The 2024 University Physics Competition Results Announcement – January 17, 2025

We are very pleased to announce the results of the fifteenth 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, 2024, analyzing a scenario using the principles of physics, and writing a formal paper describing their work.

In this year's competition 681 teams submitted papers for judging. 534 teams selected "Problem A – Space Station Air Evaculation Time" and 147 teams selected "Problem B – Mars Electrical Power."

For Problem A, the Gold Medal Winning Teams were:

Team 380: Kenneth Luo, Samuel Ho, Simon Shen Institution: University of Toronto Faculty Sponsor: Patrick McGraw

Team 422: Hongyi Jiang, Haoyang Luan, Zhicong Hong Institution: Shanghai Jiao Tong University Joint Institute Faculty Sponsor: Zijie Qu

Team 427: Xu Ruan, Zhengwei Gong, Jincheng Ye Institution: Shanghai Jiao Tong University Joint Institute Faculty Sponsor: Zijie Qu

Team 494: Muhammad Arif Hussain, Md. Badhan Mridha, Emon Hossain Institution: University of Dhaka Faculty Sponsor: Md. Tareq Mahmud

Team 520: Wenxin Chen, Mingye Lu, Runzhe Zhang Institution: Shanghai Jiao Tong University Joint Institute Faculty Sponsor: Zijie Qu

Team 541: Lei Xu Institution: Tongji University Faculty Sponsor: Fang Kai

Team 568: Hou Huaxuan, Lin Junjie, Liu Yuxing Institution: Tongji University Faculty Sponsor: Zhang Jianwei

Team 646: Yaoxing Lu, Zhengyang Li, Xinyi He

Institution: ShanghaiTech University Faculty Sponsor: Kangning Wang

Team 660: Wu Honghan, Liu Hongtao, Li Zijie Institution: National University of Defense Technology Faculty Sponsor: Xu Xinrong

Team 662: Ma Zilin, Ma Xinyu, Xu Weifeng Institution: National University of Defense Technology Faculty Sponsor: Liu Yonglu

Team 674: Chen Qianhui, Liu Yiming, Chen Siyu Institution: National University of Defense Technology Faculty Sponsor: Peng Gang

Team 824: Tanmay Gupta, Angelina Zhang, Seth Brunner Institution: Georgia Institute of Technology Faculty Sponsor: Edwin Greco

For problem B, the Gold Medal Winning Teams were:

Team 128: Kan Linjie, Liu Yuxuan, Zhu Jiayi Institution: Nanjing University of Aeronautics and Astronautics Faculty Sponsor: Kan Caixia

Team 367: JiaTao Hu, ZiKuan Luo, QianFa Tang Institution: Nanjing University of Aeronautics and Astronautics Faculty Sponsor: XingZhong Zhu

Team 659: Tang Yao, Ding Hongen, Qin Yanglin Institution: National University of Defense Technology Faculty Sponsor: Liu Yonglu

Of the 681 papers submitted in this year's University Physics Competition, 15 teams (2.2%) were ranked as Gold Medal Winners, 118 teams (17%) were ranked as Silver Medal Winners, 201 teams (30%) were ranked as Bronze Medal Winners, and 347 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, Montana, United States Director of the University Physics Competition www.uphysicsc.com

