What does Aavishkar 2024 look like?

Aavishkar 2024
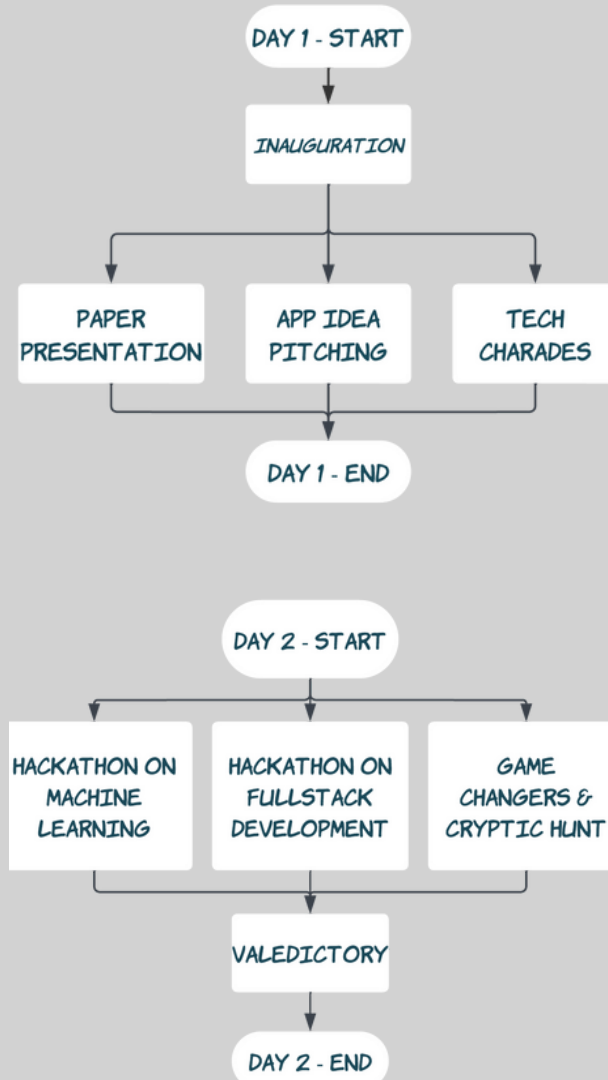### -Discover the Inner You
To Be Held On
22nd & 23rd March, 2024

Why Attend Aavishkar 2024 ?

Aavishkar is a dynamic two-day National Level Student Convention organized by the CSI Student Branch of G. Pulla Reddy Engineering College, under the Department of Computer Science & Engineering and the Department of Emerging Technologies in Computer Science. With a focus on cutting-edge technology and creativity, Aavishkar serves as a platform for students and tech enthusiasts to explore, learn, and showcase their talents in various domains, including AI, ML, design thinking, and many more. It's an opportunity to engage with the latest trends in the tech world, collaborate with like-minded peers, and start on a journey of discovery and innovation.

DAY 1 - START
↓
INAUGURATION
↓
- PAPER PRESENTATION
- APP IDEA PITCHING
- TECH CHARADES
↓
DAY 1 - END

DAY 2 - START
↓
- HACKATHON ON MACHINE LEARNING
- HACKATHON ON FULLSTACK DEVELOPMENT
- GAME CHANGERS & CRYPTIC HUNT
↓
VALEDICTORY
↓
DAY 2 - END

Ruby Jubilee 40 Gprec 1985-2025 legacy continues....

COMPUTER SOCIETY OF INDIA
ESTD. 1965

Paper Presentation

Prepare to embark on a journey into the world of cutting-edge research and innovation at Aavishkar 2024's Paper Presentation. In this intellectually stimulating event, we invite students to showcase their innovative ideas, ground-breaking discoveries, and insightful studies in the fields of computer science, emerging technologies, and beyond.

Aavishkar 2024's Paper Presentation is your chance to showcase groundbreaking ideas and visionary research in the dynamic realms of technology:

- Generative AI
- Blockchain
- Quantum Computing
- Computer Vision

Submit your abstract on or before March 10, 2024. Our panel of experts will carefully review and shortlist the most promising abstracts. Only those selected will have the opportunity to present their findings before a distinguished panel of judges.

On the day of the event, our panel of experts evaluates submissions based on technical depth, originality, clarity, and presentation quality.

Rules & Regulations:

- Each team must consist of exactly two members.
- Teams must submit their abstracts before the specified deadline.
- Submissions should be original work.
- Shortlisted teams will be notified in advance and invited to present on the event day.
- Presentations should adhere to the specified time limits - 10 minutes.
- Papers should follow the IEEE paper format.
- Accommodation will be provided to paper presentation participants.

Rules & Regulations:

- Each team must consist of exactly two members.
- Teams must submit abstract ideas for their apps, clearly outlining how their solutions align with one or more of the United Nations' 17 SDGs.
- Abstract submissions should be original.
- Teams must submit their abstracts before the specified deadline.
- Shortlisted teams will be notified in advance and invited to pitch their ideas on the event day.
- Each team will have a specified time limit - 10mins to present their app idea.

