

The 2022 University Physics Competition Results Announcement – January 17, 2023

We are very pleased to announce the results of the thirteenth 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 4, 5, & 6, 2022, analyzing a scenario using the principles of physics, and writing a formal paper describing their work.

In this year's competition 417 teams submitted papers for judging. 230 teams selected "Problem A – Deflecting an Asteroid" and 187 teams selected "Problem B – FIFA Penalty Kicks."

For Problem A, the Gold Medal Winning Teams were:

Team 346: Andreas Conostas
Institution: University of Toronto, Canada
Faculty Sponsor: Myrte de Alfred

Team 395: Wang Donglai, Tang Rui, & Zhou Ziwei
Institution: Tongji University, China
Faculty Sponsor: Zhang JanWei

Team 425: Jan Dobrakowski, Wojciech Smialek, & Ignacy Stachura
Institution: University of Warsaw, Poland
Faculty Sponsor: Pawel Sidorczak

Team 460: He Zhongmou, Sun Sizhe, & Lu Junjie
Institution: Shanghai Jiao Tong University Joint Institute, China
Faculty Sponsor: Alfonso Reina

For problem B, the Gold Medal Winning Teams were:

Team 358: Ding Yangyidi, Wen Xueyun, & Huang Yingxue
Institution: Tongji University, China
Faculty Sponsor: Ma Yan

Team 471: Wu Luofu, Hu Yu, & Zhang Shuai
Institution: National University of Defense Technology, China
Faculty Sponsor: Zhang Sen

Team 480: Li Kelin, Xiong Qi, & Yang Yuchao
Institution: National University of Defense Technology, China
Faculty Sponsor: Peng Gang

Of the 417 papers submitted in this year's University Physics Competition, 7 teams (1.7%) were ranked as Gold Medal Winners, 79 teams (19%) were ranked as Silver Medal Winners, 108 teams (26%) were ranked as Bronze Medal Winners, and 223 teams (53%) 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, Montana, United States

Director of the University Physics Competition

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Problem A: Deflecting an Asteroid

Team	Sponsor/Students	Institution	Prob Rank	
346	Myrtede Alfred Andreas Constas	University of Toronto	A	Gold Medal
395	ZHANG JanWei WANG Donglai, TANG Rui, ZHOU Ziwei	Tongji University	A	Gold Medal
425	Pawel Sidorczak Jan Dobrakowski, Wojciech Smialek, Ignacy Stachura	University of Warsaw	A	Gold Medal
460	Alfonso Reina He Zhongmou, Sun Sizhe, Lu Junjie	Shanghai Jiao Tong University Joint Institute	A	Gold Medal
115	Zhang Rong Peng Chuanyu, Li Zongze, Wang Xin	China University of Mining and Technology	A	Silver Medal
130	Rong Zhang Yufei Song, Mengshu Miao, Yuhuan Huan	China University of Mining and Technology	A	Silver Medal
137	Long Bai Zhepeng Chen, Shiyong Li, Jiaxuan Li	China University of Mining and Technology	A	Silver Medal
153	Mim Mashrur Ahmed Rajesh Majumder, Md Abir Hossain Bulbul, Bishal Jahir	Rajshahi University of Engineering and Technology	A	Silver Medal
172	Wang Guangan Shi Jiaming, Chen Zhihao, Liu Xinqiao	Nanjing University of Science and Technology	A	Silver Medal
173	Wang Guangan Liu Yidi, Liu Yuhang, Zeng Haohang	Nanjing University of Science and Technology	A	Silver Medal
174	Zhitian Guo Yihua Xiao, Tengze Zhang, Hui Fang	China University of Mining and Technology	A	Silver Medal
182	Xu Yulong Zhang Yintong, Cheng Mingzheng, Qiu Chaoheng	Qilu University of Technology	A	Silver Medal
215	Zhimin Huang Boxuan Zhang, Jinliang Zhuo, Shan hao Zheng	China University of Mining and Technology	A	Silver Medal
217	Long Bai Xianda Zhang, Qi Sai,	China University of Mining and Technology	A	Silver Medal
223	Kui Han Mengchen Liu, Shiyi Guo, Yahui Yang	China University of Mining and Technology	A	Silver Medal
225	Quazi Muhammad Rashed I Md. Shamsul Alam Mahfuj	University of Chittagong	A	Silver Medal
229	Zhimin Huang Xiangjie Wang, Ning Ma, Hao Xu	China University of Mining and Technology	A	Silver Medal
241	Hua Chen Fengshuo Liu, Yunfang Xue, Yuxiang Hu	China University of Mining and Technology	A	Silver Medal
247	Zhipeng Xun Dingwen Zhang, Lisha Liu, Shuting Wang	China University of Mining and Technology	A	Silver Medal
253	Yang Zhang Shiwang Song, Shuqi Pang, Hao Li	China University of Mining and Technology	A	Silver Medal
268	Md. Kamal Hossain Nowshin Tabassum Riya, Md. Saiful Islam, Moinul Islam Laskar	Jahangirnagar University	A	Silver Medal
315	Li Xiaofen Wu Mian, Ma Tianyi, Song Shiyi	Shanghai Jiao Tong University	A	Silver Medal

319	Lei Zhang Yuzhu Zhang, Jiale Chen, Shiqi Ren	China University of Mining and Technology	A	Silver Medal
361	MA Yan Wei Jinwen, Tong Jiaqi,	Tongji University	A	Silver Medal
369	FANG Kai WU Xi, NIE Qiwen, FANG Dongyu	Tongji University	A	Silver Medal
371	FANG Kai WANG Xiaohan, WANG Mingwei, LI Peiyang	Tongji University	A	Silver Medal
373	FANG Kai WANG Baoning, WANG Zhenxing, ZHANG Yuyu	Tongji University	A	Silver Medal
374	FANG Kai XING Zhanbin	Tongji University	A	Silver Medal
380	FANG Kai WU Kunjun, DENG Xianchen, HUANG Bolin	Tongji University	A	Silver Medal
381	FANG Kai DENG Yan, WANG Xiao, WANG Xinyue	Tongji University	A	Silver Medal
384	ZHANG JanWei ZHANG Xuantao, HUANG Xici, ZHANG Chengyue	Tongji University	A	Silver Medal
389	ZHANG JanWei LI Quan, WANG Yuru,	Tongji University	A	Silver Medal
400	ZHANG YuZhong WU Chenpeng , GUO Jiaqi , HEYimanqi	Tongji University	A	Silver Medal
411	ZHANG YingLi ZHOU Zixiang, LI Muran, ZHOU Shengjie	Tongji University	A	Silver Medal
422	Pawel Sidorczak Jerzy Gamdzyk, Jan Kossacki, Andrzej Tyc	University of Warsaw	A	Silver Medal
424	Pawel Sidorczak Krzysztof Solak, Maria Puciata Mroczyńska, Szymon Bójko	University of Warsaw	A	Silver Medal
468	Peng Gang Wang Xin, Li Linchan, Liu Zihao	National University of Defense Technology	A	Silver Medal
472	Wang Guang Jin Kun, Wu Bo, Zou Junbo	National University of Defense Technology	A	Silver Medal
476	Yi Wenjun Wu Zihan, Zhang Baoyang, Tian Lei	National University of Defense Technology	A	Silver Medal
481	Peng Gang Xu Zihan, Yang Kun, Liu Qingyi	National University of Defense Technology	A	Silver Medal
483	Liu Yonglu Zhang Yiyin, Li Jianing, Chen Yang	National University of Defense Technology	A	Silver Medal
490	Yu Tongpu Feng Lei, Zhang Haile, Zhu Min	National University of Defense Technology	A	Silver Medal
491	Liu Yonglu Gu Nan, Yu Hao, Jian Shuoqu	National University of Defense Technology	A	Silver Medal
501	Peng Gang Cheng Tianqi, Chen Xueyan , Tan Yijun	National University of Defense Technology	A	Silver Medal
520	Koh Teck Seng Li Yifei, Randy Tan, Tan Fei	Nanyang Technological University	A	Silver Medal

