INTER - COLLEGIATE FEST

Event Brochure

SMVITM

VARNOTHSAVA 2K23

27th & 28th December 2023

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi)
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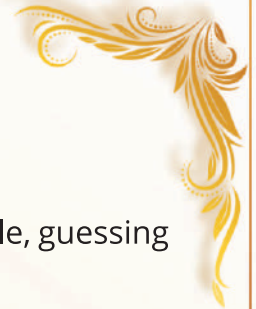**SMVITM**

Technical Events

ElectroWiz

About

An electronic challenge with total three rounds. Aptitude, finding error in circuit and finally rigging up the circuit.

Rules & Regulations

- This is a team event with each team consisting of only 2 members.

- All the teammates are required to be present for further rounds.

- Use of the internet or any kind of external reading materials/textbooks will be strictly prohibited.

- College ID is compulsory.

- Participants are expected to abide by the basic ethical norms and requirements of the event.

WattQuest

About

Teams compete in a multi round electronics challenge, solving a crossword puzzle, guessing electronics related clues and designing circuits.

Rules & Regulations

- This is a team event with each team consisting of only 2 members.

- All the teammates are required to be present for further rounds.

- Use of the internet or any kind of external reading materials/textbooks will be strictly prohibited.

- College ID is compulsory.

- Participants are expected to abide by the basic ethical norms and requirements of the event.
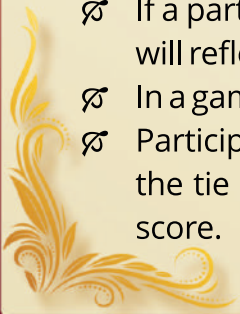
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Code Troopers Code Rush

About

Accelerate coding Odyssey ; Ignite Algorithms, Conquer Challenges and Redefine Excellence!!

Rules & Regulations

- Type: Solo
- This is a single round event where the participant has to solve three questions in two hours.
- The participants have to be present near the venue 5 minutes prior to the start of the event.
- Participants have to login to the contest platform with the registered email id.
- Participants can bring their own laptop or participate using the computer system provided.
- Each challenge has a predetermined score.
- A participant's score depends on the number of test cases a participant's code submission successfully passes.
- If a participant submits more than one solution per challenge, then the participant's score will reflect the highest score achieved.
- In a game challenge, the participant's score will reflect the last code submission.
- Participants are ranked by score. If two or more participants achieve the same score, then the tie is broken by the total time taken to submit the last solution resulting in a higher score.

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BugBane Brawl

About

BugBane Brawl is an offline debugging event (software) consisting of two rounds. with the second round being accessible only to participants who successfully pass the first round.

Rules & Regulations

- Type: Solo
- Each round comprises 5 questions related to debugging and coding challenges.
- Participants are required to arrive at the contest venue at least 15 minutes before the scheduled start time.
- All participants will use the same coding environment provided by the organizers.
- Each question is assigned a predetermined score.
- If a participant submits more than one solution for a question, their score for that question will be based on their highest achieved score.
- Each round will have a predetermined time limit, and participants must complete questions within the given time.
- The use of online tools or resources for assistance during the contest is strictly prohibited. Participants must rely solely on their own skills and the provided coding environment. Violations may result in disqualification.

TechnoQuiz

About

Unleash Tech Wizards in Five rounds of Knowledge Convergence!

Rules & Regulations

- This is an event with 5 rounds and elimination in between.

- A breach of fair play will lead to immediate disqualification.

- Each team consists of 2 members.

- One member must bring their smart phone.

- Points will be assigned to each question or round. The team with the most points at the end wins.

- The phone-carrying member can only use their phone when a round specifically allows it.

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Robo Soccer

About

A manually controlled robot, by means of a tethered or wireless interface, must tackle the opponent bot to shove the ball into the opponent's goalpost.

1. Game play:

- ✓ Each match will be of knockout type, where the winning team progresses to the next round.
- ✓ Each match shall be of 5 minutes, where each round will be of 2 minutes each and a technical timeout of 1 minute in between the 2 rounds.
- ✓ Additional timeout of 1 minute shall be provided on the team's request without deduction of points. If the timeout is to be extended, a **deduction of 1 point per minute** shall be in force.
- ✓ A **maximum** timeout of **1+3 minutes** is allowed, beyond which the team is bound to be disqualified.
- ✓ The ball will be reset after a goal is scored. Each goal carries one point.
- ✓ A robot can push or hit the ball, but not withhold/ grab the ball.
- ✓ Any impairment to the opponent's bot ON PURPOSE, will lead to **immediate disqualification,** on receival of objection.
- ✓ In case of a lack of motion from both the bots for 10s, the bots will be reset. Toppled bots can be reset AFTER the indication by the referee. The nature of reset shall be determined by the referee. A breach of fair play will lead to immediate disqualification.
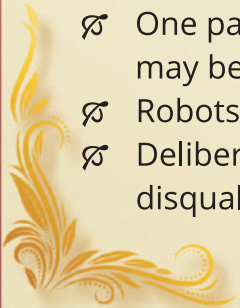
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2. Robot specifications:

