

AMBIORA '17 Report

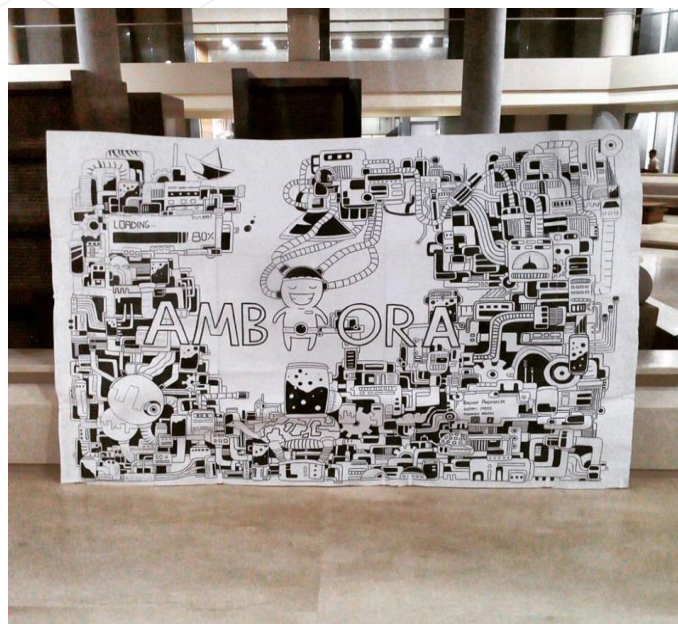
The annual technical festival of NMIMS Mukesh Patel School of Technology Management and Engineering, Ambiora was held from 23rd to 25th January 2017. The three days of extravaganza consisting of more than 25 events coupled with workshops and seminars witnessed an overwhelming participation from all the students of NMIMS MPSTME, Shirpur Campus.

Ambiora, NMIMS MPSTME's annual Technical fest got even bigger this year, with an increase in the number of competitions coupled with a significant increase in total prizes money and sponsorship. Coupled with highly appreciated workshops and an excellent lecture series, Techfest more than made up for a lacklustre beginning of 2017.

Competitions

This year, Tech fest conducted about 20 major tech-related competitions – officially broken down into 6 categories – ByteCode (evidently, coding-based events), Robotics (creating bots to carry out specialized tasks), Executive Suits (the not-so-tech competitions), Concrete and Mechatrix (related to mechanical and civil fields).

Competitions: Survey respondents applauded the management done by core committee to avoid clashes in between two events which was improved upon based on feedback received last year, however, the major setback was the fewer number of external participants mainly due to the accommodation and accessibility problems which will be improved in the coming years.



Workshops:

Workshops, an essential part of Techfest garnered over 400 registrations this year. There were a total of 2 workshops and each consisted of 200-230 students either in teams or as individuals. The workshops included a Hacking workshop by renowned Mr. Rahul Tyagi and a Robotics workshop. Not to forget, Robowar was one the best crowd puller and in fact was one of the most successful event all thanks and regards to the Robotics Team for their hard work and dedication.

The goal was to get students an overview of the best quality and the latest technical advances at low prices. This year, the cost of the workshops was reduced considerably and all participants were given a complete technical kit in case of robotics.

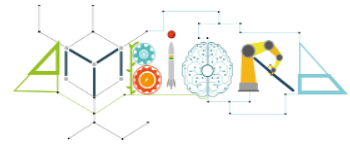
The overall review of workshops turned out to be pretty good and the participants went back as entertained as they were enlightened.



Exhibitions:

Exhibitions plays host to the technological avant-garde, bridging the gap between the technologies in today's world and the common man of India. 3-D Hologram was made by the students of NMIMS Shirpur campus which was pretty well appreciated. The idea of developing a hologram was conceived by Mr.Aman Chandrani, and Mr. Umang Shah which was supported by the Team Ambiora. One of other highly appreciated project was the "RC Car", made and supported entirely by a group of 4 students themselves belonging to the campus itself.





