CURSORS
2K23

PRAGNANAM BRAHMA

Principal's Message

This gives me immense pleasure to know that **Department of Computer Science and Engineering** is organizing a **Two Day State Level Tech Fest**, "**CURSORS 2K23**" on **2nd & 3rd March 2023.**

I am sure that the dynamic students of CSE department and faculty will shape this event to be a grand success, igniting the brilliant brains of all participants who gather together to exchange of information and knowledge pertaining to the latest developments of Computer Science and Engineering and elite inter-disciplinary subjects as the event proposed to cover a wide range of topics.

I congratulate Dr.P E S N Krishna Prasad, Head of the Department, Faculty and Students of CSE department for their initiative and systematic planning and wish them success in all their endeavors to make the tech fest a grand success.

Dr. Kalva Sri Rama Krishna
Prinicipal, ANITS

PRAGNANAM BRAHMA

HOD's Message

I am delighted that the **Department of CSE** is launching its souvenir with their achievements and programs which will boost the buoyancy of the department. The souvenir showcases the transformation which is visible in every activity conducted by the department.

I appreciate the students for their worthy accomplishments and plethora of successes and the faculty who are the sheet-anchors of the students. I envisage, the department of CSE, with their high-growth trajectory would strengthen their department to sustain their track record and focus their attention on grooming the students into star performance.

I hope, with their innovative ideas, inventive thoughts and incessant hard work, the **Department of CSE** would reach iconic position and bring laurels to the institution.

Dr. P E S N Krishna Prasad
HOD, ANITS

VISION OF THE DEPARTMENT:

Our vision is to emerge as a world class Computer Science and Engineering department through excellent teaching and strong research environment that responds swiftly to the challenges of changing computer science technology and addresses technological needs of the stakeholders.

MISSION OF THE DEPARTMENT:

To enable our students to master the fundamental principles of computing and to develop in them the skills needed to solve practical problems using contemporary computer-based technologies and practices to cultivate a community of professionals who will serve the public as resources on state-of-the-art computing science and information technology.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS):

PEO-1 Employability
Work as Competent Computer Engineer either globally or locally by engaging in professional practice in a variety of roles with ability to serve as a team or individual.

PEO-2 Higher studies
Prepared to pursue masters or research programmes in computer science or other disciplines.

PEO-3 Entrepreneurship
Become successful Entrepreneurs who demonstrate strong technical and leadership skills to bring out innovative designs/products that also addresses social issues.

PEO-4 Lifelong learning and ethics
Adapt to rapidly changing technology in engineering domains through continuous learning and practice code of ethics.

PROGRAM OUTCOMES (POS):

Graduate Attribute1: Engineering Knowledge
PO- A An ability to apply the knowledge of basic engineering sciences, humanities, core engineering and computing concept in modelling and designing computer-based systems.

Graduate Attribute2: Problem Analysis
PO-B An ability to identify, analyse the problems in different domains and define the requirements appropriate to the solution**.**
Graduate Attribute3: Design/Development of Solution
PO-C An ability to design, implement & test a computer-based system, component or process that meet functional constraints such as public health and safety, cultural, societal and environmental considerations.

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Graduate Attribute4: Conduct Investigations of Complex Problems
PO-D An ability to apply computing knowledge to conduct experiments and solve complex problems, to analyse and interpret the results obtained within specified timeframe and financial constraints consistently.

Graduate Attribute5: Modern Tool Usage
PO-E An ability to apply or create modern techniques and tools to solve engineering problems that demonstrate cognition of limitations involved in design choices

6. The engineer and society: An ability to apply reasoning to assess societal, safety, health and cultural issues and the consequent responsibilities relevant to the professional engineering practice

7. Environment and sustainability: An ability to understand the impact of professional engineering solutions in societal and environmental contexts

8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice

9. Individual and team work: Ability to function effectively as an individual, and as a member or leader in a team, and in multidisciplinary tasks

10. Communication: Ability to communicate effectively on engineering activities with the engineering community such as, being able to comprehend and write effective reports and design documentation, make effective presentations.

11. Project management and finance: An ability to apply knowledge, skills, tools, and techniques to project activities to meet the project requirements with the aim of managing project resources properly and achieving the project's objectives.

12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs):

PSOs1 - Programming and software Development skills: Ability to acquire programming efficiency to analyze, design and develop optimal solutions, apply standard practices in software project development to deliver quality software product.
PSOs2 -
Computer Science Specific Skills: Ability to formulate, simulate and use knowledge in various domains like data engineering, image processing and information and network security, artificial intelligence etc., and provide solutions to new ideas and innovations

CURSORS 2K23 COMMITTEES

CONVENER

Dr. P E S N Krishna Prasad

CO-CONVENERS

G Pranitha
P Spandanavalli
P Krishnanjaneylu

CORE COMMITTEE

Harsha, Sashank

TECHNICAL EVENTS COORDINATORS:

Faculty Coordinators
LOGICAL MINDS : Mrs N Marline joys
Student Coordinators:
G Akhil Venkat, M Dheeraj, P Ruthvik, V Vinod, G K Ram

Faculty Coordinators
BRAIN TRAIN: Mr. S Bosu Babu
Student Coordinators
Nirupam, L Sai Charan, G Mouli

Faculty Coordinators
PAPER PRESENTATION: Dr V Sangeeta
Student Coordinators
D.V A S S Krishna Varma, G Akhil Venkat, Avs Koushik

Faculty Coordinators
POSTER PRESENTATION : Mr B Mahesh
Student Coordinators
V Jyothirmai, R Nikhila, B Gowthami

Faculty Coordinators
BLIND CODING: Mr. S Bosu Babu
Student Coordinators
G Rajesh, D Twinkle, S Usha Sri

Faculty Coordinators
LOGO DESIGN: Mrs. S A Bhavani
Student Coordinators
K Saranya, K Gayathri, S K Muskan

NON - TECHNICAL EVENTS COORDINATORS

Faculty Coordinators
INSTA REELS: Mrs. D Anusha
Student Coordinators
N Likhitha, V Raman Raj, S Charan

Faculty Coordinators
MR. &MS.CURSORS: Mr K Chandra Sekhar, Mrs. G Gayatri
Student Coordinators
K Ratna Bhargavi, G M Sanjana

Faculty Coordinators
QUIZ: Mrs. D Anusha
Student Coordinators
G Manju, M Manasa, K Deepika