532	Fred Adams Hanlin Gao, Sikai Lei, Lingyu Xie	University of Michigan	A	Silver Medal
553	Reinard Primulando Adrian Ramadhana Imran, Elroy Anderson Lukiero, Albertus Arnoldy	Parahyangan Catholic University	A	Silver Medal
570	Abdul Hannan Abdullah Haque, MD Zunaid Sadik, MD Nehal Hasnain	Shahjalal University of Science and Technology	A	Silver Medal
132	Shyamal Ranjan Chakraborty Mariem Absar, Md Rabiul Hossan Nazmon, Hasan Burhan Uddin	University of Chittagong	A	Bronze Medal
133	Hongtao Wang Chuanhao Chen, Wenjun Ma, Xinlei He	China University of Mining and Technology	A	Bronze Medal
134	Gai Yanqin Zhao Weixiang, Han Wenxuan, Wang Binbin	China University of Mining and Technology	A	Bronze Medal
138	Zhou Juan Wang Weixian, Zhang Guoqiang, Sun Hantao	China University of Mining and Technology	A	Bronze Medal
141	Ying Wang Yuhang Xia, Yue Zeng, Siwei Li	China University of Mining and Technology	A	Bronze Medal
143	Arnab Rudra Udit Varma Guntumadugu, Jaydev Singh Rao, Rishi Venkatasubramanian	IISER Bhopal	A	Bronze Medal
146	Zhipeng Xun Chenxi Lu, Zhengwenzhuo Zhuo, Feifei Xiong	China University of Mining and Technology	A	Bronze Medal
157	Maria Elena Tejeda-Yeomar Marcos Alejandro Hernandez Ojeda, Angel Ploneda Preciado, Ulises Israel Zarate Lopez	Universidad de Colima	A	Bronze Medal
164	Hui Xia Keyu Chen, Kangkang Yue, Yiyang Ma	China University of Mining and Technology	A	Bronze Medal
167	Zhiming Huang Yinqiao Li, Yuanjun Li, Junliang He	China University of Mining and Technology	A	Bronze Medal
168	Wang Guangan Zhao Peng, Zhu Shilong, Wu Bingke	Nanjing University of Science and Technology	A	Bronze Medal
176	Gao Xingguo Wang Bo, Cheng Yizhou, Li Zulin	Qilu University of Technology	A	Bronze Medal
184	Zhang Meina Li Yuheng, Wang Dequan, Yang Qizhen	Qilu University of Technology	A	Bronze Medal
196	Leng Jiancai Gou Wentong, Xue Zhigao, Li Pan	Qilu University of Technology	A	Bronze Medal
206	Noah Finkelstein Roman Ragazzo, William Ashcraft, Ryan Roa	University of Colorado Boulder	A	Bronze Medal
213	Wang Guangan Wang Qizhi, Deng Huanghui, Chen Yingdong	Nanjing University of Science and Technology	A	Bronze Medal
231	Lei Zhang Haiquan Yu, Hao Zou, Jiawang Xu	China University of Mining and Technology	A	Bronze Medal
262	Md. Kamal Hossain Nusrat Jahan Faizah, Sangeeta Kundu, Adila Nusrat Shifa	Jahangirnagar University	A	Bronze Medal
263	Md. Kamal Hossain S.M Hasibul Hassan Rizvee, Umme Kulsum Papri, Rahil Afzal Nihal	Jahangirnagar University	A	Bronze Medal
265	Md. Kamal Hossain Ashraful Nushrat, Sanmim Sumaiya, MD. AL-AMIN	Jahangirnagar University	A	Bronze Medal

273	Zhipeng Xun Lijian Huan, Jiaxuan Li, Hongkun Luo	China University of Mining and Technology	A	Bronze Medal
299	Jun Yang Dengke Chen, Jingrui Cui, Zeying Zhong	Southern University of Science and Technology	A	Bronze Medal
318	Alfonso Reina HaoYang Shang, WenDa Li, XuanYe Fu	Shanghai Jiao Tong University	A	Bronze Medal
323	Yanqiang Li Yanjie Zhang, Xueshan Chen, Shuai Liu	Qingdao University	A	Bronze Medal
327	Kangning Wang Yanzhi Zhao, Yizhou Zhai, Yibo Feng	ShanghaiTech University	A	Bronze Medal
335	Xiuhui Chen Chenbing Dong, Qirui Bing, Xinyu Sun	Qingdao City University	A	Bronze Medal
353	MA Yan ZHANG Siran, RU TianKai, BAI Dongxin	Tongji University	A	Bronze Medal
360	MA Yan LI Xinghan	Tongji University	A	Bronze Medal
362	MA Yan Yu Chenlin, Wu Guohai, Zhang Junhao	Tongji University	A	Bronze Medal
365	MA Yan CHENG Cheng, ZHANG Jiyao, ZHANG Rongkang	Tongji University	A	Bronze Medal
366	MA Yan GAO Xueqing, TAO Keyun, DING Ziyi	Tongji University	A	Bronze Medal
370	FANG Kai LI Lexuan, YANG Yaobin, WANG Yixiang	Tongji University	A	Bronze Medal
383	ZHANG JanWei LI Shuaixue, XU Junbo,	Tongji University	A	Bronze Medal
390	ZHANG JanWei LUO Qi, SUN YiZe, WANG Siqi	Tongji University	A	Bronze Medal
408	ZHANG YuZhong SHEN Ji	Tongji University	A	Bronze Medal
412	ZHANG YingLi XU Xuechun	Tongji University	A	Bronze Medal
413	ZHANG YingLi SHI Jianrong, LIU Jie, ZHANG Xiaodong	Tongji University	A	Bronze Medal
418	ZHANG YingLi XU Danqiao	Tongji University	A	Bronze Medal
433	Kamaraju Natarajan Aritra Sankar Brahmachari, Anish Dutta, Ritopriyo Pal	Indian Institute of Science Education and Research Kolkata	A	Bronze Medal
452	Milton Kumar Kundu Faria Afrin Tisha , Nafia Islam Shishir, Shafayat Tazoar Afi	Rajshahi University of Engineering and Technology	A	Bronze Medal
458	Jason Goodman Abbey Durell, Adrain Grimm, Celeste Berenbaum	Wheaton College (MA)	A	Bronze Medal
465	Laura DeGroot Olivia Green, Aman Jissa, Raisa Raofa	College of Wooster	A	Bronze Medal
469	Wangyu Cao Shuai, Chen Pengyu, Liu Wuzhe	National University of Defense Technology	A	Bronze Medal

