SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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

Vishwothama Nagar, Bantakal - 574 115, Udupi District. Karnataka, India
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VARNOTHSAVA-19

An Intercollegiate Techno - Cultural Fest
7th & 8th March 2019

Information Book

FACULTY COORDINATORS:

Mr. Ananthesh Rao K
Mobile: 9164828762

Mrs. Renita Sharon Monis
Mobile: 9900581417

STUDENT COORDINATORS:

Mr. Ranjan Bhat
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officialsmvitm

smvitm.sode

About our College.......

Shri Madhwa Vadiraja Institute of technology and Management (SMVITM) is the brainchild of His Holiness Shri Vishwavallabha Theertha Swamiji of Shri Sode Vadiraja Matha which was established with the objective of providing quality technical education at affordable costs to the needy & deserving students. Campus is located in the place called Bantakal, Udupi a small town on the western coastal belt in Karnataka. Started with the student strength of 76 in the year 2010, today this institute provides engineering education to more than 1400 students across four branches of engineering – Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering and Mechanical Engineering.

About Varnothsava.......

"Varnothsava" is an annual intercollegiate techno-cultural fest conducted by SMVITM since 2014. The event focuses on organizing good quality events in both technical and cultural platform.

The sixth edition of the event "Varnothsava – 19" is being organized on 7 and 8 March 2019. With an intent of organizing the fest with a definite theme every year, this year the event is being organized with a theme to depict the Tuluva Heritage.

Tuluva heritage is one of the oldest heritages of India. Tuluva tradition is very rich in values and rituals. Tulu language is one of the five Dravidian languages of South India (others are Tamil, Telugu, Kannada and Malayalam). About 2.5 million people speak tulu. Tulu language with its near extinct script has been generated enthusiasm amongst the linguists.

This year SMVITM is providing a wide opportunity for Technical and Cultural extravaganza through Varnothsava-19. In this Varnothsava, we have planned to include Tulu traditional programs in order to showcase the tulu tradition, history and culture.

Event Rules – Cultural Events

Bale Nalipuga

–Eastern Group Dance

Date: 07.03.2019   Time: 12:30 – 2:00 PM   Venue: Main Stage
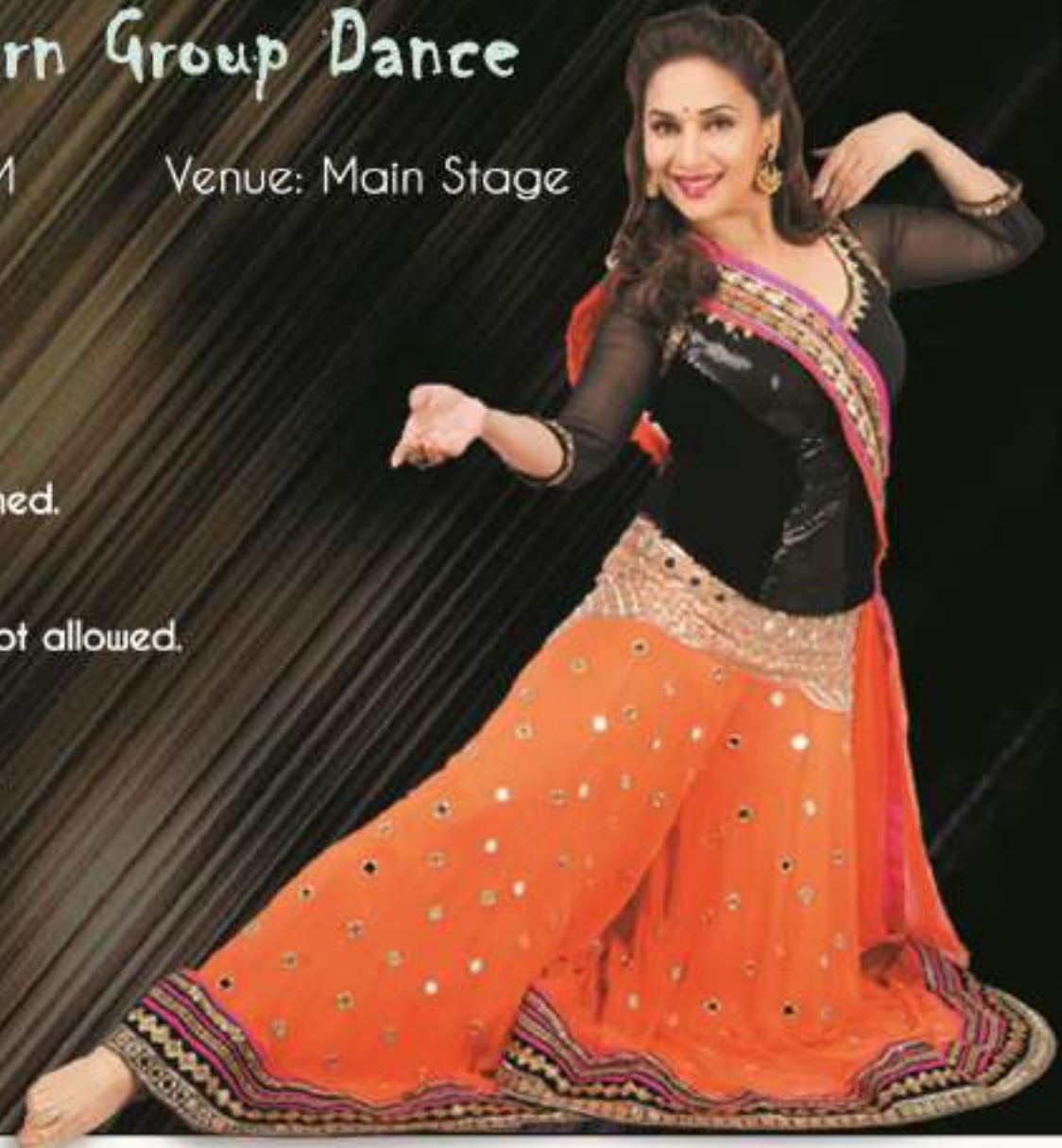
- Type: Group (Minimum 3 Maximum 10 members).
- Duration: 4+2 min.
- Recorded music is allowed.
- Any Indian non classical dance form may be performed.
- Props may be used.
- Obscene dressing, presentation and vulgarity are not allowed.
- Water, color, gas and fire should not be used.
- Participants should not convey wrong information to the audience.