Faculty Coordinators
CLICK &SHOW: Mr. k Chandra Sekhar
Student Coordinators
K Ajay Kumar, K Siva Kalyan, K Raj Kumar

Faculty Coordinators
INSTRUMENTAL: Dr. A Rohini, V Sree Lahari
Student Coordinators
K Krishnaveni, M Hadassa, K L Sindu Bhargavi, M Alekya

Faculty Coordinators
HERITAGE OF INDIA: Mrs. N Preethi
Student Coordinators
P V Narasimha, V L Shreya, M Usha

Faculty Coordinators
POETRY: Mr. K Chandra Sekhar
Student Coordinators
K Devika, K Anupama, P Anjali

Faculty Coordinators
CRAFTS: Mrs. G Gowri Pushpa, B Sree Lahari
Student Coordinators
PN Lasya Priya, M Venkatesh, P N Hima Varsha

Faculty Coordinators
XTEMPO: Mrs V Mamatha, Mrs. D Ashwini
Student Coordinators
K Ratna Bhargavi, D Ashish

Faculty Coordinators
TREASURE HUNT: Mrs. K Amaravati, Mrs. V Mamatha
Student Coordinators
K Prem, R Sai Vanaja, M Bhashitha

Faculty Coordinators
Fine Arts: Mr k Chadra Sekhar
Student Coordinators
B Uha maduri

Faculty Coordinators
Debate competition : Mr. S.Bosu Babu
Student Coordinators
D.Ashish, M.Manasa

Faculty Coordinators
Googler: Dr.V.Usha Bala
Student Coordinators
K.Kishan Preetham, Ch.ajay kumar, D.Twinkle

Faculty Coordinators
Flashmob: Dr.V.Usha Bala
Student Coordinators
l.omkar, v.prashanth

PRE - FEST EVENTS COORDINATORS

Faculty Coordinators
Fullstack Workshop With .Net : Mr. S.Bosu Babu
Student Coordinators
D.Ashish, M.Manasa

Faculty Coordinators
Workshop on Blockchain & its industry application: Dr.V.Usha Bala
Student Coordinators
K.Kishan Preetham, Ch.ajay kumar, D.Twinkle

Faculty Coordinators
Ideathon: Dr.V.Usha Bala
Student Coordinators
K.Kishan Preetham, Ch.ajay kumar, D.Twinkle

REGISTRATIONS, PRIZES & CERTIFICATES COORDINATOR

Faculty Coordinators
B.Mahesh, P.Swathi , MarlineJoyce
Student Coordinators
Saran Reddy, G Deepak

DECORATION & INVITATION

Faculty Coordinators
Dr.A.Rohini & N.Preeti

Student Coordinators
v kvya,N usha, G chandu

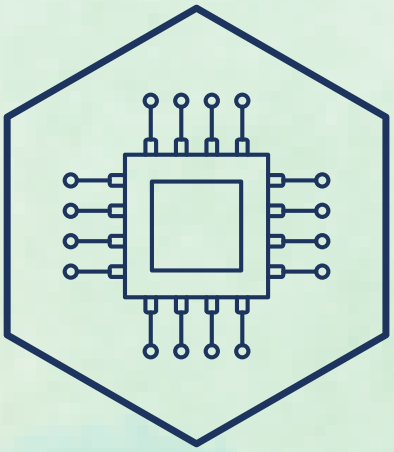
SOVENIR DESIGN, PRINTING

Faculty Coordinators
G.Pranitha ,P.Krishnanajaneylu, P.Spandanavalli

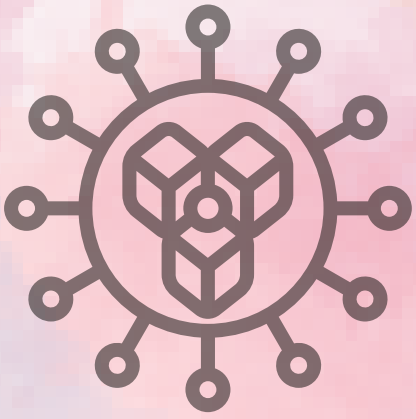
Student Coordinators
M. Dheeraj, B.Balamurali,V.Shreya

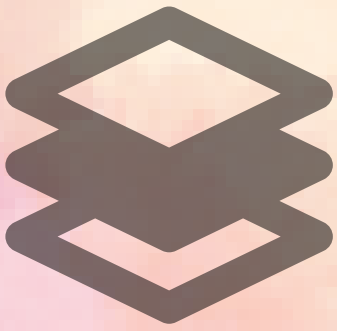
DISCIPLINE COMMITTEE

Faculty Coordinators
Dr.V.Usha bala



Pre events





Workshop on Blockchain & its Applications

A blockchain and industrial applications workshop is an event that provides participants with an opportunity to learn about blockchain technology and its applications in various industries. The workshop typically includes presentations, discussions, and hands-on activities aimed at introducing participants to the principles of blockchain technology and its potential use cases in industries such as finance, supply chain management, and healthcare.

The workshop is designed to help participants understand the key concepts of blockchain technology, such as decentralization, transparency, and immutability, and to explore the benefits and challenges of implementing blockchain-based solutions in different industries. The workshop may also cover related topics such as smart contracts, distributed ledgers, and cryptocurrencies.

Overall, a blockchain and industrial applications workshop is a valuable event for anyone interested in exploring the potential of blockchain technology and its applications in various industries. The workshop can help participants gain a deeper understanding of the technology and its implications, and provide them with the knowledge and skills needed to develop blockchain-based solutions in their own industries.