App Idea Pitching

Aavishkar 2024's App Idea Pitching segment invites visionary minds to harness the power of technology and innovation in addressing the United Nations' 17 Sustainable Development Goals (SDGs). These goals are the blueprint for a better and more sustainable future for all.

Teams of three will collaborate to craft innovative app ideas that directly contribute to achieving one or more of the SDGs. This collaborative effort emphasizes the importance of multidisciplinary thinking in solving complex global challenges.

Participants should submit abstract ideas for their apps by March 10, 2024, outlining how their proposed solutions align with the SDGs. Shortlisted teams will have the opportunity to pitch their ideas before a distinguished panel of judges.

Take advantage of the chance to share your app's concepts and solutions that may positively influence society and advance the SDGs.

Tech Charades

Get ready for a thrilling and brain-teasing game of Tech Charades at Aavishkar 2024! In this exciting team-based activity, participants will put their tech knowledge, communication skills, and acting talents to the test.

Teams of two will collaborate as they step into the shoes of both guessers and actors. One of the two members will be tasked with deciphering technology-related words or phrases, while the other member will use their creative acting skills to convey the word.

Each team will have two rounds of Tech Charades, where they will be presented with two different technology-related words or phrases to guess. The clock is ticking, so you'll need to think fast and act even quicker!

Can you convey "JavaScript" or "Artificial Intelligence" without using words or gestures? Challenge your team's creativity, acting prowess, and communication skills as you race against the clock.

Rules & Regulations:

- Each team must consist of exactly two members.
- The event organizers will select a set of technology-related words or phrases for the game.
- Each team will have two rounds to play Tech Charades.
- Teams will have a specified time limit of 60sec to guess the word or phrase.
- Teams must convey the word without using spoken words or written text.
- The acting member can use body movements, facial expressions, and acting to convey the word.
- Teams will earn points for each word or phrase guessed correctly within the time limit.
- Teams will also receive points for their creativity and acting skills.
- The team with the highest score wins the Tech Charades competition.

Guidelines:

- Register for any one event in advance following the provided instructions.
- Registration ends at 10th March, 2024..
- Any team registering more than one event per day shall be disqualified.
- Arrive at the event venue on time to avoid missing any sessions or activities.
- Respect the schedule to minimize disruptions.
- Carry a valid identification card or badge as required for entry.
- Treat fellow attendees, organizers, speakers, and staff with respect and courtesy.
- Plagiarism in any form is strictly prohibited.
- All presentations should be the original work of the participants.
- Any person found to have plagiarised will be disqualified immediately.
- Judges have the final say in all regard and are not to be questioned.
- Presenters should dress professionally.
- Engage in discussions and debates in a polite and respectful manner.
- Take advantage of networking opportunities to connect with peers, speakers, and industry professionals.
- Certificates of participation will be provided to all participating teams.

Hackathon on Machine Learning

Get ready for a showcase of exceptional talent in the world of machine learning at "Hackathon on Machine Learning." This hackathon is not just a competition; it's a stage where innovation, creativity, and technical prowess take the spotlight.

Form teams of three and embark on a thrilling 5-hour challenge where you'll demonstrate your machine-learning skills and problem-solving abilities. Show the world what your team can achieve when equipped with data, algorithms, and imagination.

Just like a talent show, "Hackathon on Machine Learning" is your chance to impress the judges (and the audience) with your AI-powered performances. Whether it's developing innovative models, solving real-world problems, or creating ML-driven applications, this is your opportunity to shine.

The stage is set, the data is waiting, and the judges are eager to be amazed. It's time to let your machine learning talents shine.

Rules & Regulations:

- Each team must consist of exactly three members.
- A problem statement and a dataset will be provided at the beginning of the hackathon.
- Teams are free to use any machine learning libraries of their choice.
- All solutions developed during the hackathon must be original and created from scratch during the event.
- Sharing code or ideas with other teams is prohibited.
- Each team will have a limited time to present their solution to the judges.

Rules & Regulations:

- Each team must consist of exactly three members.
- Problem statements will be provided on the event day.
- Teams are free to choose their preferred technology.
- The application must be original and created from scratch during the event.
- Sharing code or ideas with other teams is prohibited.
- Participants must submit a working model by the end of the hackathon.

Hackathon on Full Stack Development

"Hackathon on Full Stack Development" is the ultimate Hackathon, where teams of talented developers, designers, and innovators come together to take on real-world challenges in a fast-paced, creative environment.

In this competition, the rules are simple: your team will receive a problem statement on the event day, and your mission is to design, develop, and deploy a complete web application that addresses the challenge. It's a test of your entire stack development skills, your ability to work collaboratively, and your knack for creating user-friendly and impactful applications.

