



SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi)
Vishwothama Nagar, Bantakal - 574 115, Udupi Dist., Karnataka



VARNOTHSAVA '17

Information Handbook



VARNOTHSAVA'17

Varnothsava is an Annual Intercollegiate Cultural and Technical fest organised by SMVITM. It was first organised in the year 2014. It had participant from all most all colleges in the region. The first ever Intercollegiate Cultural and Technical fest separately titled Varnothsava and Tantrikothsava respectively were held on 03 and 04 March 2014. While Varnothsava had competitive events like dance, mime shows, singing, rangoli, face painting etc., participants of Tantrikothsava took part in various technical competitions like Roborace, Gaming, Branch specific paper presentations etc. The second edition of the Intercollegiate Cultural and Technical fest titled Varnothsava'15 was held on 20 February 2015. More than 660 participants from 12 Engineering and degree colleges participated in Competitive Cultural and Technical events held as part of the fest. The third edition, Varnothsava'16 was held on 10 and 11 March 2016. It was a platform for tech geeks and cultural maniacs to showcase their talents that can amaze anyone.

The fourth edition, *VARNOTHSAVA'17*, hosted by SMVITM will be held on *16 February 2017*, which provides a wide opportunity for Technical and Cultural extravaganza!!

General Instructions

- Registration fee is Rs.150 per participant(for any number of events).
- Registration must be done online
- Last date for registration: 13 Feb 2017
- Events will be cancelled if number of participating team/participants is less than 4
- Accompanying artist should be bonafide students of the particular college
- Every student must possess the college Identity card
- Participant should behave in a discipline and responsible manner throughout the program
- Participant shall report and be ready at the venue 30 minutes before the commencement of the events
- Registered participants should report between 8:30AM to 9:00AM at our college registration desk
- Vulgarity in any form is not entertained
- Organisers reserve the right to abruptly stop the event in case of any vulgarity and indecency observed in the event
- Overall trophy will be awarded on the basis of total points
- All decisions taken by the organisers and the judges are final and binding to all participants
- SMVITM is not responsible for theft and loss of your possessions and valuables
- Fireworks and animals are not allowed

TECHNICAL EVENTS SCHEDULE			
DATE	EVENTS	TIME	VENUE
16 FEB. 2017	TE PRESENTO (Paper Presentations)	9.00-11.30	In Respective Departments
	Circuitrix(ECE) Crack C(CSE) Cad-It(ME) Sarvekshan(CVE)	11.30 To 2	In Respective Department Labs
	Treasure Reloaded (Treasure Hunt)	11.00 To 3.00	College Campus
	Gaming- NFS-MW Mini Militia	10 AM Onwards	CAD Lab, CS Labs Admin Block
	Metal Combat 1.0 (Robowar)	11.30 To 1.30	ECE Block
	Bots On Lanes 2.0 (Roborace)	1.30 To 3.30	Near Library Block

CULTURAL EVENTS SCHEDULE			
DATE	EVENT	TIME	VENUE
16 FEB. 2017	Variety act	9.30-12.30	Main stage
	Group Dance	1.00-4.00	Main stage
	Solo Singing	10.00-12.00	Seminar Hall-3
	Duet singing	12.30-2.30	Seminar Hall-3
	Collage	12.00-2.00	Seminar Hall-1
	Best out of waste	10.00-11.30	Library Block
	Craft	2.00-3.30	Library Block
	Rangoli	12.30-1.30	Mechanical workshop
	Pencil sketch	11.30-12.30	Class Room LH 202
	Face Painting	10.30-12.00	Class Room LH 201

1. TE PRESENTO (Paper Presentation) **(CIVIL / ECE / CSE / MECH BRANCH)**

Topic: "Emerging Trends in Engineering & Technology"

The paper should give a clear indication of the objective, abstract, main text, and conclusion and future aspects of the paper. The title page of paper must contain the name of the members, USN, name of the college to which the member belong, email ID and contact number.

Description of Rounds

Prelims (Online Submission)

- Each participant has to submit the paper online on the basis of which they will be short listed for the presentation.
- The topics could be on any existing technology or an upcoming one.
- Last Date for online submissions: 10 February 2017
- Submit at: cocurricular@sode-edu.in

Finals (Presentation)

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

Rules

- Individual event
- The paper should be in IEEE format and not exceeding 6 pages.
- Two copies of the selected papers should be brought by the participant on the day of the event and should be submitted 30 minutes before the commencement of the event.
- Total time of 8+2 minutes is allowed for the presentation along with interjections and questions
- Questions may be posed by judges and/or students attending the presentation.
- Presentations should be accompanied by visual aids.
- Prizes and certificates would be awarded to the winners.
- Number of participants per college is restricted to 3.