Staff In Charge: Mrs Tejaswini

Student Coordinator: Shaguftha Sheikh
Mob: 96119 98272

Event Rules – Cultural Events

Pashchimaatya

–Western Group Dance

Date: 08.03.2019   Time: 11:30 – 12:30 PM   Venue: Main Stage

- Type: Group (Minimum 3 Maximum 10 members).
- Duration: 4+2 min.
- Recorded music is allowed.
- Any Non-Indian dance form may be performed (Jazz, Salsa, Tap, hip hop, contemporary etc).
- Props may be used.
- Obscene dressing, presentation and vulgarity are not allowed.
- Water, color, gas and fire should not be used.
- Participants should not convey wrong information to the audience.

Staff In Charge: Mrs Rukmini Ballal

Student Coordinator: Jayapradha Bekal
Mob: 76248 41131

Event Rules - Cultural Events

Tha ka dhi mi tha
-Classical solo dance

Date: 07.03.2019   Time: 11:00 - 12:30 PM   Venue: Main Stage

- Type: Solo
- Duration: 3+2 min
- Recorded music is allowed
- Any Indian pure classical dance form may be performed.
- Classical song from films may be used.

Staff In Charge: Mrs Tejaswini

Student Coordinator: Pragathi MK
Mob: 80959 94729

Event Rules - Cultural Events

Boom Boom

-Western solo dance

Date: 08.03.2019   Time: 9:30 - 10:30 AM   Venue: Main Stage

- Type: Solo.
- Duration: 3+2 min.
- Recorded music is allowed.
- Any Non-Indian dance form may be performed (Jazz, Salsa, Tap, hip hop, contemporary etc).
- Props may be used.
- Obscene dressing, presentation and vulgarity are not allowed.
- Water, color, gas and fire should not be used.
- Participant should not convey wrong information.

Staff In Charge: Mrs Rukmini Ballal

Student Coordinator: Amanda Janice Gomes
Mob: 94820 33846

Event Rules – Cultural Events

Janapada

-Tulu Folk Dance

Date: 08.03.2019   Time: 10:30 – 11:30 AM   Venue: Main Stage

- Type: Group (Minimum 3 Maximum 10 members).
- Duration: 4+2 min.
- Recorded music is allowed.
- Any one of the tulu folk dance form may be performed
  (Kangilu, Aatikalanja, Yakshagana, Hulivesha etc).
- Combination of these dance forms not allowed.
- Props may be used.
- Obscene dressing, presentation and vulgarity are not allowed.
- Water, color, gas and fire should not be used.
- Participant should not convey wrong information.

