"*Micron*" a circuit design club of Trident Academy of Tecnology, Bhubaneswar invites all the designers to technical fest "UDAYAN-2018" to participate in the circuit design competition "*CIRKITRIX-3*" a design challenger.

STRUCTURE:

PRIZE MONEY:

First Prize: 2000/-   Second Prize: 1500/-

EVENT RULES:

- Teams of two participants only can contest for this event.
- There will be total 3 rounds.
- First round will be elimination round with objective type questions from the fields of very basic electronics/circuit and components.
- Second round will be identifying the given circuit and presenting a detail about it.
- Third round "ready 2 run" will be the judgment round.
- There will be time bonus.
- The software and material required for the circuit will be provided by us.
- Contestants may either contact event coordinators for any query or registration.
- Students may also register on the spot for the event.

ROUND 1: (I SQUARE R)

- Elimination round consisting of 30 MCQs related to very basic electronics/circuit and components.
- There may have some puzzles related to electronics within MCQ.
- Question sheets will be provided to the registered teams on a particular time.
- They will have **20 minutes** to answer the questions and submit the answer sheets.
- Answers have to be written on the same sheet.
- There may be negative marking in some questions. Details will be specified in question sheet.
- Sheets must be submitted within the time limit. No sheets will be accepted after the dead line.
- Submitting the sheet early will benefit the team as time bonus.

- ♣ Time bonus will be considered for tie-breaking between two or more teams.
- ♣ Contestants with best score will be selected for the next round.

ROUND 2: (DESIGN iT)

- ♣ There will be a box with some coupons with circuit designed on it.
- ♣ The contestant will choose any coupon.
- ♣ The contestants are supposed to identify the given circuit.
- ♣ After the identification they are suppose to write the details of the circuit within the given time limit .The details include proper identification of the components used in the circuit, working of the circuit etc.
- ♣ There will be time bonus as well.
- ♣ Correct identification of the circuit together with the components used and aptness of the details about the circuit provided by the contestants
- ♣ The selected members will qualify for round 3

ROUND 3: (READY 2 RUN)

- ♣ In this round the contestant has to simulate the same circuit given in round 2 via proteus-7.1/8.0
- ♣ Contestants will be demonstrated about the software before design.

Judging Criterion:

- ♣ Design of circuit (10)
- ♣ Desired output   (10)
- ♣ Neatness of the implemented circuit (10)

EVENT COORDINATORS:

Faculty Coordinators:

Minu Samantaray (9692304848)

Millie Panigrahi   (9861384420)

Lalit Kumar Kanoje (7205849567)

Nibedita Pati   (9861577993)

Student Coordinators:

Satyajit Mohapatra (8260523094)

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