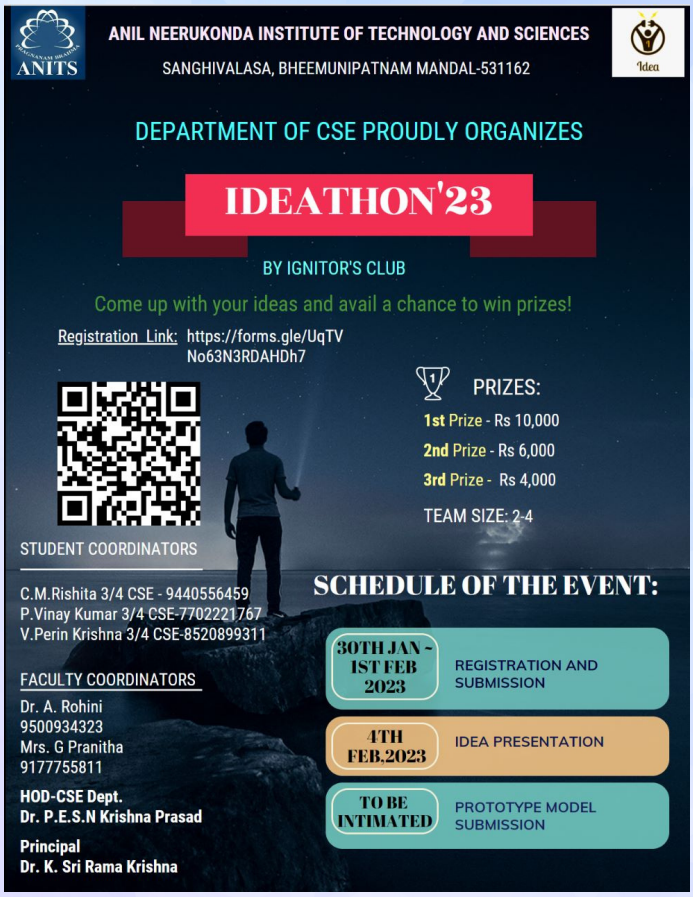
Full Stack Workshop with . NET

A Full Stack .NET developer is responsible for developing both the front-end and back-end components of web applications using the .NET framework. They need to be proficient in technologies such as C#, ASP.NET, HTML, CSS, and JavaScript, as well as database management systems like SQL Server.

The front-end development involves creating the user interface of the web application using HTML, CSS, and JavaScript. The back-end development involves creating the server-side logic using C# and the ASP.NET framework. The developer needs to ensure that the application is scalable, secure, and meets the performance requirements.

In addition to technical skills, a Full Stack .NET developer also needs to have good communication skills, problem-solving skills, and the ability to work collaboratively with other developers, designers, and stakeholders. They need to keep up-to-date with the latest technologies and trends in web development to provide the best solutions to their clients.

Ideathon 2K23

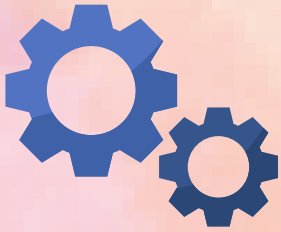


CURSORS 2K23

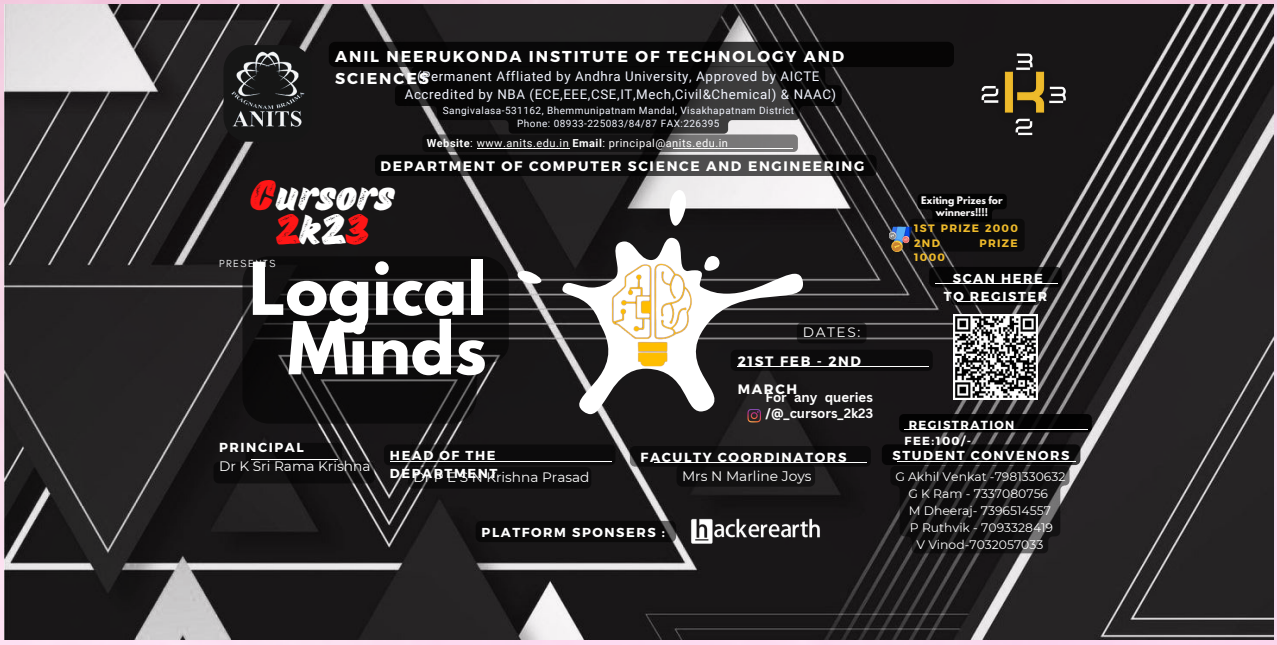
We have conducted an event called “IDEATHON 2k23”. Through this event, we collected many project ideas and start-up ideas from the students. We nearly got more than 20 different project ideas from the students. The way, we conducted this event is- First, we collected the responses and ideas from the students through a google form. Then they gave a presentation on their project idea. Judges evaluated their ideas and shortlisted the best 6 project ideas. Those who got shortlisted, have to submit the prototype for their project. From the 6 prototypes, we will select the top three prototypes.