Staff In Charge: Mrs Rukmini Ballal

Student Coordinator: Swastika S Sanil
Mob: 73489 89464

Event Rules – Cultural Events

Pada Yatra

-Solo singing Classical

Date: 07.03.2019   Time: 2:30 – 3:30 PM   Venue: Admin Block Seminar Hall

- Type: Solo
- Duration: 4+1 min
- Prerecorded background music not permitted.
- Accompanying instruments are allowed.

Staff In Charge: Mr Karthik V

Student Coordinator: Shilpa Bhat
Mob: 94839 28814

Event Rules - Cultural Events

Le Le Le Ga

-Tulu Group Singing

Date: 07.03.2019   Time: 1:30 - 2:30 PM   Venue: Admin Block Seminar Hall

- Type: Group (Minimum 3 maximum 6 members).
- Duration: 5+1 min.
- Prerecorded background music permitted.
- Accompanying instruments are allowed.
- Film songs are also allowed.

Staff In Charge: Mr Karthik V

Student Coordinator: Raksha R
Mob: 98861 18032

Event Rules – Cultural Events

Varnika

-Rangoli

Date: 08.03.2019   Time: 11:45 – 1:45 PM   Venue: Seminar Hall, Library Block

- Type: 2 members per team
- Duration: 2 hours
- Maximum size: 4ft by 4ft.
- Theme: Classical or modern

Staff In Charge: Mrs Renita Pinto

Student Coordinator: Poojashree B Shetty
Mob: 73534 71383

Event Rules – Cultural Events

Chittara

-Pencil Sketch

Date: 07.03.2019   Time: 11:00 – 12:00 Noon   Venue: LH 201

- Type: Solo
- Duration: 1 hour
- Theme : will be given on spot

Staff In Charge: Ms Nisha Nazrath

Student Coordinator: Sumanth S G
Mob: 72046 35450

Event Rules - Cultural Events

Rangitaranga

-Face Painting

Date: 07.03.2019   Time: 12:15 – 1:45 PM   Venue: LH 201

- Type: Solo
- Duration: 1½ hour
- Theme: will be given on spot

Staff In Charge: Ms Nisha Nazrath

Student Coordinator: Abhinaya S
Mob: 79756 70335

Event Rules – Cultural Events

Mannda kale

–Clay Modelling

Date: 08.03.2019   Time: 9:00 – 11:30 AM   Venue: Opp. Library

- Type : 2 members per team
- Clay will be provided by the organisers.
- Duration : 2.5 Hours
- Participants must get other materials.
- Participants are themselves responsible for any kind of damage.

Staff In Charge: Mrs Renita Pinto

Student Coordinator: Keerthan P Acharya
Mob: 99648 99534

Event Rules – Cultural Events

Solmeda Kagaji

-Greeting Card

Date: 07.03.2019   Time: 2:00 – 4:00 PM   Venue: LH 201

- Type: 2 members per team
- Duration: 2 hours
- A4 sheet will be given.
- Theme will be given on spot
- Sticking of any type of drawings/ photos/ wordings etc are allowed.

Staff In Charge: Ms Nisha Nazrath

Student Coordinator: Chinmayi V Kulkarni
Mob: 87623 65410

Event Rules - Cultural Events

Shikari

-Treasure Hunt

Date: 07.03.2019   Time: 11:00 AM onwards   Venue: Seminar Hall 3

- Type: Group (Maximum 5 members)
- Each team needs to have a mobile with internet connection.
- Should not damage the college properties.

Staff In Charge: Mrs Shashikala

Student Coordinator: Shetty Nikitha Narendra
Mob: 94818 75166

Event Rules – Cultural Events

Samskrithi

-Variety Act

Date: 08.03.2019   Time: 1:00 – 4:00PM   Venue: Main Stage

- Type (Maximum 15 members)
- Duration: 15min + 2min(preparation)
- Should include minimum 2 solo events and 2 group events.
- MC carries additional points.
- Theme: Indian Cultural Heritage.
- 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.
- Act should not be against any individual / community.

