

# GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

Accredited by NAAC with A<sup>+</sup> Grade; B.Tech. CSE, EEE, ECE

Sy. No: 33 & 34, Cheeryal (V), Keesara (M), Medchal District, Telangana – 501301



## *SAMIKSHA-Newsletter* *Freshman Engineering*

*A Perpetuating Voyage...*

**January 2025- June 2025**

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# 1. Department of Freshman Engineering

The eponymous designation of the Freshman Engineering department underscores its pivotal role as the cornerstone of scientific inquiry and the fundamental comprehension of human cognition and behaviour. The academic landscape remains manifestly incomplete without this indispensable component. Within its purview lie five quintessential disciplines: Engineering Physics, Engineering Chemistry, Mathematics, Environmental Sciences, English and Communicative skills. Each faculty member exemplifies unwavering diligence in furthering institutional objectives and fostering students' holistic maturation.

Students must internalize the transformative potency of these disciplines to forge foundational competencies for a distinguished future.



Headed by Professor Dr. V. S. Triveni and pioneered by Professor Dr. G. Neeraja Rani, Dean, IQAC, the department holds 74 esteemed faculty of which Professors, Associate Professors, and Assistant Professors holding doctorates.

**Dr. V. S. Triveni**

**Head,**

**Department of Freshman Engineering (FE)**

## 2. Internal Quality Assurance Cell (IQAC)

In the context of Autonomous Status that has been conferred to the college, Internal Quality Assurance Cell (IQAC) of the college gains paramount importance to ensure quality in all aspects. Therefore, IQAC activities play significant role in providing quality learning experience to students, enrichment of teaching satisfaction to faculty and staff.



**Dr. G. Neeraja Rani,  
Dean,  
Internal Quality Assurance Cell (IQAC)**

### 3. B. Tech I Year Branches & Sections

Computer Science & Engineering (CSE)	Computer Science & Engineering - Data Science (CSE- DS)	Computer Science & Engineering- Artificial Intelligence & Machine Learning (CSE-AIML)
Computer Science & Engineering- Cyber Security (CSE-CS)	Computer Science & Engineering - Data Science (CSE- DS)	Electronics & Communications Engineering- (ECE)
Mechanical Engineering (ME)	Computer Science & Engineering - Data Science (CSE- DS)	Civil Engineering (CE)
Computer Science & Engineering (CSE)	Computer Science & Engineering - Data Science (CSE- DS)	Computer Science & Engineering- Artificial Intelligence & Machine Learning (CSE-AIML)

### 4. Guest Lectures Conducted

Guest lectures are a valuable component of educational curricula across various fields of study. These lectures provide students with the opportunity to gain insights from experts who bring real-world experience and knowledge beyond the regular classroom setting. Below, we explore the benefits, challenges, and effective strategies for integrating guest lectures into an academic program.

By thoughtfully integrating guest lectures into educational programs, institutions can enrich the learning experience, providing students with invaluable insights and opportunities for personal and professional growth



Sl. No	Name of the Resource person	Designation & Organization	Topic covered	Target Attendance	Organised by	Date
1	Dr V. V. Hara Gopal	Retd Professor of Statistics, Osmania University, Emeritus Professor of BITS, Hyderabad	Data Analysis and Interpretation for Real-time Problems Using Regression Techniques- Case Studies	191	Dr P. Rahira, Dr G.Durga Priyadarsini, Dr A. Srinivasulu	5 Feb 2025
2	Dr C. Satyanarayana	Associate Professor, Dept of Mathematics, Mahindra University	Mathematical foundations on Data Science	218	Dr P.Sarada Devi	13 Feb 2...
3	Dr, Narendra Kurra	Associate Professor, Dept of Chemistry, IIT, Hyderabad	Batteries - Powering the future	300	Dr. K. Shashikala, Dr. P. Sreedhar	19 Feb 2...
4	Ms. Archana Suresh	TEDx Speaker, Director, TSIG, Hyderabad	Technical Communication and Content Creation	B. Tech. I Year Students	P. Mercy Kavitha, Assoc. Prof, FE	17.03.2025
5	Ms Archana Suresh	TEDx Speaker and Director Telangana Social Impact Group	Technical Communication and Content Creation	B. Tech. I Year Students	Dr. C. Goverdhan, Associate Prof. FE	17.03.2025

## 5. Value Added Courses Conducted

Sl. No	Name of the Program	Name of the Faculty	Target Audience	Date(s) Conducted	No. of Students Attended	CO / PO Attainment
1	AI Drone Workshop	Convener: Dr.G.Neeraja Rani, Coordinator: Dr.J.Shankar	B. Tech I Year II Semester	08-04-2025 to 12-04-2025	122	Students learned the inspection of building for the defects using the drones, analysis of the defects and generation of the report using Inspecta platform using the Artificial intelligence.



## 6. Projects Done by Students (As Part of PBL)

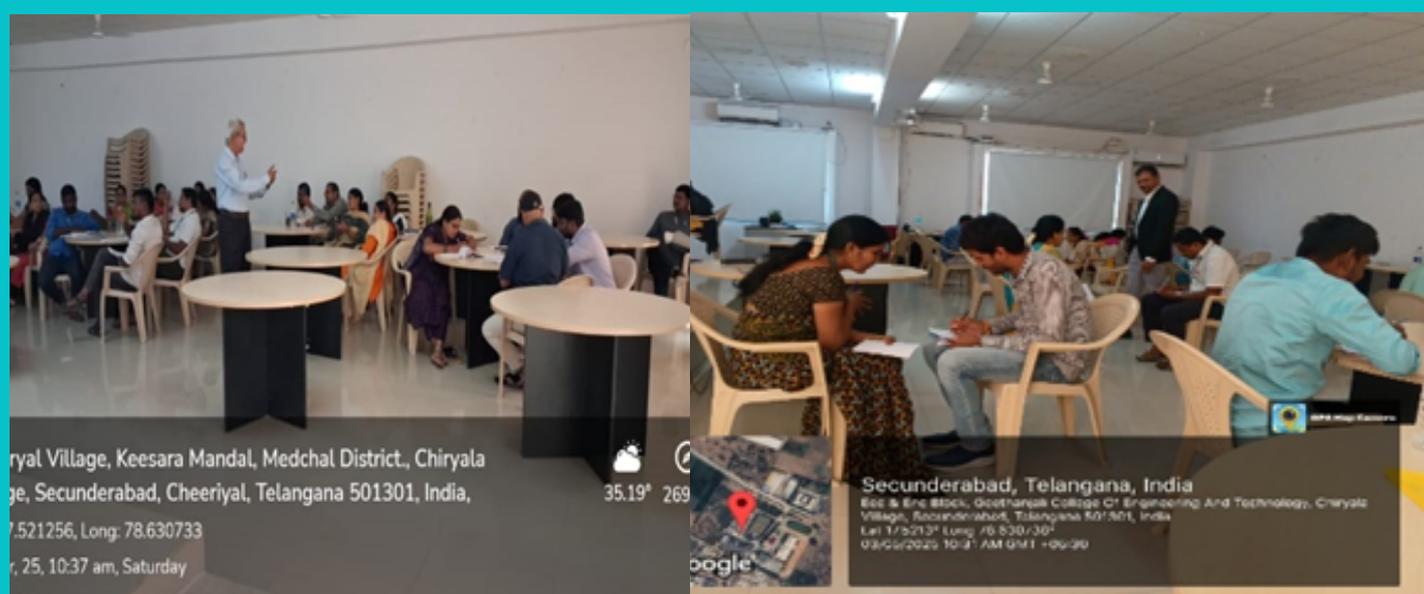
S. No	Name of the program	Name of the Faculty	Date(s) conducted	No. of students attended	Names of the students	CO / PO attainment
1	B. Tech (I Year, II Sem)	Dr. P. Sakuntala	27-01-2025 to 20-06-2025	63 (Whole CSE-AIML-C)	All Students	COs- 1, 2, 3 & 4