CHAPTER :

Technical Events



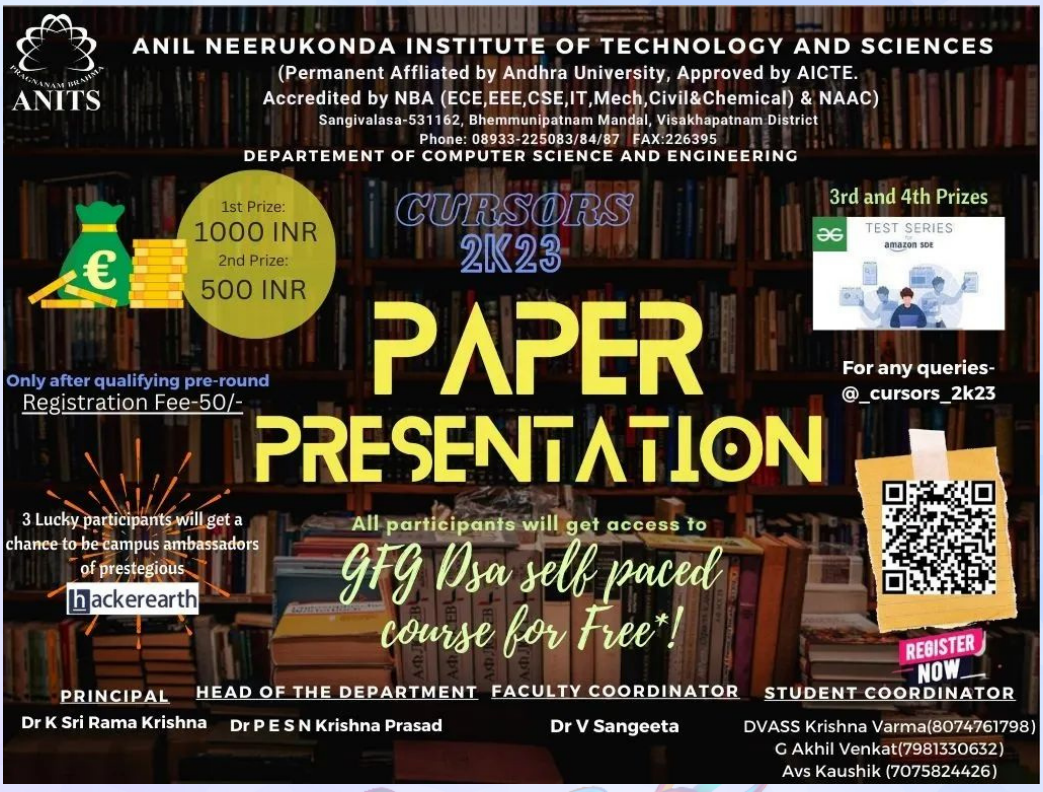
Logical Minds



- It is a 10 days long coding challenge.
- One question each for the first 9 days(online) and 3 questions on the 10th day(offline).
- The level of questions will be increasing from easy to hard, parallelly the time given for solving is also increased.
- On the final day, you will be given 2 hours to solve 3 questions.
- The score will be cumulative.
- On the 4th and 8th days , there will be bonus questions to solve but no extra time is given specifically for the bonus questions.
- The points will be graded based on the number of wrong submissions and the time taken for submission of the correct answers.
- On the 10th day, top 30 participants from the previous days will have to come to ANITS for the offline round.
- Winners will be declared on the 10th day.
- Prizes: 1st Prize- Rs. 2000
- 2nd Prize- Rs. 1000

Dates : 21-02-2023 to 2-03-2023

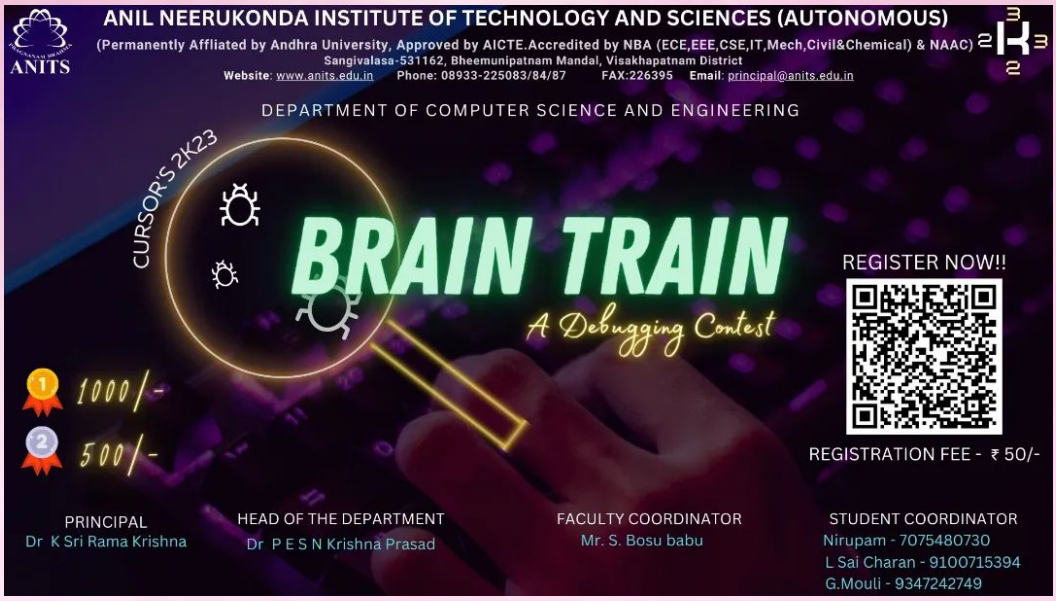
Paper Presentation



A paper presentation event in a technical fest typically involves participants presenting their research or project work to a panel of judges and an audience of peers. The event is usually conducted in multiple rounds, with the initial rounds being held online or through submission of abstracts, followed by the final round where the selected participants present their work in person.
The participants are usually given a fixed amount of time, typically 10-15 minutes, to present their paper, followed by a brief question and answer session. The judges evaluate the presentations based on various criteria, including the novelty of the research, the clarity of the presentation, the quality of the visual aids used, and the ability of the presenter to effectively communicate their ideas.