A day wise segregated report is summarized below:

DAY 1

The first day of Ambiora was

The Tech-fest t-shirts were one of the main attractions for the students. Being the first day of Ambiora Techfest, the first round of the following events were conducted:-

1. **Math Pirate:** The first round of Math Pirate was conducted among 25 students. In first round, 30 questions were asked and the time limit for the quiz was 20 minutes. The quiz tested the participants on their mathematical skills .
2. **Inscribe 2.0:** The first round of Inscribe 2.0 took place in between 14 students. The participants were asked to write an article on the latest technical trends. The students with best articles got selected for the second round.
3. **Technocrab:** The first round of Technocrab was conducted among 52 students. It was basically a technical event with fun which emphasized on checking the basic technical knowledge acquired by the participant so far. In this, round one of the participants from each team had to explain certain gadgets through actions or any other means possible. The teams who guessed maximum number of gadgets further proceeded for the second round.
4. **Corporate Race:** Corporate Race was conducted as a direct simulation of the actual placement procedure. It gave the participants an exposure about the current trends in placement in adopted in different corporate. The first round of Corporate Race took place in between 84 participants. In first round of Corporate Race aptitude test was conducted in which the participants had to solve 30 question in 30 minutes and these questions were based on General Knowledge, Reasoning and English.

5. **Lan Fest:** Being a Techfest, LAN gaming is one of the major attraction for the students. The response received for the event was overwhelming for all the committee members. Gaming is an art, and in this event gaming skills were tested. Lan Fest comprised multiplayer tournaments gaming of Dota 2 ,Counter Strike 1.6 ,Modern Warfare 3,Blur, Fifa'16.

6. **Robotics:** The major attraction of the Ambiora Techfest were the robotic events which took place at Amphitheatre. The events were as follows-

1. Roborace :- The participants had to design and construct a remote controlled robot capable of not only running fast but also completing the race in minimum time and the bot has to beat the other bot on the track in order to win .



2. Roborally: - The participants had to design and build a robot which not only can run fast but also which is capable of fighting the obstacles in its way on the track in minimum time.

3. RoboSoccer: - RoboSoccer is quite similar to real-life soccer. The main difference is that there is only a single robot which can score. The Arena comprises of 2 goal posts on each player's end. The participants had to design and construct a remote control robot which could score goal in their opponent goal posts.

