

The 2019 University Physics Competition Results Announcement – January 13, 2020

We are very pleased to announce the results of the tenth annual University Physics Competition. The University Physics Competition is an international contest for undergraduate students, who worked in teams of up to three students at their home colleges and universities all over the world, and spent 48 hours during the weekend of November 1, 2, & 3, 2019, analyzing an applied scenario using the principles of physics, and writing a formal paper describing their work.

In this year's competition 305 teams submitted papers for judging. 186 teams selected "Problem A – Protecting Travelers to Mars" and 119 teams selected "Problem B – Design a Roller Coaster."

For Problem A, the Gold Medal Winning Teams were:

Team 105: Alankit Dey
Institution: University of Delhi
Faculty Sponsor: Sachin Kumar

Team 289: Asif Billah, Aroni Ghosh, & Mrinmoy Kundu
Institution: Bangladesh University of Engineering and Technology
Faculty Sponsor: Rajat Chakraborty

Team 343: Zhou Xingxu, Ye Hexin, & Xie Shenyuan
Institution: National University of Defense Technology
Faculty Sponsor: Liu Yonglu

For problem B, the Gold Medal Winning Teams were:

Team 190: Fang Yigao, Chen Siyi, & Shen Qi
Institution: Shanghai Jiao Tong University/Joint Institute
Faculty Sponsor: Mateusz Krzyzosiak

Team 389: Gao Xiaoxu, Ma Yingjie, & Cai Shengxun
Institution: Qingdao University
Faculty Sponsor: Peng Zou

Of the 305 papers submitted in the 2019 University Physics Competition, 5 teams (1.6%) were ranked as Gold Medal Winners, 60 teams (20%) were ranked as Silver Medal Winners, 83 teams (27%) were ranked as Bronze Medal Winners, and 157 teams (51%) were ranked as Accomplished Competitors.

We extend our sincerest congratulations to each of the competing teams for their excellent work and their enthusiasm for physics!

Kelly S. Cline
Carroll College; Helena, MT
Director of the University Physics Competition
director@uphysicsc.com
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Problem A: Protecting Travelers to Mars

Team	Sponsor/Students	Institution	Prob.	Rank
105	Sachin Kumar Alankit Dey	University of Delhi	A	Gold Medal
289	Rajat Chakraborty Asif Billah, Aroni Ghosh, Mrinmoy Kundu	Bangladesh University of Engineering and Technology	A	Gold Medal
343	Liu Yonglu Zhou Xingxu, Ye Hexin, Xie Shenyuan	National University of Defense Technology	A	Gold Medal
109	Alfredo Aranda Francisco Castillo-Lona, Diego Ibarra-Hoyos, Jos Alberto Navarro-Serratos	Universidad de Colima	A	Silver Medal
112	Zulfiqar Hasan Khan Safwan Araf Alvey, Mohammad Tanvir Akmal, Zubayer Al Siddiki	University of Dhaka	A	Silver Medal
115	Pooja Singh Anand Raj Scott, Pushkar Kolhar, Ganesh Kumar Reddy Bommavaram	IIAE Dehradun	A	Silver Medal
116	Yang Jun Tian Zhiyuan, Feng Kai, Dong Yida	Southern University of Science and Technology	A	Silver Medal
117	Shao Weiquan Wang Shixin, Kang Yifan, Xu Hao	Qingdao University	A	Silver Medal
123	Shyamal Ranjan Chakraborty Mark Anthony Bromuela, Fouzia Sharmin, Sharmin Akter	University of Chittagong	A	Silver Medal
124	Md. Wahadoszamen Shuvodip Barua, Tasnim Akbar Faruquee, Asif Rakib	University of Dhaka	A	Silver Medal
126	Bing Liu Zhe Yuan, Guixu Xie, Wenge Qin	Qingdao University	A	Silver Medal
128	Xiaoguang Li Yuzhen Song, Zhi Lin, Guijian Pang	Shenzhen University	A	Silver Medal
151	Kamal Hossain Md. Mubtasim Fuad, Wasti Murad	Jahangirnagar University	A	Silver Medal
157	Wang Ya Ru Zheng Kang, Wang Si Ran, Sui Yuhang	Civil Aviation University of China	A	Silver Medal
158	Shyamal Ranjan Chakraborty Md. Mehedy Hasan Tanvir, Nur Mohammed Imran, Md. Anisur Rahman	University of Chittagong	A	Silver Medal
177	Maojin Yun Jiahao Ge, Fan Yang, Xiaoman Li	Qingdao University	A	Silver Medal
183	Yanqiang Li Zhongcen Sun, Changde Song, Defa Wang	Qingdao University	A	Silver Medal
185	Que Le Dat Nguyen, Trang Nguyen, Bao Truong	Vietnam National University	A	Silver Medal
235	Jing Chen Zhiwen Li, Lei Shi, Nan Zheng	Officers College of PAP	A	Silver Medal
266	Nicole Ackerman Emma Shaw, Furyal Ahmed, Abigail Harden	Agnes Scott College	A	Silver Medal
279	Xi Chen Yuhan Hou, Demin Li, Yezhang Li	Xian Jiaotong-liverpool University	A	Silver Medal
286	Harish Parthasarathy Parth Hemant Darekar, Tushar Arora, Nakul Aggarwal	Netaji Subhas Institute of Technology	A	Silver Medal