Problem A: Space Station Air Evacuation Time

Team	Sponsor/Students	Institution	Prob	Rank
380	Patrick McGraw	University of Toronto	А	Gold Medal
422	Kenneth Luo, Samuel Ho, Simon Shen Zijie Qu Hongyi Jiang, Haoyang Luan, Zhicong Hong	Shanghai Jiao Tong University Joint Institute	А	Gold Medal
427	Zijie Qu Xu Ruan, Zhengwei Gong, Jincheng Ye	Shanghai Jiao Tong University Joint Institute	A	Gold Medal
494	Md. Tareq Mahmud	University of Dhaka	А	Gold Medal
520	Muhammad Arif Hussain, Md. Badhan Mridha, Zijie Qu	, Emon Hossain Shanghai Jiao Tong University Joint Institute	A	Gold Medal
	Wenxin Chen, Mingye Lu, Runzhe Zhang	5 5 7		
541	Fang Kai Lei Xu	Tongji University	A	Gold Medal
568	Zhang Jianwei	Tongji University	А	Gold Medal
646	Hou Huaxuan, Lin Junjie, Liu Yuxing Kangning Wang	ShanghaiTech University	A	Gold Medal
	Yaoxing Lu, Zhengyang Li, Xinyi He			
660	Xu Xinrong Wu Honghan, Liu Hongtao, Li Zijie	National University of Defense Technology	A	Gold Medal
662	Liu Yonglu	National University of Defense Technology	A	Gold Medal
674	Ma Zilin, Ma Xinyu, Xu Weifeng			
674	Peng Gang Chen Qianhui, Liu Yiming, Chen Siyu	National University of Defense Technology	A	Gold Medal
824	Edwin Greco	Georgia Institute of Technology	А	Gold Medal
112	Tanmay Gupta, Angelina Zhang, Seth Brunner Liu Jianyi	Qingdao University	А	Silver Medal
	Xu Dingding, Su Yating, Fan Ruichuan			
121	ZhipengXun YujianWang, ShutingWang, ZhifengGuo	China University of Mining and Technology	A	Silver Medal
122	Zijie Qu	Shanghai Jiao Tong University	А	Silver Medal
123	Yanzhi Li, Yucheng Bai, Jinghao Yu Md Enamul Hoque	Shahjalal University of Science and Technology	А	Silver Medal
-	Muhammed Sakil Hussain, Kazi Mahmudur Ral			
139	Kan Caixia	Nanjing University of Aeronautics and Astronautics	А	Silver Medal
159	Gu Yinyin, Pan Junda, Yang Sifei John Soo Yue Han	Universiti Sains Malaysia	A	Silver Medal
	Lai Jian Hou, Tan Wei Liang, Lim Kian Yong			
170	Haiping Wu Zijun Ding, Jiashuo Liu, Xi Chen	Nanjing University of Science and Technology	A	Silver Medal
197	Haiping Wu	Nanjing University of Science and Technology	А	Silver Medal
225	Canjie Chen, Baichuan Zhang, Chuanliang Xu Haiping Wu	Nanjing University of Science and Technology	А	Silver Medal
	Qinzheng Zhao, Tao Shen, Yu Xia			
227	Haiping Wu Jiang Binyan, Dong Manye, Xue Jiani	Nanjing University of Science and Technology	A	Silver Medal
233	Haiping Wu	Nanjing University of Science and Technology	А	Silver Medal
236	Zhehao Yang, Hong Liang, Zhe Zhou Haiping Wu	Nanjing University of Science and Technology	A	Silver Medal
	Yuan Ji, Jiashen Zhang, Zhongyi Wang	,		