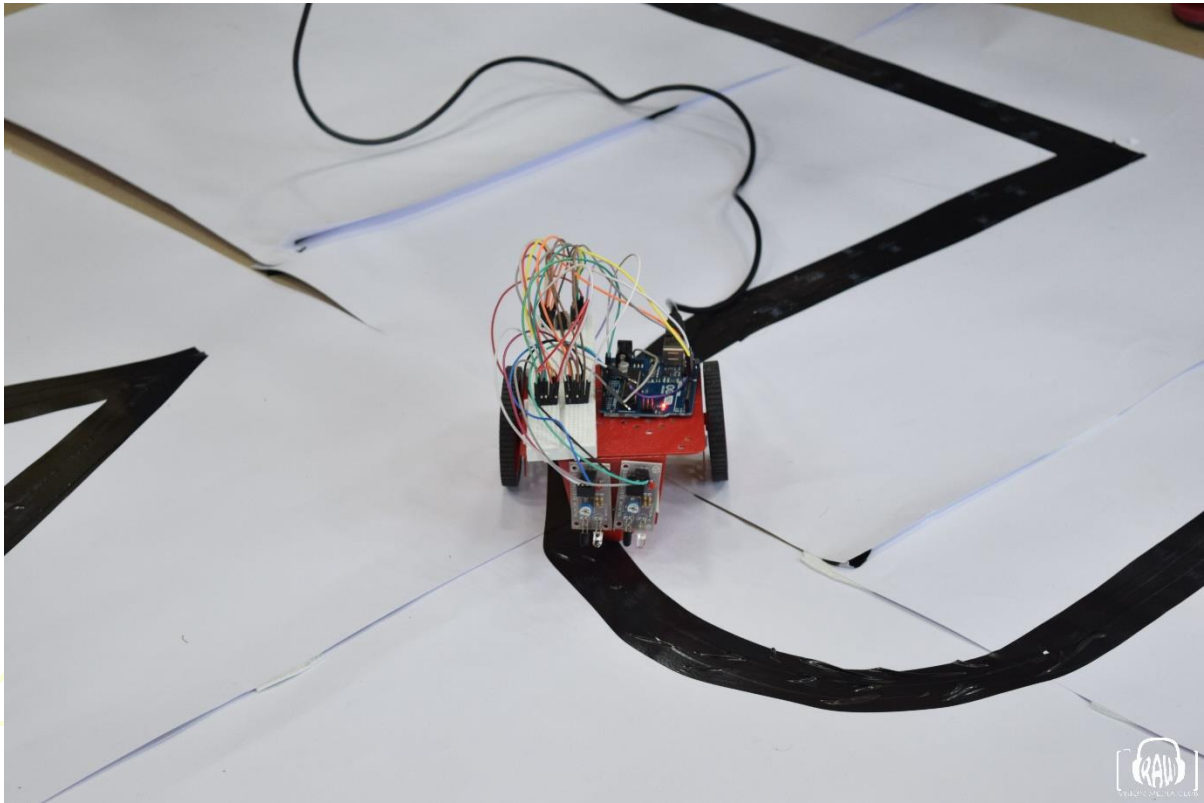


4. RoboWar: - The participants had to design and build a robot which is capable of fighting other robots and defending itself.



5. Line Follower: -

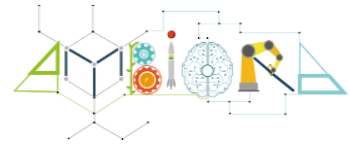
The participants had to design and construct a robot which could follow a practical line path.



7. **Helina's Eyes** :- The participants had to design and construct a remote controlled robot capable of completing the track and overcoming hurdles in the least possible time through a screen which broadcasts the real time video of the bot on the track.



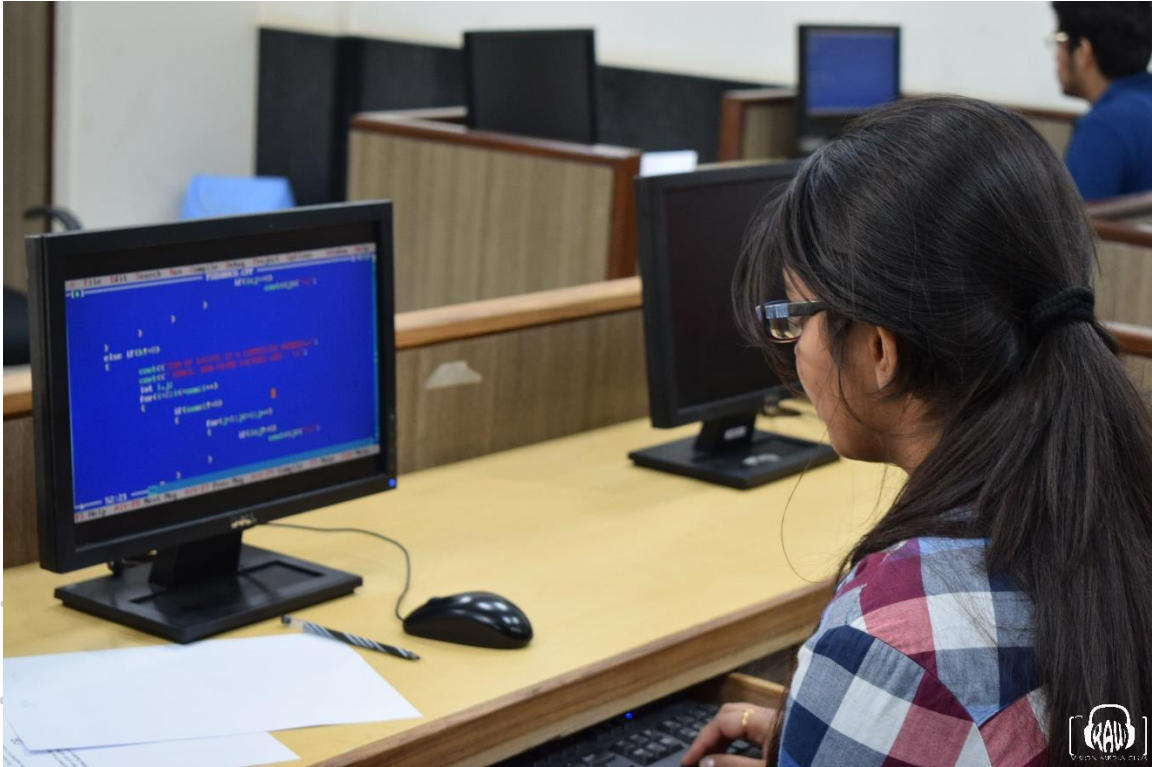
8. **Codesense**: First round of Codesense was held in PL2 from 4:30pm-6:00pm. Participants had to debug a C++ code and compile it with absolutely no error. The errors in the given code can be syntactical/semantical. The first five to do so in the least time shall be selected for the second round. 21 students took part in it.