## 7. Faculty Development Programs on Educational Technology and ICT (NPTEL)- by Faculty

S. No.	Name of the Faculty	Category of Event	Title of the Program	Duration			Organised by
				From	To	No. of days	
1	M. Kanaka Durga Dr. S. Lalitha Dr. G. Srinivas	FDP	Educational Technology and ICT (NPTEL)	1 Jan 2025	25 Apr 2025	12 weeks	NPTEL
2	Dr. P. Sakuntala	FDP	Outcome based pedagogic principles for effective	17 Feb 2025	14 Mar 2025	4 weeks	NPTEL/AICTE
3	Dr.B.Srinu	FDP	Research Methodology & IPR	24 Feb 2025	3 Jan 2025	5 days	Geethanjali Institute of Science & Technology
4	Dr V.S. Triveni	ATAL FDP	Smart Communication in IOT: Security & Future Application	24 Feb 2025	01.03.2025	6 days	AICTE Training and Learning (ATAL) Academy
5	Mrs. C.Kalyani Dr Nalivela Nagi Reddy Mrs. Prabhavathi	FDP	Workplace Communication	15 Mar 2025	5 Mar 2025	5 Days	

## 8. Faculty Development Programs (FDPs) Attended by Faculty

Sl. No.	Name of the Faculty	Title of the Program	Duration			Organised by
			From	To	No. of days	
1	G Kalpana Dr M.Hemantha Lakshmi Dr. P. Rahira Dr. P.Sarada devi Dr.G. Durga	Machine Learning	17 Mar 2025	31.03.2025	2 Weeks	SkillDzire in Collaboration with AICTE
2	Dr. B. Nagamani	Innovation and Entrepreneurship	18 Mar 2025	22 Mar 2025	5	AICTE, MoE and Tech Mahindra University, Hyderabad
3	Dr. P. Sakuntala Dr. K. Shashikala	NEP Orientation & Sensitization Programme-	21 Apr 2025	30 Apr 2025	8	Malaviya Mission Teacher Training Centre, Coimbatore
4	C.Kalyani C.Kalyani Dr. Vanisree Adoni	NEP Orientation & Sensitization Programme	22 Apr 2025	30 Apr 2025	8	JNTUH
5	Dr. A.S. Madhusudhan Rao Dr.Srinu	Computational and Experimental Insights into	22 Apr 2025	26 Apr 2025	5	JB Institute of Engineering and Technology, HYD



## 9. Faculty Involvement in Webinars, Workshops, FDPs, and Invited Talks

S. No	Name of The Faculty	Topic	Details	Venue	Mode	Date
1	Dr. A. Shobha Rani	Speak with a Design	Invited Talk as Part Of FDP	GCET - FE department	Physical Mode: Block -I (310)	22 Mar 2025
2	Dr.A.Uma Devi	Facilitating Development of Communication Skills for Pharmacy Students - Geethanjali		Geethanjali College of Pharmacy	Offline	10 Apr 2025
3	Dr.M. Anjaiah	Editing and Proofreading		GCET - FE department	Offline	12 Apr 2025
4	Dr. Akhil Kumar Jha	Writing Skills-		GCET - FE department	Offline	12 Apr 2025
5	Dr. P. Narasimha Raju	Reporting skills- Modelling a Product		GCET - FE department	Offline	26 Apr 2025
6	Dr. A. Shobha Rani	Developing Strategies for Improving Advanced Communication Skills Using ICT		Professor Jayashankar Telangana Agricultural University	Offline	17 May 2025
7	Dr. B. Nagamani	Teaching Reading Skills and Strategies for Promoting Reading		UGC-MMTTC-OU	Offline	23 May 2025
8	Dr.A.S. Madhusudhan Rao	Energy and Temperature Dependent $\Gamma$ -Photon Attenuation	International Conference on Advances in Science and Technology	IMT, Dehradun	Online	24 Jun 2025
9	Dr.A.S. Madhusudhan Rao	International Conference	International Conference on Advances in Science and	IMT, Dehradun	Online	25 Jun 2025
10	Dr. Vanisree Adoni	Yoga for One Earth, One Health	Invited Talk for a Workshop	NSS and WPC	International Day of Yoga 2025	13.06.2025
11	Dr. P. Raju	Bridging Theory and Practice: Simulations and Virtual Labs for	Invited Talk for a Workshop	Department of Physics, Government Degree	Offline	25-02-2025,

## 10. Faculty Completed FDPs on NEP Orientation Programs

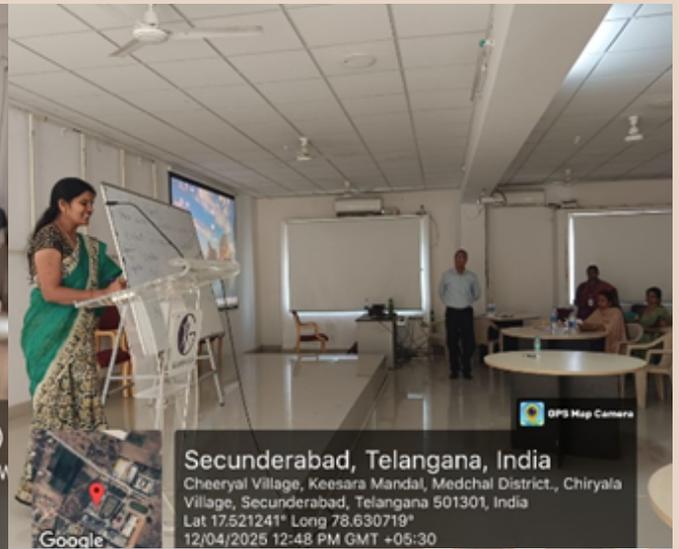
Sl. No.	Name of the Faculty	Title of the Program	Duration			Organised by
			From	To	No. of days	
1	Dr Nalivela Nagi Reddy Dr A.Ramesh Mr..Y. Anil	NEP Orientation and Sensitization Programme	22 Apr 2025	30 Apr 2025	8 Days	UGC-Malaviya Mission Teacher Training Centre(MMTTC),JNTUH, Hyderabad
2	Dr. M. Anjaiah Dr. P. Narasimha Raju Dr. B. Nagamani Dr.K.Kamalakar Dr Pramodini Patnaik Dr K SriLakshmi Dr.P.Sarada Devi	NEP Orientation and Sensitization Programme	19 May 20...	29 May 20...	10 Days	UGC-Malaviya Mission Teacher Training Centre (MMTTC),