248	Haiping Wu	Nanjing University of Science and Technology	А	Silver Medal
250	Yang Liu, Hanfeng Liu, Biao Zhang Haiping Wu	Nanjing University of Science and Technology	A	Silver Medal
	Zheng Pan, Wenhao Zhu, Wenjie Tang			
266	Haiping Wu Zhongying Qin, Huan Meng, Chenghan Chang	Nanjing University of Science and Technology	A	Silver Medal
267	Haiping Wu	Nanjing University of Science and Technology	А	Silver Medal
	Yang Jiecheng, Tang Zhengkai, Gao Yuhang			
271	Haiping Wu Yiguo Peng, Yipeng Li, Xiaowan Zhu	Nanjing University of Science and Technology	A	Silver Medal
289	Haiping Wu	Nanjing University of Science and Technology	А	Silver Medal
	Ziyi Wang, Junjie Huang, Yuncan Ni			
293	Haiping Wu Weizhe Ren, Yiming Gong, Shengjie Hu	Nanjing University of Science and Technology	A	Silver Medal
301	Shuiyan Cao	Nanjing University of Aeronautics and Astronautics	А	Silver Medal
	Shiyu Ma, Shuxin Yao, Jiaze Li			
322	Shuiyan Cao	Nanjing University of Aeronautics and Astronautics	A	Silver Medal
325	Weijing Bao, Liang Feng, Zixin Cai Yao Qiushi	Nanjing University of Aeronautics and Astronautics	A	Silver Medal
	Zhou Zhou, Gao Shangyi, Weng Jingxian			
334	Haiping Wu	Nanjing University of Science and Technology	А	Silver Medal
336	Lei Yao, Ziheng Sun, Zhuohang Li Haiping Wu	Nanjing University of Science and Technology	A	Silver Medal
	Chenyang Ji, Qichao Hu, Yuxin Huang	,		
338	Zijie Qu	Shanghai Jiao Tong University Joint Institute	А	Silver Medal
347	Longshen Chen, Zihang Li, Nuolin Liu Du Chaoling	Nanjing University of Aeronautics and Astronautics	A	Silver Medal
547	Zhang Yiwei, Gu Yaowen, Zhu Yuntao		7.	
351	Zijie Qu	Shanghai Jiao Tong University Joint Institute	А	Silver Medal
252	Haotian Fang, Yuntian Deng, Dayu Wu Kater Murch	Washington University in St. Louis	А	Silver Medal
333	Corbin Tinnon	washington oniversity in St. Louis	A	
355	Xiaobing Luo	Chongqing University of Posts and Telecommunications	А	Silver Medal
257	Min Li, Xiao Jiang, Suying He	Nanjing University of Science and Technology	^	Silver Medal
557	Haiping Wu Ning Zhou, Jiaying He, Keer Fan	Nalijing University of Science and Technology	A	Silver ivieual
374	Daan Meerburg	University of Groningen	А	Silver Medal
270	Eduard Mrug, Markuss Gustavs Kenins, Stanisl		^	Cilver Medal
379	Haiping Wu Shiming Gan, Chenhao Zhang, Leran Ying	Nanjing University of Science and Technology	A	Silver Medal
381	Qian Fengjiao	Nanjing University of Aeronautics and Astronautics	А	Silver Medal
200	Liu Yang, Zhang Aixin, Fang Youyang			
386	Quazi Muhammad Rashed Nizam Amit Chakraborty, Showrav Roy, Abidul Moula	University of Chittagong Khan	A	Silver Medal
389	Qu Zijie	Shanghai Jiaotong University Joint Institute	А	Silver Medal
	Liu Shuxuan, Nie Zhe, Ni Hairong			
392	Guangan Wang Nan Jiang, Yufan Yan, Jiasheng Hua	Nanjing University of Science and Technology	A	Silver Medal
393	Xu Yulong	Qilu University of Technology	A	Silver Medal
	Tang Songen, Zheng Hao, Yao Hongyu			-
420	Zijie Qu Jiang Yuchen, Feng Qiyu, Zhou Jiayang	Shanghai Jiao Tong University Joint Institute	A	Silver Medal
	nang ruchen, reng Qiyu, zhou Jiayang			

