shading Conditions' under the Co-guidance of Dr.A.Rama Koteswara Rao.



Students visited Andhra Pradesh Med Tech Zone (AMTZ)



SIEP E-Bike Challenge 2024, Bhopal, Madhya Pradesh

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