## 11. Details of Paper Presentations in Conferences

S. No	List of Authors	Title of the Paper	Conference Title	Venue	Dates	List of Authors
1	Shobha Rani Aitha, T. Swarupa, B. Nagamani, K. Shyam Sundar, Mr. Sukanta Ghosh, G. Chandra Shekar	New Curriculum Development and Approaches in Language Teaching	ICAMSD	MREC	21 Feb 2025	22.02.25
2	Dr Pramodini Patnaik	The way speakers in Eastern India Perceive and Produce English Consonants Sounds	ICSMMI	Malla Reddy Engineering College	21.02.25	22.05.25



Cheeriyal Village, Keesara Mandal, Medchal District., Chiryala Village, Secunderabad, Cheeriyal, Telangana 501301, India, Lat: 17.521256, Long: 78.630733 12 Apr, 25, 10:37 am, Saturday



Secunderabad, Telangana, India Cheeriyal Village, Keesara Mandal, Medchal District., Chiryala Village, Secunderabad, Telangana 501301, India Lat 17.521241° Long 78.630719° 12/04/2025 12:48 PM GMT +05:30



Cheeriyal, Telangana, India Admission Room, Geethanjali College Of Engineering And Technology, Chiryala Village, Secunderabad, Cheeriyal, Telangana 501301, India Lat: 17.520991° Long 78.630387° 28/04/2025 10:32 AM GMT +05:30



Village, Keesara Mandal, Medchal District., Chiryala Secunderabad, Cheeriyal, Telangana 501301, India, Lat: 17.521244, Long: 78.630739 03:04 pm, Saturday



Cheeriyal, Telangana, India Admission Room, Geethanjali College Of Engineering And Technology, Chiryala Village, Secunderabad, Cheeriyal, Telangana 501301, India Lat 17.520244° Long 78.630734° 26/04/2025 12:54 PM GMT +05:30



Cheeriyal, Telangana, India Admission Room, Geethanjali College Of Engineering And Technology, Chiryala Village, Secunderabad, Cheeriyal, Telangana 501301, India Lat 17.520244° Long 78.630734° 26/04/2025 02:10 PM GMT +05:30

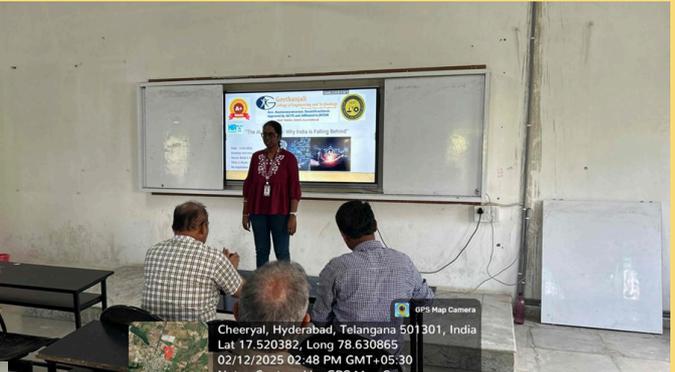


Secunderabad, Telangana, India Cheeriyal Village, Keesara Mandal, Medchal District., Chiryala Village, Secunderabad, Telangana 501301, India Lat 17.520207° Long 78.630718° 25/04/2025 02:19 PM GMT +05:30

## 12. Details of Faculty Research Publications

S. No	Name of the Author/s	Title of Paper	Name of Journal	Year of Publication	ISSN Number	Indexing
1	B. V. Balaji, B. Hari Babu,* , G.	Design and Synthesis of Novel	Russian Journal of Bioorganic	2025	1068-1620	
2	Dr. Nalivela Nagi Reddy	Slip effects on MHD heat and mass transfer flow through porous medium over an	Journal Of Radiation Research and Applied Sciences	Feb, 2025	1687-8507	SCIE
3	Dr. A.S. Madhusudhan	Study on Attenuation	Journal of Information	Feb, 2025	2468-4376	Scopus
4	Dr.B.SRINU	Design, Synthesis of Flurbiprofen	Chemistry and Biodiversity	1 Feb 2025	1612-1872	SCIE
5	Dr.B.Srinu	Design and Synthesis of Novel	Russian Journal of Organic	1 Feb 2025	1070-4280	SCIE
6	Dr. P. Raju	Structural, electric dielectric	Ceramics International	1 Feb 2025	1873-3956	SCIE
7	Dr.K.Shashikala	Highly Efficient Synthesis of 1,3,5-	Russian Journal of Organic	1 Feb 2025	1070-4280	SCIE (Q4)
8	Dr. P. Rahira, G Srinivas P	Heat and mass transfer through	Journal of Mines. Metals	Mar, 2025	0022-2755	Scopus
9	Murali Gundagani Ve	Three-dimensional Oldroyd-B fluid	<u>Johnson Matthey</u>	April' 2025	20565135	SCIE
10	Srinu Bhoomandl G	Synergetic Effect of Pd Decorated	Russian Journal of Inorganic	1 May 2025	0036-0236	SCIE
11	H. Lakshmi Mittinatti	Numerical Analysis of Soret and	Journal of Mines. Metals	May, 2025	0022-2755	Scopus
12	Siddoju Raiesham	Impact on Structural and	<i>ECS Journal of Solid State</i>	1 May 2025	2162-8777	SCIE
13	Dr. K. Yugandhar1*	Gamification as a Pedagogical Tool	Journal of Information	1 May 2025	e-ISSN: 2468-4376	Scopus
14	Swarupa Ketha.	Design, synthesis, in silico ADME.	Tetrahedron	1 May 2025	0040-4020	SCIE (Q2)
15	Dr. G. Durga Privadarsini	Enhancing Microfluidic	Theoretical and Mathematical	1 Jun 2025	1573-9333	SCIE
16	Manjula	Hydrogen bonding dynamics and	Journal of Molecular	1 Jun 2025	1873-3166	SCIE
17	Dr. P. Sakuntala	Investigations on structural and	ECS Journal of Solid State	1 Jun 2025	2162-8777	SCIE
18	Dr. P. Sreedhar	Nano Engineering Catalysts: A New	Oriental Journal of Chemistry	1 Jun 2025	0970 - 020X	Web of Science
19	Dr I.V.Madhuri	Sustainable Waste management	International Journal of	1 Jun 2025	2229-7359	Scopus
20	Murali Gundagani Ve	Three-dimensional Oldroyd-B fluid	<u>Johnson Matthey</u>	April' 2025	20565135	SCIE
21	C. Kalyani, Dr. I.V. Subba	"Effect of Temperature on	Physics of the solid state	Jun' 2025	1063-7834	SCIE
22	Dr.P.Sarada devi	Modeling and Analysis of	Journal of Mines. Metals	Jun'2025	1719-1727	Scopus