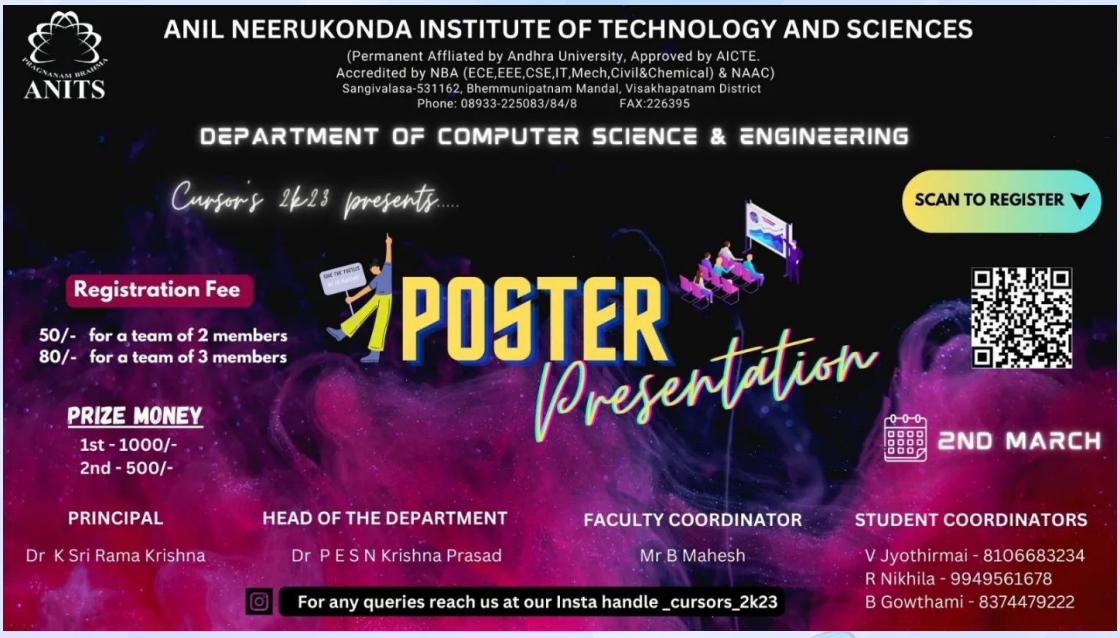
The winners of the paper presentation event are typically awarded prizes or certificates, and their work may be published in academic journals or presented at conferences. The event provides a platform for students and researchers to showcase their work, gain valuable feedback from experts in their field, and network with peers and potential employers.
We conducted this event with a great response. We got a total of 29 different papers and as there is no specific theme the participants are free to choose any theme.
Venue- Project Lab CSE Block
Time- 01/03/2023 to 03/03/2023

BRAIN TRAIN



This is one of the interesting events and was held in the college campus.
Everyone knows that Coding is the basic and most essential need for Computer
Science Students. But Errors are the ones that teach and make us comfortable
with the language and help us to understand and to improve. Here is an
opportunity to show your skills on spotting the error. A question will be given
and some time is given to figure out what the error is…! The one who finds out
the errors and corrects them for maximum questions is awarded as winner

Poster Presentation



A poster presentation is a type of academic or professional presentation where research or ideas are presented on a large poster. The poster typically includes a summary of the research or ideas, along with visual aids such as graphs, charts, or images.

Poster presentations are commonly used in conferences, symposia, and other academic or professional events, and they allow presenters to showcase their work in a visually engaging and concise manner. The poster can be used to provide an overview of the research or ideas, as well as to stimulate discussions and interactions with other attendees.

Effective poster presentations should be well-organized, visually appealing, and easy to read. The presenter should be able to articulate the key points of their research or ideas in a clear and concise manner, and engage with viewers to answer questions and discuss their work. Overall, poster presentations are a valuable tool for sharing and discussing research and ideas within academic and professional communities.

Blind Coding

Blind coding is a technique used by programmers to improve their coding skills by typing code without looking at the keyboard. This technique requires the programmer to have a solid understanding of keyboard shortcuts and an ability to visualize the layout of the keyboard in their mind.

The aim of blind coding is to improve typing speed, accuracy, and muscle memory, which can help programmers to work more efficiently and effectively. Blind coding can also help to reduce typing errors and increase concentration and focus while coding.

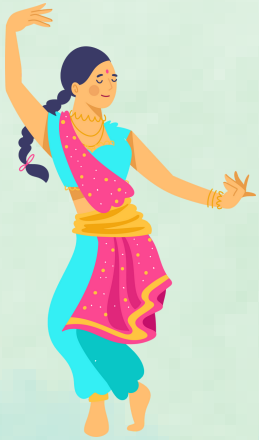
Blind coding can be practiced in various ways, such as typing common code snippets or practicing with specific programming languages. It is a popular technique among programmers and is often used as a way to improve their coding skills and productivity.

Logo Design

LOGO DESIGN

- Simplest way to represent an organization....
- We started the event with so much enthusiasm and zeal, starting with themes upto selecting the winners....
- At first, we selected some themes to design a logo (i.e cursors, justice for animals, fly high). We circulated a registration form in which the participants will get all the details about the themes and also the event and through which they can pay the registration fee.
- As this was an online event there is no need for the participants to come to the venue, the participants submitted their designs to the mails of the coordinators.
- The event is completed and the winners were also decided. 1st prize is 1000/- and the 2nd prize is 500/-

OPEN
CULTURE



CHAPTER :

Non-Technical Events

FLASH MOB

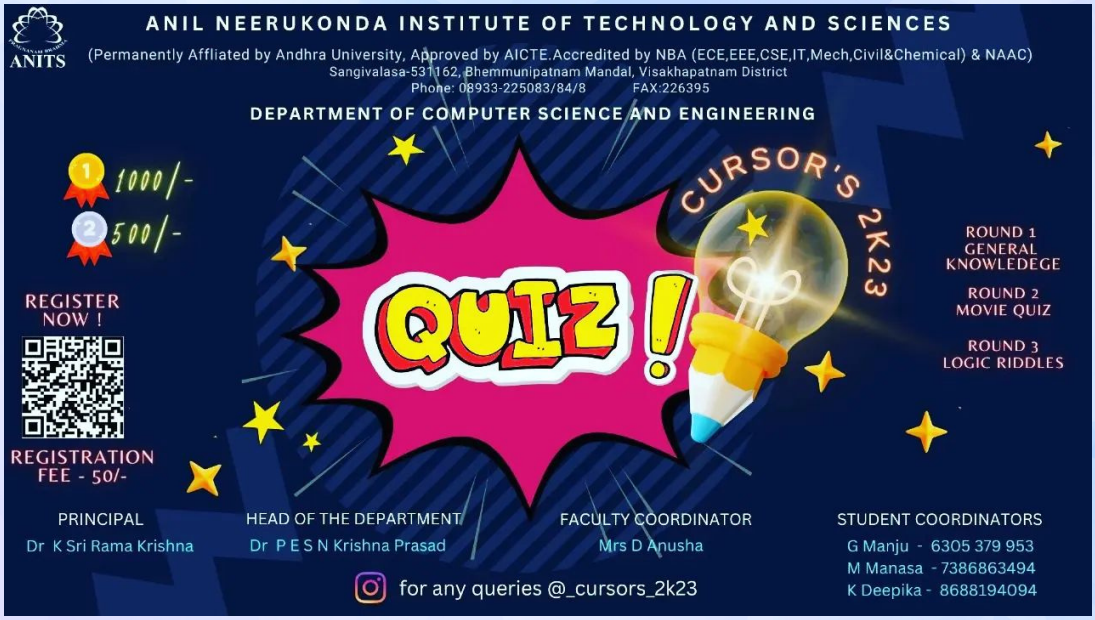
Every year as a part of promotional events of Cursors 2K23 we conduct "Flash Mob".