287	Andrew Frey Tim Coates, Kiera Augusto, Michael Grehan	University of Winnipeg	A	Silver Medal
290	Rajat Chakraborty Ankan Ghosh Dastider, Swapnil Saha, Mumtahina Islam Sukanya	Bangladesh University of Engineering and Technology	A	Silver Medal
305	Jianwei Zhang Heyu Ma, Tengzhou Zhang, Yueyang Min	Tongji University	A	Silver Medal
309	Kai Fang Taimin Wang, Yifan Wang, Yi Huang	Tongji University	A	Silver Medal
314	Mateusz Krzyzosiak Xingjian Zhang, Shijie Zhong, Zhehao Yu	Shanghai Jiao Tong University	A	Silver Medal
321	Yu Tongpu Wang Zeyuan, Lei Xiaodong, Hei Mengzhe	National University of Defense Technology	A	Silver Medal
329	Wang Yu Wangyiqing, Luo Zhixiang, Meng Ke	National University of Defense Technology	A	Silver Medal
335	Wang Yu Sun Yuhang, Qu Zhihao, Zhang Bowen	National University of Defense Technology	A	Silver Medal
345	Ralph Pudritz Kian Yousefi Kousha, Akash Shetty, Nicholas Sullivan	McMaster University	A	Silver Medal
380	Rana Mukherji Jaipur”, Kshitij Pandey	The ICFAI University	A	,Silver Medal
382	Md. Jafrul Islam Tanvir Hossain Sefat, Abdur Rahman, Musfiqur Rahman Pavel	University of Dhaka	A	Silver Medal
394	Jaseer Ahmed MD. Mamun Hossain Nahid, Swarup Podder, MD. Salauddin Kadir Shakil	Shahjalal University of Science and Technology	A	Silver Medal
398	Md Enamul Hoque Md. Shamim Hossain, Tamsi Ali	Shahjalal University of Science and Technology	A	Silver Medal
402	Wojciech Dominik Lukasz Biaas, Wiktor Kranicki, Anna Olechowska	University of Warsaw	A	Silver Medal
416	Chen Xuan Zihan Liu, Zihan Zhou, Yufei Fan	Xi'an Jiaotong-Liverpool University	A	Silver Medal
420	Veysi Erkan Ozcan Yasin Sonmez, Batuhan Keskin, Umut Eren Ustural?	Bogazici University	A	Silver Medal
430	Tai-jun Chen Yinwanli Wang, Ran Zhang, Siyuan Chen	Xi'an Jiaotong-Liverpool University	A	Silver Medal
431	Liyanqiang Yangtianyu, Like, Shihongkui	Qingdao University	A	Silver Medal
101	Md. Wahadoszamen Md Soyaib Hossain Sohag, Sarker Md. Sadman, Md Thouhidur Rashid	University of Dhaka	A	Bronze Medal
102	Wangsuo Xia Boyang Su, Yiyang Zhou, Zhihui Wang	China University of Mining and Technology	A	Bronze Medal
111	Md. Wahadoszamen Ahmed Farhan Ishraque, Al Abrar Islam, Md. Hossain Kamal	University of Dhaka	A	Bronze Medal
113	Abhinav Gupta Binayyak Bhusan Roy, Chaitanya Varma, Rahul Mallikarjun	University of Delhi	A	Bronze Medal
132	Hu Yanmin Zhang Jiacheng, Tian Zeyu, Sun Guowei	Civil Aviation University of China	A	Bronze Medal
145	Shao-Meng Qin	Civil Aviation University of China	A	Bronze Medal

	Yu-Zou, Chan-Ying Xie, Chen-Lu Yu		
159	Alfredo Aranda Alondra Torres, Eduardo Gazpar, Gabriel Jacobo	Universidad de Colima	A Bronze Medal
167	Thijs Kouwenhoven Yudi.Gan, Hanzhe.Lu, Tianxin.Li	Xi'an Jiaotong-Liverpool University	A Bronze Medal
174A	Qin Zhe Hu Cheng Xu, Ma Tian Yi, Zhong Rui Yang	Civil Aviation University Of China SIAE	A Bronze Medal
175	Li Yanqiang lv Wenxin, Du Kefan, Wang Chengmeng	Qingdao University	A Bronze Medal
187	Jakub Zakrzewski Rafal Bistron, Patryk Czudak, Krzysztof Musial	Jagiellonian University	A Bronze Medal
210	Niao Bo Tingxuan Zhu, Liwei Lin, Tianhui Gu	Officers College of PAP	A Bronze Medal
218	Meng Xiao Junqi Qin, Yiheng Zhang, Lingxi Kong	Officers College of PAP	A Bronze Medal
220	Meng Xiao Tianyu Huang, Zijie Liang, Chao Xiang	Officers College of PAP	A Bronze Medal
224	Lingling Gao Yongfu Chen , Wenbin Yin, Hongwei Kang	Officers College of PAP	A Bronze Medal
240	Jing Chen Qiyi Wan, Ming Cheng, Xianming Peng	Officers College of PAP	A Bronze Medal
251	E Zhang Wangyu Chen, Qifeng Luo, Yannan Chen	Officers College of PAP	A Bronze Medal
258	Chunhua Zheng Zhaoren Chen, Xiaoping Zhang, Yuhang Yang	Officers College of PAP	A Bronze Medal
261	Chunhua Zheng Gongyong Wu, Shihao Xia, Di Zhao	Officers College of PAP	A Bronze Medal
263	Tai-Jun Chen Rong Xia, SiYu Xing, Zhufeng Gao	Xi'an Jiaotong-Liverpool University	A Bronze Medal
264	Nicole Ackerman Ruoyi Wang, Ting Xue, Yunfan Guan	Agnes Scott College	A Bronze Medal
268	Maria Elena Tejada-Yeomans Dario Chaires-Arciniega, Andrea Rodriguez-Hernandez, Enrique Josue Ruiz-Mancilla	Universidad de Colima	A Bronze Medal
271	Peter Schupp Bibek Bhujel, Cristian Emiliano Godinez Ramirez, Deepak Aryal	Jacobs University Bremen	A Bronze Medal
278	Mateusz Krzyzosiak Wang Hanyu, Dong Yulong, Taeyon Kim	Shanghai Jiao Tong University	A Bronze Medal
288	Yan Zhao Jingqun Zhang, Xiuyuan Xu, Wenchang Du	XJTLU	A Bronze Medal
291	Si Li Dijun Liao, Zhenli Mao, Zijian Yang	University of Liverpool	A Bronze Medal
298	Hao Yu Luo Haochen, Guo Zesong, Jin Chenjia	Xi'an Jiaotong-Liverpool University	A Bronze Medal
300	Yuzhong Zhang Yibo Liu, Zhichun Zhang	Tongji University	A Bronze Medal
302	Yuzhong Zhang Zhiyuan Ma, Mingyang Li, Haicheng Wang	Tongji University	A Bronze Medal