/121	Zijie Qu	Shanghai Jiao Tong University Joint Institute	A	Silver Medal
421	Yifan Chen, Luming Xu, Zhihan Zhou		~	
438	Saleem Hamady	The American University of the Middle East	А	Silver Medal
	Awrad AlAwadhi, Awrad Safar, Mohammad A	Ajmi		
448	Long Bai	CUMT	А	Silver Medal
	Zhiwei Zhang, Jiahui Wang, Ziliang Zhao			
452	Zijie Qu	Shanghai Jiao Tong University Joint Institute	A	Silver Medal
157	Jiahong Zhou, Guli Lai, Tianyou Zuo Hao Yu	Xi'an Jiaotong Liverpool University	A	Silver Medal
437	Chenyu Jia, Pingsong Deng, Zhaoyang Liu		A	Silver Medal
461	Sovanlal Mondal	The Ohio State University	A	Silver Medal
101	Henry Shiheng Jiang, Jiajing Li, Jack Reed			
471	Guangan Wang	Nanjing University of Science and Technology	А	Silver Medal
	Hongyu Chen, Hancong Zhang, Yan Qiu			
481	Zhe Qin	Civil Aviation University of China	А	Silver Medal
	Dizhi Guo, Yuxuan Pan, Yuhong He			
496	Jing Du	Qingdao City University	А	Silver Medal
	Quanfa Fan, Yuewen Qiu, Zihan Gao			
522	Ma Yan	Tongji University	A	Silver Medal
E 2 2	Chen YuZan , Liu JunQi, Sun Ming Ma Yan	Tongji University	A	Silver Medal
555	Pan Jiuda, Huang Yucheng, Liu Jintian	Tongji oniversity	A	Silver Medal
548	Fang Kai	Tongji University	A	Silver Medal
	Liu Qibo, Sun Qingbo			
549	Fang Kai	Tongji University	А	Silver Medal
	Ning XuanJing			
551	Fang Kai	Tongji University	А	Silver Medal
	Hu Shengyuan , Liu Tao, Kong Xiangbin			
552	Fang Kai	Tongji University	А	Silver Medal
	Wei Langda, Chen Ziye, Feng Kaibin	-		
557	Fang Kai	Tongji University	A	Silver Medal
550	Zhang Jinyue Zhang Jianwei	Tongji University	A	Silver Medal
220	Tang Yiheng	Tongji oniversity	~	Silver Medal
559	Zhang Jianwei	Tongji University	А	Silver Medal
	Long Junming, Yang Qiming, Tian Yufei			
565	Zhang Jianwei	Tongji University	А	Silver Medal
	Ding Yitong, Wang Yinjie, OuYang JiaYu			
572	Zhang Jianwei	Tongji University	А	Silver Medal
	Yang Xiuyun, Zhou Jingxiang, Cao Puqi			
578	Zhang Jianwei	Tongji University	A	Silver Medal
EOJ	Chen Yuanhe, Zhang Yixuan, Cao Ruiqi Zhang Jianwai	Tongji University	^	Silver Medal
562	Zhang Jianwei Wu Haoran	Tongji oniversity	A	Silver Weudi
588	Zhang Jianwei	Tongji University	А	Silver Medal
	Shi Zihan, Liu Jie			
603	Zhang Jianwei	Tongji University	А	Silver Medal
	Gao Ruichao, Yu Bowen			
629	Tiago Adorno	Xi'an Jiaotong-Liverpool University	А	Silver Medal
	JiaYang Ma, Yifan Wang, Yucheng Bao			
630	Zijie Qu	Shanghai Jiao Tong University Joint Institute	A	Silver Medal
	Haoran Chen, Yingqian Sun, Shangrong Yang			