Staff In Charge: Mrs Shashikala

Student Coordinator: Ashish H Prabhu
Mob: 94839 12744

Event Rules - Cultural Events

Dennana Dennana
-Anthyakshari

Date: 07.03.2019   Time: 2:00 - 5:00 PM   Venue: Main Stage

- Three members per team
- Number of rounds and additional rules for the event

  will be announced at the venue

Staff In Charge: Mrs Renita Pinto

Student Coordinator: B.M.Shikha
Mob: 7760626291

Event Rules - Technical Events

Tech Presento - Paper Presentation

for Civil, CS, EC and Mechanical branches

TOPIC : EMERGING TRENDS IN SCIENCE AND TECHNOLOGY

The abstract should give a clear indication of the objective. Abstract, main text and conclusion and future aspects of the paper, the length of the abstract should not be more than 300 words. The title page of abstract must contain the name of the members, name of the college, email id and contact number

DESCRIPTION OF ROUNDS.

Prelims(online submission)

- Each team has to submit online an abstract on the basis of which they will be shortlisted for the presentation.
- Topics could be on any existing technology or an upcoming one.
- Word limit 300

FINALS (presentation)

- 8 minutes will be given to each team for presentation.
- Interjection from judges and students for 2 minutes at the end.

RULES

- Maximum of two participants can present a paper.
- The paper should be in IEEE format and must not exceed 6 pages.
- Two copies of the selected paper should be bought by the team on the day of event and should be submitted 30 minutes before the commencement of the event.
- Visual aides must be present.
- Prizes and certifications will be provided to the winners.

Event Rules - Technical Events

Tech Presento - Paper Presentation

for Civil, CS, EC and Mechanical branches

Department of Computer Science & Engineering
Date: 07.03.2019   Time: 10:00 - 12:00 Noon   Venue: LH 204
Staff In Charge: Ms. Swathi Prabhu   Student Coordinator: Sinchana Rao (97428 91670)

Department of Mechanical Engineering
Date: 07.03.2019   Time: 10:00 - 12:00 Noon   Venue: ME 001
Staff In Charge: Mr. Pavan Kumar   Student Coordinator: Rahul Hebbar (88679 58447)

Department of Civil Engineering
Date: 08.03.2019   Time: 10:00 - 12:00 Noon   Venue: CV 101
Staff In Charge: Ms. Deepika B. V.   Student Coordinator: Ramya Jyosthna Soans (99728 00652)

Department of Electronics and Communication Engineering
Date: 08.03.2019   Time: 10:00 - 12:00 Noon   Venue: EC 010
Staff In Charge: Mr. Krishna Kumar P.   Student Coordinator: Keerthiraj V Poojary (96327 32549)

Event Rules - Technical Events

Department of EC Engineering

CIRCUITRIX - CIRCUIT RIG UP AND DEBUG

Date: 08.03.2019   Time: 9:30 - 1:30 PM   Venue: EC 011 LD Lab

This is an event which involves complex circuit analysis and skills to perform practically and execute using analog devices and components. As the name suggests the event requires knowledge about circuit making on the bread board along with the knowledge of basic analog components.

RULES

- Elimination round where each team will be given M.C.Qs, a fixed no of teams with best performance will be selected.
- The teams will be given a circuit, participants should rig up the circuit. Teams with the lowest clock time will be advanced to the 3 rd round.
- Third round is the Debugging Round: The teams are required to find the faults in the given circuit and get the output.
- Further information about each round will be provided to the participants on the day of event.
- Rules are subjected to change without prior notice.
- The decision of the event coordinator is final.
- The maximum of 2 participants per team.
- No. of participating teams per college is 5

The teams with the maximum faults identified will be the winners.

Staff In Charge: Mr. Avinash N J

Student Coordinator: V K Radheya
Mob: 97428 58150

Event Rules - Technical Events

Department of EC Engineering

MATRIX - MATLAB PROGRAMMING

Date: 08.03.2019   Time: 2:00 - 4:00 PM   Venue: EC 012 DSP Lab

Rules:

- Individual event.
- Maximum of 2 participants per team.
- No. of participants per college is restricted to 5.
- Further information about each round will be provided to the participants on the day of the event.
- The rules are subjected to change without prior notice.
- The decision of the Event Manager will be final.