304	Jianwei Zhang Weijie Xu, Hongkun Li, Xiaolong Yang	Tongji University	A	Bronze Medal
307	Kai Fang Xinmiao Xiong, Mingyang Zhu, Xiangjian Qian	Tongji University	A	Bronze Medal
313	Niels Gresnigt Ziqian Li, Wang Yi, Kexin Sun	XJTLU	A	Bronze Medal
316	Yu Tongpu Pan Zhiliang, Wang Xiangsheng, Liu Mei	National University of Defense Technology	A	Bronze Medal
318	Yu Tongpu Han Hao, Guo Yanting, Shou Jiahuan	National University of Defense Technology	A	Bronze Medal
319	Yu Tongpu Lai Jingdong, Li Yong, Tian Runkun	National University of Defense Technology	A	Bronze Medal
322	Yu Tongpu Pan Yongqi, Chen Qiuyu, Zhang Chongfa	National University of Defense Technology	A	Bronze Medal
327	Yu Tongpu Xu Bihao, Li Nanjun, Meng Fanxin	National University of Defense Technology	A	Bronze Medal
332	Wang Yu Wang Yiming, Wu Wei, Cai Yiqing	National University of Defense Technology	A	Bronze Medal
340	Liu Yonglu Hu Yimin, Chen Xianglin, Yang Shangyu	National University of Defense Technology	A	Bronze Medal
341	Liu Yonglu He Han, Li Binhao, Chen Chaolei	National University of Defense Technology	A	Bronze Medal
358	Cristian Bahrim Travis Lane, Wesley Lewis, Frederick Donahey	Lamar University	A	Bronze Medal
359	Muhammed Enamul Haque Wasim Kamal, Fazle Rabbi Khan Joy	Shahjalal University of Science and Technology	A	Bronze Medal
365	Yifei Lou Samiha Sharif, Yusuf Ahsoullah, Maria Gavrilovic	The University of Texas at Dallas	A	Bronze Medal
371	Reinard Primulando Rizki Budiman, Diven, Amira Puti Hudiya	Parahyangan Catholic University	A	Bronze Medal
375	Li Yanqiang Peng Yuming, Lv Xiaoxiao, Teng Miao	Qingdao University	A	Bronze Medal
384	Shyamal Ranjan Chakraborty Raeed Nawaf, Mohammad Saeed Hossain, Mohammad Nahiyen Sajjad	University of Chittagong	A	Bronze Medal
399	Abdul Hannan Shahriar Pollob, Samiul Ehsan Shafin, Shahriar Abedin	Shahjalal University of Science and Technology	A	Bronze Medal
400	Feng Yuan Zhen Wang, Haotian Chen, Zhaonian Xu	Qing Dao University	A	Bronze Medal
407	Wojciech Dominik Mihai Suster, Zofia Dziekan, Pawel Sidorczak	University of Warsaw	A	Bronze Medal
422	Jaseer Ahmed Umme Fariha Nowrin, Badrunnesa Takia	Shahjalal University of Science and Technology	A	Bronze Medal
110	Geetanjali Sethi Reuel Dsouza, Neil Poddar, Dhruv Tiwari	St. Stephen's College, University of Delhi	A	Acc. Competitor
114	Md. Wahadoszamen Md. Jakaria Zahid Islam	University of Dhaka	A	Acc. Competitor
140	Hu Yanmin	Civil Aviation University of China	A	Acc. Competitor

	Cui Xiuyuan, Luo Yifan, Meng Weishuai			
141	Andrey Ipatov	Peter the Great St. Petersburg Polytechnic University	A	Acc. Competitor
	Kostitsin Eugeny, Karpova Darya, Semyon Yurchenko			
142	Andrey Ipatov	Peter the Great St. Petersburg Polytechnic University	A	Acc. Competitor
	Ilya Baranovsky, Anton Bogdanov, Nikita Zemlyakov			
143	Andrey Ipatov	Peter the Great St. Petersburg Polytechnic University	A	Acc. Competitor
	Andrey Durnev, Fedor Kondratenko, Veronika Malysheva			
146	Jaseer Ahmed	Shahjalal University of Science and Technology	A	Acc. Competitor
	Sk Nafis Akbar, Ankan Das, Md Tashin Ahammad			
147	Kamal Hossain	Jahangirnagar University	A	Acc. Competitor
	Hamidur Rahman, Aymaan Fyroz, Ahmad Abdullah Rifat			
148	Kamal Hossain	Jahangirnagar University	A	Acc. Competitor
	Rahil Afzal Nihal, Md. Al-Amin, Ashraful Nushrat			
150	Kamal Hossain	Jahangirnagar University	A	Acc. Competitor
	Ishtiaque Ahmed Sayef , Md Mahmud, Sayedul Hasan			
152	Kamal Hossain	Jahangirnagar University	A	Acc. Competitor
	Shaswati Majumdar, Sumiya Khan Sujana, Farjana Mahajabin			
153	Kamal Hossain	Jahangirnagar University	A	Acc. Competitor
	Nusrat Jahan Faizah, Sangeeta Kundu, Adila Nusrat Shifa			
154	Kamal Hossain	Jahangirnagar University	A	Acc. Competitor
	Nabil Shad Shameem, Shanto Das, Uparna Singha			
155	Kamal Hossain	Jahangirnagar University	A	Acc. Competitor
	Akash Kumer Paul, Md.Rony Hossain, Sujon Rana			
160	Lin Jie	Civil Aviation University of China	A	Acc. Competitor
	Liu Xu, Du Hang, Huang Xinyi			
161	Xi Chen	Xi'an Jiaotong-Liverpool University	A	Acc. Competitor
	Haoxuan Li, Taowen Gong, Siheng Song			
163	YanMin Hu	Civil Aviation University Of China	A	Acc. Competitor
	YuAng Zhao, Sen Lin, HengYI Zhu			
164	Xiaoying Pang	Xi'an Jiaotong-Liverpool University	A	Acc. Competitor
	Runkai Wang, Chenran Li, Ruolin Wang			
166	Chen Xuan	Xi'an Jiaotong-Liverpool University	A	Acc. Competitor
	Zhitong Chen, Zhiang Chen, Mengni Yang			
172	Luis Enrique Garza Gaona	Universidad de Colima	A	Acc. Competitor
	Monica Valeria Martinez Rodriguez, Felipe Noguera Rodriguez, Moises Gomez Solis			
182	Arijit Kundu	IIT Kanpur	A	Acc. Competitor
	Aryaman Jha, Aamir Ahmad Makki, Ashwin Girish			
186	Peter Schupp	Jacobs University Bremen	A	Acc. Competitor
	Carmelo Ortiz IV, Roshan Shah, Lalit Chaudhary			
194	Diptarka Das	Indian Institute of Technology Kanpur	A	Acc. Competitor
	Parivesh Choudhary, Tanay Saha, G Kaanapuli Ramkumar			
196	Yi Tang	Officers College of PAP	A	Acc. Competitor
	Yunjie Xia, Xing Zou, Zeyu Zhang			
197	Yaqiong Guo	Officers College of PAP	A	Acc. Competitor
	Tao Li, Zeyang Chen, Ruijie Mao			
198	Yaqiong Guo	Officers College of PAP	A	Acc. Competitor
	Ruixuan Wang, Xing Wei, Zhipeng Hu			