It helped us to spread awarness through entertainment and in promoting our sponsors.

We conducted Flash Mob on 1st March 2023 in ANITS near open Air auditorium and the response was huge as more than 300 students attended the event making it successful.

The event started at 3:30 pm and went on for an hour. The event was a huge success as it made the crowd roar in enjoyment. It was the perfect beginning to the grand event CURSORS 2k23.

Quiz



Quiz event is conducted in such a manner that there are three rounds I.e:

1 . General Knowledge

2. Movie Quiz

3. Logic Riddles .

All the rounds are held with enthusiasm and all the students participated in sportive way with all interest. Finally the scores are awarded as total of all three rounds and who scored top 2 places are declared as winner and runner !27 teams where each team has 2 participants that participated in this event and the event was successfully completed!

Date : 27-02-2023

Time : 11:10 tob12:00

Insta Reels

Insta Reels is

An Instagram Reels competition is a social media event where participants create and share short videos on Instagram's Reels platform. The participants are typically given a specific theme or topic, and they must create a Reel that fits the theme or topic within a designated time frame.

The aim of this competition is to showcase participants' creativity, video production skills, and ability to engage with their audience. Participants can use various features of the Reels platform, such as music, filters, and effects, to make their videos more engaging and entertaining.

Instagram Reels competitions can be organized by individuals, brands, or organizations, and may include prizes or recognition for the best videos. Participants can also engage with each other by liking, commenting, and sharing each other's videos, creating a sense of community and connection.

Reels competitions provide an opportunity for individuals and brands to increase their visibility and engagement on social media. It allows them to connect with their audience in a fun and interactive way, while also showcasing their brand or personal identity.

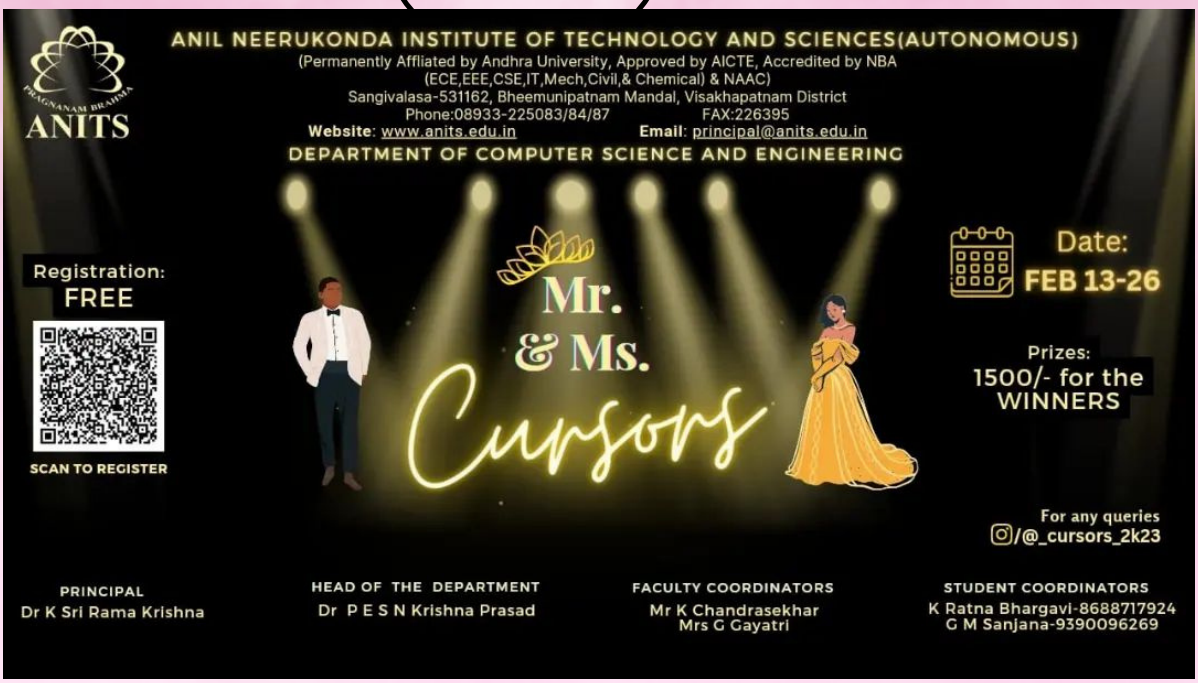
Heritage of india

Heritage od India is all about

This event comprises three activities. They are:
1. Showing a cropped picture and guessing the monument.
2. Guessing the dialect or language asked.
3. Famous lines told by famous people.
All these events are conducted orally.
Points would be awarded according to the correct answers.
The one with more number of points wins and will be rewarded with an amount of Rs.1000
The runner-up will be given Rs.500

Date : 02-03-2023
Time : 9:00 to 12:00

Mr. & Ms Cursors



"Mr. and Ms. Cursors" is a type of beauty pageant event that focuses on evaluating contestants based on their physical appearance, personality, talent, and intelligence. The event typically includes a series of rounds, such as a swimsuit competition, a talent showcase, and a question-and-answer segment.

The aim of the event is to crown a male and female winner who embody the qualities of perfection, beauty, and intelligence. The contestants are judged by a panel of judges based on various criteria, such as their physical attractiveness, their ability to engage with the audience, and their overall performance.

The "Mr. and Ms. Cursors" event is a popular competition that can be organized by Department of CSE. It provides a platform for participants to showcase their talent, personality, and confidence while also fostering a sense of community and healthy competition.

While some may criticize the event for placing too much emphasis on physical appearance, it can also be argued that it allows participants to celebrate their unique qualities and talents, regardless of their physical appearance. Overall, "Mr. and Ms. Cursors" is a fun and engaging event that celebrates individuality and self-expression.

Click & Show

Photography is an art of portraying a message in a picture and it could be a fragment of one's memory or could be a souvenir for a lifetime. Cursors 2023 team acknowledging the value of the art of photography has organized this event to award the best photo. The photos are posted in Instagram page(cursors_2k23) and basedon the likes the winners are decided.