Guidelines

Round 1 : It is an elimination round where each team will be given MCQ's based on matlab and Simulink, control systems , digital signal processing only.

Round 2 : Writing a code for a given problem statement.

Round 3 : Design a Simulink model for the given problem statement.

Staff In Charge: Mr. Krishna Kumar P.

Student Coordinator: Pooja K R
Mob: 96324 11811

Event Rules - Technical Events

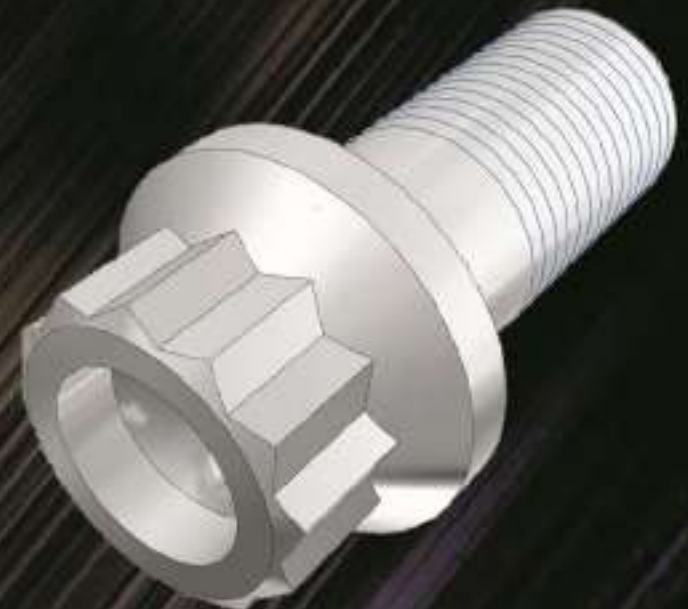## Department of Mechanical Engineering

CAD IT - CAD MODELLING

Date: 07.03.2019   Time: 10:00 - 1:00 PM   Venue: Admin Block CAD lab

Sketch of the model will be given. Using SOLID EDGE, participant should do the modelling of each part, and assemble it.

RULES

- Individual event.
- Duration: 2 hr 30min.
- Isometric view and any 2 standard views to be shown.
- Further guidelines will be provided on the spot.
- No. of participants per college is restricted to three.

Staff In Charge: Mr. Manjunath S

Student Coordinator: Sudarshan M
Mob: 82963 69642

Event Rules - Technical Events

Department of Mechanical Engineering

Lathe War - Machining operation using lathe

Date: 07.03.2019   Time: 1:00 – 4:00 PM   Venue: Machine Shop

RULES

- Paricipants should bring their own safety equipment's like goggles, aprons and gloves compulsorily it will not be provided by the organizers.
- Individual event.
- Students must be present at least 15minutes before the commencement of the competition.
- Participants must complete the model within the given time.
- Necessary equipments and the tools will be provided by the college.
- Judgement will be on the basis of dimensional accuracy, surface finish and time of completion.
- Judges decision will be final.
- Selection will be based on first come first serve basis.