- ✓ The robot must be within 30cmx30cmx30cm dimensions (+ 3cm tolerance).
- ✓ Bot must weigh within 5kg (+500gm tolerance).
- ✓ Bot can only be electrically powered. Use of I.C.E. is prohibited.
- ✓ The voltage between any 2 points on the bot must not exceed 12V DC.
- ✓ The robot can be wired/wireless.
- ✓ Arms can be provided in a static condition only.
- ✓ Any parts with intent of damage to opponents will lead to disqualification.
- ✓ Wires must not restrict the motion to the corners of the arena.

Rules & Regulations

- ⊘ Only pre-registration is accepted. Spot registration is not allowed.
- ⊘ A team must consist of at least 2 and at most 4 members.
- ⊘ One participant can operate only 1 bot throughout the tournament. Team members may be exchanged, without violating the above rule.
- ⊘ Robots may not be exchanged between teams.
- ⊘ Deliberate interference in the opponent's wireless interface will lead to disqualification.

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- Accidental interference in radio signals will not pertain to the organizers.
- Human interference is not allowed during the duration of the game, without the referee's consent. Any timeout will be officiated on the referee's command.
- Timeout will be provided to untangle & rectify the bot.
- Robots must remain intact until results are announced.
- Referee's judgment is considered to be final and binding.
- Scrutiny will be conducted at the beginning of the tournament. Additional scrutiny will be conducted at the referee's discretion.
- Arena dimensions: 6'x4'
- Entry fees of Rs. 300 is to be paid for each bot.

VALORANT

About

A 5v5 character-based tactical shooter game. Attack and defend sites using sharp gunplay and abilities.

Rules & Regulations

- A team of 5 members must be required and an optional substitute of one person can be used.
- No changing the players in the middle of the game.
- Knock out bracket (with best of one map).
- Any Team which uses any kind of cheating or breaking the integrity of the game determined by the hosts can be disqualified.
- Participants must bring their own laptops and required peripherals.
- Internet connection will be provided.
- The final decisions made by the organizers will be final.
- Reporting time - 9:45 am.
- Registration fee of Rs. 300 per team.

Line Follower

About

A competition played by an automated wireless bot which is capable of racing on the given track in the shortest period of time.

Rules & Regulations

- The competition will consist of 2 rounds.
- The first round will be a knockout round, where the qualified bots will reach round 2.
- The second round will be the final judgment round where the fastest finisher wins the tournament.
- Each round will have different maps (round 2 with a more complex map than that of round 1)
- The maps will be disclosed on the day of the event.
- All the rounds will have black line/trajectory on white arena(2cm-3cm)
- The bot dimension is 20x20cm.
- The team should contain 2-4 members.
- A robot cannot be used by more than one team.
- The robot must be prepared by the students and cannot be a readymade kit.

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- Once a robot has crossed the start line it must remain fully autonomous, else the team will be disqualified.
- Participants should arrange their own batteries, and power supply must be on board.
- The robot must remain intact until results are announced.
- The referee's judgment is considered final and binding.
- Scrutiny will be conducted at the beginning of the tournament. Additional scrutiny will be conducted at the referee's discretion.
- Registration fee of Rs 300 per team.

TECH-JAM

About

JAM (Just A Minute) competition, infused with a technical flair, where participants blend their creative improvisational skills with technical prowess to deliver a unique and engaging performance.

The competition will feature four designated themes.

- ➢ IOT (Internet of Things)
- ➢ AI (Artificial Intelligence)
- ➢ Renewable energy
- ➢ India's achievement in space exploration

Rules & Regulations

- ∅ The participants need to be present at the venue 10 minutes before the commencement of the event
- ∅ Participants can neither change the theme nor the topic after picking a topic
- ∅ The participants will be given 5 minutes preparation time after receiving their topics
- ∅ Participants are prohibited from reading off a paper or any digital device
- ∅ The language to be used during delivery is English

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Wright Brothers (Plane Competition)

About

Build a plane of any material, selection will be on the basis of aesthetics, build quality and distance of flight.