CIVIL ENGINEERING

Faculty Co-ordinator: Mr. Deviprakash

Student Co-ordinator: Mr. Vikas Udupa

Contact No:+919480529442

MECHANICAL ENGINEERING

Faculty Co-ordinator: Mr. Vijendra Bhat

Student Co-ordinator: Mr. Arthur Charles Pinto

Contact No:+919108748498

COMPUTER SCIENCE & ENGINEERING

Faculty Co-ordinator: Mr. Shrinivasa Naik

Student Co-ordinator: Ms. Amrisha HM

Contact No: +918762362498

ELECTRONICS & COMMUNICATION ENGINEERING

Faculty Co-ordinator: Ms. Shashikala R

Student Co-ordinator: Ms. Anusha Pai

Contact No: +919743577389

ELECTRONICS & COMMUNICATION **ENGINEERING**

2. CIRCUITRIX(Circuit rig up debug)

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

- A team can have 2 members.
- First round is an elimination round where each team would be given M.C.Q's.
- In the second round the teams will be given a circuit. Participants should rig up that circuit.
- The 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 would be provided to the participants on the day of the event.
- The rules are subject to change without prior notice.
- The decision of the Event coordinator will be final.
- Number of participating teams per college is restricted to 3.

Faculty Co-ordinator: Mr. Raghavendra Rao P.

Student Co-ordinator:

Mr. Vasanth Pai (Contact No.:+919742590891)

CIVIL ENGINEERING

3. SARVEKSHAN(Quick Surveying)

- Building plans will be provided. Chain, Tape & Arrows, which will be provided, only are to be used.
- Four participants per team.
- Duration: 2 hr 30min.
- Further guidelines will be provided on the spot.
- Number of participating teams per college is restricted to 3.

Faculty Co-ordinator: Mr. Ravikumar

Student Co-ordinator:

Ms. Gayathri Jathan(Contact No:+917676958555)

Ms. Sahithya Shetty(Contact No:+917026052500)

MECHANICAL ENGINEERING

4. CAD -IT (CAD Modelling)

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

- Individual event.
- Duration: 2 hr 30min.
- Isometric view and any 2 standard views to be shown.
- Further guidelines will be provided on the spot.
- Number of participants per college is restricted to 3.

Faculty Co-ordinator: Mr. Narayan Nayak

Student Co-ordinator: Mr. Nilesh (Contact No: +919035931280)

COMPUTER SCIENCE & ENGINEERING

5. CRACK C(C Programming/Debugging)

- Two make a team.
- Mobile phones, books or any other programming devices are not allowed for the participants in the venue (Rough sheets will be provided).
- Judges decision will be final and binding.
- Number of participating teams per college is restricted to 3.

ROUND 1: PRELIMINARY

- a) 'N' questions on c, c++ & error checking.
- b) Time allotted is 30 minutes.
- c) Top 'x' team will move onto final round.

ROUND 2: CODING

- a) Participant will code in c or c++ as specified on the question
- b) Time allotted is one and half hours
- c) Participants will be given with a computer loaded with required IDE.
- d) Judging is based on positive (desired) & negative output based on the code efficiency and algorithm used.

Faculty Co-ordinator: Mr. Manoj T.

Student Co-ordinator:

Ms. Deeksha Kini (Contact No:+919482677241)

GAMING

6. NFS Most Wanted

- Game Version: Need For Speed : Most Wanted
- Any discomfort regarding controls should be informed first.
- The game has to be played only on keyboard. Any other controllers are not permitted.
- Tournament Format: 4 or 6 Players play at a time. The first two players to complete the race will advance to the next
- Game Type: to be decided based on the stage of the tournament.
- At the end of each match, players must maintain the final screens and receive confirmation from a Referee.

Student Co-ordinators:

Mr. Shreeraj(Contact No: +917795980009)

Mr. Satwik S Bhandodkar(Contact No:+919620795555)

7. MINI MILITIA

- Game Version: 3.0.27.
- Two make a team.
- Tournament format: 2 vs. 2, Best 2 out of 3 matches.
- Not more than 3 teams per college.
- A limited amount of time will be given to configure.
- Further information will be announced before the start of each match.