# 13.. Details of Students Co-curricular/ Sports Achievements/ NSS Activities



**విద్యార్థుల సృజనకు పదును.. సైన్స్ ఫెయిర్**

**గీతాంజలి ఇంజనీరింగ్ కళాశాలలో ఆకట్టుకున్న సైన్స్ ఫెయిర్**



కనబరిచిన పాఠశాల, వివిధ కళాశాలల నుండి విచ్చేసిన విద్యార్థులకు వేర్వేరుగా బహుమతులను ప్రధానం చేశారు. ఈ కార్యక్రమానికి టీ వర్క్ ముఖ్య కార్య నిర్వహణాధికారి తనికెళ్ళ జోగిందర్ అన్నారు. కళాశాల చైర్మన్ దాక్షర్ ఉదయ కుమార్ సునంద్, ప్రెసిడెంట్ దాక్షర్ సాగర్, ముఖ్య నిర్వాహకురాలు దాక్షర్ జి. సీరజాబాబీ, విద్యార్థులను ఉద్దేశించి వారికి సృజనాత్మకత, నైపుణ్యం సమాహానికీ ఉపయోగపడే ఆవిష్కరణలకు ఎలా దోహద పడతాయో విశదీకరించారు. ఈ కార్యక్రమంలో నిర్వహకులు దాక్షర్ జె. శంకర్, దాక్షర్ జె. అంబయ్య, దాక్షర్ ఎ.వి.ఎస్. మధుసూదన్ రావు, ప్రెసిడెంట్, ఇంజనీరింగ్ విభాగ అధిపతి దాక్షర్ వి.వి.సి. శ్రీవేణీ తదితరులు పాల్గొన్నారు.

S. No	Roll No. of the student	Name of the Student	Name of the Event	Organized by, specify College/	Date(s) of Participation
1	2411A05DF	Thota Rahul	Science Day	GCET	28 Feb 2025
2	2411A05CV	R Nancy Niharika			
3	2411A05DL	Y Eekshitha			
4	24R11A05CE	Konduri Monika			
5	24R11A05Z2	E Asini	Vaisheshika 2k25- Science Fest- Working Models	CSE-F, GCET	28 Feb 2025
6	24R11A05Z4	Isha Parveen			
7	24R11A05Z8	K Sai Lasya			
8	24R11A05AN	N Krishna Sushanth			
9	24R11A05AU	R Karunya Naidu			
10	24R11A05CG	K Anushka			
11	24R11A05A4	A. Karthik	Technical Quiz, Vaisheshika	CSE-B, GCET	28.02.2025
12	24R11A66D9 (AIML-C)	P. Sri Raga Nandini	Vaisheshika- 2025/	GCET	28 Feb 2025
13	24R11A66E0 (AIML-C)	P. Akshara	Vaisheshika- 2025/	GCET	28 Feb 2025
14	24R11A66F4 (AIML-C)	Y. Swarananjali	Vaisheshika- 2025/ Working	GCET	28 Feb 2025
15	24R11A66J3 (AIML -C)	M Jayanth Chowdary	Vaisheshika- 2025/Demo	GCET	28 Feb 2025
16	24R11A66G1 (AIML-C)	B.Tanusri	Vaisheshika- 2025/Demo	GCET	28 Feb 2025
17	24R11A66G1 (AIML-C)	Saganty Roy Henson	Vaisheshika- 2025/Working	GCET	28 Feb 2025
18	24R11A66D1(AIM L-C)	K.Tejaswini	Vaisheshika- 2025/Working	GCET	28 Feb 2025
19	24R11A66K2(AIM L-C)	P.Harika	Vaisheshika- 2025/Demo	GCET	28 Feb 2025
20	24R11A66J1 (AIML -C)	M Manoj Kumar	Vaisheshika- 2025/Demo	GCET	28 Feb 2025

21	24R11A66D2 (AIML-C)	K.J. Prateek	Vaisheshika- 2025/Working	GCET	28 Feb 2025
22	24R11A66E1 (AIML-C)	P.Sowmya	Vaisheshika- 2025/Working	GCET	28 Feb 2025
23	24R11A66H0(AIM L-C)	Dasari Avaneesh Chowdary	Vaisheshika- 2025/Working	GCET	28 Feb 2025
24	24R11A66E6 (AIML-C)	S.Rushitha Sai	Vaisheshika- 2025/Working	GCET	28 Feb 2025
25	24R11A66E3(AIM L-C)	Saganty Roy Henson	Vaisheshika- 2025/Working	GCET	28 Feb 2025
26	24R11A66E2 (AIML-C)	Rehan Alam	Vaisheshika- 2025/ Working	GCET	28 Feb 2025
27	24R11A05F0, CSE C	Varanasi Ramya	National Level Project Expo-2k25	Narsimha Reddy Engineering	21 Feb 2025
28	24R11A05F1, CSE C	S Harsha Vardhan	National Level Project Expo-2k25	Narsimha Reddy Engineering	21 Feb 2025
29	24R11A05E6, CSE C	T. Satwik	Vaisheshika- 2025/Working	GCET	28 Feb 2025
30	24R11A05E0, CSE C	R. Rohith Reddy	Vaisheshika- 2025/Working	GCET	28 Feb 2025
31	24R11A05F2, CSE C	Y.S.D Lavanya	Vaisheshika- 2025/Working	GCET	28 Feb 2025
32	24R11A05D6, CSE C	Abhinaya Reddy	Vaisheshika- 2025/Working	GCET	28 Feb 2025
33	24R11A05E2, CSE C	Shaik Riyaz	Vaisheshika- 2025/Working	GCET	28 Feb 2025



## 14. Faculty Nominated as Board of Studies Member.

S. No.	Name of the Faculty	Organization	Year & Duration
1	Dr V.S.Triveni	Ashoka Womens Engineering College	2023-24 and 2024-25
2	Dr V.S.Triveni	LIET,Hyderabad	2024-25
3	Dr.G.Murali	Karmaveer DAV. Baburao Ganapatrao Thakare College of Engineering	30 Aug 2024
4	Dr.B.Srinu	KPRIT College of Engineering	18 Oct 2024
5	Dr.J. Anjaiah	KPRIT College of Engineering	19 Oct 2024
6	Dr.G.Srinivas	GRIET	20 Jun 2024

## 15. Professional Body Membership

S. No.	Name of the Faculty	Organization	Year & Duration
1	Dr. K. SriLakshmi	EARTHBOX, authorised recycling unit of ITC	2024-25 & 2025-26
2	Dr. K. SriLakshmi	Indian Green Buildings Council (IGBC)	Jan 2025 to Dec 2025

## 16. Patents Published

Patents encourage innovation among engineering college teachers by protecting their inventions and research outcomes. They enhance academic reputation, attract funding, and support career advancement. Patented work also fosters industry collaboration and contributes to institutional rankings.