Whether you're a coding virtuoso, a design wizard, or a jack-of-all-trades, "Hackathon on Full Stack Development" is your chance to shine.

Are you ready to stack the odds in your favor and showcase your team's talent in the "Hackathon on Full Stack Development"?

Game Changers:
Where Data Games Meet Design Thinking

The "Game Changers" workshop, a unique and transformative experience that explores the dynamic interplay between design thinking, data games, and strategic thinking. This workshop is designed to inspire innovation, foster problem-solving skills, and ignite creativity.

The workshop kicks off with an immersive design-thinking session. Participants will learn the core principles of design thinking. Through interactive exercises and guided discussions, attendees will explore how design thinking can drive innovation and enhance problem-solving.

Next, participants will engage in a strategic board game known as Hexapawn. This game challenges teams to think critically, make tactical decisions, and strategize to win.

Next participants will delve into the world of data games. The data games challenge participants to leverage their analytical skills, make data-driven decisions, and solve practical problems.

Key Takeaways:

- Gain practical insights into design thinking, and data analysis.
- Understand the applications of these skills in real-world scenarios.
- Discover how design thinking and strategic games complement data-driven approaches.
- This workshop is open to individuals interested in exploring design thinking and data analysis. No prior experience in design thinking or data analysis is required.

Rules & Regulations:

- Each team can consist of 6 to 10 members. No more, no less.
- Teams will be provided with a set of cryptic clues, puzzles, and riddles at the beginning of the event.
- The Cryptic Hunt will have a specified time frame for completion.
- Teams must work together to solve the provided clues and riddles.
- Clues may require a combination of logic, creativity, and observation.
- Teams must physically navigate to the locations indicated by the clues.
- Any misconduct or violation of rules may result in disqualification.
- The team that completes it in the shortest time will be declared the winner.

Cryptic Hunt

At the Cryptic Hunt, be ready to set off on a fascinating adventure filled with cryptic puzzles! This event is designed to test your problem-solving skills, teamwork, and ability to decipher clues and riddles.

On the day of the event, participants will gather, and teams of 6 to 10 members will be randomly formed. This adds an element of surprise and excitement as you get to collaborate with new teammates.

Cryptic Hunt is not just a race against time; it's a quest for the cleverest minds. As you decode messages, piece together clues, and navigate through challenges, you'll need to think outside the box and collaborate effectively to emerge victorious.

With each cryptic challenge you conquer, you'll inch closer to the ultimate prize and earn well-deserved bragging rights as the Cryptic Hunt champions. So, are you up for the challenge? Sharpen your minds and join us for an unforgettable adventure!

Registration:

Registration for Aavishkar 2024 is now open, and we're excited to welcome you to our two-day event! To streamline your registration process, we have separate registration links for each day.

Day 1 Registration Link:
https://forms.gle/7ZgUmECr91V7qADf6

Day 1 Registration: You have the opportunity to choose from a selection of engaging activities on Day 1. You can register for either the thought-provoking Paper Presentation, where you'll delve into the realms of Generative AI, Blockchain, Quantum Computing, and Computer Vision; or you can opt for the creative challenge of the App Idea Pitch, where your team of two can propose innovative solutions aligned with the United Nations' 17 Sustainable Development Goals. If you're in the mood for some tech-inspired fun, don't miss out on Tech Charades, a game of wits and wordplay.

Follow us on

Link Tree -
https://linktr.ee/aavishkar.cse

Day 2 Registration Link:
https://forms.gle/m1RxCLKpMZ61qF3J7

Day 2 Registration: On Day 2, the excitement continues with a diverse range of options. You can register for the Hackathon on Machine Learning, where teams of three will showcase their machine-learning prowess. Alternatively, if full-stack development is your forte, dive into the Hackathon on Full Stack Development, where teams will tackle real-time problem statements. For those who want to explore the fusion of design thinking and data games, there's Game Changers. And finally, round off your experience with the adventurous Cryptic Hunt, a treasure hunt filled with cryptographic challenges.

Select your preferred activities and register using the provided links to secure your spot at Aavishkar 2024. We can't wait to see you there for two days of innovation, learning, and fun!

Twitter -
https://twitter.com/aavishkar_GPREC

Awards:

Aavishkar 2024 values the dedication and talent of its participants. To honor the outstanding achievements of the winners and runners-up in all competitions, we will present them with prestigious mementos as a symbol of their excellence.

We believe that every participant contributes to the success of the event. Therefore, every individual who takes part in our competitions and activities will receive a certificate of participation.

Contact Information:

CONVENOR: Dr K Ishthaq Ahamed
Associate Professor, Dept of CSE,
CO-CONVENOR: Smt. O Roopa Devi
Assistant Professor, Dept of ECS,
G. Pulla Reddy Engineering College
EMAIL: aavishkar.cse@gprec.ac.in
MOBILE: +91 9866776244, 9398150231

Instagram -
https://www.instagram.com/
aavishkar.gprec/