

ASME 2016 IDSC FINALISTS - Finals At ASME IDETC/CIE/AM3D Conference - August 21-24, 2016 - Charlotte, North Carolina

Finalist					
University	Country	Category	Design Simulation Title	Student/Teams/Year at School	Faculty Advisor
IIT Kharagpur	India	Individual	Thermo-mechanical coupled simulation of friction stir welding with experimental validation	Himal Agrawal (Junior)	Dr. Surjya K. Pal
NIT Silchar	India	Individual	Numerical analysis of Coanda ejector for heat sink applications	Sharanga Bora (Junior)	Dr. Sujit Nath
SASTRA University	India	Individual	Finite Element Modelling and Simulation of Fluid Structure Interaction in Micromixers with deformable Baffles	Madhumitha Ravichandran (Junior)	Dr M Venkatesan
Delhi Technological University	India	Individual	Improving High Speed Vehicle Dynamics in Automobiles	D.Harish (Junior)	Dr. Roop Lal
Tribhuvan University Institute of Engineering	Nepal	Team	Design and Optimization of Asymmetric Nozzle and Inlet Geometries of Shock-Induced Combustion Ramjet (Shcramjet) Engine	Nitish Acharya (Team leader); Lokesh Silwal, Sajjan Sharma (All Seniors)	Dr. Sudip Bhattra
B.H.Gardi College of Engineering & Technology	India	Team	Innovative Multiaxis Windmill	Neelam Mittal (Team leader), Robin Ranjan (Both Seniors)	Dr. Amit V. Sata
National Taiwan University	Taiwan (R.O.C)	Team	Soft Transformers: A Versatile Platform for Extreme Shape Transformation	Chih-Yu Chen (Team leader), Hung-Chen Yu, Chien-Yen Hsu (All Juniors)	Dr. Jia-Yang Juang
Delhi Technological Univeristy	India	Team	Design of Multiple Airfoil HAWT Blade using Programming	Salman Javed (Team leader), Farhan Javed (Both Juniors)	Dr. Vikas Rastogi
Notre Dame University	Lebanon	Team	Automated Parking: The Paternoster	Elie Najem (Team leader); Jad Yazbeck; Ziad Rizk (All Seniors)	Dr. Chady Ghnatios
Seoul National University	Korea	Team	Heaven Blade	Jaejeong Shim (Team leader), Chanjin Park (Both Seniors)	Dr. Shin Hyung, Rhee
B.V.Bhoomaraddi College	India	Team	Design and study Of wind solar hybrid system For domestic applications in rural areas	Nikhil Nayak (Team leader), Lohit R B, Anoop N N	Dr.P.P.Revankar
PES University	India	Team	Optimization of Landing gear for UAV applications	Madhavaram Sai Krishna (Team leader), Kishore M N (Both Seniors)	Dr. Dr Suresh Nagesh
B.H Gardi College Of Engineering & Technology	India	Team	Compact Cargo Lifter (C2L)	Rohit Solanki (Team leader-Senior), Devangi Dhandhukiya, Mohit Kamaliya (Both Juniors)	Dr. J.D Lakhani