199	Yaqiong Guo ShenkaiYan, Liubang Jiang, Can Chen	Officers College of PAP	A	Acc. Competitor
200	Yang Yang Kai Zhu, Lianjun He, Zhun Tan	Officers College of PAP	A	Acc. Competitor
203	Qiming Du Zeshun Chen, Jie Yao, Yuanmin Yang	Officers College of PAP	A	Acc. Competitor
204	Qiming Du Ruilun Bai, Zhiwen Hu, Wenjun Liu	Officers College of PAP	A	Acc. Competitor
205	Qiming Du Naiquan Zhong, Jingkai Zhou, Yang Xie	Officers College of PAP	A	Acc. Competitor
208	Qiming Du Luetao Cao, Tianyi Cai, Zhibo Hu	Officers College of PAP	A	Acc. Competitor
212	Niao Bo Xuan Zhou, Wenhuan Ye, Zewei Wu	Officers College of PAP	A	Acc. Competitor
214	Niao Bo Yiming Cai, Haotian Zeng, Jie Xiang	Officers College of PAP	A	Acc. Competitor
217	Meng Xiao Hao Wu, Lingzhi Shen, Jinpeng Zhu	Officers College of PAP	A	Acc. Competitor
221	Lingling Gao Bingkai Guo, Shijie Wan, Chao Yang	Officers College of PAP	A	Acc. Competitor
223	Lingling Gao Xiao Wang, Jian Li, Hongjie Chen	Officers College of PAP	A	Acc. Competitor
225	Lingling Gao Zhimin Guo, Binliang Zhu, Jianfeng Shi	Officers College of PAP	A	Acc. Competitor
226	Lingling Gao Xinyue Wang, Xingji Chen, Hongxing Yang	Officers College of PAP	A	Acc. Competitor
229	Lingling Gao Chuan Wei, Qi Wang, Huitong Wu	Officers College of PAP	A	Acc. Competitor
231	Lingling Gao Longquan Li, Ruizhe Sun, Weitao Lin	Officers College of PAP	A	Acc. Competitor
232	Lingling Gao Han Li, Tiannan Bao, Songmao Dong	Officers College of PAP	A	Acc. Competitor
234	Li Huang Weijun Wang, Kai Peng, Fengjie He	Officers College of PAP	A	Acc. Competitor
236	Jing Chen Peng Chen, Biao Liu, Jie Huang	Officers College of PAP	A	Acc. Competitor
238	Jing Chen Linjun Li, Yu Hong, Hongping Zhang	Officers College of PAP	A	Acc. Competitor
241	Jing Chen Changji Li, Weihao Chen, Jie Feng	Officers College of PAP	A	Acc. Competitor
242	Jie Yang Yucheng Pan, Liangquan Yang, Zhi Cai	Officers College of PAP	A	Acc. Competitor
244	Huihui Zhuang Jian Yang, Gangtian Fan, WeiFan Lin	Officers College of PAP	A	Acc. Competitor
245	Huihui Zhuang Suqi Chen, Zeyang Yu, Yuling Song	Officers College of PAP	A	Acc. Competitor
248	Fengfeng Liu	Officers College of PAP	A	Acc. Competitor

