

TANTRA: Arduino and Raspberry Pi

Tantra is an event to test the embedded system-based programming skills. This event is also divided into two categories junior level and senior level. Initially, participants will be exposed to domain-based questions to check the knowledge and concepts of the core domain; and further they will be pushed forward to debugging and programming aspects related to problem statements and codes. Finally, they will be tested for their logical implementation for specific type of problems. It will test the hardware and software logic skills - both knowledge and implementation. This technical event is a platform to connect industry and academia, especially the future work force. Hence, we solicit support from the esteemed industries to make it more effective and attractive. In the past, many MNCs have happily been associated with this event by being the sponsors/mentors.

REGISTRATION FEES: 40/- per team

TEAM: Maximum 2 members

PRIZE MONEY: 3k, 2k, 1k for each group

GROUPS:

1. Junior level (First year engineering, Second year engineering)
2. Senior level (Third year engineering, Final year engineering)

RULES:

1. Round 1:

Junior group: MCQ related to basics of C,Cpp and Python and few questions related to electronics.

Senior group:MCQ related to different microcontroller like Arduino,RPi,ARM and 8051.

2. Round 2:

Teams scoring maximum marks will be selected for the next round where junior group will have competitive coding problem statement and senior group will have microcontroller based coding