[Techfest](https://techfest.org/)is the annual science and technology festival of Indian Institute of Technology, Bombay. Techfest is known for hosting a variety of events that include competitions, exhibitions, lectures as well as workshops, attracting people from all over the world, including students, academia, corporates and general public.

Started in 1998 with the aim of providing a platform for the Indian student community to develop and showcase their technical prowess, it has now grown into Asia's Largest Science and Technology Festival, with a footfall of over 175,000.

Details of the competition: <https://techfest.org/International%20Full%20Throttle/competition>

Led a team of Five Mechanical Engineers to design a 4-Wheel Drive Racing Prototype for a technical symposium at the Indian Institute of Technology (IIT) - Bombay. Won 1st prize after competing against 200+ competitors.  
  
• Designed a bespoke chassis, fully-adjustable suspension system, and a powerful 2-stroke engine to attain a power/ weight ratio of over 1hp per Kg.   
• Responsible for setting up the suspension, tire selection, and engine tuning to suit individual tracks and weather conditions.  
• Constant development to the engine, steering and suspension system gave us 11 more victories with a win rate of 67%, a national record.

Additional Details: <https://seelio.com/w/3rjk/rc-racing-prototype-for-techfest-iit-bombay>