Rules & Regulations

- The competition will be divided into 2 rounds. The first round will be static inspection, where the planes will be judged on the basis of aesthetics, design innovation & quality of build. The second round will be a flight test in an open ground, where the time of flight will be awarded points.
- Each criteria will have different points weightage, and will add up to the final tally. The team with the highest points will be the winner.
- The planes must not be equipped with any propelling mechanisms (motors, engines etc.), or directional control. Each plane must be hand launched by any one team member.
- The **weight limit** for each aircraft is **500g**. There will be no dimensional limits, or design limitations.
- The plane must be built at the venue, with the materials the participants bring.
- The plane must not be tethered by any means.

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- Each team consists of 2 members.

- Each team can prepare only one plane which is exclusive to the same team.

- The team must consist of students of the same college (with valid ID cards).

- No plastic kit planes or ready made planes allowed.

- Blueprints can be prepared beforehand, and referred to while building.

- The plane must be kept intact until the results are announced.

- If a plane breaks during flight, the plane will be disqualified from the flight round ONLY.

- 1 Hr. time will be provided to prepare the plane.

Cultural Events

Sur Ninad
(Solo Singing classical)

- Type: Solo

- Duration: 4+1 min

- Accompanying instruments are allowed. (Maximum 2 accompanists)

- Karaoke must be submitted to the student co-ordinators a day prior to the competition.

- Classical film songs are allowed.

- Should report 15 minutes prior to the event.

- The decision of the judges will be final and binding.

Mile Sur Mera Thumhara
(Group Singing Filmy)

- Type: Group (Maximum 6 members)

- Duration: 5+1 min

- Accompanying instruments are allowed. (Maximum 2 accompanists)

- Karaoke must be submitted to the student co-ordinators a day prior to the competition.

- Should report 15 minutes prior to the event.

- The decision of the judges will be final and binding.

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Thaka Dhimi Tha
(Solo classical Dance)

- ✍ Type: Solo

- ✍ Duration: 4+2 min

- ✍ Recorded music is allowed. If any, the tracks must be submitted to the student co-ordinators a day prior to the competition.

- ✍ Any Indian pure classical dance form may be performed.

- ✍ Classical songs from films may be used.

- ✍ Props may be used.

- ✍ Water, color, gas and fire should not be used.

- ✍ Should report 15 minutes prior to the event.

- ✍ The decision of the judges will be final and binding.

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Groove Gala
(Group Dance)

- Type: Group (Minimum 5 Maximum 10 members)

- Duration: 6+2 min

- Recorded music is allowed. If any, the tracks must be submitted to the student co-ordinators a day prior to the competition.

- Any language songs can be used.

- Any dance forms can be performed. (non classical dance form)

- Props may be used.

- Obscene dressing, presentation and vulgarity are not allowed.

- Water, color, gas and fire should not be used.

- Should report 15 min prior to the event.

- The decision of the judges will be final and binding.

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Speech of Smiles
(Stand Up Comedy)

- Type: Solo

- Duration: 4+1 minutes

- Participants will be judged on the basis of content, fluency, spontaneity, presentation, and sense of humor.

- Negative marking for exceeding the time limit.

- Highest weightage would be placed on originality and delivery of content.

- No inappropriate comments should be made that could hurt a community's sentiments pertaining to their religious beliefs, race, sex, culture, or heritage during the gig.

- Props are permitted for performers, provided they align with their routine, are safe, non-disruptive to the venue, and approved by event organizers beforehand.

- Should report 15 minutes prior to the event.

- The decision of the judges will be final and binding.

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Silent Symphony
(Mime)

- Type: Group (Minimum 4 Maximum 10 members)

- Duration: 4+2 min

- Recorded music is allowed. If any, the tracks must be submitted to the student co-ordinators a day prior to the competition.

- Participant should not convey wrong information to the audience.

- Should report 15 minutes prior to the event.

- The decision of the judges will be final and binding.

Who Am I
(Face Painting)

- Type: Solo

- Duration: 01:15 hours

- No assistants to the competitor are allowed during the competition. (only 2 people-one is the competitor and the other one is the person on whose face painting will be done)

- Participants can use only FDA-approved, skin-safe face paints and brushes .

- Should report 15 minutes prior to the event.

- The decision of the judges will be final and binding.

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Bannada Prapancha
(Rangoli)

- ✗ Type: Group of 2 members

- ✗ Duration: 2 hours

- ✗ Maximum size: 4ft by 4ft

- ✗ Rangoli to be drawn using dots only. (No free hand rangoli)

- ✗ Rangoli should be made using rangoli colors only.

- ✗ The participants are not allowed to refer to any printed materials, phones etc during the contest.

- ✗ No use of stencils or sketches.

- ✗ Should report 15 minutes prior to the event.

