**Jigsaw Solver**

It’s always the small pieces that make the bigger picture.

When everything seems to be messed up, let your bot step in and put all the shattered pieces in place and complete the puzzle to make the bigger picture come to reality.

JIGSAW SOLVER is a robotic competition where the manually controlled robot must be used to arrange the messed up pieces to solve the puzzle.

**BaskoBots**

In the month of October, the sporting world’s attention will be drawn to the NBA league in North America, where the best teams in the world compete. The BASKOBOTS event challenges your imagination and technical design skills to create a robot to compete against other teams in a modified basketball competition.

Any American boy can be a basketball star if he grows up, up and up. Now let’s take it to a different level in ROBOTICS.

It’s time to put your aiming skills to test.

**i – Gesture**

I – Gesture is your challenge to design and test your robot’s control, speed and strategy on the terrains which tests your skills.

IF MUD AIN’T FLYIN’

YOU AIN’T TRYIN’!

Designing a robot to respond to your gestures might be easy, but making it run on the terrains that test your design and engineering skills. So, are you up for the challenge?

Ball Catcher

Catching a ball is a provocation and amusement game. But it is more fascinating when robots catch the ball by a manual control.

To explore the kind of ability of an individual in Robotics domain, we present you this event where you exhibit a robot, capable enough to exceed all the difficulties in order to prove your skills. Ultimately, success lies in the hands of the deserving. Showcase your skills to merge the realms of robotics and humans in the game.

**ROBO SOCCER**

In the summer of 2018 the sporting world’s attention was drawn to the FIFA World Cup in Russia, where the best football (soccer in the US) teams competed, now it’s the time for The Robo soccer Competition which challenges your imagination and technical design skills to create a “team” to compete against three other teams in a modified football competition.

Soccer is undoubtedly a challenging and fun loving game. But isn’t it more interesting when robots play soccer? To experience fun in Robotics field, we present you a platform wherein you exhibit a robot, capable enough to surpass all the difficulties in order to celebrate victory. Ultimately, success lies in the hands of the deserving. Showcase your skills to merge the realms of robotics and humans in the game of football.

ROBO RACE

‘If you have everything under control, then you are not moving fast enough’, Roborace is a challenge where the robot designed need to complete the given track in the least time.

Day-to-day, latest technologies are rapidly being implemented in various sectors. Then why not use it for having fun? We present you Roborace which satisfies the fundamental need to push technology to its limits and enjoy.

BATTLE FIELD

Ever imagined how wars took place? Well, it was like seventy years ago that World-War 2 ended and by God’s grace, we never got a chance to experience a war-like situation. But, don’t you think fighting in a war is kind of fun, except that it might cost lives. So let’s just step back to the era of wars to get an amazing experience. And, Team ROBOVANZA proudly present you an event “BATTLEFIELD”, where the arena resembles the battle field and soldiers replaced by Robots.

“The harder the battle, the sweeter the victory”. And the victory lies in the hands of deserving.

**Wall Touch**

Remember how much fun it was to play the game of Wall Touch during our childhoods. Imagine a robot playing the same game. The path of the robot is guided by black lines and the robot must identify at least 2 walls on the path to win the game. The line follower bot shall run on the black lines on a white surface to reach two walls in the shortest time and announce its success by ringing a buzzer.

BALANCING

All of us had a lot of fun playing on the see saw. Imagine if a robot had to balance itself on a see saw like structure. The task of the manually controlled robot will be to travel from one end of the see saw to the other end, finishing as many laps as possible in the given time.

SORTING THE COLOR:

Sorting a random group of things is a difficult task for any person. What if a robot had to sort the colors? This event tests the ability of the robot to identify the color of the ball and carry it to the appropriate box and drop the ball in the box. What adds to the difficulty of the event is that the robot must be completely autonomous.