648	Liu Jing	Air Force Engineering University - China	А	Silver Medal
663	Luo Hao, Qiao Ximing, Peng Dingyu Peng Gang	National University of Defense Technology	A	Silver Medal
	Wang Mingyue, Yan Junming, Liang Tianle			
673	Yu Tongpu	National University of Defense Technology	A	Silver Medal
675	Gao Zihao, Wu Hanzhou, Chen Jiaqiang Huang Ming Qiu	National University of Defense Technology	А	Silver Medal
	Cao Xian, Fang Xixiang, Dai Yuxin	, , ,		
677	Peng Gang	National University of Defense Technology	А	Silver Medal
678	Zhang Zhuwei, Chen Jianan, Zhang Jinhan Yi Wenjun	National University of Defense Technology	A	Silver Medal
070	Li Runze, Wang Rong, Wang Chen	National Oniversity of Detense reemology	Α	
680	Peng Gang	National University of Defense Technology	А	Silver Medal
C01	You Jialin, Su Bolun, Sun Mingyang	National University of Defense Technology	•	Cilver Medel
681	Yu Tongpu Liu Hongyang, Wang Xinwei, Liu Hongwei	National University of Defense Technology	A	Silver Medal
686	Zhang Sen	National University of Defense Technology	А	Silver Medal
	Cao Yixin, Yang Siyi, Ren Yi			
687	Huang Ming Qiu	National University of Defense Technology	A	Silver Medal
688	Zhang Tiancheng, Luo Haoxuan, Zhang Jiahao Zou Debin	National University of Defense Technology	A	Silver Medal
	Li Yule, Chen Mingming, Wen Zhengyang			
689	Zhang Sen	National University of Defense Technology	А	Silver Medal
600	Wu Yutong, Wei Chenyu, Dou Haopu	National University of Defense Technology	^	Cilver Medel
690	Zou Debin Fang Jiyu, Song Jiayang, Chen Boyu	National University of Defense Technology	A	Silver Medal
716	Hu Mingbo	National University of Defense Technology	А	Silver Medal
	Feng Chenglin, Zhang Ziyang, Ni Tianjin			
733	Gao Xinwei Xiao Oi, Han Xinwan, Cao Huainin	National University of Defense Technology	A	Silver Medal
736	Xiao Qi, Han Yixuan, Gao Huaixin Wu Yong	National University of Defense Technology	А	Silver Medal
,	Yin Zilong, Liu Weizhen, Lu Pengyu			
737	Liwei Shi	China University of Mining and Technology	А	Silver Medal
720	Xiang Wang, Xin Mei Huang, Ya Ru Chen	University of Chittanana	•	Cilver Medel
/39	Md. Saiful Alam Bishwajit Karmakar, Mahfuj Alam Shishir, Snig	University of Chittagong hdashis Supta	A	Silver Medal
764	Md Enamul Hoque	Shahjalal University of Science and Technology	А	Silver Medal
	Faria Ahmed, Fatema Akter Mitu, Chayon Gold			
767	Md Enamul Hoque	Shahjalal University of Science and Technology	A	Silver Medal
784	Sujoy Kumar Saha, Md. Rasel, Fahmida Carlos Alvarado	Vassar College	А	Silver Medal
_	Nathan Hart, Jasper Piermarini, Jason Cirrito			
789	Md. Saiful Alam	University of Chittagong	А	Silver Medal
<u>م</u> م	Arnob Barua, Md. Mehedi Hassan, Nushrat Ma Le Van Quynh	ahjabeen Tanha VinUniversity	A	Silver Medal
804	Pham Trung Kien, Tran Minh An, Nguyen Hong	-	A	Silver ivieual
809	Hong Wu	Chongqing University of Posts and Telecommunications	А	Silver Medal
	Yang Shao, Yan Deng, Xuanwei Gou			
811	Rizwan Morshed	Military Institute of Science and Technology	A	Silver Medal
826	Safwan Ibn Ahmad, Kazi Tahsin Shafayat, Indill Edwin Greco	Georgia Institute of Technology	A	Silver Medal
-	Adam Barletta, Luigi Cedeno, Andrea Cromeye			