470	Liu Yonglu Lu Wenhao, Liu Jiahao, Qin Jianbo	National University of Defense Technology	A	Bronze Medal
473	Yu Tongpu Hu Qibin, Guo Jiaan, Chen Shuang	National University of Defense Technology	A	Bronze Medal
474	Yi Wenjun Xiao Xichonglang, Zhang Chaojun, Hu Chizhou	National University of Defense Technology	A	Bronze Medal
477	Yi Wenjun Wang Guohong, Yu Hanchun, Huang Jielun	National University of Defense Technology	A	Bronze Medal
479	Peng Gang Zhang Yunxiang, Xiong Wei, Yu Runzhou	National University of Defense Technology	A	Bronze Medal
484	Liu Yonglu Qiao Yizhou, Gan Hongwei, Ran Sirui	National University of Defense Technology	A	Bronze Medal
492	Yi Wenjun Liu Yang, Zou Zhenyang, Chen Zhihan	National University of Defense Technology	A	Bronze Medal
493	Zhang Sen Dang Yuzhuo, Duan Yuxiao, Tian Jiaming	National University of Defense Technology	A	Bronze Medal
497	Yu Tongpu Xu Senke, Luo Lan, Duan Junhao	National University of Defense Technology	A	Bronze Medal
500	Liu Yonglu Zhong Zheng, Xiao Xinyuan, Shao Jun	National University of Defense Technology	A	Bronze Medal
502	Cesar Bonilla Martin Diaz-Kalasic, Sebastian Cabrera-Astudillo, Pablo Tapia-Michea	Universidad Católica del Norte	A	Bronze Medal
533	Zahid Hasan Prince Dipankar Mitra, Ranat Das Prangon, Mishu Dutta Chand	Bangladesh University of Engineering and Technology	A	Bronze Medal
535	Pawin Ittisamai Kamonsap Sapmee, Muhammaddaniya Sutwilai, Tithivich Paka	Chulalongkorn University	A	Bronze Medal
538	Alan Denton Joseph Granlie, William Tupa, Sigurd Saude	North Dakota State University	A	Bronze Medal
543	Edwin Greco Oscar Haase, Stanislaw Kowalski, Rehaan Naik	Georgia Institute of Tech	A	Bronze Medal
554	Berdishukur Jumayev Nurmuhammet Kakyshov, Farhat Imamkulyyev, Ovezmuhammet Soyunhanov	Turkmen Dowlet Binagarlik Gurlusyk Inustuty	A	Bronze Medal
583	Tiago Adorno Chenyao Li, Ruisi Zheng,	Xi'an Jiaotong-liverpool University	A	Bronze Medal
103	Yuehua Wang Yixin Cao, Shiqi Zhang, Rukang Chong	China University of Mining and Technology	A	Acc. Competitor
109	Zhang Lei Wang Binhao, Yao Xinchun, Liu ShiEn	China University of Mining and Technology	A	Acc. Competitor
111	Chen Lingxiu Cui Wenbin, Zhang Yang, Zou Kexin	China University of Mining and Technology	A	Acc. Competitor
114	Zhang Liping Liu Yangheng, Zhang Xiaohan, Yang Jinglei	China University of Mining and Technology	A	Acc. Competitor
116	Wang Hongtao Li Zhouzhou, Sun Yuyao, Shen Zhongchen	China University of Mining and Technology	A	Acc. Competitor
119	Xing Ye Hu Xinyu, Wang Aoyun, Chen Ziang	China University of Mining and Technology	A	Acc. Competitor

120	Zhipeng Xun Kaiying Yang, Haijing Yang, Yao Ge	China University of Mining and Technology	A	Acc. Competitor
125	Li Huichao Tang Bin, Wang Wanying,	China University of Mining and Technology	A	Acc. Competitor
135	Liwei Shi Yichen Qian, Yizhe Liu, Rongcheng Zheng	China University Of Mining And Technology	A	Acc. Competitor
148	Lei Zhang Guanyao Wang, Liqing Zhang, Haoyu Li	China University of Mining and Technology	A	Acc. Competitor
177	Xu Yulong Wang Jing, Wei Jiajie, Shao Jingwen	Qilu University of Technology	A	Acc. Competitor
178	Xu Yulong Chen Xiangran, Wang Nuo, Qiao Qixuan	Qilu University of Technology	A	Acc. Competitor
180	Gao Xingguo Lv Yi, Jiang Jiaqi, He Tianzheng	Qilu University of Technology	A	Acc. Competitor
181	Zhang Meina Zan Haochen, Li Xiangyu, Gao Kun	Qilu University of Technology	A	Acc. Competitor
183	Leng Jiancai Jiang Tian, Li Haiyang, Zhang Kui	Qilu University of Technology	A	Acc. Competitor
186	Xu Yulong Ding Zhenhui, Yin Rongji, Ding Kuiye	Qilu University of Technology	A	Acc. Competitor
188	Leng Jiancai Shang Zichun, Chen Yingqi, Shen Xiaocheng	Qilu University of Technology	A	Acc. Competitor
189	Xu Yulong Li Xiang, Li Yangyang, Qin Bai	Qilu University of Technology	A	Acc. Competitor
190	Xu Yulong Wei Mingxing, Wei Rixiang, Ban Hao	Qilu University of Technology	A	Acc. Competitor
192	Leng Jiancai Xiao Yunfei, Wang Xiangxi, Wang Linyi	Qilu University of Technology	A	Acc. Competitor
193	Leng Jiancai Yang Xinya, Wu Ruoyu, Liu Yijiao	Qilu University of Technology	A	Acc. Competitor
194	Xu Yulong Luo Ziqiang, Liu Songlin, Wang Xiaoyu	Qilu University of Technology	A	Acc. Competitor
198	Xu Yulong Hu Yulin, Xu Xiaoji, Tian Han	Qilu University of Technology	A	Acc. Competitor
199	Leng Jiancai He Yongqi, Qiu Tiantian, Wang Miaomiao	Qilu University of Technology	A	Acc. Competitor
200	Leng Jiancai Gao Mingxuan, Su Wenkun, Sun Ang	Qilu University of Technology	A	Acc. Competitor
204	Xu Yulong Zhu Yanqin, Liu Jinkun, Han Yantong	Qilu University of Technology	A	Acc. Competitor
209	Liping Zhang Fan Yang, Peiyi Bi, Yunchuan Zhu	China University of Mining and Technology	A	Acc. Competitor
210	Wang Guangan Lv Tianze, Du Zijun, Li Shuhao	Nanjing University of Science and Technology	A	Acc. Competitor
211	Wang Guangan Wang Shiqing, Lu Sihang, Wang Tao	Nanjing University of Science and Technology	A	Acc. Competitor

219	Zhimin Huang Yuyang Liu, Zhiyu Chen, Qi Han	China University of Mining and Technology	A	Acc. Competitor
221	ZhipengXun Yujian Wang, Ziwei Hao, Yan Wu	China University of Mining and Technology	A	Acc. Competitor
245	Bing Sui Lu Xinlei Lyu, Zhihan Zeng, Runqi Zhang	Xi'an Jiaotong-liverpool University	A	Acc. Competitor
258	Yang Zhang Jingtao He, Zhiming Zhang, Xiaodong Wang	China University of Mining and Technology	A	Acc. Competitor
259	Lei Zhang Yuhao Li, Zhuoyue Hu,	China University of Mining and Technology	A	Acc. Competitor
260	Kui Han Xinjie Zhong, Jingying Lu,	China University of Mining and Technology	A	Acc. Competitor
266	Md. Kamal Hossain Attaye Rabbi Khan, Md. Shahriar Arafat, Shah MD. Rashed	Jahangirnagar University	A	Acc. Competitor
274	Hao Yu Zhishuo.Jin, Yuxuan.Zhang, Qihao.Wen	Xi'an Jiaotong-Liverpool University	A	Acc. Competitor
278	Xiaoying Pang Xilei Huang, Zhiyang Wang, Yanxue Guo	Xi'an Jiaotong Liverpool University	A	Acc. Competitor
282	Mohammad Nasirul Hoque Israt Sultana Eithu, Md. Hasan Mahmud Sajib, Mahfuj Alam Shishir	University of Chittagong	A	Acc. Competitor
285	Zhipeng Xun Yaozhong Hu, Boyu Wang,	China University of Mining and Technology	A	Acc. Competitor
291	Hua Chen Xiuben Li, Jiajing Jia, Yinan Wang	China University of Mining and Technology	A	Acc. Competitor
292	Sun Jie Zhang Yang, Wang Longping, Chen Hongfu	Qilu University of Technology	A	Acc. Competitor
293	Sun Jie Yu Muxuan, Jian Chuankai, Liao Yingwen	Qilu University of Technology	A	Acc. Competitor
296	Lei Zhang Jun Zi Liang, Yu Wei Liu, Xun Tang	China University of Mining and Technology	A	Acc. Competitor
297	Long Bai Jianzhe Jing, Xiaoyu Wang, Ximeng Li	China University of Mining and Technology	A	Acc. Competitor
304	Milton Kumar Kundu Sazid Hasan, Ziharul Islam Rifath, Iyasir Arafat	Rajshahi University of Engineering & Technology	A	Acc. Competitor
310	Zhipeng Xun Tao Lu, Shengjie Xu, Zhongxin Li	China University of Mining and Technology	A	Acc. Competitor
313	T.Kouwenhoven Bowe.Tang, Xuanyu.Zhang, Yuliang.Xu	Xi'an Jiaotong-liverpool University	A	Acc. Competitor
316	Alfonso Reina Cecco Tianhong Gao, Yihao Sun, Zean Chen	Shanghai Jiaotong University Joint Institute	A	Acc. Competitor
317	Yang Zhang Xinqi Wang, Jinzhou Huang, Siyuan Pang	China University of Mining and Technology	A	Acc. Competitor
325	Xiaofen Li Minjian Li, Qingyu Hu, Zhanxun Liu	Shanghai Jiaotong University	A	Acc. Competitor
326	Milton Kumar Kundu Zareen Tasnim Pear, Mohammad Lutfar Rahman Rifat, Raisa Tarannum	Rajshahi University of Engineering and Technology	A	Acc. Competitor