	Zexin Huang , Fei Li, Hanchang Lv		
249	Fengfeng Liu Zilong He, Ziyuan Ni, Bowen Zhang	Officers College of PAP	A Acc. Competitor
250	E Zhang Rongqi Xu, Zhiquan Zhan, Yiming Zhou	Officers College of PAP	A Acc. Competitor
252	E Zhang Rui Shen, Wei Tang, Zhiqiang Bao	Officers College of PAP	A Acc. Competitor
255	Chunhua Zheng Qiqin Ren, Jiewen Zheng, Zhihao Li	Officers College of PAP	A Acc. Competitor
256	Chunhua Zheng Sheng Li, Yuting Li, Dazong Lin	Officers College of PAP	A Acc. Competitor
257	Chunhua Zheng Zili Gao, Qingyi Gao, Achao Huang	Officers College of PAP	A Acc. Competitor
259	Chunhua Zheng Yuchen Wang, Jingrui Zhang, Xuan Liu	Officers College of PAP	A Acc. Competitor
260	Chunhua Zheng Xunyan Wang, Jiaxin Jia, Nan Xie	Officers College of PAP	A Acc. Competitor
267	Dario Niebieskikwiat Ricardo Escobar, Daniel Bustamante, Marcelo Anda	Universidad San Francisco de Quito	A Acc. Competitor
269	Maria Elena Tejada-Yeomans Yael Armando Deniz Hernandez, Jose de Jesus Gaitan Montejo, Juan Ramiro Salazar Adame	Universidad de Colima	A Acc. Competitor
272	Diptarka Das Yawar Altaf, Nishan CJ, Netravat Pendsey	Indian Institute of Technology Kanpur	A Acc. Competitor
284	Aaron Wade Benny Schundelmier, Daniel Duong, Samuel Mills	University of West Florida	A Acc. Competitor
292	Sathya Sheela S Aravind . N, Deepthi Narasimhan, Vinit Ravichandran Iyer	Jain University Bangalore	A Acc. Competitor
295	Xiaoying Pang Jiayi Li, Ouyang Ji, Kailai Lian	Xian Jiaotong-Liverpool University	A Acc. Competitor
297	Weiyuan Zhang Weiqian Shu, Xinning Zhao, Yuhao Wu	Sichuan Normal University	A Acc. Competitor
303	Jianwei Zhang Penghao Yuan	Tongji University	A Acc. Competitor
312	David Olsgaard Jacob Austin, Kade Tatkenhorst, Zach Kreider	Simpson College	A Acc. Competitor
320	Yu Tongpu Zhang Bingxu, Cao Tianruo, Chen Quanlin	National University of Defense Technology	A Acc. Competitor
323	Yu Tongpu Yan Zixin, Gong Chen, Xie Zhitan	National University of Defense Technology	A Acc. Competitor
325	Yu Tongpu Shen Tianrui, Si Yuehang, Wang Zichen	National University of Defense Technology	A Acc. Competitor
333	Liu Yonglu Ji Xuekun, Xu Yuntao, Dai Guibao	National University of Defense Technology	A Acc. Competitor
336	Liu Yonglu Wang Zhanyan, Li Fuqiang, Zhang Junjie	National University of Defense Technology	A Acc. Competitor
337	Liu Yonglu Long Xiang, Guo Yuetong, Zhang Jiaxing	National University of Defense Technology	A Acc. Competitor

344	Liu Yonglu Jiang Yongrui, Yang Jinbo, Xu Kaixuan	National University of Defense Technology	A	Acc. Competitor
357	David Olsgaard Ian Dean, Cole Jacobsen, Nathan Magalhaes	Simpson College	A	Acc. Competitor
360	Wasif Ahmed Oishik Ahmed Rakin Kamal, Shaikot Jahan Shuvo, Mishaal Hai	BRAC University	A	Acc. Competitor
362	Thijs Kouwenhoven Xiaoyi Cheng, Chengmurong Ding, Xinlu Xu	XJTLU	A	Acc. Competitor
367	Muhammad Omar Faruk Arka Talukder, Sheikh Md Humayed Habib, Md Abdul Kaium	Shahjalal University of Science and Technology	A	Acc. Competitor
368	Md Enamul Hoque Md Imran Khan, Fatema Tuz Zohora, Deen Mohammad	Shahjalal University of Science and Technology	A	Acc. Competitor
370	M. Arifin Dobson Regita Athalia, M. Iqbal Andryan	Parahyangan Catholic University	A	Acc. Competitor
373	Ponkog Kumar Das Sumit Karmakar, Md. Nafis Hasan Ferdous, Md. Adnan Bhuyian	Shahjalal University of Science and Technology	A	Acc. Competitor
377	James Valles Liam Storan, Adam Furman, Ding Ding Wei	Brown University	A	Acc. Competitor
385	Abdul Hannan Taherin Hoq, Mumtahina Ferdous, Jahura Akter Meem	Shahjalal University of Science & Technology Sylhet	A	Acc. Competitor
386	Yang Jun LYU Hangyu, Deng Xintan	Southern University of Science and Technology	A	Acc. Competitor
387	Daniel Colquitt Yudongfang Qin, Yufu Cao, Tingdu Cao	University of Liverpool	A	Acc. Competitor
390	Li Yanqiang Geng Yujia, Qiao Liwei, Li Qingzi	Qingdao University	A	Acc. Competitor
391	YanQiang Li Song Huang, Xiaoming Liu, Guobin Yu	QingDao university	A	Acc. Competitor
392	Li Yanqiang Caoyang, Zhangyue, Wangle	Qingdao University	A	Acc. Competitor
395	Ke Wencai Li Shanyang, Wang Shuheng, Xuting Yang	XJTLU	A	Acc. Competitor
401	Shaou Chen Xiaoming Cheng, Renhong Wang, Miao Shao	Qindao University	A	Acc. Competitor
406	Wojciech Dominik Ptryk Szlufik, Marek Sokolowski, Jerzy Denisiewicz	University of Warsaw	A	Acc. Competitor
409	Shyamal Ranjan Chakraborty Abdullah Al Mamun, Monir Alam, Saifullah Masum	University of Chittagong	A	Acc. Competitor
415	Ponkog Kumar Das Md Didarul Islam, Shadman Shakib, Adnan Sahriar	Shahjalal University of Science & Technology	A	Acc. Competitor
417	Saleh Hasan Naqib Sunzida Parvin Prity	Rajshahi University	A	Acc. Competitor
424	Ed Greco Danshyl Boodhoo, Somil Joshi, Chesson Sipling	Georgia Inst of Technology	A	Acc. Competitor
432	Anisha Rastogi	Kalindi College, University of Delhi	A	Acc. Competitor