Student Co-ordinators:

Mr. Chetan Huddar (Contact No:+919900932065)

Mr. Akshay C (Contact No:+918095632949)

GENERAL EVENTS

8. METAL COMBAT 1.0(Robowar)

OBJECTIVE:

To make a manually controlled machine that completes the fight in the minimum possible time & maximum points.

Technical rule book will be announced soon.

GENERAL RULES OF THE EVENT

- The war will be conducted on timing & point criterion i.e. the team to complete the fight in minimum possible time and maximum points will be the winner.
- The time measured by the organizers will be final and will be used for scoring of the teams. Time measured by any contestant by any other means is not acceptable for scoring.
- A team can consist of a maximum of 3 participants.
- First round is league round, next rounds are knockout.
- In case of any disputes / discrepancies, the organizer's decision will be final.
- Any team not ready at the time specified will be disqualified from the competition automatically.
- Judges decision will be final and binding on all, no argument will be entertained.
- Wired / Wireless Control is allowed.
- The Robo must not be made up of Ready Made Kits, Lego Parts etc.
- Robo should not be touched in middle of race.
- Any damage to arena will lead to penalty or disqualification.

Faculty Co-ordinator: Mr. Vinaykumar S.R.

Student Co-ordinator:

Mr. Derric Sunny (Contact No:+919538164474)

9. BOTS ON LANES 2.0 (Roborace)

OBJECTIVE:To make a manually controlled machine that completes an obstacle track in the minimum possible time.

TRACK ARENA:

- The track will have a maximum width of 30cm.
- The hurdles present on the track may be in the form of:
 - ✓ Sands and Gravel
 - ✓ Oils and Greases
 - ✓ Bridges and inclined surfaces
 - ✓ Crystal balls, cotton, wood and iron pellets etc.

DIMENSIONS AND POWER SUPPLY:

- The machine must fit within a box of dimensions 25 cm X 25 cm (L X B).
- Maximum Voltage Supply in any case must not Exceed 24 V DC.
- The organizers will provide a standard 230V/50 Hz AC power supply. Any extension cords, eliminators, adaptors etc required will have to be arranged by participants themselves.

GENERAL RULES OF THE EVENT

- The race will be conducted on timing criterion i.e. the team to complete the whole track in minimum possible time will be the winner.
- The time measured by the organizers will be final and will be used for scoring the teams. Time measured by any contestant by any other means is not acceptable for scoring.
- A team can consist of a maximum of 3 participants.
- In case of any disputes / discrepancies, the organizer's decision will be final.
- Any team not ready at the time specified will be disqualified from the competition automatically.

- Judges decision will be final and binding on all, no argument will be entertained.
- Wired / Wireless Control is allowed.
- The Robo Car must not be made up of Ready Made Kits, Lego Parts etc.
- Robot should not be touched in middle of race.
- Team numbers once allotted can't be changed.
- Any damage to arena will lead to penalty or disqualification.

Faculty Co-ordinator: Mr.Sachin Bhat

Student Co-ordinator: Mr.Shailesh (Contact No:+91 9591616082)

10. TREASURE RELOADED(Treasure Hunt)

Using a series of clues participants have to find a hidden treasure.

- 3 make a team
- Prelims will be conducted, if there are too many teams.
- The event will go on for 2-3 hrs.
- The Event organizers decision will be final and binding.

Student Co-ordinators:

Ms. Aishwarya Acharya (Contact No:+919686321275)

Mr. Sourabh Tantry(Contact No:+919535621565)

CULTURAL EVENT RULES

GROUP Events

1. Group Dance (Indian/western)

- Participants: Minimum 5 Maximum 12
- Duration: 5 + 2 minutes.
- Type: Classical, Semi Classical, Folk, or Any pure form of western dances like Hip Hop, Jazz, Filmy, Freestyle
- Costume: Should be decent.
- Music should be submitted in a CD/ Pen-drive in the morning to the organizers.
- Criteria for Judgement: Team Work, Rapport Building, Synchronization, Stage Creations, Choreography, Costumes and Confidence

Faculty Coordinator:

Ms. Swathi Prabhu (CSE): 9164770244

Student Coordinator: Keval Jain: 8553657160

2. Variety act

- Participants: Minimum 10 Maximum 16
- Duration: 13 + 2 minutes.
- Costume: Should be decent.
- There should be at least one solo act and one group act.
- Music should be submitted in a CD/ Pen-drive in the morning to the organizers.
- Criteria for Judgement: Team Work, Stage Creations, Creativity, Costumes and Confidence.

