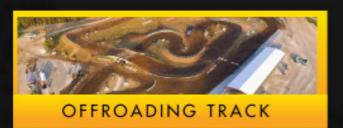


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RULE BOOK 2023

OFFFROADING



DECEMBER XX

OFFROADING SPANDAN TECH FEST



OFF ROADING



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INTRODUCTION



WELCOME TO ROBO RACE OFFROADING. WHERE COOL ROBOTS GO ON EXCITING ADVENTURES OFF THE NORMAL ROADS. THESE SPECIAL ROBOTS ARE REALLY GOOD AT DRIVING ON TOUGH AND **BUMPY TERRAINS, LIKE ROCKY TRAILS** AND MUDDY PATHS. IT'S A BIG CONTEST TO SEE WHOSE ROBOT CAN HANDLE THE WILD OFFROAD CHALLENGES THE BEST. THE FUTURE OF RACING IS HERE, AND IT'S ON OFFROAD TERRAIN.BUT HERE INSTEAD OF USING OFFROADING **VEHICLES WE ARE USING ROBO-CARS.** THE CHALLENGE IS TO BUILD YOUR OWN WIRELESS OR WIRED BUT WITHIN THE **SPECIFIC DIMENSIONS IN ORDER TO ACHIEVE THE MAXIMUM SPEED TO BEAT** OTHER BOTS ON THE GIVEN OFFROADING TRACK AND REACH THE FINISHING LINE IN MINIMUM TIME.



ELIGIBILITY



1.OPEN FOR ALL STUDENTS OF COLLEGE AND UNDERGRADUATE UNIVERSITY STUDENTS.

2. PARTICIPANTS MUST
PARTICIPATE AS A TEAM OF NOT
MORE THAN 04 MEMBERS.

3. CROSS INSTITUTION TEAMS ARE ALLOWED.



ELIGIBILITY



4. A PERSON WILL NOT BE ALLOWED TO REGISTER FOR TWO DIFFERENT TEAMS.

5. EACH OF THE TEAMS MUST HAVE
THEIR OWN SOCCER ROBOT CAR
AND CONTROLLER WHICH MAY ME
WIRED OR WIRELESS. TWO
DIFFERENT TEAMS WILL NOT BE
ALLOWED TO PLAY WITH THE SAME
ROBOT CAR. IF USED, THE TEAM
WILL BE DISQUALIFIED
IMMEDIATELY.



MATCH DETAILS



1. EVERY TEAM WILL HAVE
TO PERFORM INDIVIDUALLY.

2. TEAM MUST FOLLOW ALL
THE RULES AND
REGULATIONS OF THE
RULEBOOK



GENERAL RULES



- 1) THIS IS RACING EVENT SO FASTEST
 AND MOST BALANCED ROBOT WILL WIN.
- 2) ROBOT SHOULD BE AS PER THE GIVEN SPECIFICATIONS.
- 3) EACH TEAM CAN HAVE MAXIMUM
 FOUR MEMBERS. ONLY STUDENTS FROM
 SAME BRANCH CAN FORM A TEAM.



GENERAL RULES



- 4) EACH MEMBER OF THE TEAM MUST CONTAIN THE IDENTITY CARD OF HIS/HER RESPECTED INSTITUTE.
- 5) THE ROBOT SHOULD NOT DAMAGE THE ARENA.
- 6) NO TEST PRACTICE WILL BE ALLOWED ON THE ARENA.
- 7) THE ROBOT MUST NOT LEAVE BEHIND ANY OF ITS PARTS DURING THE RUN; ELSE IT WILL RESULT IN DISQUALIFICATION



GENERAL RULES



8) CERTIFICATES OF PARTICIPATION WILL BE GIVEN TO ALL THE TEAMS THAT WILL PARTICIPATE IN THE EVENT, BUT NOT TO THE TEAMS WHICH GET DISQUALIFIED DUE TO DISOBEYING ANY OF THE COMPETITION RULES.

*STUDENTS ACTIVITY CELL RESERVES THE RIGHT
TO ADD OR UPDATE ANY RULE.

9)UNETHICAL BEHAVIOR COULD LEAD TO
DISQUALIFICATION. JUDGES CO-HAVE ALL THE
RIGHTS TO TAKE FINAL DECISION FOR ANY MATTER
DURING THE EVENT.



ROBOT SPECIFICATION



- 1. BOTS MUST BE WIRED OR WIRELESS.
- 2. USING ANY KIND OF NON-ALLDEVICE IS STRICTLY PROHIBITED AND WILL RESULT IN IMMEDIATE DISQUALIFICATION.
- 3. WIRED OR EXTERNAL POWER SUPPLY IS ALLOWED. MAXIMUM: 12V,10A
- 4. THE MAXIMUM DIMENSION OF THE ROBOT CAN BE 25 CM X 20CM X15 CM
- 5. MAXIMUM WEIGHT MUST NOT EXCEED 3
 KG



ARENA SPECIFICATION



- 1. THE TRACK SURFACE AND COURSE LINE MAY HAVE UNEVENNESS.
- 2. THERE WILL BE CERTAIN OBSTACLES
 IN THE RACE TRACK WHICH WILL TRY TO
 SLOW DOWN THE ROBOT.
- 3. ARENA WILL CONSIST OF SWITCH
 BRIDGE, SPEED BREAKERS, MARBLE PIT,
 SLIPPERY PATH (BY GREASE), ROTATING
 TING DISC,CURVE RAMP DOWN, SEESAW
 ETC.



MATCH DRAW AND DISQUALIFICATION



MATCH DRAW

1. IN CASE OF A DRAW EACH TEAM WILL BE GIVEN ONE EXTRA TRY

2. IF AGAIN IT CAME TO BE A TIE
THEN DECISION WILL BE MADE
ON FURTHER QUALITIES OF THE
ROBOT AND FINAL DECISION WILL
BE MADE BY THE JUDGES.



MATCH DRAW AND DISQUALIFICATION



DISQUALIFICATION

- 1. EVIDENCE OF DISRESPECTING
 TO COMPETITION JUDGES.
- 2. EVIDENCE OF DISRESPECTING SECURITY RULES. 3. EVIDENCE OF DISRESPECTING ANY OPPONENT TEAM MATE. 4. EVIDENCE OF DISOBEYING THE GENERAL RULE



RULES CHANGING DURING COMPETITION



IF A RULE IS FOUND TO CAUSE **SIGNIFICANT NEGATIVE** IMPACT TO THE COMPETITION, THE RULES MAY BE CHANGED FOLLOWING ONLY FOR MAJOR PROBLEMS, AS A LAST OPTION. THE CHANGE MUST BE **APPROVED BY ALL TEAM LEADERS (BY VOTING)**



REGISTRATION



YOU CAN SCAN THE BELOW SCANNER OR CLICK ON THE LINK TO REGISTER

HTTPS://DOCS.GOOGLE.CO
M/FORMS/D/E/1FAIPQLSDO
LVKJK5O0S5ZBJWGEYPESQJSYNOKMCVCVXP
ROBPQLKYLBG/VIEWFORM
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COORDINATOR:-SHIVAM SAKLANI SAKSHI JOSHI.

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