328	Milton Kumar Kundu Parisa Reza, Nusrat Rezwana, Nabila Nowshin	Rajshahi University of Engineering and Technology	A	Acc. Competitor
329	Md. Siraj Ud Daula Shamim Mawlana Bhashani Science and Technology University Sourav Chowdhury, Syed Habibul Basher, Kanak Kundu		A	Acc. Competitor
333	Milton Kumar Kundu Zannatul Mawa Leion , Nourin Tasnim, Shoaib Shamsuddoha Alam	Rajshahi University of Engineering and Technology	A	Acc. Competitor
336	Fei Wang Huazhang Xue, Luqi Yan, Zhe Guo	Qingdao City University	A	Acc. Competitor
338	Xiaofen Li Yugang Wang, Taihe You, Jiawen Li	Fudan University & Shanghai Jiao Tong University	A	Acc. Competitor
341	Jason Goodman Clara Quintanilha, Nina Christenson,	Wheaton College (MA)	A	Acc. Competitor
351	MA Yan LI ZhengYang, CHEN ZheCheng, LIU Yang	Tongji University	A	Acc. Competitor
359	MA Yan MA Haoxuan, LI Ziqi, LAN Kai	Tongji University	A	Acc. Competitor
368	FANG Kai LIN Hang, LI Yuanlong, LIN Xiao	Tongji University	A	Acc. Competitor
372	FANG Kai WANG Ming, MENG Jun, JIANG Chengjie	Tongji University	A	Acc. Competitor
375	FANG Kai ZHANG Boyi, LIU Mingzhu, GUO WenXin	Tongji University	A	Acc. Competitor
382	ZHANG JanWei ZHENG Zelei, HU Yi, SHEN Juhao	Tongji University	A	Acc. Competitor
386	ZHANG JanWei ZHANG Yiwei, WEN Liangyu , MA Dinuer Yasenjiang	Tongji University	A	Acc. Competitor
388	ZHANG JanWei MA Zetian	Tongji University	A	Acc. Competitor
396	ZHANG JanWei LI Mengyao, QIN Xiao, ZHU Cuiting	Tongji University	A	Acc. Competitor
397	ZHANG JanWei YAN Lizheng, GAO Honghan, LOU Xinyi	Tongji University	A	Acc. Competitor
399	ZHANG YuZhong YANG Zhuohan, PAN Yongwei, MU Qun	Tongji University	A	Acc. Competitor
401	ZHANG YuZhong TAN Pengyu , ZONG Ruidian , HE Jianyao	Tongji University	A	Acc. Competitor
404	ZHANG YuZhong WU Xinyi, CHEN YingQi, ZHENG Xiaobei	Tongji University	A	Acc. Competitor
406	ZHANG YuZhong MA Xiuwen, WANG Yongxian, LI Yueqi	Tongji University	A	Acc. Competitor
414	ZHANG YingLi KANG zheming, LI Hui,	Tongji University	A	Acc. Competitor
416	ZHANG YingLi SUN Ruizhang, ZHAO Yi, CAO Zheng	Tongji University	A	Acc. Competitor
420	Pawel Sidorczak Victoria Vasileuskaya, Pola Gracja Życka, Adrian Brzezicki	University of Warsaw	A	Acc. Competitor

421	Pawel Sidorczak Zuzanna Ryduchowska, Wiktor Kalinowski, Krzysztof Rak	University of Warsaw	A	Acc. Competitor
432	Andrew Frey Modeste Katotoka, Jashan Singh Bhelae, Zachary Ferguson-Baird	University of Winnipeg	A	Acc. Competitor
438	Shyamal Ranjan Chakraborty Md. Istiaque Masud, Md. Mirajul Islam, Arnab Kishor Chakraborty	University of Chittagong	A	Acc. Competitor
439	Milton Kumar Kundu Jannatul Feardous, Deba Priyo Guha, Kawshik Banerjee	Rajshahi University of Engineering and Technology	A	Acc. Competitor
441	Anock Somoddar Muhtasim Minhaz, Arfatul Islam Asif, Sanjida Binte Shahadat Prova	Shahjalal University of Science and Technology	A	Acc. Competitor
442	Xiaoying Pang Huangcheng Yin	Xi'an Jiaotong-Liverpool University	A	Acc. Competitor
447	Milton Kumar Kundu Mahbub Uz Zaman, Nazifa Anjum, Zeba Islam Sotota	Rajshahi University of Engineering and Technology	A	Acc. Competitor
461	Md. Azmain Yakin Srizon Nabila Ferdous , Puspita Rahman, Rojleen Haque	Rajshahi University of Engineering and Technology	A	Acc. Competitor
463	Arthur Moraes Yifan Li, Ziyi Zhou,	Xi'an Jiaotong-liverpool University	A	Acc. Competitor
467	Michael Lisa Sankalp Agrawal, Nathaniel Hoelscher, Sahil Shah	The Ohio State University	A	Acc. Competitor
475	Yi Wenjun Ma Xinyu, Liu Xiaomeng, Wang Pu	National University of Defense Technology	A	Acc. Competitor
486	Zhang Sen Dong Yulong, Lv Jingyi, Mao Zewu	National University of Defense Technology	A	Acc. Competitor
489	Yu Tongpu Shi Haopeng, Mao Wabu, Liu Yapeng	National University of Defense Technology	A	Acc. Competitor
496	Peng Gang Feng Runchao, Zhang Yuchen, Li Qingren	National University of Defense Technology	A	Acc. Competitor
503	Cesar Bonilla Valeria A. Salinas, Bayron Stiven Micolta-Riascos,	Universidad Católica del Norte	A	Acc. Competitor
506	Nazia Chowdhury Sujoy Kumar Saha, Shahidullah Kaisar, Md. Soriful Islam	Shahjalal University of Science & Technology	A	Acc. Competitor
508	Jaseer Ahmed Khondoker M. Siam, Chayon Golder, Ahnaf Taouhid Raad	Shahjalal University of Science and Technology	A	Acc. Competitor
509	Héctor Miguel Mejía Díaz Pedro Gabriel Estrada Gallegos, Yared Flores Reyes, Axel Uriel Padilla Amezcua	Universidad Nacional Autónoma de México	A	Acc. Competitor
510	Huang Zhimin Zhao Kaixun, Wang Duo, Zhou Runhua	China University of Mining and Technology	A	Acc. Competitor
511	Neils Gresnigt Ganmin Wang, Haoyu Lu, Yuheng Sun	Xi'an Jiaotong-liverpool University	A	Acc. Competitor
512	Zhipeng Xun Shitong Yang, Nuofei Liu, Fan Zhang	China University of Mining and Technology	A	Acc. Competitor
513	Neils Gresnigt Xi.Nie, Boyuan.Gu, Mingyu.Shi	Xi'an Jiaotong-liverpool University	A	Acc. Competitor
514	Md. Torikul Islam Talha Mahamud, Upendra Sen Chakma, Mohammad Abu Jasem	Khulna University	A	Acc. Competitor