Problem B: Design a Roller Coaster

Team	Sponsor/Students	Institution	Prob.	Rank
190	Mateusz Krzyzosiak Fang Yigao, Chen Siyi, Shen Qi	Shanghai Jiao Tong University/Joint Institute	B	Gold Medal
389	Peng Zou Gao Xiaoxu, Ma Yingjie, Cai Shengxun	Qingdao University	B	Gold Medal
103	Wangsuo Xia Qianshun Dai, Qi Zhu, Letong Yuan	China University of Mining and Technology	B	Silver Medal
104	A K Nandakumar Shradha Ramakrishnan, Athul Dev, Ananthasrinivasan L	Amrita Vishwa Vidyapeetham	B	Silver Medal
106	John Sanders Patrick Babb, James Barnett, Mitchell Kitazumi	California State University, Fullerton	B	Silver Medal
108	Goshtha Gopal Biswas Robi Shanker Howlader, MD Abdus Sami Aknda, Zubaida Karim Juthy	Khulna University	B	Silver Medal
118	John Martin Boris Martin, Guillaume Neuttiens, Max Mignolet	University of Liege	B	Silver Medal
170	Wen Li Zhendong Zhong, Yunxuan Zhang, Ziyi Gong	Civil Aviation University Of China	B	Silver Medal
176	Jun Yang Xiao Duan, Lingfei Wang, Haiwen Zhong	Southern University of Science and Technology	B	Silver Medal
178	Myoung-Hwan Kim Shreyesh Arangath, Ian Garcia, Cristobal Moreno	Texas Tech University	B	Silver Medal
189	Li Yanqiang Liu Xu, Li Xinyu	Qingdao University	B	Silver Medal
191	Luis Enrique Garza Victoria Guadalupe Valdez Prudencio, Jose Luis Valdez Seda, Miguel Angel Soto Alcaraz	Universidad de Colima	B	Silver Medal
265	Nicole Ackerman Ariba Khan, Natalia Garza Navarro, Nimco Cabdiraxmaan Yuusuf	Agnes Scott College	B	Silver Medal
274	Dip Joti Paul Prasun Datta, Md. Saklain Morshed, Md. Maisoon Rahman	Bangladesh University of Engineering and Technology	B	Silver Medal
277	Hu Xuelan Ma Yiming, Wang Xiaolu, Sun Xiaoqing	Civil Aviation University of China	B	Silver Medal
281	Yifei Lou Jared Siller Ramos, Eric Duan, Niko Laohoo	The University of Texas at Dallas	B	Silver Medal
282	Tomoki Ohsawa Aditya Agrawal, Alex Taylor, Destiny Salcido	The University of Texas at Dallas	B	Silver Medal
283	Md Zunaid Baten Mortuza Minhaj Chowdhury, Md Saheed Ullah, Mohammad Rayhan Al Mahmud Rifat	Bangladesh University of Engineering and Technology	B	Silver Medal
324	Yu Tongpu Wang Chenyang, Xiong Kaili, Zhang Wenyu	National University of Defense Technology	B	Silver Medal
330	Wang Yu Tang Binbin, Shi Yixin, Lu Jingtian	National University of Defense Technology	B	Silver Medal
334	Liu Yonglu Liu Shirong, Li Yongjiang, Xing Tianyi	National University of Defense Technology	B	Silver Medal
356	David Olsgaard Cole Sigler, Lauren Villafuerte, Daniel Camacho	Simpson College	B	Silver Medal

388	Mingjun Tang Zhiqiang Han, Yishan Hu, Yu He	Sichuan Normal University	B	Silver Medal
404	Wojciech Dominik Filip Bojdecki, Marek Wesołowski, Kuba Krawczyk	University of Warsaw	B	Silver Medal
412	Matuesz Krzyzosiak Dong Juechu, Zhang Haoyang, Chen Yanjun	Shanghai Jiao Tong University/Joint Institute	B	Silver Medal
120	Rakibur Rahman Suptajoy Barua , Md. Abdulla Sayem, Ahmad An-Naba	University of Dhaka	B	Bronze Medal
125	Alexey Matronchik Egor Sozinov, Berezin Arseny, Muzhichkov Nikita	National Research Nuclear University	B	Bronze Medal
129	Alexander J. Stuart Diego Tenoch Morales, Ari Salvador Moreno, Carlos Enrique Salazar	Universidad de Colima	B	Bronze Medal
136	Mario Cosenza Domenica Garzon, Darwin Tallana, Jennifer Sanchez	Yachay Tech	B	Bronze Medal
137	Long Bai Chengyuan Chen, Xing Huang, Hongchang Cui	China University of Mining and Technology	B	Bronze Medal
138	Hu Xuelan Qiu Xinghan, Chen Zhuofu, Ma Shiyao	Civil Aviation University of China	B	Bronze Medal
149	Kamal Hossain Mehnaz Mostafee Orani, Susmita Tarofder, S.M Hasibul Hassan Rizvee	Jahangirnagar University	B	Bronze Medal
173	Hu Yanmin Hua Rui, Li Mufan, Xie Weiwei	Civil Aviation University of China	B	Bronze Medal
201	Xiumin Liu Jiaping Shen, Yousong Cao, Liangliang Ji	Officers College of PAP	B	Bronze Medal
209	Peng Sun Rui Xiao, Anyang Lu , Tian Tan	Officers College of PAP	B	Bronze Medal
222	Lingling Gao Shenkai Liu, Xinli Huang, Jiawei Li	Officers College of PAP	B	Bronze Medal
227	Lingling Gao Yan Gao, Peng Zhang, Rui He	Officers College of PAP	B	Bronze Medal
233	Lingling Gao Longbin Gao, Tianlong Hu, Yongbin Lin	Officers College of PAP	B	Bronze Medal
270	Maria Elena Tejada-Yeomans Viridiana Abigail Marquez Davila, Rafael Morales Jimenez, Itzelli Salazar Segovia	Universidad de Colima	B	Bronze Medal
296	Pascal Grange Hongyi.Wang, Feiyang.Wang, Yufei.Qian	Xian Jiangtong Liverpool University	B	Bronze Medal
299	Yuzhong Zhang Ruiibo Wang, Guorui Zhao, Chunmin Liu	Tongji University	B	Bronze Medal
301	Yuzhong Zhang Xinpeng Wang, Shuang Wu, Linyuan Dou	Tongji University	B	Bronze Medal
308	Kai Fang Zhibo Xu, Zhichen Ren, Chenwei Ruan	Tongji University	B	Bronze Medal
315	Peng Gang Chen Shenglin, Deng Jiewen, Li Wenyu	National University of Defense Technology	B	Bronze Medal
317	Yu Tongpu Chen Huifeng, Liu Mingjiang, Li Zeyue	National University of Defense Technology	B	Bronze Medal
326	Yu Tongpu	National University of Defense Technology	B	Bronze Medal