DAY 2

Many more events to go and such enthusiasm made every event worth participation. Here is the list of events that took place in day 2:-

- 1- **Clueless:** It's a type of treasure hunt event which emphasizes on checking the basic campus knowledge of students. Each clue will direct participants to another clue and no. of teams will be eliminated after every clue. A total of 103 students participated in it.
- 2- **Math Pirate :** In the second round of Math Pirate 7 questions were asked and the participants had to solve them in 35 minutes. The participant with the maximum score was declared as winner.
- 3- **Technocrab :** Being a team event, in the second round of Technocrab the participants had to solve 10 riddles and then they had to click selfies with the answers . The team with maximum score will qualify for third round.
- 4- **Inscribe 2.0:** The participants who were qualified for second round had to give a presentation, on the topic on which they wrote an article upon in the first round.
- 5- **Corporate Race:** Second round of corporate race consisted of a group discussion on the topic like which is better "Flipkart or BigBazaar "and the participants had to put forth their views and conclude the GD by taking sides.
- 6- **Codesense:** In round 2 of Codesense a quiz was conducted among the qualified participants from round 1 and the quiz was based on latest technology. The participant with maximum points was declared as the Winner and the one with second highest, Runner Up.



- 7- **Robotics:** All the events from robotics i.e. Roborace, Robowar, Helina's Eye, Robosoccer were conducted in their usual timings in Amphitheater at their astounding arena's accompanied with Domino's pizza.

And finally here comes an end of another startling day of Ambiora Techfest 2017.

DAY 3

1. Corporate Race:

Enthusiasm was sailing among the students for the last round of the corporate race which was conducted in LR 13 & 14 between 1-3pm. It was the PI round. The students were expected to wear formal attire for the personal interview. Through this event the students gained a lot of experience and got a glimpse of the corporate world.

2. Bridge it:

Bridge it has helped the participants a lot to learn about mechanics. It was conducted between 12 to 2 pm at the amphitheater. It has enhanced the general construction idea and developed the building skills.

Robotics:

A large audience was received for all the robotics event especially Robowar.

The participants and the audience were quite delighted due the availability of Domino's delights.

3. Hydrojet:

Through this event the students got an opportunity to apply the principles of kinematics in real life. In this event students have to design a rocket which works on water or air and launch it in air, one travelling the maximum distance won. It took place near Aditi between 12:30 and 3pm.



5. UCC:

Students interested in debate had a nice time at LR-15 from 3.00 to 6.30 pm as the participants debated as CEOs and CMDs on various techno-political agendas.



6. Technocrab:

This event was conducted in LR-16 from 4.00 p.m. to 6.00 p.m. Round 3 was conducted in which students, maximum from 1st year, had a surprise round where the participants had to assemble simple circuits on breadboard.

7. Baton Flow:

Participants were asked to make a concrete structure with given specifications which has the ability to float on water. This event was conducted in the concrete lab from 12.00 to 3.00 pm. This gave students an idea about how to make the best use of a concrete material to attain maximum result with given specifications.



The core committee would like to thank the management for their kind support. We would also like to thank Prof. Yogesh Bafna and Prof. Ravindra Bhatt for being a great faculty incharge and support throughout the Techfest.