516	Shyamal Ranjan Chakrabart	University of Chittagong	A	Acc. Competitor
	Afsana Akter Supty, Tasin Islam,			
517	Nazia Chawdhury	Shahjalal University of Science and Technology	A	Acc. Competitor
	Joy Roy, Rupa Debnath, Farzana Akter Nishat			
519	Eugene Donev	Austin Peay State University	A	Acc. Competitor
	Ross Rodriguez, Joshua Rye, Alyssa Young			
521	Shyamal Ranjan Chakrabort	University of Chittagong	A	Acc. Competitor
	Mark Anthony Bromuela, Pilon Chakma, Bhuvan Dey			
523	A.K.M.Rezaur Rahman	Chittagong University	A	Acc. Competitor
	Saimul Hasan, Shayon Paul, Md Iqbal Hossain			
524	Yinguo Chen	National University of Defense Technology	A	Acc. Competitor
	Siwei Tang, Chaozheng Lu, Lin Zhang			
528	Tanvir Ahmed	Shahjalal University of Science and Technology	A	Acc. Competitor
	Fahmida Roshid Urmi, Nazmun Nahar, Protima Acharja			
531	Md. Torikul Islam	Khulna University	A	Acc. Competitor
	Akash Roy, Chandrika Mondal, Puspita Saha			
534	Xiaofen Li	Shanghai Jiaotong University	A	Acc. Competitor
	Yuxuan Yang, Jiaqiu Xu, Zhiyuan Ning			
536	Namabita Banerjee	Iiser Bhopal	A	Acc. Competitor
	Ranjan Bassi, Rehan, Tushar			
539	Noah Finkelstein	University of Colorado Boulder	A	Acc. Competitor
	Alessandra Calin, June Means, Oliver Wright			
540	Edwin Greco	Georgia Institute of Tech	A	Acc. Competitor
	Mira Patel, Fiza Shaikh, Khushi Taori			
542	Edwin Greco	Georgia Institute of Tech	A	Acc. Competitor
	Joseph Baldino, Joshua Brandt, Carlos Silva			
545	Edwin Greco	Georgia Institute of Tech	A	Acc. Competitor
	Danshyl Boodhoo, Raoul Lisso, Yu Uchiyama			
546	Edwin Greco	Georgia Institute of Tech	A	Acc. Competitor
	Roshan Amir, Eric Carder, Fiona Waller			
549	Shyamal Ranjan Chakrabort	University of Chittagong	A	Acc. Competitor
	Arka Biswas Saikot			
550	Tanvir Ahmed	Shahjalal University of Science & Technology	A	Acc. Competitor
	Yeamin Mohammed Zaman, Raihan Iqbal, Lailatun Nur Momo			
551	Xiuwen Wu	China University of Geosciences Beijing	A	Acc. Competitor
	Ruxue Hao, Yufei Shi, Jiaxu Tian			
555	Premkumar H.B	Ramaiah University of Applied Sciences	A	Acc. Competitor
	Manasa V Reddy, Manogna Mysuru, Shivani V Mahagaon			
557	Wang Guangan	Nanjing University of Science and Technology	A	Acc. Competitor
	Liu Zexi, Li Guoping, Chen Zixiang			
559	Anock Somadder	Shahjalal University of Science and Technology	A	Acc. Competitor
	Tamsi Ali, Taherin Hoq, Swagata Das Teertha			
562	Blas Echebarria Domínguez	Universitat Politècnica de Catalunya (UPC) BarcelonaTech	A	Acc. Competitor
	Gerard Castro López, Donato Manuel Jiménez Benetó,			
579	Shilei Zhong	Qingdao University	A	Acc. Competitor
	Zeyu Zhao, Dongliang Zhu, Yawen Kang			

582	Alfonso Reina Cecco Zhang Zhiheng, Yang Huancheng, Xie Ruizhe	Shanghai Jiaotong University	A	Acc. Competitor
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Problem B: FIFA Penalty Kicks

Team	Sponsor/Students	Institution	Prob	Rank
358	MA Yan DING Yangyidi, WEN Xueyun, HUANG Yingxue	Tongji University	B	Gold Medal
471	Zhang Sen Wu Luofu, Hu Yu, Zhang Shuai	National University of Defense Technology	B	Gold Medal
480	Peng Gang Li Kelin, Xiong Qi, Yang Yuchao	National University of Defense Technology	B	Gold Medal
107	Rong Zhang Minxuan Xu, Chang Ge, Chengming Liu	China University of Mining and Technology	B	Silver Medal
124	Zhipeng Xun Xiaohan Hu, Xiaoyu Wang, Xiubo Diao	China University of Mining and Technology	B	Silver Medal
127	Long Bai Zimeng Li, Yihan Zhang, Siqi Dai	China University of Mining and Technology	B	Silver Medal
136	Long Bai Tianhao Qin, Yuchi Zuo, Zhijie Yao	China University of Mining and Technology	B	Silver Medal
140	Fulin Li Haotian Shi, Honghao Zhang, Tong Jiang	China University of Mining and Technology	B	Silver Medal
171	Wang Guangan Yue Ziyao, Zhu Haoze, Qu Zhaoyu	Nanjing University of Science and Technology	B	Silver Medal
218	Zhipeng Xun Yiheng Yu, Yinghua Qin, Xinxu Fang	China University of Mining and Technology	B	Silver Medal
236	Alfonso Reina Chen Zijie, Jiang Xinting, Ping Haonan	Shanghai Jiao Tong University	B	Silver Medal
237	Huchen Gengjiale, Chongfaqian, Zhaochunrong	Qingdao University	B	Silver Medal
238	Xiaofen Li Luoyi Fan, Mo Yang, Yiming Liu	Shanghai Jiao Tong University	B	Silver Medal
272	Lei Zhang Huayun Wang, Yang Xiao, Qingwu Cai	China University of Mining and Technology	B	Silver Medal
275	Zhimin Huang Wentao Lei, Yuanzhuo Zhao, Tianyi Cao	China University of Mining and Technology	B	Silver Medal
280	Kui Han Yangyang Han, Yuxuan Zhu, Zijiang Yang	China University of Mining and Technology	B	Silver Medal
301	Alfonso Reina Cecco Zixiang Lin, Yinong He, Zihao He	Shanghai Jiao Tong University/Joint Institute	B	Silver Medal
308	Paolo Amore Alma Ramírez, Christopher Cerda, Christian Mendoza	Universidad de Colima	B	Silver Medal
309	Alfredo Aranda Cuauhtli Castellanos, Damian de la Cruz, Emilio Estrada	Universidad de Colima	B	Silver Medal
354	MA Yan HAN Tiancheng, Chang Jiakai, XiONG Lin	Tongji University	B	Silver Medal