Rules:

- No selfies(people) are accepted.
- Only one photo is accepted per registration.
- Photos downloaded from internet are not accepted, will be disqualified immediately

Along with photos some description of the photo is to be submitted.

instrumental

An instrumental event is a type of musical competition or showcase that focuses on instrumental performances, rather than vocal performances. The participants may be solo musicians, duos, or groups, and they are judged on their technical proficiency, musicality, and overall performance.

Instrumental events can be organized for various types of instruments, such as guitar, piano, violin, or drums. The events can range from local competitions to international festivals, and they may feature various styles of music, such as classical, jazz, or rock.

Participants in instrumental events must have a high level of technical proficiency on their instrument, as well as an understanding of musical theory and performance. They must be able to showcase their skills and demonstrate their ability to convey emotion and feeling through their performance.

Instrumental events provide a platform for musicians to showcase their talent and connect with other musicians and industry professionals. It is an opportunity to learn from and be inspired by other performers, and to receive feedback and recognition for their work.

Poetry

As part of the fest of our department - Cursors 2k23, we organized an online poetry competition for students across the campus. This event provided a platform to showcase their skill of expressing their thoughts and feelings through the medium of poetry. The competition was open to all students, and the entries were judged based on creativity, originality, flow, diction, and structure and can be written in English/Telugu languages.

We were overwhelmed by the response and enthusiasm of our participants. The participants submitted some truly heartfelt and intriguing works that showcased their love and passion for poetry.Very welly penned lines of rhyming,and with great depth .The judging panel consisted of experienced poets who carefully assessed each work and ofcourse felt hard to filter out the best two of the submissions.And the prize money Rs 1000 for the winner and Rs 500 for runner of the competition

We believe that such events are important for the cultural development of our campus and we plan to organize more similar events in the future. Through these competitions, we hope to foster an atmosphere of creativity and appreciation of the art form, allowing students to explore their talents and create meaningful works.

Overall, the online poetry competition in our department's fest - Cursors 2k23- was a great success. We were overwhelmed by the enthusiasm of our students and we look forward to organizing more of such events in the future.

Crafts Exhibition & Event

crafts are the way we show our creativity and heart of making things. these are way to express our views into the reality.

Firstly the registration form was created for the students participation and later the announcements were made around explaining the importance of the crafts and encouraning new talents in the crafts around 20 registrations were done.

Participants should make there crafts at home and bring it to the college the event date,time and venue were announced beforehand and submissions will be submitted later those will be kept for the display and final winners will be announce by the faculty co ordinator

X-Tempo

"Xtempo" is a type of competitive performance event where participants are given a topic or theme, and they must create a performance on the spot, using music and spoken word poetry. The participants are given a limited amount of time to prepare and perform, typically ranging from a few minutes to half an hour.

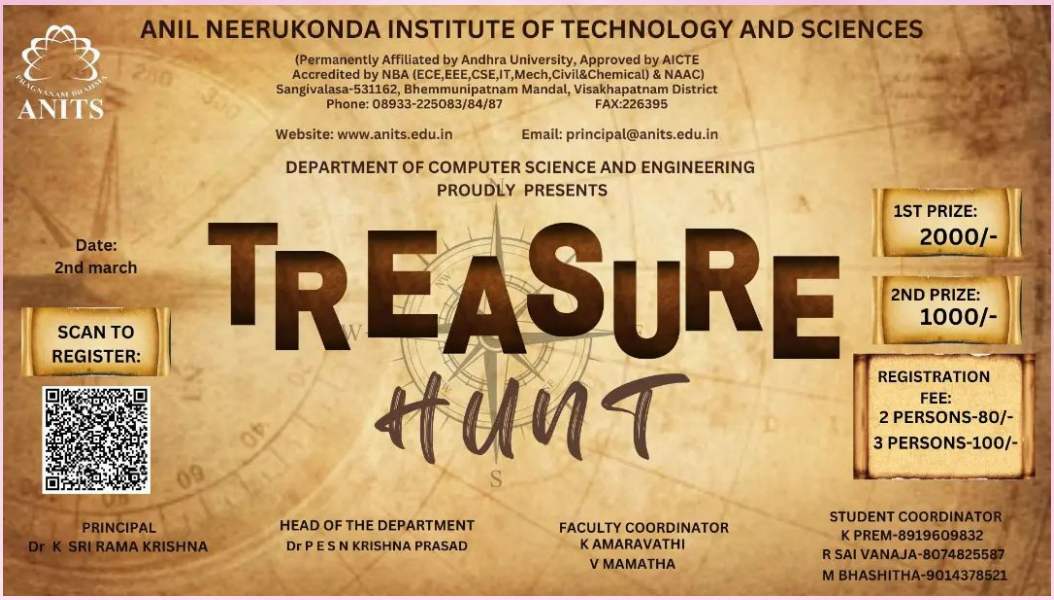
The aim of this event is to test participants' improvisational skills, creativity, and ability to think on their feet. The participants must be able to quickly come up with a concept or idea, write lyrics, and compose music that fits the theme or topic given.

Xtempo events often have judges who evaluate the performances based on various criteria, such as originality, coherence, and overall impact. The event may be organized as a competition, with participants competing against each other for prizes or recognition.

The event is popular in the Caribbean, particularly in Jamaica, where it originated in the 1980s as a form of competitive poetry and music. It has since evolved to include various genres of music, including reggae, dancehall, and hip hop.

Xtempo events provide a platform for participants to showcase their talent, creativity, and improvisational skills. It is a fun and engaging event for both participants and spectators, and it fosters a sense of community and cultural exchange.

