



Report on VRSEC- ISTE student chapter Activities for the AY: 2022-23

S. No.	Name of the Activity	Date	Page No
1.	Project Expo	03.11.2022	2
2.	Guest Lecture on Entrepreneurship	07.02.2023	7
3.	Guest Lecture on Innovation Through Passion	17.02.2023	13
4.	Guest Lecture on Career Guidance and Personality Development	21.02.2023	18
5.	Coding Event	20.04.2023	22

REPORT ON PROJECT EXPO



The poster is for a Project Expo organized by the ISTE Student Chapter at Velagapudi Ramakrishna Siddhartha Engineering College. It features a light blue background with a dark blue wavy border at the bottom. The college's name and logo are at the top. The main title 'MODEL / POSTER PRESENTATION' is in large red letters. Key details include the date (03rd November 2022), time (3:00 PM), and venue (ECE Seminar Hall). A list of general rules is provided, along with contact details for faculty and student coordinators. The poster also mentions that the event is organized by the Indian Society For Technical Education Student Chapter.

VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE
(AUTONOMOUS)

ISTE-Student Chapter Project Expo

Topic:
MODEL / POSTER PRESENTATION

Date: **03rd November 2022** | Time: **3:00 PM**
Venue: **ECE Seminar Hall**

General Rules:

- ✓ Only ISTE members are eligible for the event
- ✓ A Team must have only 2 members
- ✓ No Registration Fee
- ✓ Certificate will be provided for every participant.
- ✓ The decision of the judges will be final and any discussions regarding judgment will not be entertained
- ✓ Each team should display the working project for Model presentation
- ✓ Each team should present their poster clearly for poster presentation
- ✓ Winners are selected from the contestants based on their performance scores.
- ✓ Prizes will be given for the winners

Registration link: <https://forms.gle/ncvyyBygfw59s5B8>

Organized by
Indian Society For Technical Education Student Chapter

Faculty Coordinators:
Dr. G. JAMUNA RANI
Asst. Professor, Dept. of ME
Secretary, ISTE Student Chapter
Dr. S. SRINIVASULU RAJU
Asst. Professor, Dept. of EIE

Convenor:
Dr. A. JHANSI RANI
Chairman- ISTE Student Chapter
Professor, Dept. of ECE

Student Coordinators:
Mr. T. DHEERAJ - ECE
Mr. P. SYAM PRATAP - IT
Mr. B. TEJA - EIE
Mr. B. GOPI - EEE

CONTACT DETAILS:
T. Dheeraj | **P. Syam Pratap**
☎ 8500545747 | ☎ 8897786247

Project Expo on 3rd November 2022 at 3:00 PM IST

The Indian Society for technical education (ISTE) student chapter Velagapudi Ramakrishna Siddhartha Engineering College organized an Innovative Project expo under the guidance of Dr A. Jhansi Rani, Chairman-ISTE student chapter and Dr G. Jamuna Rani, Secretary-ISTE student chapter and Dr S. Srinivasulu, Faculty Co-ordinator. Around forty students were participated and exhibited their talents with Innovative technical prototype models and Poster presentations.



Faculty and student coordinators with model presentation participants

The Model presentation contestants were awarded marks based on the 4 criteria i.e Problem statement, Uniqueness of the problem, Scalability of the problem, Utility of the solution



Faculty and student coordinators with poster presentation participants

The poster presentation contestants were awarded marks based on the Idea, Addressing the problem, Innovation in the solution, and Uniqueness of the solution.



Judges evaluating the models

Based on those in the model presentation 1st Place was given to the model “Smart Mirror” by 2/4 students from Mechanical Dept and 2nd place was given to “Agriculture motor operation using Lora” by 3/4 students from Electronics and Communication Dept.



Judges evaluating the models



Announcement of winners

And coming to poster presentation 1st place was given to “Solar Scare Crow” by 2/4 students from ECE department and 2nd place was awarded to “Arduino based non-invasive Blood Glucose Measurement” by 3/4 students from EIE department



Poster presentation winners

The Convenor Dr A. Jhansi Rani, advised the participants to give active participation in more curricular and co-curricular activities. The faculty coordinators also motivated the students for their wonderful effort.

List of students participated in the event.