376	FANG Kai CHENG Cheng, XU Yijie, HE Yujiang	Tongji University	B	Silver Medal
378	FANG Kai XU Minghao, MAO Yilin,	Tongji University	B	Silver Medal
402	ZHANG YuZhong XU Beike , NING Qian, CAI Minhao	Tongji University	B	Silver Medal
405	ZHANG YuZhong QIN Lang, CHEN Heming, BU Fayang	Tongji University	B	Silver Medal
423	Pawel Sidorczak Piotr Garczyński, Wojciech Niedziółka, Adam Szczerba	University of Warsaw	B	Silver Medal
429	Pawel Sidorczak Stanisław Rakowski, Kamil Dutkiewicz, Jakub Trzaska	University of Warsaw	B	Silver Medal
431	Pawel Sidorczak Zuzanna Jezierska, Szymon Michniak, Sara Łukasik	University of Warsaw	B	Silver Medal
434	Alfonso Reina Cecco Dayong Wang, Erdao Liang, Tianxiang Li	Shanghai Jiaotong University	B	Silver Medal
478	Wangyu Kuang Longkun, Zhang Wenzhuo, Peng Xiang	National University of Defense Technology	B	Silver Medal
482	Liu Yonglu Chen Hao, Hu Jianan, Li Peishi	National University of Defense Technology	B	Silver Medal
485	Zhang Sen Ouyang Yi, Chi Yiyang, Hu Ziyi	National University of Defense Technology	B	Silver Medal
487	Zhang Sen Liu Texu, Li Hanxun, Cui Hengrui	National University of Defense Technology	B	Silver Medal
488	Yu Tongpu Cui Ruochen, Wang Minghao, Zhou Yujie	National University of Defense Technology	B	Silver Medal
495	Peng Gang Tan Tao, Song Dongyang, Wang Xingdong	National University of Defense Technology	B	Silver Medal
498	Yu Tongpu Wu Haozhe, Xie Xuhui, Wang Zhiwei	National University of Defense Technology	B	Silver Medal
499	Liu Yonglu Liu Wenjun, Hu Han, Zhang Keyu	National University of Defense Technology	B	Silver Medal
544	Edwin Greco Robert Deaton, Aishik Dhori, David Lloyd George	Georgia Institute of Tech	B	Silver Medal
552	Janto V. Sulungbudi Rich Mikhael Adelgold Simamora, Vincentius Evan Wijaya, Tjia, Yurian Ragil Kusumah Harli	Parahyangan Catholic University	B	Silver Medal
113	Liang Qiu Junhao Cao, Zequn Li, Wenhao Tao	China University of Mining and Technology	B	Bronze Medal
117	Zhipeng Xun Zixiang Wang, Yongpeng Qin, Yibo Wang	China University of Mining and Technology	B	Bronze Medal
121	Bai Long Chen Hao, Xiang Zijian, Anqi Hu	China University of Mining and Technology	B	Bronze Medal
128	Xun Zhipeng Zhao Jinghao, Lv Xingchen, Ma Yuxin	China University of Mining and Technology	B	Bronze Medal
129	Long Bai Hailan Liang, Qiuhan Shi, Xumin Fan	China University of Mining and Technology	B	Bronze Medal

142	Xianwen Meng Zirui Sun, Qiuli Tian, Xiaochun Zhang	China University of Mining and Technology	B	Bronze Medal
144	Zhipeng Xun Chi Ma, Hongyuan Wang, Haoyu Zou	China University of Mining and Technology	B	Bronze Medal
145	Long Bai Yiming Zhao, Xiaochun Zhao, Cuirong Wang	China University of Mining and Technology	B	Bronze Medal
147	Jingju Li Ziwei Wu, Chi Bian, Yu Qiu	China University of Mining and Technology	B	Bronze Medal
149	Long Bai Zirui Ye, Ziwu Gao, Yuliang Hu	China University of Mining and Technology	B	Bronze Medal
151	Jingju Li Shuo Yang, Jing Wang, Yuchen Ding	China University of Mining and Technology	B	Bronze Medal
154	Ravi Prakash Singh Samyak Parashar, Anirudh Arora, Siddharaj Gadge	Indian Institute of Science Education and Research Bhopal	B	Bronze Medal
156	Long Bai Shaojie Xu, Yusen Lin, Zhimin Hou	China University of Mining and Technology	B	Bronze Medal
160	Chen Xuan Guoxuan Sun, Jianzhi Yang, Rui Wang	Xi'an Jiaotong-Liverpool University	B	Bronze Medal
166	Wang Guangan Wang Yong, Wang Weijia, Yin Hao	Nanjing University of Science and Technology	B	Bronze Medal
169	Wang Guangan Jiang Bing, Ji Kun, Huang Yunwei	Nanjing University of Science and Technology	B	Bronze Medal
170	Wang Guangan Li Yachen, Ma Linxin, Li Yuansheng	Nanjing University of Science and Technology	B	Bronze Medal
185	Zhang Meina Zhou Junyu, Qing Hongjin, Gao Mengchao	Qilu University of Technology	B	Bronze Medal
187	Xu Yulong Wang Ziyi, Yu Yikang, Han Jialiang	Qilu University of Technology	B	Bronze Medal
207	Long Bai Xiao Liu, Xu Tian, Xinyue Wang	China University of Mining and Technology	B	Bronze Medal
214	Wang Guangan Luo Juan, Li Yaping, Zhao Jingyi	Nanjing University of Science and Technology	B	Bronze Medal
232	Zhipeng Xun Wenhao Wang, Tianyu Hou, Junhao Dong	China University of Mining and Technology	B	Bronze Medal
235	Jun Yang Yi Deng, Chunming Yin	Southern University of Science and Technology	B	Bronze Medal
250	Furong Tang Min Wu, Guangyang Cui, Zhenhao Zhong	China University of Mining and Technology	B	Bronze Medal
251	Jun Yang Yiting LIU, Tzutung CHOU, Zuji ZHANG	Southern University of Science and Technology	B	Bronze Medal
255	Alfonso Reina Cecco Ruan Kunlin, Chen Zhuojia, Zhou Xiaomi	Shanghai Jiao Tong University	B	Bronze Medal
257	Yang Zhang Ren Zhang, Zheng Wang, Zichen Zhang	China University of Mining and Technology	B	Bronze Medal
286	Lei Zhang Tian Fu, Shuai Liu, Zhi Yang	China University of Mining and Technology	B	Bronze Medal

320	Thijs Kouwenhoven	Xi'an Jiaotong-liverpool University	B	Bronze Medal
	Siqi.Liao, Yang.Li, Changzhou.Zhou			
321	Johanna Nagy	Washington University in St. Louis	B	Bronze Medal
	Corbin Tinnon, Matthew Wagner, Andrei Krozel			
324	Quazi Muhammad Rashed I	University of Chittagong	B	Bronze Medal
	Asif Ahmed, Aj Waj Uddin Setu, Shumiya Binte Khaleque			
345	Li Xiaofen	Shanghai Jiaotong University	B	Bronze Medal
	He Ruiqi, Qi Huanlong, Ji Zhiyi			
352	MA Yan	Tongji University	B	Bronze Medal
	ZHANG ZhiHao, YUAN YuChen, HUANG RuiJie			
363	MA Yan	Tongji University	B	Bronze Medal
	Xiao Sihao, WANG Yiyue, ZHANG Chenyu			
377	FANG Kai	Tongji University	B	Bronze Medal
	WANG Zhen, WU Jielun, FAN Wenguang			
387	ZHANG JanWei	Tongji University	B	Bronze Medal
	JIANG Boyuan, ZHANG Mengtan, WANG Xiaopeng			
394	ZHANG JanWei	Tongji University	B	Bronze Medal
	HE Mengyue, Ji Zimo, BAI Kunzhuo			
403	ZHANG YuZhong	Tongji University	B	Bronze Medal
	YANG Jiarun , LIU Xin Ke, LIU Chaogui			
415	ZHANG YingLi	Tongji University	B	Bronze Medal
	WANG Junchi, ZHAO Xiaohan,			
428	Pawel Sidorczak	University of Warsaw	B	Bronze Medal
	Michał Zdziennicki, Kacper Cybinski, Stanisław Świerczeski			
430	Pawel Sidorczak	University of Warsaw	B	Bronze Medal
	Joanna Mędrzycka, Krzysztof Dankowski, Maciej Szyszko			
435	Rong Zhang	China University of Mining and Technology	B	Bronze Medal
	Shuai Yuan, Qitao Zhang, Mingwei Shen			
436	Alfonso Reina	Shanghai Jiaotong University	B	Bronze Medal
	Liuyening, Wangyutong, Zhouzhaojiacheng			
443	Jesus M Saenz	Universidad Autonoma de Ciudad Juárez	B	Bronze Medal
	Omar Alejandro Soto-Cabral, Daniel Uriel González Quezada, Roy Noe Herrera-Navarro			
455	Muhammad Rakibul Islam	Bangladesh University of Engineering and Technology	B	Bronze Medal
	Saif Ahmed Sunny, Mayesha Haque, Moytri Ghosal			
530	Anock Somadder	Shahjalal University of Science and technology Sylhet	B	Bronze Medal
	Jahura Akter Meem, Arafath Ahmed Marshed, Md. Didarul Islam			
537	Alan Denton	North Dakota State University	B	Bronze Medal
	Ibrahim Bukhari, Ahmed Aldrees, Matthew Hansen			
581	Wang Guangan	Nanjing University of Science and Technology	B	Bronze Medal
	Zhang Yuanguang, Zhong Yucheng, Yang Xu			
102	Lan Anh Dinh	Hanoi University of Science and Technology	B	Acc. Competitor
	Thanh Long Nguyen, Hoa Phan Nguyen, Quang Huy Dao			
104	Wang Hongtao	China University of Mining and Technology	B	Acc. Competitor
	Wang Song , Yin Yiming, Luo Kaifeng			
105	Anock Somadder	Shahjalal University of Science and Technology	B	Acc. Competitor
	Rajiv Das			