Treasure Hunt

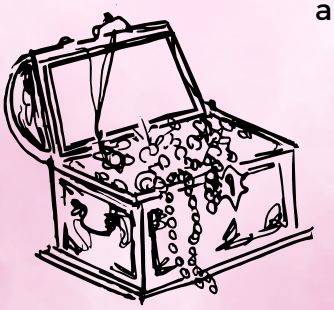


Treasure hunt - it's a non- technical event which allows all the student from different branches to participate

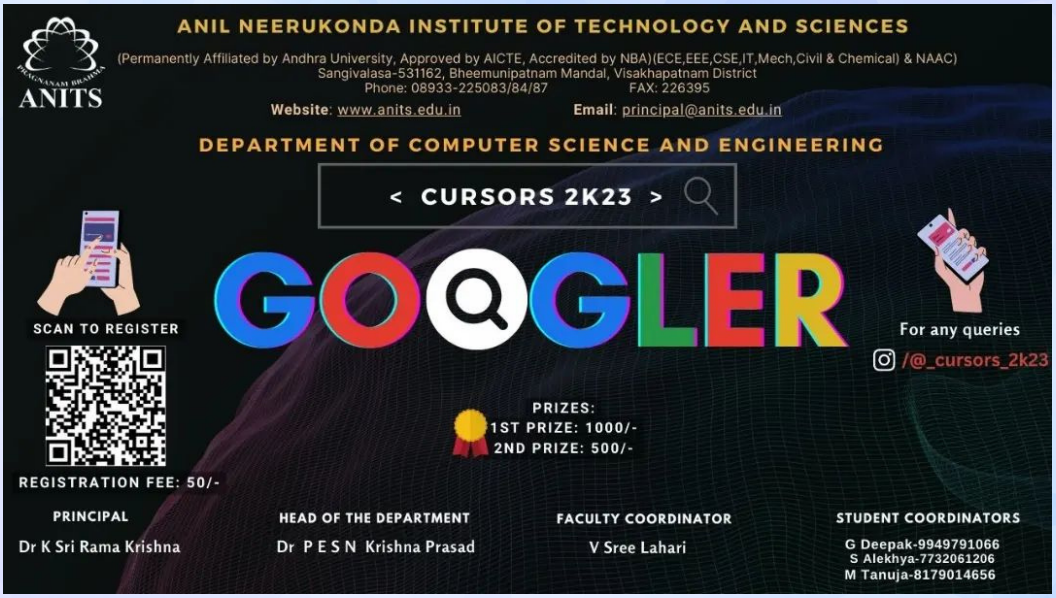
in the event. In this event students can participate in groups like a group contains 2 people or 3 people. The game is basically finding the correct place or value for the given clue and the clues are a trails which are connected to each other. There are about 80 teams participating in the event.

The final winners get the prize money which is 2000/- for the first person and 1000/- for the second person.
For this game the elimination of the teams will be based totally on them, its like how fast they understand and reach the next place and after few rounds around 6 and eliminations. There will be a small break and snacks are provided to the people.

The participants will not carry any phones even if they bring phones they will be collected.
Its a fun game to play with friends and it gets exciting after every clue



Googler



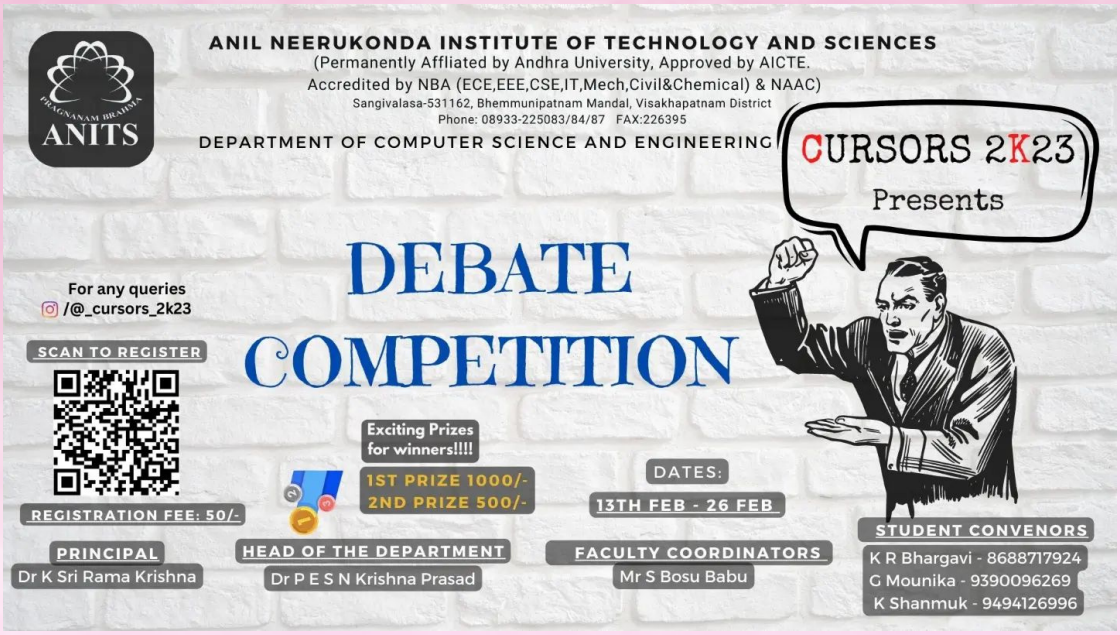
The event where participants are given 2 minutes to Google and speak about a given topic is called a "Googleathon" or a "Google search challenge." In this event, the host or moderator provides a topic or question, and participants have 2 minutes to use the search engine to find relevant information and then present their findings to the group.

The aim of this event is to improve participants' research skills, their ability to think on their feet, and their public speaking skills. Participants must quickly sift through search results, evaluate the credibility of the sources, and synthesize the information to present a concise and coherent response.

The topics for this event can vary widely, ranging from current events, history, science, technology, and pop culture. Participants must be knowledgeable about a broad range of subjects and be able to communicate their findings in a clear and engaging manner.

The Googleathon event can be a fun and challenging way to test participants' research and communication skills and provide an opportunity for them to learn and discover new information.

Debate competition



A debate competition is an event where participants engage in a formal discussion on a specific topic, presenting their arguments and counter-arguments. These events are usually held in schools, universities, or public forums, and are often organized as part of extracurricular activities.

The competition is judged based on various criteria such as the strength of arguments presented, the persuasiveness of the participants, and their ability to engage in respectful discourse. Debating competitions help develop critical thinking, research, and communication skills in participants.

Debate competitions often have a structured format with defined rules and time limits, and participants must adhere to them. The topics can range from social issues, politics, to current affairs, and participants must be well-versed in the subject matter. These competitions provide a platform for participants to express their opinions, exchange ideas, and enhance their skills.

FineArts

We conducted the event in 3 categories painting, sketching and digital art. The participants were required to submit the soft copies and hardcopies of their artworks...

we received a collection of vibrant and beautiful arts made by our young artists..these arts were judged based on skill, time spent, presentation, meaning and their overall look, and each category had a winner.

Must say this event brought out many artists hidden within us cse students and encouraged them to keep making beautiful art in their future.

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