S. No.	Name of the Faculty	Title of the Patent	Published or Granted	Date of Publish	Application Number
1	Dr.B.Srinu	A Comparative Study of	Published	9 May 2025	202541036106 A
2	Dr. Nalivela Nagi Reddy	202541013904 A	Published	2025	202541013904 A
3	Dr. J. Anjaiah	202541009612 A	Published	February, 2025	202541009612 A
4	Dr. P. Sakuntala	Scalable Neuropathic	Published	2 May 2025	202541032743 A
5	Dr J.V.Madhuri	Design No: 428896-001	Published	18 Feb 2025	Design No: 428896-001
6	Dr. P. Raju	Comparative Study of Anode-	Published	28 Feb 2025	202541013905 A
7	Dr H Lakshmi Mittinati	AI based Revolutionizing	Published	28 Feb 2025	202541013854A
8	Dr. B.S. Surya Prabhavati	One Touch AI Powered Women	Published	21 Mar 2025	202541019021 A
9	Dr. P. Narasimha Raiu	Interactive System for	Published	28 Mar 2025	202521000000
10	Dr. M. Anjaiah	Interactive System for	Published	28 Mar 2025	202521000000
11	Dr.Sk.Nuslin	Machine Learning	Published	16 May 2025	202541039013 A
12	Dr V Kamalaker	Advanced Machine	Published	23 May 2025	202541041123A
13	M. Kanaka Durga	Question Answering Using	Published	30 May 2025	2.0254104313A
14	Dr J Shankar	Micro drone with proximity	Published	30 May 2025	202541043425A
15	Mr A Shiva Kumar	lot Based water monitoring	Published	30 May 2025	202541043427A
16	Dr. B. Mamatha	Enhanced Thermoelectric	Published	6 Jun 2025	202541048855 A
17	Dr B Srinu	The Comparative	Published	27 Jun 2025	202541058121A
18	Dr N. Subhadra	Revolutionizing Bio-Mechanics	Published	7 Mar 2025	2.0254103411A
19	Dr. A.S. Madhusudhan	Nano-Enabled Applications of	Published	7 Mar 2025	202541017081A
20	Dr B Nagamani	Automated Summarization	Published	11 Apr 2025	202541029658A
21	Dr. G. Durga Privadarsini	Machine Learning-Based	Published	11 Apr 2025	202541000000
22	Dr P Rahira	Aero-Adaptive Cooling for High-	Published	11 Apr 2025	202541000000

## 17. Research-Centric Seminars

Research-centric seminars by engineering college teachers promote a culture of innovation and critical thinking among students and peers. They provide a platform to share breakthroughs, receive feedback, and refine research ideas. Such seminars also enhance the institution's academic profile and industry connections.

S. No.	Name of the Faculty	Title	Date
1	Dr. A. Shobha Rani	Bridging Language and Engineering Using Literature to Enhance Communication Skills among Undergraduate Engineers	15 Feb 2025
2	Dr. P. Narasimha Raju	Automatic Word-Feeder Using ANTLR for Applications in Search Engine Optimisation: A Lexical Study	15 Feb 2025
3	Dr.G. Srinivas	Free and Forced Convective heat transfer through Nano fluid in two dimensions	19 Apr 2025
4	Dr. P. Narasimha Raju	Oasis Within: Shades of Mindfulness from Select Books	8 Mar 2025
5	Dr Pramodini Patnaik	The Impact of Cognitive Strategies on Improving Listening Comprehension	3 May 2025
6	Dr. Vanisree Adoni	1.Encouraging Creativity in English Language Instruction for Engineering Students.	8 Feb 2025
7	Dr. Mudasir Ahmad Lone	AI Meets English: Revolutionizing Language Teaching and Literature with AI Tools	19 Apr 2025
8	Dr. Vanisree Adoni	Mindfulness and English Language Learning: Explore Mindfulness Practice	22 Feb 2025

## 18. Activities Conducted Under Professional Body/Society/Chapter/Clubs

S. No.	Name of the Faculty	Name of the event	date	National/International	No. of students
1	Dr.J.Shankar	Elocution	12 Feb 2025	College level	10
2	Dr. K. SriLakshmi	Medicinal Garden	15 Feb 2025	College level	4
3	Dr. K. SriLakshmi	Green Environment and Energy Audit	27 Feb 2025	College level	4
4	Dr.J.Shankar	Vaisheshika	28 Feb 2025	Inter college level	400
5	Dr. K. Yugandhar	Celebration of Colours and Women's Spirit	11th March, 2025	International Women's Week	273
6	Dr. K. SriLakshmi	Waste Collection Initiative	24/02/2025 to 03/03/2025	College level	
7	Dr. K. SriLakshmi	National E-Photo Blog Competition	15th March to 22 March 2025	National World Water Day 2025	32
8	Dr. K. SriLakshmi	Reduce Plastics and Enhance Sustainability	18th March to 28 March 2025	Plastic Vs Planet	20
9	Dr.J.Shankar, Dr.P.Raju, Dr.Tavneet Kaur	Industrial visit- NFC-Organized by Science Club and ISTE Student	24 Apr 2025	Local Industry visit	51



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Chiryala Village, Secunderabad, Telangana 501301, India