106	Long Bai	China University of Mining and Technology	B	Acc. Competitor
	Shida Dong, Xujie Cao, Wenxin Liang			
108	Zhipeng Xun	China University of Mining and Technology	B	Acc. Competitor
	Ruiyang Chen, Linfeng Sun, Jiayu Chen			
110	Xia Hui	China University of Mining and Technology	B	Acc. Competitor
	Zhang Yifan, Li Yan, Wang Minkun			
112	Long Bai	China University of Mining and Technology	B	Acc. Competitor
	Gaofeng Hou, Kun Zhou, Jing Li			
118	Xin Chengyun	China University of Mining and Technology	B	Acc. Competitor
	Zhang Yilin, Li Aoqiang, Yang Xiaohong			
122	Liping Zhang	China University of Mining and Technology	B	Acc. Competitor
	Yunfan Yang, Jingxin Zhou, Cheng Xu			
123	Wang Hongtao	China University of Mining and Technology	B	Acc. Competitor
	Liu Ruotong, Zhang Jian, Xia Xinran			
126	Long Bai	China University of Mining and Technology	B	Acc. Competitor
	Xiaoping Jiang, Wencai Zhang, Jia Wang			
131	Lei Zhang	China University of Mining and Technology	B	Acc. Competitor
	Fujia Xing, Jiachen Liu, Jiacheng Qin			
139	Wang Hongtao	China University of Mining and Technology	B	Acc. Competitor
	Li Nan, Xu Shuo, Zhang Yijie			
152	Long Bai	China University of Mining and Technology	B	Acc. Competitor
	Jiakai Cui, Maozhou Xu, Haoran Chong			
155	Long Bai	China University of Mining and Technology	B	Acc. Competitor
	Lin Yifan, Shao Hailiang, Tang Jie			
158	Xia Hui	China University of Mining and Technology	B	Acc. Competitor
	Zhang Xu, Hou Xinyu, Huang Yumeng			
159	Wangsuo Xia	China University of Mining and Technology	B	Acc. Competitor
	Yaochang Shi, Wang Zhou, Shuohan Zhao			
162	Wang Guangan	Nanjing university of science and technology	B	Acc. Competitor
	Heng Yukang, Hu Biao, Kou Yangming			
165	Peng Juan	China University of Mining and Technology	B	Acc. Competitor
	Wu Jianhao, Zhang Wenchao, Yu Jiajia			
175	Jingju Li	China University of Mining and Technology	B	Acc. Competitor
	Zhijun Jin, Ranxin Tao, Hang Yu			
179	Gao Xingguo	Qilu University of Technology	B	Acc. Competitor
	Wang Yuge, Ge Tiantian, Wang Tianrun			
195	Leng Jiancai	Qilu University of Technology	B	Acc. Competitor
	Qi Jiacheng, Zhao Runze,			
197	Xu Yulong	Qilu University of Technology	B	Acc. Competitor
	Li Yang, Hu Rui, Wang Yuxin			
201	Leng Jiancai	Qilu University of Technology	B	Acc. Competitor
	Bi Teng, Yu Hang, Tang Yixiao			
202	Xu Yulong	Qilu University of Technology	B	Acc. Competitor
	Wang Yiming, Zhang Zheng, Yan Wenliang			
203	Xu Yulong	Qilu University of Technology	B	Acc. Competitor
	Qin Shuchao, Mo Junzhong, Ba Yongwang			

208	Hongtao Wang Ziran Jiang, Kai Chen, Shaoshuang Li	CUMT	B	Acc. Competitor
212	Wang Guangan Jiao Chengqian, Chen Linzhe, Ning Fengrui	Nanjing University of Science and Technology	B	Acc. Competitor
216	Hua Chen Duanrui Wang, Erpeng Zhu, Shaolei Tang	China University of Mining and Technology	B	Acc. Competitor
220	Yang Zhang Meizhen Wang, Dashun Ma, Qiming Liu	China University of Mining and Technology	B	Acc. Competitor
224	Kui Han Tianqing Su, Xiaoyu Chen, Yi Wang	China University of Mining and Technology	B	Acc. Competitor
226	Lei Zhang Zhiyi Zhang, Chenghao Qi, Hongtao Pan	China University of Mining and Technology	B	Acc. Competitor
228	Long Bai Lei Jiang	China University of Mining and Technology	B	Acc. Competitor
233	Hua Chen Qingsong Li, Mingjun Hu, Yansun Cao	China University of Mining and Technology	B	Acc. Competitor
234	Rong Zhang Yaoyu Wang, Binwen Hu, Chong Fu	China University of Mining and Technology	B	Acc. Competitor
239	Zhipeng Xun Xin Shi, Jing Wang, Yelin Cai	China University of Mining and Technology	B	Acc. Competitor
240	Lei Zhang Jun Xie, Xuefeng Zhang, Jiawei Wang	China University of Mining and Technology	B	Acc. Competitor
243	Hua Chen Yongqi Lin, Linyue Pan, Geqiang Pang	China University of Mining and Technology	B	Acc. Competitor
244	Jinju Li Shicheng Zhu, Ming Yang, Hui Yang	China University of Mining and Technology	B	Acc. Competitor
246	Jingju Li Zhengjie Xie, Yuxuan Ye, Man Luo	China University of Mining and Technology	B	Acc. Competitor
248	John Sanders Serop Kelkelian, Dominic Watson,	California State University Fullerton	B	Acc. Competitor
249	Zhipeng Xun Wenli Shu, Qilin Liu, Deheng Li	China University of Mining and Technology	B	Acc. Competitor
252	Tai-jun Chen Zhexi Zhu, Haoyu Chen, Renming Zheng	Xi'an Jiaotong-Liverpool University	B	Acc. Competitor
254	Zhang Rong Han Fengwu, Li Mengyang, Hao Yingxue	University of Mining and Technology	B	Acc. Competitor
256	Tiago Adorno Jiechao Ou, Xixi Wang, Kefan Wu	Xi'an Jiaotong-Liverpool University	B	Acc. Competitor
261	Rong Zhang Zhengkai Zhang, Shuyi Wang, Haoming Chen	China University of Mining and Technology	B	Acc. Competitor
264	Md. Kamal Hossain Sabiha Haque Tamanna , Pritom Mukherjee , Kaniz Fatema Keya	Jahangirnagar University	B	Acc. Competitor
267	Md. Kamal Hossain Ishrat Jahan Nirjona, Maknun Mariam Habib, Jannatul Ferdous Jina	Jahangirnagar University	B	Acc. Competitor
269	Md. Kamal Hossain Shaaz-E-Jahan , Asratun Sarmin Anjum , Afra Nawar	Jahangirnagar University	B	Acc. Competitor