Faculty Coordinator:

Ms. Kavyashree (CSE); 9964257842

Student Coordinator: Shishira : 9743491132

3. Best out of waste

- Three members per team
- Duration: 1½ hours
- Only waste material in the campus can be used for the purpose.
- Other than the waste materials, glue and other adhesives, pins, colours can be used.
- Judges have right to disqualify any artwork if major material used is not a waste material.
- Participants are not allowed to bring any pre-made structure. All the work has to be finished within the prescribed time limit.

Faculty Coordinator:

Ms.Ramyashree (CSE): 9481826076

Student Coordinator: Manasa Hatwar: 9620157558

4. Craft

- Duration: 1½ hours
- Three members per team
- Required material should be brought by participants (glue, cello tape, paper, drawing sheet, color paper, stick, wires, needle, thread etc)
- Judges have right to disqualify any craft work if it is not possible to consider under craft work.
- Participants are not allowed to bring any pre-made structure. All the work has to be finished within the prescribed time limit.

Faculty Coordinator:

(Dr.) Usha H (Physics): 9844211835

Student Coordinator: Amitha Acharya: 9986630939

5. Duet singing

- Duration: 3+1 minutes
- Combination of participants: Male&Male / Male&Female / Female&Female
- Karaoke is allowed
- Criteria for judgement: Shruthi, Laya, Swara, Taala,Raga, Selection of song and general impression.

Faculty Coordinator:

Ms. Shareen Noronha (ECE): 9901665085

Student Coordinator: Tejas Poojary: 8722916322

6. Collage

- Two members per team
- Duration: 1 hour
- Participants are required to make a unified artistic image on a given topic/them by sticking together pieces of paper or pictures.
- Required material should be brought by participants (glue, cello tape, newspaper, magazines etc)

Faculty Coordinator:

Ms. Vrunda Adkar (ECE): 9743079926

Student Coordinator: Sachin Ananth Naik: 8892737406

SOLO Events

7. Solo Singing (Indian)

- Duration: 3+1 minutes (including settings).
- The rendition can be only Indian.
- Musical instruments or karaoke is allowed but will not be considered as judgment criterion.
- Participants are allowed to bring maximum 2 instruments.
- Criteria for judgment: Shruthi, Swara, Tala, Raga, Laya, Selection of song and general impression.

Faculty Coordinator:

Ms. Anusha B Rao (CVE): 9964380054

Student Coordinator: Lahari Vaidya: 9845864994

8. Pencil sketch

- Duration: 1 hour
- Participants can use only pencil, eraser, cotton.
- No microstrip pencil, geometrical instruments like scales are allowed.
- The topic is given on the spot.
- Tracing is prohibited.

Faculty Coordinator:

Mr. Karthik V (ME): 8970941008

Student Coordinator: Tibin baby: 8129987919

9. Rangoli

- Duration: 1½ hours.
- Participants should bring their own materials.
- No usage of ready-made designs and/or chalks and other properties (scale, thread, pencil, strainer, stick)

- The participants shall have to prepare rangoli within the space provided.
- Judgment criteria: Color combination, Area covered, Neatness, Decoration, Completion.

Faculty Coordinator:

(Dr.) Ravi Prabha K (Chemistry): 9844990322

Student Coordinator: Dekshitha Shetty: 9880756128

10. Face Painting

- Duration: 1½ hours
- Topic will be given on the spot
- Painting can be done using oil/water/poster colors.
- Participants should bring their own materials.
- Judgment Criteria: creativity, color combination, neatness, theme, completion.

Faculty Coordinator:

Ms.Shinny Melita D'Souza (CSE): 9880696853

Student Coordinator: Rohith Acharya: 9483650795

Technical Event Coordinators:

Mr. Rajesh Nayak	Asst. Professor(Sr.)	+91 97310 56879
Mr. Harshith Joshi		+91 89703 26263
Ms. Hitha Lokanath Uchil		+91 87225 11003

Cultural Event Coordinators:

Ms. Subbulakshmi N Karanth	Asst. Professor(Sr.)	+91 94496 12014
Mr. Karthik P		+91 81476 03342
Ms. Medhini		+91 94810 75705



16 February 2017



SMVITM Campus



9:00AM onwards



www.sode-edu.in



/varnothsava



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