Secunderabad, Telangana, India  
Cheeryal Village, Keesara Mandal, Medchal District, Chiryala  
Village, Secunderabad, Telangana 501301, India  
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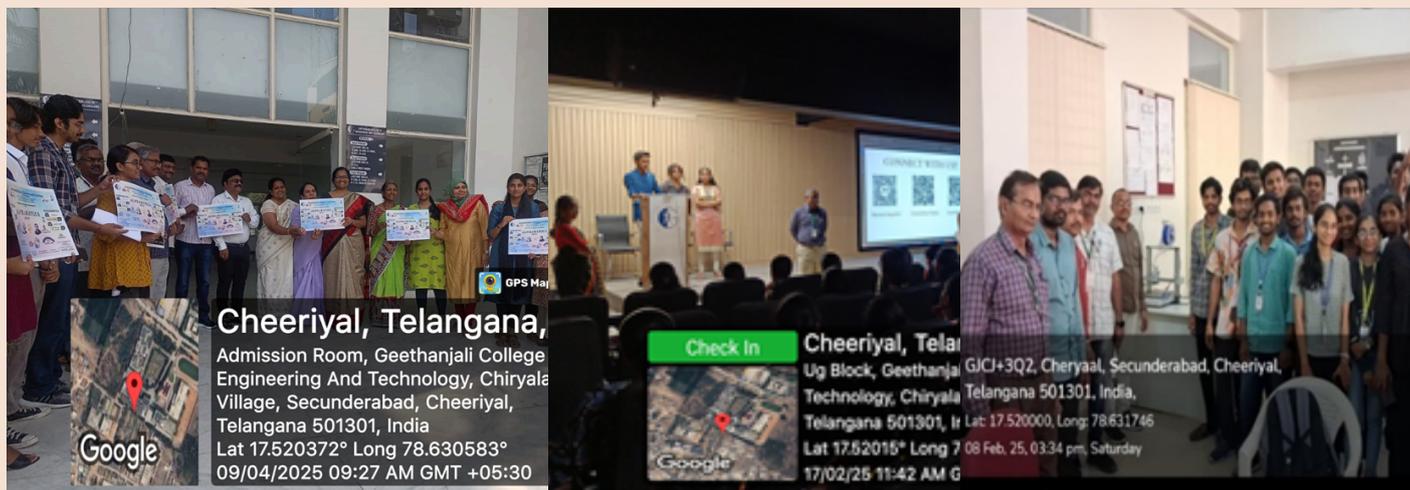
## 19. Students Involvement in Hackathons/Project Exhibitions/Paper/Poster Presentation

S. No.	Name of the Faculty	Name of the Event	Date	No. of Participants
1	Dr G.Srinivas	Portfolio Building	17 Feb 2025	87
2	C.Kalyani	IGNITE, NREC	21 Feb 2025	3
3	Dr N.Nagireddy, Dr A.Ramesh	Student Development Program- Personality Development Life Skills	22 Feb 2025	76
4	Dr. K. SriLakshmi	Innovative Project Exhibition	26 Feb 2025	2
5	Dr. K. SriLakshmi	Science Day	28 Feb 2025	2
6	Dr. SK. Mahammad Ali	Vaisheshika 2K25	28 Feb 2025	6
7	Dr Suneetha T	Structural and electrical properties of Sic films deposited by Magnetron sputtering	28 Feb 2025	1
8	C.Kalyani	Vaisheshika 2K25	28 Feb 2025	5
9	Dr,Pramodini Patnaik	Celebration of Colours and Women's Spirit	11.03.2025	273
10	Dr. A. Shobha Rani			
11	Dr. K. Yugandhar			
12	Dr G.Srinivas, Dr K.Yugandhar, Dr M.Hemantha Lakshmi, Dr P.Pramodini	ALPHAMATICA-2K25	15 Apr 2025	607
13	Understanding Water Quality: Safe Drinking Practices & Benefits of Kangen Water	Science Club Activity	8 Feb 2025	534

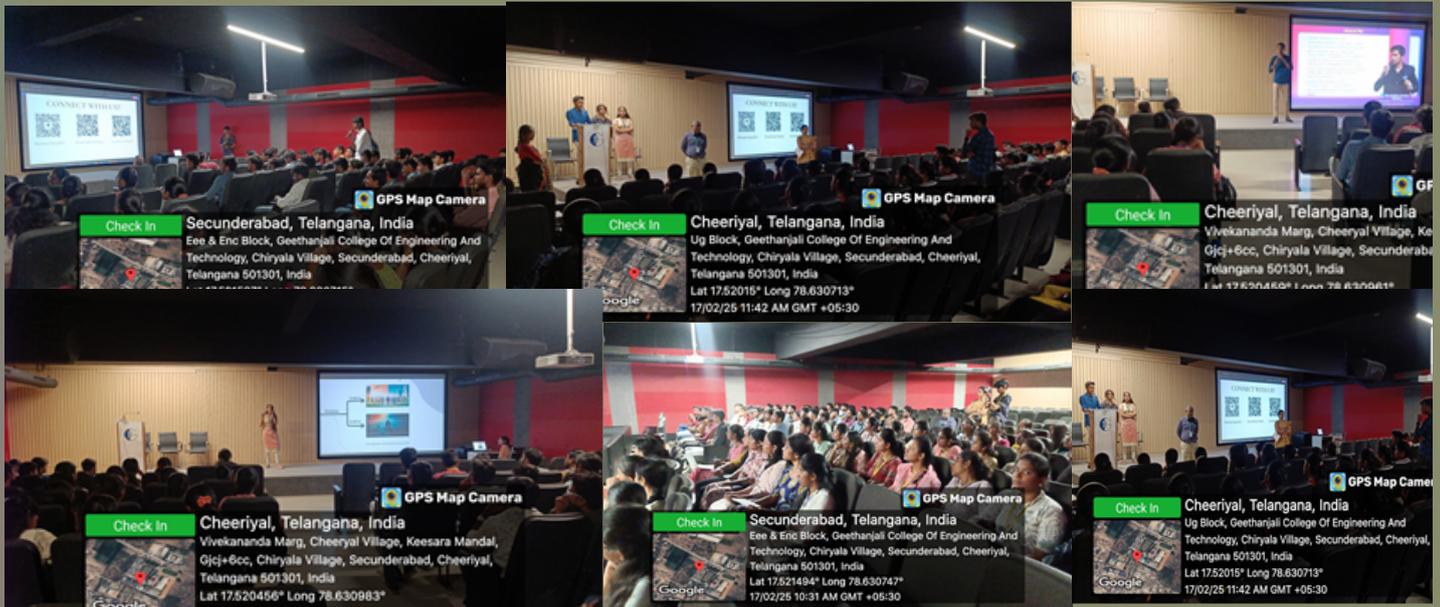
## 20. Mathematics Club: Igniting Curiosity, Cultivating Innovators

The Mathematics Club at Geethanjali College of Engineering & Technology transcends traditional boundaries, fostering a vibrant ecosystem where mathematical rigor meets real-world innovation. We empower students under the guidance of Dr. Srinivas, Professor in Mathematics, through the following.

S. No	Name of the Event	Resource Person	Date	No. of Participants	Budget (Honorarium)	Name of the Faculty
1	<u>Guest Lecture on "Data Analysis and Interpretation for Real Time"</u>	Dr. V. V. Haragopal, Retd Professor of Statistics.	5 Feb 2025	191	4000	Dr. P.Rahira, Dr. G.Durga Priyadarsini, Dr. A.Srnivasulu
2	3D Printing workshop	Mr Abdul Khader, Deputy Manager,	8 Feb 2025	100	20100/-	Dr. V.S.Triveni, Dr. Subhadra
3	Guest lecture on "Mathematical Foundations of Data Science"	Dr.C. Satyanarayana, Dept of Mathematics, Mahindra	13 Feb 2025	218	4000	Dr. P.Sarada Devi
4	Portfolio Building	Ms. Manasa Gayathri, Mr. M Shashidhar	17.02.2025	87	-	Dr. G.Srinivas
5	Student Development Program – Personality	Dr. Pruthutk, Ms. Konda Srilekha, Mr. Prasadhar	22 Feb 2025	76	8000	Dr. N.Nagireddy, Dr. A.Ramesh
6	Alphamatica 2K25	Dr. T.Appala Naidu, Associate Professor	15 Apr 2025	607	1,24,232/-	Dr. G.Srinivas, Dr. M.Hemantha Lakshmi



# Student Development Program – Personality Development & Life Skills



## 21. Literary Club- ALPHABETICA

ALPHABETICA is a literary event featuring word puzzles, jumbled words, activities focused on cohesion and coherence, and other creative language-based tasks. It serves as a platform for students to showcase their literary prowess, communication skills, and creativity. The following events were conducted in the ELCS Lab, Block-II.