Name of the Student	Roll No	Team Members	Year	Branch/Section	Model/Poster	Title of the problem
Samyuktha Inala	208W1A10A9	G.Venkata Sneha	3/4	EIE-B	Model	Smart Segregator Using Iot
Mouna Sum	208W1A04H1	M.Divya Poojitha	2/4	ECE-C	Poster	Collision Avoidance System
Telagamsetty Sushmanjali	218W1A04J3	T.Sushmanjali, T.Navya Sri Rashmitha	2/4	ECE-C	Poster	Electronic Waste Management Agriculture Motor Operation With LORA
Jala Waran Job	208W1A04L2	D.Kumar Reddy	3/4	ECE-D	Model	
Bodipudi. Tharaka Lakshmi Prasanna	208W1A1006	Chippala. Anusha	3/4	EIE-A	Poster	Sugarcane Planting Methods
Reddam Gnana Venkata Prasanna	208W1A1048	Ch. Gopi Sahithi	3/4	EIE-A	Poster	Bone Age Assesment Using Deep Learning
Vemulapalli Sai Bhargav	208W1A1057	Ravuri Sri Mahalakshmi	3/4	EIE-A	Poster	Arduino Based Non-Invasive Blood Glucose Measurement Using Sweat Sensor
Vadlamudi Harshita	208W1A1053	Yella Sowmya , R.Bhuvaneswari	3/4	EIE-A	Poster	Verlito
N. Aleshwari	208W1A1097	J.Likhitha	3/4	EIE-B	Model	Automatic Manhole Observant For Sewage Workers Safety
Rajasekhar	218W1A03C6	Kranthi, Vajeed ,Trinadth	2/4	MEC-B	Model	Smart Mirror
Sheikh Afeef Ahmed	198W1A0358	Srinivasa Raman Kanduri	4/4	MEC-A	Model	Egg Incubator For Small Scale Poultry Farmers
Gurucharan Duvvada	208W1A0271	-	3/4	EEE-B	Model	Self-Driven Vehicle For Physically Disabled People Using Bluetooth Technology
Ch.Mohiddin Khan	218W5A0202	-	3/4	EEE-A	Model	Iot Based Web Controlled Home Automation Using Arduino
K.Siva Anulohitha	218W1A04F9	Rekha Nirmala	2/4	ECE-C	Poster	Solar Scare Crow

Winners:

Model presentation: First Prize to Smart Mirror by Rajashekhar and team

Second Prize to Agriculture Motor Operation with LORA by Jala Waran Job and team

Poster Presentation: First prize to Solar Scare Crow by K.Siva Anulohitha and team

Second prize to Arduino based non-invasive Blood Glucose Measurement by Vemulapalli Sai Bhargav and team.



REPORT ON GUEST LECTURE ON ENTREPRENEURSHIP

Department of
Electronics & Communication Engineering

Organized by
ISTE
Student
Chapter

ISTE-Guest Lecture on
Entrepreneurship
MILATRONICS
- My life as an Entrepreneur

Date: 7th February 2023
Time: 2:30 PM
Venue: ECE Seminar Hall

CONVENOR:
Dr. A. Jhansi Rani
Professor, ECE Dept.

Resource Person
LOKESH VANKA
CEO, Founder Of Milatronics Private Limited,
IIT Hyderabad

Student Coordinators:
Mr. T.Dheeraj - ECE
Mr. P. Syam Pratap - IT

Faculty Coordinator :
Dr. K. Vara Prasad
Assistant Professor,
ECE Dept.

Contact Details:
Thamballa Dheeraj
Mobile: 8500545747
SyamPratapPotluri
Mobile: 8897786247

VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE
(AUTONOMOUS)

ISTE-GUEST LECTURE on 7th FEBRUARY 2023 at 2:30 PM IST

A Guest Lecture on “Entrepreneurship MILATRONICS-my life as an Entrepreneur” was organized by the Indian Society of technical education student chapter student coordinators under the guidance of Dr.A.Jhansi Rani Convenor, Dr.K.Vara Prasad Faculty coordinator, Mrs. K.V.Ratna Prabha, Assistant Professor,ECE Dept. Alumni-Coordinator and invited speaker Mr. Lokesh Vanka on 7th February 2023 at 2:30 P.M IST at Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh, India.

