



BICYCLE DESIGN CHALLENGE - 2020



SAE India Southern Section conducted Bicycle Design Challenge (BCDC) – 2020 for the first time. Students from around 60 colleges across Tamilnadu, Kerala, Andhra Pradesh, Mysore participated in it in teams of 7. The event began by organising two workshops, one in PSG Institute of Technology and Applied Research for the participating teams where the Rulebook was explained and guidelines were given. The objective, the general design requirements for the frame, brakes, transmission and suspension were elucidated.

Four Design reports were asked to be submitted where each report had certain criteria and points pertaining to it. The dynamic events were cancelled owing to the lockdown and a Special Report was to be submitted consisting of the conclusion of design, manufacturing ability and simulation. The reports were evaluated and graded by the engineers of TI Cycles of India.

A valedictory function was organised on 05.12.2020 where results were announced. Team Velocita Racing of PSG Institute of Technology and Applied Research bagged the first place in the design and a cash prize of Rs 10,000.

Category	Team Name	College
Best Design	Velocita Racing	PSG Institute of Technology and Applied Research, Coimbatore
	Targaryens	Kongu Engineering College, Erode
	Team Eureka	Thiagarajar College of Engineering, Madurai
Special Award	Velocipede	Government Engineering College, Thrissur
	The Ace of Spades	Velammal Engineering College, Chennai
	VVE Cycle 2.0	Vidyavardhaka College of Engineering, Mysore.

Faculty Advisor – Mr Senthilvel M

Team:

IIIrd year – Abirammi S

Priya Eswari M

IInd year – Preeya Dharesheni N

Abinandhana G

Gayathri V

Sneha K R

Janani M