271	Lei Zhang Chunming Tang, Wenyu Li, Huarui Luo	China University of Mining and Technology	B	Acc. Competitor
276	Yan.Zhao Yueshan.Zhong, Jianing.Deng, Yujiang.Duan	Xian Jiaotong-Liverpool University	B	Acc. Competitor
279	Yang Zhang Zhiwei Ma, Yuanyou Cheng	China University of Mining and Technology	B	Acc. Competitor
281	Rong Zhong Yangyang Han, Yuxuan Zhu, Zijiang Yang	China University of Mining and Technology	B	Acc. Competitor
283	Shyamal Ranjan Chakrabort Showrav Roy, Amit Chakraborty, Abidul Moula Khan	University of Chittagong	B	Acc. Competitor
284	Huichao Li Li Zhou, Yubei Lai, Jinru Li	China University of Mining and Technology	B	Acc. Competitor
288	Alfonso Reina Cecco Jiahe Huang, Zijun Yang, Jingjia Peng	University of Michigan - Shanghai Jiao Tong University Joint Insti	B	Acc. Competitor
298	Milton Kumar Kundu Tahia Tanajjala Fateha, Sudipto Saha, Shamanta Rezwana	Rajshahi University of Engineering & Technology	B	Acc. Competitor
302	Nujhat Nuri Sultana Thoukir Ahammad, Md. Abdul Kaium, Sheikh Md. Humayed Habib	Shahjalal University of Science and Technology	B	Acc. Competitor
303	Tang Chang Tie Shenghao, Liu Zhiguo, Liu Kaixuan	China University of Geosciences (Wuhan)	B	Acc. Competitor
307	Izyan Hazwani Hashim Uziel Boaz	Universiti Teknologi Malaysia	B	Acc. Competitor
311	Hua Chen Shunjie Lei, Benteng Cui, Jiale Liu	China University of Mining and Technology	B	Acc. Competitor
322	Hua Chen Rongxin Fan, Dingyue Cao, Jinyuan Liu	China University of Mining and Technology	B	Acc. Competitor
331	Md. Siraj Ud Daula Shamim Jubayer Ahmed Jitu, Md. Saifur Rahman, Mahmudul Hasan Sohag	Mawlana Bhashani Science and Technology University	B	Acc. Competitor
334	Jianbao Yue Zhiheng Chen, Zilong Zhang, Changwei Gu	Qingdao City University	B	Acc. Competitor
337	Li Xiaofen Du Yi, Miao Tingjia, Zhang Zhengliang	Shanghai Jiao Tong University	B	Acc. Competitor
339	Alfonso Reina Cecco Chen Zaixi, Cai Chuhan, Hu Keyuan	Shanghai Jiao Tong University	B	Acc. Competitor
340	Alfonso Reina Cecco Xu Zhang, Jiale Chu, Chenrui Gao	University of Michigan-Shanghai Jiaotong University Joint Institu	B	Acc. Competitor
344	Jingju Li Hao Chen, Chengcai Gu,	China University of Mining and Technology	B	Acc. Competitor
350	Wang Haoqi Shi Zhengyu, Xia Nanxin, Wu Yixun	Tongji University	B	Acc. Competitor
357	MA Yan LIU XinPeng, CUI Xu, FAN JinYu	Tongji University	B	Acc. Competitor
364	MA Yan Hu Sijun, Dong Jiakai, TAN ZhengYang	Tongji University	B	Acc. Competitor
367	MA Yan PAN Yuan, ZOU Jinyu, WANG Rui	Tongji University	B	Acc. Competitor

379	FANG Kai HU Shixin, DING Qingxiang, TAO Ye	Tongji University	B	Acc. Competitor
385	ZHANG JanWei ZHANG Shuhan, TANG Yiheng, LIU Yuting	Tongji University	B	Acc. Competitor
391	ZHANG JanWei GONG Wenyue, SU ZhaoHan, WANG Haichao	Tongji University	B	Acc. Competitor
393	ZHANG JanWei BAI Runqian, ZHONG Chengzhe, JIANG Boyu	Tongji University	B	Acc. Competitor
398	ZHANG JanWei GAO Kaibo, ZHANG Yanzhun,	Tongji University	B	Acc. Competitor
407	ZHANG YuZhong WU Zitao, XIA Shangjie, MA Benkang	Tongji University	B	Acc. Competitor
409	ZHANG YuZhong QIN Liuning	Tongji University	B	Acc. Competitor
410	ZHANG YingLi LI Xunchen, PAN Ziheng, LAI Wenjian	Tongji University	B	Acc. Competitor
419	ZHANG YingLi FAN Junming	Tongji University	B	Acc. Competitor
427	Pawel Sidorczak Tymon Freluk, Mateusz Polakowski, Bartłomiej Sikorski	University of Warsaw	B	Acc. Competitor
437	Milton Kumar Kundu Safal Kumar Biswas, Yeasmin Tayaba , Mst. Mazeda Noor Tasnim	Rajshahi University of Engineering and Technology	B	Acc. Competitor
444	Md. Rashidul Islam Shafayata Sultana, Maysha Yesmin , Tahmina Akter	Rajshahi University of Engineering & Technology	B	Acc. Competitor
448	Milton Kumar Kundu Promit Biswas, Sajib Biswas, Bushra Farzin	Rajshahi University of Engineering and Technology	B	Acc. Competitor
450	Milton Kumar Kundu Shuvo Kundu, Md. Zayed Al Masud, Hasan Al Muazzaz	Rajshahi University of Engineering and Technology	B	Acc. Competitor
454	Hao Yu Jiayi Ji, Yurui Jin, Shaotong Hong	Xi'an Jiaotong-Liverpool University	B	Acc. Competitor
462	Shyamal Ranjan Chakrabort Asif Karim, Md.Imdadul hoque, Mohammad Sayef Ullah Sayem	University of Chittagong	B	Acc. Competitor
466	Mohammad Muntasir Hass Puja Rani Paul, Partho Kundu, Ananya Dipita Bhakta	Bangladesh University of Engineering and Technology	B	Acc. Competitor
494	Zhang Sen Huang Jiantao, Shi Haochen, Fu Guanjie	National University of Defense Technology	B	Acc. Competitor
505	Milton Kumar Kundu Md. Rakibul Islam, M. Morsedur Rahman, Sajid Fardin Dipto	Rajshahi University of Engineering & Technology	B	Acc. Competitor
507	Milton Kumar Kundu Tanha Anil, Nawsheen Sharmila,	Rajshahi University of Engineering & Technology	B	Acc. Competitor
529	Md Enamul Hoque Rifat Rahman Bhuiyan, Nadia Jannat Tanzum, Sumt Karmakar	Shahjalal University of Science and Technology	B	Acc. Competitor
541	Edwin Greco Nolan Heffner, Bladen Le Clus, Zhihan Wei	Georgia Institute of Tech	B	Acc. Competitor
548	Zhimin Huang Zhen Zhang, Shu Wang, Wenjian Li	China University of Mining and Technology	B	Acc. Competitor

556	Shahadat Hossain Md Sumon Ahmed, Sumaya Islam Chowdhury, Taslima Akter Tinni	Shahjalal University of Science & Technology SUST	B	Acc. Competitor
563	Jiangbin Gong Jeffrey Song	National University of Singapore	B	Acc. Competitor
564	Shahadat Hossain Muhammed Sakil Hussain, Kazi Mahmudur Rahman, Shourav Somodder	Shahjalal University of Science and Technology	B	Acc. Competitor
571	Jaseer Ahmed Antu Saha, Durjoy Das,	Shahjalal University of Science and Technology	B	Acc. Competitor
577	Jaseer Ahmed Mohammad Iqbal Hossain, Shanto Babu Das, Hridita Das	Shahjalal University of Science and Technology	B	Acc. Competitor
578	Jaseer Ahmed Md. Faizul Amin, Md Julfikar Rahman, Mahmuda	Shahjalal University of Science and Technology	B	Acc. Competitor