The Event started by introducing the speaker of the guest lecture by the student coordinator. Mr. Lokesh Vanka is the CEO, Founder of Milatronics private limited, IIT Hyderabad. He is the alumni of Velagapudi Ramakrishna Siddhartha Engineering College. The speaker is invited by presenting a bouquet by one of the student coordinator.



Guest intro by student coordinator



Inviting the guest by student coordinator

Mr. Lokesh Vanka delivered an exemplary talk on how he started his career as entrepreneur, the challenges faced by him throughout his career. He interacted with students about patents, paper publications. He advised students to take hardware projects and its usage in real time industry. He raised a flash light to educate the budding engineers in the scope of ECE.



Mr.Lokesh Vanka delivering his lecture

Mr. Lokesh Vanka shared valuable insights into the challenges faced by aqua agriculture farmers and how his company addresses these issues. He explained the innovative technology they developed to boost aqua farm yields. This device, detailed during the talk, showcases the company's commitment to advancing agriculture through technology, aiming to make a positive impact on farmers' livelihoods.



Participants in the guest lecture



Mr, Lokesh Vanka interacting with Student

After the Guest Lecture the Q&A session was really good with the students. Mr. Lokesh interacted very well with the students and a lot of students cleared their doubts about their projects by interacting with Mr Lokesh Vanka.



Student seeking clarification on her project-related queries

After the engaging interaction session, Convenor Jhansi Rani Mam took the initiative to connect with the students, providing valuable insights and discussing the key points from the lecture. The interactive exchange allowed for a deeper understanding of the subject matter and fostered a sense of connection between the students and the convenor.

Following the insightful interaction, the responsibility of expressing gratitude and acknowledging the contributions of the speaker fell upon the student coordinator, who extended a warm and appreciative vote of thanks. This moment served as an expression of gratitude towards the guest speaker, Mr. Lokesh Vanka, for his valuable time, knowledge, and expertise shared during the lecture.

In a gesture of appreciation, Mr. Lokesh Vanka was felicitated with a memento, commemorating his significant contribution to the event. The memento not only symbolized appreciation but also served as a token of remembrance for the enriching insights shared by Mr. Lokesh Vanka. The session is concluded on a positive note, leaving a lasting impression on all attendees and reinforcing the spirit of collaboration and knowledge exchange within the academic community.



Convenor Dr. A. Jhansi Rani Interacting with students



Student Coordinator presenting vote of thanks



Dr.A.Jhansi Rani,Professor,ECE and Mrs.K.V.Ratna Prabha, Assistant Professor, ECE felcitating Mr.Lokesh Vanka with Memento.



Student and Faculty Coordinators with Mr. Lokesh Vanka



REPORT ON GUEST LECTURE ON INNOVATION



The poster is for a guest lecture titled "INNOVATION THROUGH PASSION" organized by the ISTE Student Chapter at Velagapudi Ramakrishna Siddhartha Engineering College (Autonomous). The event is in association with the Department of Electronics & Communication Engineering. The guest speaker is P. V. Narasaiah Naidu, Executive Engineer / Construction, Vijayawada South Central Railway. The event is scheduled for 17th February 2023 at 3:00 PM in the ECE Seminar Hall. The poster also lists the convenors, faculty coordinator, and student coordinators.

VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE
(AUTONOMOUS)

Organized by **ISTE** Student Chapter

In association with **Department of Electronics & Communication Engineering**

ISTE-Guest Lecture on
INNOVATION
THROUGH PASSION

Date: 17th February 2023
Time: 3:00 PM
Venue: ECE Seminar Hall

CONVENORS:
Dr. A. Jhansi Rani
Professor, ECE Dept.
Dr. M. Padmaja
Professor, ECE Dept.

Faculty Coordinator :
Mr. Ch. Raghavendra
Assistant Professor,
ECE Dept.