Date	Event Name	No. of Participants
15 Apr 2025	VERBA VOGUE	80
15 Apr 2025	LITTERATI LUMINA	60
15 Apr 2025	GRANDTICKS & GRAMMATICKS	50
15 Apr 2025	LEXICON HAVOC	55
15 Apr 2025	RHETORIC RUSH	45
15 Apr 2025	L'LEGACY	50
15 Apr 2025	CINEVDAM	60



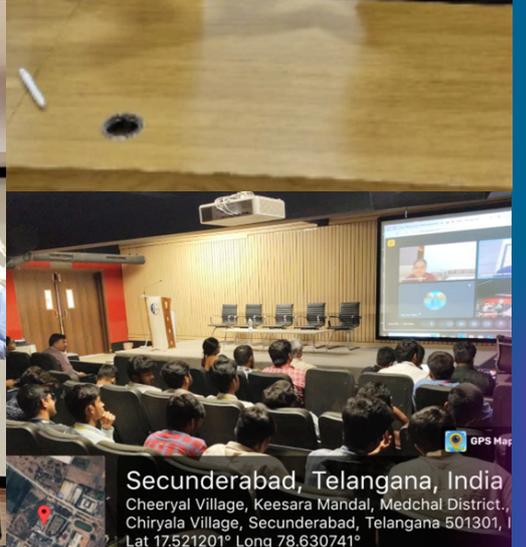
## 22. Science Club

The Science Club of GCET aims to nurture scientific curiosity, encourage interdisciplinary learning, and offer platforms for students to engage in hands-on science and technology-based events. During the academic year 2024–25, the club successfully organized and hosted a variety of academic, technical, and awareness-based events for students from GCET and neighbouring institutions. The details of the events are summarized below:

S.No	Date	Event Name	No. of Participants
1	12 Feb 2025	Demo Models	33 Teams
2	22 Feb 2025	Poster Presentations	68 Teams
3	11 Feb 2025	Prototype on SDG	7 Teams
4	21 Feb 2025	Technical Quiz	21 Teams
5	11 Feb 2025	Working Models	120 Teams



S. No.	Date of the Event	Event Name	No. of Students Participated	Amount Spent
1	28 Feb 2025	Working Models	<b>GCET-192</b> Other Colleges-51 Schools-75	<b>Prize Money Rs.43,200/- Other Expenditure Rs.11,700/-</b>
2	28 Feb 2025	Demo Models	<b>GCET-46</b> Other Colleges-04 Schools-10	
3	28 Feb 2025	Poster Presentation	<b>GCET-68</b> Other Colleges-26 Schools-04	
4	28 Feb 2025	Technical Quiz	<b>GCET-41</b> Other Colleges-03 Schools-11	
5	10-12, April 2025	AI Drone Technology Workshop	<b>122 GCET Students</b>	<b>Rs 60000/- College Contribution.</b>
6	24 Apr 2025	NFC Industrial Visit	<b>51-GCET Students</b>	<b>Nil</b>



## 23. Environmental Club

The Waste Collection Initiative aimed to raise awareness about sustainable waste management and encourage students and faculty to actively participate in waste segregation and recycling practices. The event aligned with the Sustainable Development Goals (SDGs), emphasizing environmental conservation and responsible waste disposal.



## Medicinal Garden for Health and Sustainability



The establishment of a medicinal garden in the college aims to promote awareness of the benefits of herbal plants and their applications in healthcare. This initiative will enhance biodiversity, provide educational opportunities, and contribute to environmental sustainability.

## 24. Massive Open Online Courses Registered and completed: Coursera/ Future learn/ NPTEL Courses by Faculty

S. No	Name of The Faculty	Name of the Course	Date of completion	Grade Obtained
1	Dr. P. Sakuntala	Outcome Based Pedagogic Principles for Effective Teaching	14 Mar 2025	Top 2 % of the course (Elite 85 %)
2	J.Bhargavi Lakshmi		14 Mar 2025	successfully completed
3	Dr. P. Sreedhar		1 May 2025	Sucessfully Completed
4	Dr. A. Anilkumar		1 May 2025	Elite(70%)
5	Dr. A. Anilkumar	Chemistry Of Main Group Elements	1 May 2025	Elite(65%)
6	Dr H Lakshmi Mittipati	Educational Technology and ICT	1 Apr 2025	Top 5 % of the course (Elite gold 85%)
7	Dr.G. Srinivas	Educational Technology and ICT	1 May 2025	Elite silver
8	M. Kanaka Durga			Elite Gold (93%)
9	Mr.Y.Anil			Elite Gold (91%)
10	Ms. P. Mercy Kavitha			Elite Gold (91%)
11	Dr Pramodini Patnaik			Elite Gold (90%)
12	Dr. Vanisree Adoni			Elite Silver(82%)
13	Dr.G. Durga Priyadarsini			Elite silver
14	G. Kalpana			Successfully Completed
15	Dr. Sk.Nuslin			Elite silver
16	Dr.P.Sarada Devi			Elite silver
17	M P Molimol			Top 5 % of the course (Elite gold 85%)
18	Dr.B S Surya Prabhavati			Elite silver
19	Dr. A. Shobha Rani			Elite Silver (88%)
20	Dr.A. Ramesh			Essentials of Data Science with R Software-1:
21	Dr. Nalivela Nagi Reddy	Probability and Statistical Inference	Elite (64%)	

## 25. Faculty Book or Chapter Publications:

S. No:	Name of the Faculty	Title	Book/Chapter	Date of the Publication	ISBN /ISSN Number	Name of the Publisher
1	Dr. K. SriLakshmi	Net Zero Water in Net Zero Buildings	Chapter	Received appreciation letter		Indian Green Building Council, CII