- ✗ The decision of the judges will be final and binding.

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Nature's Palette
(Flower Arrangement & Vegetable Carving)

- Type: Group of 3 members
- Duration: 2 hours
- Use of only fresh and natural flowers are allowed.
- Use of pin holders and floral foam is allowed.
- No scraping or carving of vegetables is allowed before the start of the event. Carving will be done only during the time assigned.
- All categories of vegetables and fruits can be used.
- Connections with toothpicks, skewers, etc. should not be visible.
- Participants should bring their own carving tools and a cutting board.
- Use of artificial colors is not allowed.
- Minimum 2 sculptures have to be prepared for vegetable carving.
  The participants are not allowed to refer to any printed material, phones etc during the contest.
- Should report 15 minutes prior to the event.
- The decision of the judges will be final and binding.

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Hasthakala
(Mehendi)

- Type: Solo

- Duration: 1.30 hour

- Theme: Bridal Mehendi (Indian).

- Participants have to apply mehndi on palmer and dorsal side of the hand (only one hand is sufficient).

- Normal mehendi cone should be used.

- Use of glitters, other colors, stencils, printed materials, phones are not allowed.

- Should report 15 minutes prior to the event.

- The decision of the judges will be final and binding.

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Melody Chain
(Antakshari)

- Type: Group of 2 members
- Both sandalwood and Bollywood film songs are included.
- The preliminary round will be conducted in the morning.
- Selected teams will only contest for the final round.
- Should report 15 minutes prior to the event.
- The decision of the judges will be final and binding.

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Drishyakala
(Videography)

- Type: Group of 2 members
- Duration: one and half days
- Theme: Varnothsava event
- Length of video clips should be 90 seconds.
- Video Aspect Ratio: 9:16 (vertical)
- Watermark should not be applied to videos.
- Video must be submitted on the 2nd day before 12.00 Noon to the student coordinator.
- Should report 15 minutes prior to the event.
- The decision of the judges will be final and binding.

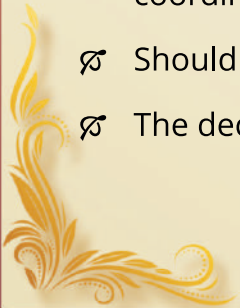SMVITM

Focus to Prize
(Photography)

- ✗ Type: Solo

- ✗ Duration: one and half days

- ✗ Theme: Varnothsava event

- ✗ The participant shall bring their own camera.

- ✗ The memory card shall be formatted by the coordinators before the contest.

- ✗ No photos using mobile phones are allowed.

- ✗ No editing of photos is allowed. Watermark should not be applied to photos. Best 2 jpg photos must be submitted on the 2nd day before 12.00 Noon to the student coordinator.

- ✗ Should report 15 minutes prior to the event.

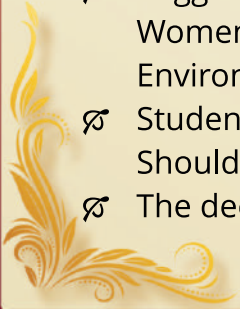- ✗ The decision of the judges will be final and binding.

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KalaSangama
(Variety Act)

- Type: Group (Minimum 6 and Maximum 15 members)
- Duration:15min +2min(preparation)
- The show should include a variety of performances like singing, dancing, skit, drawing on the spot, etc.
- MC carries additional points.
- Obscene dressing, presentation, and vulgarity are not allowed.
- Props and recorded music are allowed.
- Water, color, gas, and fire should not be used.
- Participants should not convey wrong information to the audience.
- The act should not be against any individual/community.
- Stage setting should be done in 2 minute preparation time.
- Suggested Theme ideas: Save Girl Child, Unity in Diversity, School to College Journey, Women Empowerment, Peer Pressure to Students in college Life, Child Labour, Save Environment, Mobile Addiction, Say No to drugs and Tobacco.
- Students can pick from any of the theme given above or can choose their own theme. Should report 15 minutes prior to the event.
- The decision of the judges will be final and binding.

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Go Grey
(Pencil Sketch)

- Type: Solo

- Theme for the contest will be revealed on the spot 15 minutes prior to the event Time Limit: 01.15 hours.

- Only A3 drawing sheet will be given.

- The sketch should be done using gradation pencils. (HB, 2B, 3B, etc)

- Should report 15 minutes prior to the event.

- The decision of the judges will be final and binding.

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Expression Speaks
(Pick and Act)

- ☒ Type: Solo

- ☒ Duration: 1+2 minutes

- ☒ Contestants should act out what's on their slip without speaking.

- ☒ Should report 15 minutes prior to the event.

- ☒ The decision of the judges will be final and binding.

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