Student Coordinators:
Mr. T. Dheeraj - ECE
Mr. P. Syam Pratap - IT

Guest Speaker:
P. V. NARASIAH NAIDU
Executive Engineer / Construction,
Vijayawada South Central Railway

Contact Details:
Thamballa Dheeraj
Mobile: 8500545747
Syam Pratap Potluri
Mobile: 8897786247

ISTE-GUEST LECTURE on 17th FEBRUARY 2023 at 3:00 PM IST

A Guest Lecture on “INNOVATION THROUGH PASSION” was organized by the Indian Society of technical education student chapter student coordinators under the guidance of Dr. A. Jhansi Rani convenor, Dr. M. Padmaja Convenor, Mr.Ch. Raghavendra Faculty coordinator and invited speaker P.V. NARASIAHNAIDU, Executive Engineer/ Construction, Vijayawada South Central Railway on 17th February 2023 at 3:00 P.M IST at Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh, India.

The seminar commenced with a gracious and heartfelt welcome extended by the esteemed conveners, Dr. A Jhansi Rani and Dr. M Padmaja, to the distinguished chief guest, Mr. P. V. Narasaiah Naidu. The atmosphere was further enriched by the presence of the diligent faculty coordinator, Mr. Ch. Raghavendra, and other esteemed faculty members who graced the occasion.



Guest intro by student coordinator

The introductory phase of the seminar was skillfully orchestrated by Gnaneswari Kancherla, a bright participant from the B-Tech ECE Department. Her eloquent introduction set the stage for the upcoming discourse, providing the audience with a glimpse into the captivating world of the seminar.

Following this, Akhila Dokala, took the stage to acquaint the audience with the illustrious guest of honor. With finesse, she shed light on Mr. P. V. Narasaiah Naidu's remarkable achievements and contributions, leaving the audience eager to delve into the insights he would share during the seminar.

The warm and engaging atmosphere created by the initial welcomes and introductions set the tone for an enlightening and enriching seminar experience. As the audience settled in, anticipation and curiosity filled the venue, creating an ideal environment for the exchange of knowledge and ideas that was about to unfold.



Inviting the guest by student coordinator

The seminar began with a warm welcome offered by conveners Dr. A Jhansi Rani madam and Dr. M Padmaja madam to the chief guest Mr. P. V. Narasaiah Naidu along with faculty coordinator Mr. Ch. Raghavendra accompanied by the faculty members situated in the venue. The seminar was given an introduction by Ganeswari Kancherla of B-Tech ECE Dept. The audience was acknowledged about the guest through Akhila Dokala of B-Tech third year who briefly introduced audience to the speaker and his achievements.



Mr.P.V.Narasaiah Naidu delivering his lecture

The speaker situated on the dais began the session by addressing the questions of “What exactly the word ‘innovation’ implies?”, “How innovation brought some of the remarkable changes in history and how it is expected to bring further impact on society?” with his presentation display aided by Syed Ashfaq Ahamad and Revanth Dasari of B-Tech third year. The guest motivated students about why innovation is needed in present and upcoming generation.



Students listening to the guest lecture



Mr, P.V.Narasaiah Naidu interacting with Students

He instilled curiosity into minds of audience about the rarity of passion in innovation and how it can turn us into better citizens of the society. He brought the concept of evolution of intellectual traits into light which was included while explaining about creative thinking and analogized it to tell how the present generation can improve the innovative qualities to motivate the future generations.



Felicitation By Convenors and Faculty coordinators

After the guest completed his lecture, the seminar was ended with the conveners, faculty coordinator and faculty members presenting a memento and certificate of appreciation to thank the speaker for his remarkable presence accompanied with vote of thanks given by Gnaneswari K and the applause of audience.



Convenors and Faculty coordinators with Mr.P. V. Narasaiah Naidu



REPORT ON GUEST LECTURE ON CAREER GUIDANCE & PERSONALITY DEVELOPMENT

**Department of Electronics and Communication Engineering
&
ISTE Student Chapter**

in association with
**Department of
Youth Services**
Govt. of Andhra Pradesh

**Guest Lecture on
Career Guidance
and Personality
Development**

Date: 21st February 2023
Time: 11:00 AM - 12:30 PM
Venue: ECE Seminar Hall



CONVENORS:
Dr. M. Padmaja
Professor, ECE Dept.
Dr. A. Jhansi Rani
Professor, ECE Dept.

GUEST SPEAKER:
Mr. SRIPATHI JAGADISH
Psychologist

GUEST SPEAKER:
Ms. TEJAVATHI
Psychologist

Faculty Coordinator :
Mrs. K. V. Ratna Prabha
Assistant Professor,
ECE Dept.