Staff In Charge: Mr. Manjunath S

Student Coordinator: Shreyas S S
Mob: 94819 16132

Event Rules - Technical Events

Department of Civil Engineering

SARVEKSHAN - QUICK SURVEVING

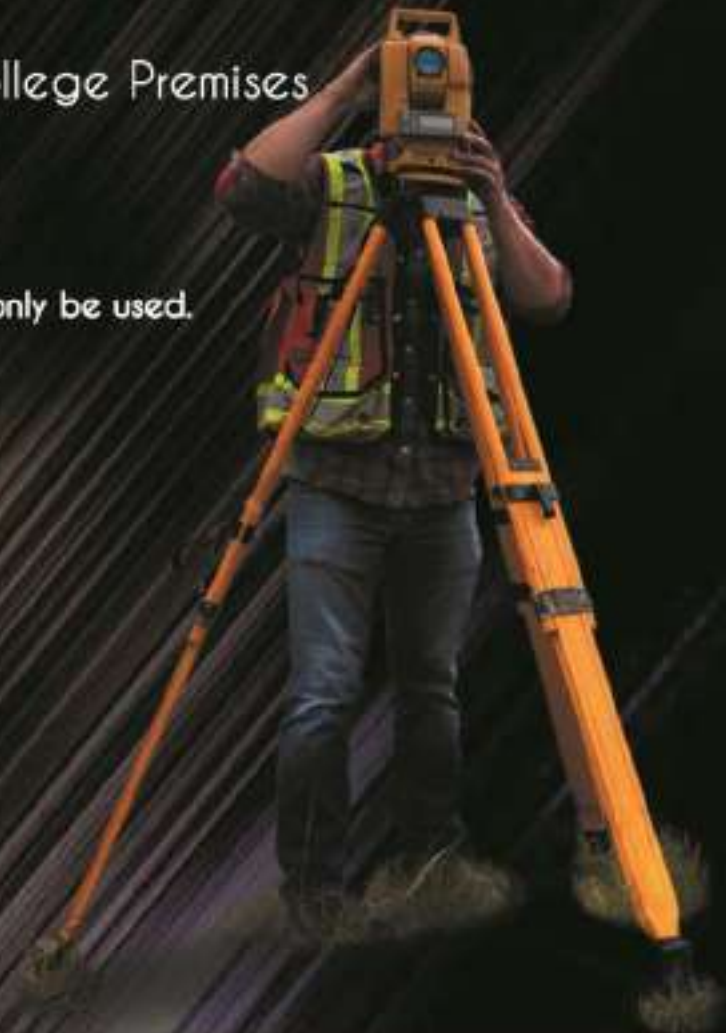Date: 08.03.2019   Time: 10:00 - 1:00 PM   Venue: College Premises

RULES

- Building planes will be provided, chain, tapes and arrows which will be provided can only be used.
- 4 participants per teams.
- Duration 2 hr 30 minutes.
- Further guidelines will be provided on the spot.
- No of participating team per college is restricted to three.

Staff In Charge: Mr. Sooraj Kumar

Student Coordinator: Manoj Kumar B G
Mob: 99729 07102

Event Rules - Technical Events

Department of Civil Engineering

MODULA – Model making competition

Date: 08.03.2019   Time: 1:00 – 3:30 PM   Venue: Civil Block

RULES

- TOPIC: structure related to civil engineering.
- Team may consist of maximum 2 members.
- Time given 3 hours
- Basic materials will be given. (thermacol, glue and blade)

Staff In Charge: Mr. Sooraj Kumar

Student Coordinator: Anvitha
Mob: 97437 91782

Event Rules - Technical Events

Department of CS & Engineering

CRACK C - C PROGRAMMING/ DEBUGGING

Date: 07.03.2019   Time: 10:30 – 1:30 PM   Venue: LH 204

- Two participants per team.
- Mobile phones, books or any other programmable devices are not allowed for the participants in the venue. Rough sheets will be provided.
- Judges decision will be final and binding.
- No. of participating teams per college is restricted to 3.

ROUND 1 : CORRECTO QUIZES

- 'N' questions on C, C++ and error checking will be asked.
- Time allotted is 30 min.
- Top 'X' teams will be selected to the final round.

ROUND 2 : LOGIC PUNCH

- Participants will code in C or C++ as specified on the question.
- Time allotted is 1 hr 30 min.
- First 30min. consist of quiz followed by one hour of coding.
- Participants will be given with computer loaded with Visual Studio.
- Judging is based on positive and negative output based on the code efficiency and algorithms used.

Staff In Charge: Ms. Sowmya S.

Student Coordinator: Divyashree K Kulal
Mob: 87470 86405

Event Rules - Technical Events

Department of CS & Engineering

WEBBED - WEB PROGRAMMING

Date: 07.03.2019   Time: 1:30 – 4:30 PM   Venue: Computer Centre V

RULES

- The purpose of the competition is to produce a 4+ page website preferably dynamic based on competition topic which will be announced on the day of competition.
- Participants can work in a team of 2 members.
- Each team will be assigned a computer. Each team must do all the work of creating the webpage using the permitted development tool , but may make use of content (eg images audio, video, framework, and libraries) found on the internet when provided with proof of documentation that permits its use.
- Permitted Development Tools: Adobe DreamWeaver, Expression web, Wamp Server(if required).

Staff In Charge: Ms. Sowmya S.