	Qiao Chenyuan, Zhang Zehua, Quan Wenxin		
338	Liu Yonglu National University of Defense Technology	B	Bronze Medal
	Ni Xiaocheng, Niu Yaoqian, Peng Runlong		
342	Liu Yonglu National University of Defense Technology	B	Bronze Medal
	Wang Liwen, Zhao Jiaqi, Zhang Yunxiang		
347	Niels Gresnigt Xian Jiaotong Liverpool University	B	Bronze Medal
	Wang.Ketian, Li.Zhuoyuan, Chen.Yuzheng		
349	Hu Xuelan Civil Aviation University of China	B	Bronze Medal
	Li Chunxiao, Guo Shuhan, Sang Le		
351	Yaru Wang Civil Aviation University of China	B	Bronze Medal
	Po Hu, Fengyu Yang, Yubo Zhao		
355	Xi Chen Xi'an Jiaotong- Liverpool University	B	Bronze Medal
	Haoyi Fan, Yechengnuo Zhang, Ni Cao		
364	Md. Wahadoszamen University of Dhaka	B	Bronze Medal
	Nishat Anzum Adyar, Anushree Sarkar, Raisa Nawar Saleh		
378	Rajat Chakraborty Bangladesh University of Engineering and Technology	B	Bronze Medal
	Tanshia Tahreen Tanisha, Marzia Khan, Nishat Tasnim Hiramony		
379	Pascal Grange Xi'an Jiaotong-Liverpool University	B	Bronze Medal
	Haiyang Li, Zhengxing Li, Chengying Wang		
396	Mingjun Tang Sichuan Normal University	B	Bronze Medal
	Jiayao Liu, Zejun luo, Ting Qing		
408	Wojciech Dominik University of Warsaw	B	Bronze Medal
	Wojciech Przybylski, Mateusz Kulejewski, Lukasz Majsiak		
414	Showmik Singha Shahjalal University of Science and Technology	B	Bronze Medal
	Hossain Roshid Mahmud, Nymul Hasan Fahim, Afif Hassan Chowdhury		
122	Anjue Mane Ara Jagannath University	B	Acc. Competitor
	Rafiqul Islam, Shahadat Hossain, Salvin Mustakim		
127	Ramon Reigada Universitat de Barcelona	B	Acc. Competitor
	Joaquin Vigara Molejon, Albert Buxo Velasco, Alberto Iglesias Alonso		
131	Kinjal Banerjee BITS Pilani, K.K. Birla Goa Campus	B	Acc. Competitor
	Harsh Vijay, Rahul Saxena, Devashish Gupta		
133	Hu Xuelan Civil Aviation University of China	B	Acc. Competitor
	Zhang Chunyu, Zhang Yifei, Fang Jinbao		
139	Wang Yaru Civil Aviation University of China	B	Acc. Competitor
	He Yantong, Wang Hongchang, Zhang Yiding		
144	Andrey Ipatov Peter the Great St. Petersburg Polytechnic University	B	Acc. Competitor
	Semyon Maltsev, Pavel Greshnikov, Mikhail Kadyrov		
156	Kamal Hossain Jahangirnagar University	B	Acc. Competitor
	Debosre Roy Dristy, Shanjida Rahman, Ummayya Afrin		
162	Yanfeng Zhang Civil Aviation University of China	B	Acc. Competitor
	Yuancheng Shi, Zhaolin Wang, Xiaoheng Lang		
165	Zhang Yanfeng Civil Aviation University of China	B	Acc. Competitor
	Liu Chen, Zhao Yu, Zhang Yuanshan		
168	Mateusz Krzyzosiak Shanghai Jiaotong University	B	Acc. Competitor
	Wang Dawei, Shan Haoxuan, Shen Lang		
169	Wen Li Civil Aviation University of China	B	Acc. Competitor
	Jingwei Zhang, Yun Zhao, Jingyi Li		