## 26. Details of Students Co-curricular/ Sports Achievements/ NSS Activities

S. No	Roll No. of the student	Name of the Student	Name of the Event	Organized by, specify	Date(s) of Participation	Specify Prize(s) won,
1	2411A05DF	Thota Rahul	Science Day	GCET	28 Feb 20...	First Prize
2	2411A05CV	R Nancy Niharika				
3	2411A05DL	Y Eekshitha				
4	24R11A05CE	Konduri Monika				
5	24R11A05Z2	E Asini	Vaisheshika 2k25-Science Fest-Working Models	CSE-F, GCET	28 Feb 20...	First Prize
6	24R11A05Z4	Isha Parveen				
7	24R11A05Z8	K Sai Lasya				
8	24R11A05AN	N Krishna Sushanth				
9	24R11A05AU	R Karunya Naidu				
10	24R11A05CG	K Anushka				
11	24R11A05A4	A. Karthik	Technical Quiz,	CSE-B, GCET	28.02.2025	Second Prize
12	24R11A66D9 (AIML-C)	P. Sri Raga Nandini	Vaisheshika-2025/	GCET	28 Feb 20...	
13	24R11A66E0 (AIML-C)	P. Akshara	Vaisheshika-2025/	GCET	28 Feb 20...	
14	24R11A66F4 (AIML-C)	Y. Swarananjali	Vaisheshika-2025/	GCET	28 Feb 20...	
15	24R11A66J3 (AIML -C)	M Jayanth Chowdary	Vaisheshika-2025/Demo	GCET	28 Feb 20...	

S. No	Roll No. of the student	Name of the Student	Name of the Event	Organized by, specify College/	Date(s) of Participatio	Specify Prize(s) won, if any
16	24R11A66G1 (AIML-C)	B.Tanusri	Vaisheshika-2025/Demo	GCET	28 Feb 20...	Second Prize
17	24R11A66G1 (AIML-C)	Saganty Roy Henson	Vaisheshika-2025/Workin	GCET	28 Feb 20...	
18	24R11A66D1 (AIML-C)	K.Tejaswini	Vaisheshika-2025/Workin	GCET	28 Feb 20...	
19	24R11A66K2 (AIML-C)	P.Harika	Vaisheshika-2025/Demo	GCET	28 Feb 20...	Second Prize
20	24R11A66J1 (AIML -C)	M Manoj Kumar	Vaisheshika-2025/Demo	GCET	28 Feb 20...	
21	24R11A66D2 (AIML-C)	K.J. Prateek	Vaisheshika-2025/Workin	GCET	28 Feb 20...	
22	24R11A66E1 (AIML-C)	P.Sowmya	Vaisheshika-2025/Workin	GCET	28 Feb 20...	
23	24R11A66H O(AIML-C)	Dasari Avaneesh	Vaisheshika-2025/Workin	GCET	28 Feb 20...	
24	24R11A66E6 (AIML-C)	S.Rushitha Sai	Vaisheshika-2025/Workin	GCET	28 Feb 20...	
25	24R11A66E3 (AIML-C)	Saganty Roy Henson	Vaisheshika-2025/Workin	GCET	28 Feb 20...	
26	24R11A66E2 (AIML-C)	Rehan Alam	Vaisheshika-2025/Working	GCET	28 Feb 20...	
27	24R11A05F0 , CSE C	Varanasi Ramya	National Level Project	Narsimha Reddy Engineering	21 Feb 20...	
28	24R11A05F1, CSE C	S Harsha Vardhan	National Level Project	Narsimha Reddy Engineering	21 Feb 20...	
29	24R11A05E6 , CSE C	T. Satwik	Vaisheshika-2025/Workin	GCET	28 Feb 20...	
30	24R11A05E0 , CSE C	R. Rohith Reddy	Vaisheshika-2025/Workin	GCET	28 Feb 20...	
31	24R11A05F2, CSE C	Y.S.D Lavanya	Vaisheshika-2025/Workin	GCET	28 Feb 20...	
32	24R11A05D 6, CSE C	Abhinaya Reddy	Vaisheshika-2025/Workin	GCET	28 Feb 20...	
33	24R11A05E2 , CSE C	Shaik Riyaz	Vaisheshika-2025/Workin	GCET	28 Feb 20...	



## 27. Faculty - Chaired Sessions

S. No.	Name of the Faculty	Topic	International/ National	Organization	Conducted Date
1	Dr. N. Subhadra	Data Predictive and Numerical Simulations	National	Indian Institutions of Technology	24th April 2025
2	Dr. N. Subhadra	Brain Cancer Prediction Using Machine Learning with IACO Technique	International	Department of Computer Science and Engineering, JIET Jodhpur	25th -26th April, 2025

## 28. Invited Talks

S. No.	Name of the Faculty	Topic of the talk	Organization Offered	Date of the talk
1	Dr H Lakshmi Mittipati	Transformations in Computer graphics	Villa Marie Degree college for Women	14 Aug 2024
2	Dr. G. Srinivas	Introduction of Mathematica Software	St. Joseph Degree College,	20 Aug 2024
3	Dr. P. Raju	Workshop on Interactive Simulations for Effective Physics Learning	Gobi Arts & Science College (Autonomous) Gobichettipalayam	4 Jan 2025
4	Dr. J. Shankar	Workshop on Interactive Simulations for Effective Physics Learning	Gobi Arts & Science College (Autonomous) Gobichettipalayam	4 Jan 2025
5	Dr. P. Raju	Bridging Theory and Practice: Simulations and Virtual Labs for High School Physical Science Teachers	Department of Physics, Government Degree College, Medak, Telangana.	26 Feb 2025
6	Dr. B. Nagamani	1. Teaching Reading Skills 2.Strategies for Promoting Reading Comprehension	Osmania University	23 May 2025

## 29. NET/SET/Ph. D Awarded

S. No.	Name of the Faculty	NET/SET/Ph.D	Organization	Conducted Date
1	Mr. Sukanta Ghosh	Ph.D Completed	Regional Campus EFLU, Shillong	27 May 2025
2	Ms. Ch. Kalyani	Ph.D Completed	GITAM University, Hyderabad	11 Jun 2025

## 30. Faculty as Reviewers

S. No.	Name of the Faculty	International/ National	Name of the Journal	Date
1	Dr. J. Shankar	International	ECS	1 Jan 2025
2	Dr.P.Raju	International	Optical and Quantum	1 Jan 2025
3	Dr. P. Sakuntala	International/National	Food Analytical Methods	1 Feb 2025
4	Dr.P.Raju	International	Journal of Inorganic and	1 Apr 2025
5	Dr.P.Raju	International	Construction and Building Materials	1 Jun 2025

# SAMIKSHA- NEWSLETTER: Jan 2025 to June 2025

Geethanjali College of Engineering & Technology is a renowned institution located in Cheerial Village, within the Medchal Malkajgiri District of Telangana, India. Known for its commitment to excellence in technical education, the college offers a variety of undergraduate and postgraduate programs in engineering and technology. The institution boasts a modern campus equipped with state-of-the-art facilities, fostering an environment conducive to learning and innovation. With a focus on industry-relevant education, Geethanjali College aims to equip students with the skills necessary to succeed in their professional careers. For more information, inquiries can be directed to their official contact email at [info@gcet.edu.in](mailto:info@gcet.edu.in).



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