Student Coordinator: Varun Rao B
Mob: 85499 08754

Event Rules – General Events

NFS MOST WANTED

Date: 07.03.2019   Time: 10:00 – 1:30 PM   Venue: CIM Lab, Mechanical Block 1st Floor

- Game Version: Need For Speed: Most Wanted.
- Individual event.
- Any discomfort regarding controls should be informed first.
- The game has to be played only on the keyboard. Any other controllers are not permitted.
- Tournament format: 4 or 6 players play at a time.
- Game type will be decided by the organizers at the tournament.
- At the end of each match, the players must maintain the final screen and receive confirmation from a referee.

Staff In Charge: Ms. P Aishwarya

Student Coordinator: Pratheek I
Mob: 88612 34692

Event Rules – General Events

ROBO SOCCER

Date: 07.03.2019 **Time: 10:00 – 1:30 PM** **Venue: Workshop**

The Robo Soccer is a team-based competition. You must create a robot that can play soccer/football/whatever you call it. Your team will compete against another team's robot.

GENERAL RULES:
- A team can have a maximum number of 4 members.
- Team members can't be from different colleges.
- A team is allowed to play with only one robot.
- In case the robot moves out of the arena, the robot will be placed at the previous point.
- Touching the robot during the game will lead to negative points.
- In case of a wired robot, the wire should remain slack and lifted throughout the race. It should not disturb the arena or the participants. If so then the team will be disqualified.
- The unfair game may lead to disqualification of the team.
- The robot should not damage the field. Damaging/harming the arena may lead to disqualification.
- The decision of the Event Organizers shall be treated as final and binding on all and cannot be contested.

EVENT RULES:
- The event will be timed and the side scoring the maximum goals within the playtime shall be declared the winner.

- Each match will be of two rounds and each round will be of 3 minutes.
- In case of tie-breaker, there will be the 3rd round of 2 minutes.
- There will be negative points if the ball goes out of the arena.

BOT SPECIFICATIONS:
- The robot can be up to 30x30x30 cm in dimension.
- Maximum weight: 5 kg
- Kicking devices are permitted.
- The robot can be controlled by wired/wireless mechanisms. (Preferably wireless) If the robot is controlled by wireless mechanisms, the robot must have a frequency remote control circuit which could avoid frequency interference with other teams.
- Minimum wire length 12 Ft

FIELD SPECIFICATION:
- The floor of the arena is smooth with no obstacles.
- Arena size: 8Ft x 4Ft
- The goal post will be of 40cm wide.
- The walls of the goal are 20mm thick and are anchored securely to the surface.
- Cosco tennis ball will be used(2.7Inch, 6cm).
- The organization will provide a standard 230 volts 50Hz A.C power supply. Any other extension cords, adapters, eliminators etc must be arranged by the participants themselves

Staff In Charge: Ms. Swathi Prabhu & Mr. Sooraj Kumar

Student Coordinator: Sumeeth A Amin
Mob: 82771 71399

Event Rules - General Events

e - Warfare

Date: 08.03.2019   Time: 10:00 - 1:30 PM   Venue: LH 104

Players can only use official accounts provided by the organizers.

Each team must have FOUR (4) players. Every member must be present throughout the duration of the entire tournament. And the decision of the event coordinator is final and unquestionable.

◆ Each team must hold an appropriate name. Any team with an unsuitable name will be asked to create a new name in order to participate in the competition. Else a default name assigned by a game Marshall will be used until a suitable name is found.

◆ If any bug happens during the competition, the player must inform the nearest game marshall immediately. Failure to do so will result in demerit points, temporary suspension, and/or bans from future competitions.

◆ Players found to be using the bug to their advantage will immediately disqualify their team from the match, day or event.

◆ Possible technical issues with PUBG, its servers and/or network may cause games to be rescheduled or canceled at the sole discretion of the organizers.

◆ Servers will be restarted in the event that more than four (4) or more players from different teams are kicked from the server before the start of the match, or two (2) or more players from the same team are kicked from the server.

◆ The match will be restarted if the settings of the server are incorrect.

◆ Cheating is strictly prohibited. As a condition of their participation in PlayerUnknown's Battleground competition, players agree to refrain from manipulating the game files in any way, using of any unapproved game modifications, programmes, or any other methods that give one an unfair advantage over another player. The definition of cheating will be determined by the organizers where applicable.

Staff In Charge: Ms. P Aishwarya

Student Coordinator: Karan Philip
Mob: 94496 49706