STUDENT COORDINATORS:
Mr. G. Ravi Kiran
Mobile: 9346585948
K.H. Naveen
Mobile: 7330696931

 **VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE**
(AUTONOMOUS) 

ISTE-GUEST LECTURE on 21st FEBRUARY 2023 at 11:00 AM IST

A Guest Lecture on “Career Guidance and Personality Development” was organized by the Indian Society of technical education student chapter student coordinators under the guidance of Dr. A. Jhansi Rani convenor, Dr. M. Padmaja Convenor, Mrs. K. V. Ratna Prabha Faculty coordinator and invited speakers Mr. Sripathi Jagadish, Psychologist and Ms Tejavathi, Psychologist on 21st February 2023 at 11:00 A.M IST at Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh, India.

Mr. Sripathi Jagadish, a distinguished psychologist, graced the seminar with his insightful discourse on Personality Development. His exemplary talk left an indelible mark on the audience as he skillfully delved into various facets of personal growth and self-improvement.



Mr. Sripathi Jagadish delivering his lecture

During the session, Mr. Jagadish actively engaged with the students, fostering a dynamic interaction that centered around their lifestyle choices, behaviour patterns, and character development. His keen observations and expert analysis provided valuable insights into understanding oneself and encouraged the audience to reflect on their own journeys of personal growth.

A key highlight of Mr. Jagadish's talk was his emphasis on the importance of making informed decisions regarding one's career. He shared practical advice and wisdom, guiding students on how to navigate the intricate landscape of career choices. His words served as a beacon, inspiring students to align their aspirations with their strengths and passions, thereby ensuring a fulfilling and purposeful professional journey.

Mr. Sripathi Jagadish's expertise, not only broadened the horizons of the students' understanding of personality development but also empowered them to make informed choices that would shape their future endeavors. His impactful talk undoubtedly left an enduring impact, serving as a source of inspiration for all those in attendance.



Participants in the Guest Lecture

Ms. Tejavathi, in her enlightening lecture on career guidance, skillfully navigated the intricacies of shaping students' characters through practical examples. Her session was a beacon of guidance, shedding light on the crucial aspect of aligning one's career choices with personal values and aspirations.

Drawing from her wealth of experience, Ms. Tejavathi elucidated the importance of character development in the context of career decisions. She shared compelling examples that resonated with the students, illustrating how certain traits and values could significantly impact their professional journeys.



Ms. Tejavathi delivering her lecture

Throughout the lecture, Ms. Tejavathi encouraged students to reflect on their own values, strengths, and goals. Her guidance went beyond conventional career advice, emphasizing the significance of integrity, resilience, and ethical conduct in shaping a successful and fulfilling career.

By weaving real-life examples into her discourse, Ms. Tejavathi made the concept of character development tangible and relatable for the audience. Her practical approach empowered students to envision the kind of professionals they aspired to become, instilling a sense of purpose and direction in their academic and career pursuits.

In summary, Ms. Tejavathi's lecture not only provided valuable insights into career guidance but also inspired students to cultivate a strong and principled character as they navigate the complexities of their professional journeys. Her words served as a catalyst for personal and professional growth, leaving a lasting impact on those fortunate enough to be a part of her session.



Convenors and faculty Co-Ordinator's felicitating guests with memento



BRIEF REPORT ON Coding Event

**VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE**
(AUTONOMOUS)

**ISTE-
CODING
EVENT**
Date: 20th April 2023 | Time: 3:30 PM

- ✓ Only ISTE members are eligible for the event
- ✓ No fee for registration
- ✓ E-certificate will be provided
- ✓ The decision of the judges will be final and any discussions regarding judgment will not be entertained
- ✓ Each student should express their code clearly and concisely
- ✓ Marks will be awarded to the candidate based on their performance and other parameters
- ✓ One student is selected from the contestants based on their performance scores as a winner
- ✓ One student is selected from the contestants based on their performance scores as a runner

Convenor:
Dr. A. Jhansi Rani
Professor, ECE Dept.