174B	Qin Zhe Wang Yu, Zhang Hanze, Wu Xufei	Civil Aviation University of China SIAE	B	Acc. Competitor
179	Golam Dastegir Al-Quaderi Md. Zillur Rahman, Ershadul Hakim Rayhan, Didarul Azam Chowdhury	University of Dhaka	B	Acc. Competitor
180	Omar Faruk Chowdhury Abrar Faiyaz, Rakibul Alam Shamim, Md. Mustakim Haque	Shahjalal University of Science and Technology	B	Acc. Competitor
181	Mateusz Krzyzosiak Zechen Huang, Haojun Liu, Xiaomo Wang	Shanghai Jiao Tong University	B	Acc. Competitor
188	W M K P Wijayaratna A M C I Abeyratne, G N P Erathna, C N Kondasinghe	University of Colombo	B	Acc. Competitor
195	Yingqi Tao Fuhao Guo, Hongyu Wang , Hao Wang	Officers College of PAP	B	Acc. Competitor
202	Qiming Du Mi Xie, Yuan Wang, Ruinian Shang	Officers College of PAP	B	Acc. Competitor
206	Qiming Du Qinyin Zheng, Shengbo Xiao, Lulu Li	Officers College of PAP	B	Acc. Competitor
207	Qiming Du Jiang Peng, Mingsheng Zhang, Shuo Yan	Officers College of PAP	B	Acc. Competitor
213	Niao Bo Hao Wu, Shengwei Wei, Shiyuan Fu	Officers College of PAP	B	Acc. Competitor
216	Meng Xiao Yuewen Deng, Changyan Chen, Minghao Li	Officers College of PAP	B	Acc. Competitor
219	Meng Xiao Xiujian Yan, Yuxiao Wang, Yehai Cen	Officers College of PAP	B	Acc. Competitor
228	Lingling Gao Jie Gao, Weiteng Pan, Lecong Li	Officers College of PAP	B	Acc. Competitor
230	Lingling Gao Hao Wen , Jinfeng Wu, Yuhong Jiang	Officers College of PAP	B	Acc. Competitor
239	Jing Chen Zhe Ji, Qingjun Shi, Hualong Wang	Officers College of PAP	B	Acc. Competitor
246	Fengfeng Liu Denghui Luo, Jiayi Li, Xuening Li	Officers College of PAP	B	Acc. Competitor
247	Fengfeng Liu Wencai Xie, Wenqiang Wu, Qiaosen Chen	Officers College of PAP	B	Acc. Competitor
253	Dan Zhao Weiwei Liu, Yihang Xu, Yao Yang	Officers College of PAP	B	Acc. Competitor
254	Cui He Jiahao Chen, Chu Lu, Shuangfu Zhao	Officers College of PAP	B	Acc. Competitor
262	Le Thii Que Nguyen Trong Nghia	International University - VNU-HCM	B	Acc. Competitor
273	Diptarka Das Rohan Joshi, Nallapati Chaitanya Sathvik, Ishan Deo	Indian Institute of Technology Kanpur	B	Acc. Competitor
275	Muhammad Omar Faruk S.M. Taohidul Alam Prottay, Md Arafat Rahman, Md Mehedi Hasan	Shahjalal University of Science & Technology	B	Acc. Competitor
280	Peter Schupp Sanam Limbu, Shronim Tiwari, Amar Dadel	Jacobs University Bremen	B	Acc. Competitor
285	Arumugam Mahendrasingam	University of Keele	B	Acc. Competitor

	Danny Blundell, Max Aldus, Luke Bullivant		
293	Santosh Kumar Shiv Nadar University Sangeet. S, Yash Gurbani, Praneet Srivastava	B	Acc. Competitor
294	Que Le Vietnam National University Long Le, Linh Pham, Phong Huynh	B	Acc. Competitor
306	Jianwei Zhang Tongji University Fanjie Sun, Yusheng Gao, Shaozuo Yu	B	Acc. Competitor
310	Kai Fang Tongji University Han Peng, Xibin Zhou, Yizhou Wang	B	Acc. Competitor
328	Liu Yonglu National University of Defense Technology Hu Mingyuan, Xie Jindou, Tu Chengyi	B	Acc. Competitor
331	Liu Yonglu National University of Defense Technology Xiong Jingwei, Zheng Yifan, Ma Mingyi	B	Acc. Competitor
339	Liu Yonglu National University of Defense Technology Chen Qinxian, Chang Haikuan, Long Bin	B	Acc. Competitor
346	Hao Yu XJTU Zhiliang Xu, Hao Yang, Xingyu Liu	B	Acc. Competitor
350	Yanqiang Li Qingdao University Qianying Wang, Zixuan Zhang, Wenying Teng	B	Acc. Competitor
354	Ponkog Kumar Das Shahjalal University of Science and Technology Swagata Das Teertho, Sakib Hossain Utsho, Mehrab Shadat	B	Acc. Competitor
361	Sebastian Najera Valencia UNAM Maria del Sol Reyes Ortiz, Edgar Munoz Snchez, Juan Jesus Campos Macouzet	B	Acc. Competitor
363	Yanqiang Li University Of Qingdao Huiwei Sang, Yitao Liang, Wenchang Hou	B	Acc. Competitor
366	Jaseer Ahmed Shahjalal University of Science and Technology Mehedi Hasan Tanver, A T M Ragib Raihan, Ahmad Al - Imtiaz	B	Acc. Competitor
369	Janto V. Sulungbudi Parahyangan Catholic University Delvydo Melvernaldo, Paul Taniwan, Dandy Mohhammad Zahran	B	Acc. Competitor
381	Yan Zhao Xi'an Jiaotong-Liverpool University Xia Zong, Qianhui Wan, Danchen Wang	B	Acc. Competitor
383	Md Enamul Hoque Shahjalal University of Science and Technology Niranjan Kar, Rajiv Das	B	Acc. Competitor
397	YanQiang Li QingDao University RuiQi Shen, YuXin Xiao, YiMan He	B	Acc. Competitor
403	Wojciech Dominik University of Warsaw Jerzy Paczos, Oskar Stachowiak, Adam Prystupiuk	B	Acc. Competitor
405	Wojciech Dominik University of Warsaw Kacper Nowak, Jurand Pr?dzy?ski, Zofia Kaczmarek	B	Acc. Competitor
410	Oleg Bulashenko Universitat de Barcelona Marti Sans Piera, Raul Fuentes del Pino, Enric Dalmau Bonvehi	B	Acc. Competitor
411	Md Enamul Hoque Shahjalal University of Science & Technology Md. Syful Islam, Irfan Hossain, Sumit Roy Pronoy	B	Acc. Competitor
413	Nilay Kundu Indian Institute of Technology Kanpur Swadha Pandey, Wrishik Naskar	B	Acc. Competitor
418	Jaseer Ahmed Shahjalal University of Science and Technology Sulyman Hossain, TorikulIslam Raju, Mamunur Rashid	B	Acc. Competitor

419	Nazia Chowdhury Samira Farzana, Maisha Fariha Diya, Samia Akter Mohima	Shahjalal University of Science and Technology	B	Acc. Competitor
426	Yanqiang Li Geng Wang, Shize Cao, Chongyan Gao	QingDao University	B	Acc. Competitor
428	Ponkog Kumar Das MD Kawser Ahmed Seyam, Raihanul Bashir, Showrav Acharjee	Shahjalal University of Science and Technology	B	Acc. Competitor