Faculty Coordinator :
Mrs. P. Madhavi Latha
Assistant Professor - IT
Dr. G. Jamuna Rani
Assistant Professor - ME

Student Coordinators:
Contact Details:
Thamballa Dheeraj-ECE
Mobile: 8500545747
Syam Pratap Potluri-IT
Mobile: 8897786247

Registration link: <https://forms.gle/wd44jThvUxVFJY1Q9>

Organized by

ISTE
Student
Chapter

**INFORMATION
TECHNOLOGY**

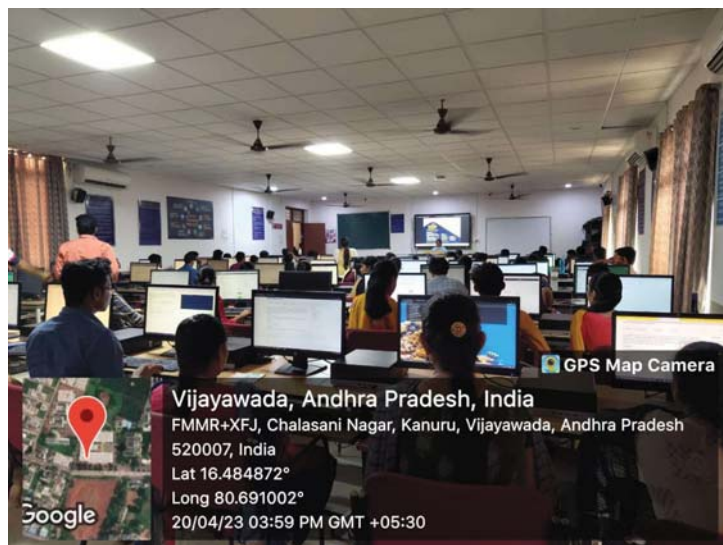
Coding Event on 20th April 2023 at 3:30 PM IST

The Indian Society for technical education (ISTE) student chapter Velagapudi Ramakrishna Siddhartha Engineering College organized a Coding Event under the guidance of Dr A. Jhansi Rani Convenor and Faculty coordinators Mrs. P. Madhavi Latha, Dr G. Jamuna Rani. Students participated and exhibited their skills in Coding and a small quiz on programming.

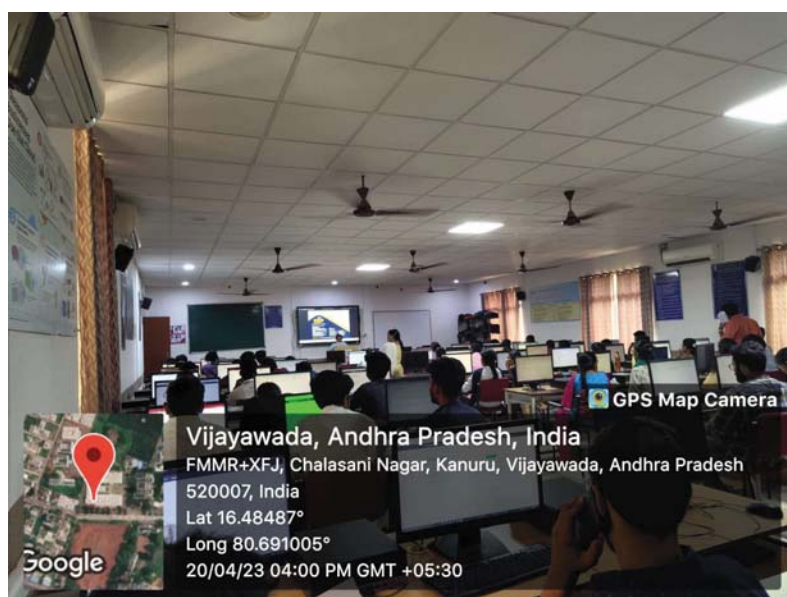


Student Coordinator explaining the rules

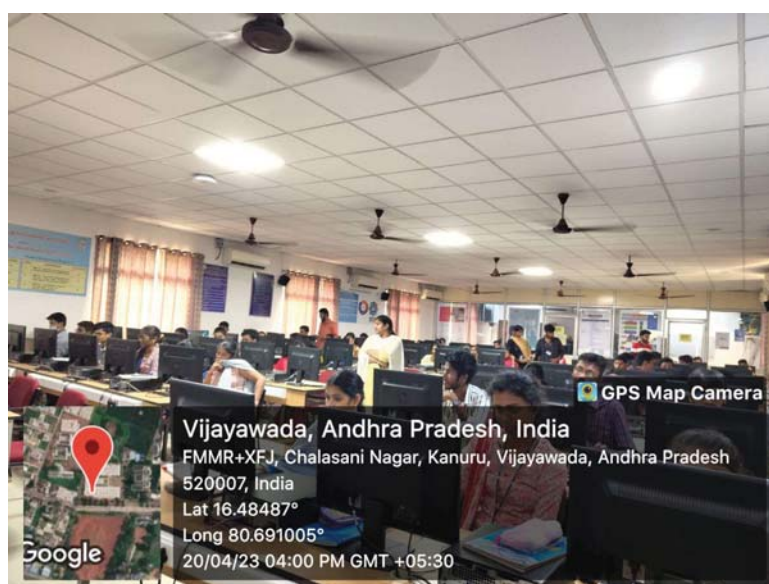
The contestants participating in the programming competition were meticulously evaluated and awarded marks based on specific criteria, namely the Time complexity and the Space complexity of their respective programs. The assessment considered not only the correctness of the code but also the efficiency in terms of time and space utilization. This approach ensured a comprehensive evaluation, encouraging participants to not only focus on achieving the desired outcomes but also to optimize their solutions for computational efficiency. The incorporation of both Time complexity and Space complexity as criteria aimed to highlight the importance of not just functional correctness but also resource-efficient coding practices.



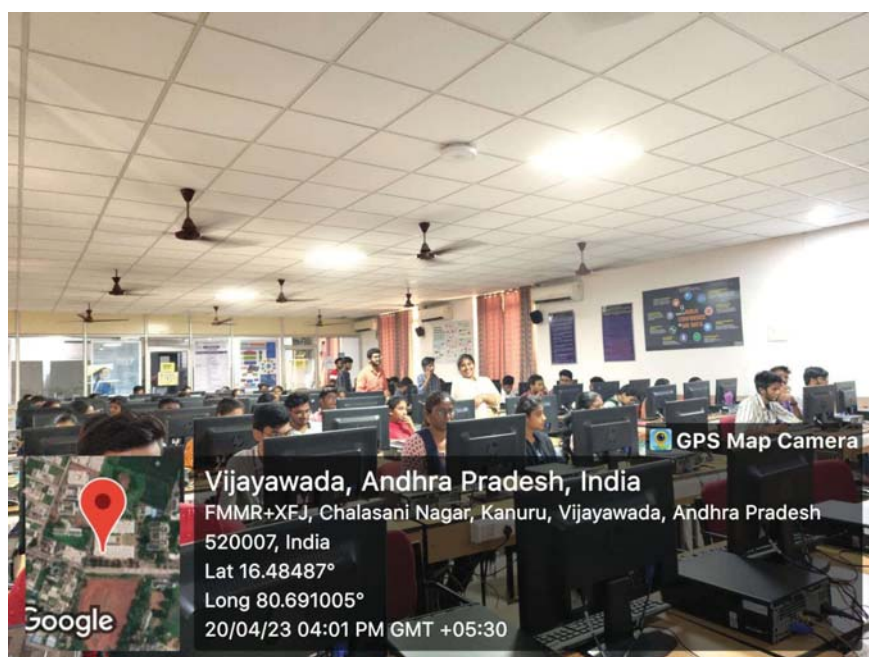
Participants in the coding contest



In accordance with the predetermined criteria, the contestants were subjected to a thorough evaluation, and based on their performance, they were awarded the first, second, and third prizes. The established criteria, which encompassed factors such as technical proficiency, creativity, and adherence to guidelines, allowed for a comprehensive assessment of each participant's contribution. This approach ensured that the recognition and accolades were bestowed not only on the basis of merit but also in alignment with the specific standards set for the competition. The awards, symbolizing excellence in various aspects, were a testament to the outstanding achievements of the deserving contestants.



Student Coordinators monitoring the Participants



Convenor Dr. A. Jhansi Rani advised the participants to give active participation in more curricular and co-curricular activities. The faculty coordinators also appreciated the students for their active participation.