103 Yannan Yang	Nanjing University of Aeronautics and Astronautics	A	Bronze Medal
Weihan Xu, Wenxuan Wang, Xiangyu Zheng			
107 Md. Mohsinur Rahman Adnan	Shahjalal University of Science and Technology	A	Bronze Medal
K M Shariat Ullah, Sakibul Islam Rayhan, Kazi	-	٨	Duouse Medel
108 Shuiyan Cao Zeping She, Ting Wu, Zihan Yang	Nanjing University of Aeronautics and Astronautics	A	Bronze Medal
113 Zulfiqar Hasan Khan	University of Dhaka	А	Bronze Medal
Md. Mahamud-Ul-Hassan, Tabassum, Khairul	-	~	Di onze iviedai
114 Md. Dalilur Rahaman	University of Dhaka	А	Bronze Medal
Sarker Mahathir Mohammad, Afra Nawar Ap	•		
120 Qu Zijie	SJTU	А	Bronze Medal
Xiong Zhenxiang, Peng Sihao, Jiang Chengling			
125 Naureen Ahsan	University of Dhaka	А	Bronze Medal
Sifat Ahmed Tushar, Md. Merajul Hasan, Md.	Ahteshamul Ferdous Mashrafi		
127 Yannan Yang	Nanjing University of Aeronautics and Astronautics	А	Bronze Medal
Xichuang Zhou, Mingjie Lai, Tongwang Li			
133 XiuFeng Lan	Nanjing University of Aeronautics and Astronautics	A	Bronze Medal
ShuaiBing Tan, KeYu Chen, BoWen Chen			
134 Huaisong Zhao	Qingdao University	A	Bronze Medal
Jinrui Ru, Bowen Yang, Xiyan Chen	New institution of Assessmentian and Astronomician	٨	Duouse Medel
135 Xiufeng Lan Junze Ding, Xinhao Yu, Yanming Lu	Nanjing University of Aeronautics and Astronautics	A	Bronze Medal
141 Chen Zhaolin	Nanjing University of Aeronautics and Astronautics	А	Bronze Medal
Xia Qingchuan, Yan Ruofan, Li Tianyi	Narjing Oniversity of Aeronautics and Astronautics	~	Di Olize Iviedal
142 Du Chaoling	Nanjing University of Aeronautics and Astronautics	А	Bronze Medal
Qian Xiaohan, Zhao Wei, Liu Yuxin			2.00
145 Zhang Yanfeng	Civil Aviation University of China	А	Bronze Medal
Cui Jiazhen, Ma Wanli, Chen Zhihao			
152 Cao Shuiyan	Nanjing University of Aeronautics and Astronautics	А	Bronze Medal
Sun Qixiang, Liu Jiajun, Sun Guokang			
155 Zijie Qu	Shanghai Jiao Tong University	А	Bronze Medal
Leyang Jiang, Jiatong Ding, Xiaowen Zhang			
167 Haiping Wu	Nanjing University of Science and Technology	A	Bronze Medal
Qian Wang, Xinguo Xia, Xiang Yuan			
171 Haiping Wu	Nanjing University of Science and Technology	A	Bronze Medal
Guo Cheng, Xiao Li, Haonan Wu	Naniing University of Science and Technology	٨	Dronzo Modal
175 Haiping Wu Zhihao Sun, Rui Chen, Wentao Zhang	Nanjing University of Science and Technology	A	Bronze Medal
179 Haiping Wu	Nanjing University of Science and Technology	А	Bronze Medal
Chengye Liang, Yihan Zhang, Zhuoshi Liu	Nanjing oniversity of science and reemology	~	Dronze Wieddi
181 Haiping Wu	Nanjing University of Science and Technology	А	Bronze Medal
Zhihao Wang, Changhao Deng, Zixun Zhang	, , , , , , , , , , , , , , , , , , , ,		
184 Haiping Wu	Nanjing University of Science and Technology	А	Bronze Medal
Chenyang Dan, Tao Chen, Yichen Li			
185 Haiping Wu	Nanjing University of Science and Technology	А	Bronze Medal
Shichen Liu, Qi Zhang, Tianying Wang			
196 Haiping Wu	Nanjing University of Science and Technology	А	Bronze Medal
Kai Liu, Yishan Wang, Yuyu Huang			
202 Haiping Wu	Nanjing University of Science and Technology	A	Bronze Medal
Chicheng Ma, Jiang Lu, Hangyu Liu	Naniing University of Science and Technology	۸	Droppo Madal
203 Haiping Wu Xiangyu Bian, Shaozhe Chen, Chuang Liu	Nanjing University of Science and Technology	A	Bronze Medal
Alangyu bian, shaozhe chell, chuang Llu			

205 Haiping Wu Xinni Sun, Qi Wu, Wenjun Zhang	Nanjing University of Science and Technology	А	Bronze Medal
211 Haiping Wu Songxuying Qin, Qiyu Fan, Haochen Sun	Nanjing University of Science and Technology	А	Bronze Medal
213 Haiping Wu Haoran Jing, Qianfeng Wang, Yihuang Wang	Nanjing University of Science and Technology	А	Bronze Medal
218 Haiping Wu Qingxi Hou, Zhixiang Zhang, Ruilin Wang	Nanjing University of Science and Technology	А	Bronze Medal
222 Haiping Wu Yuxuan Xie, Ruohan Shen, Zhangwei Yao	Nanjing University of Science and Technology	А	Bronze Medal
223 Haiping Wu Xincheng Ying, Ting Qian, Yuheng Wen	Nanjing University of Science and Technology	А	Bronze Medal
232 Haiping Wu Shengcheng Li, Chenyang Zhang, Mingyu Zhu	Nanjing University of Science and Technology	А	Bronze Medal
234 Haiping Wu Jiubin Wang, Chun Sui, Jinhao Gu	Nanjing University of Science and Technology	А	Bronze Medal
247 Haiping Wu Zhou Zhou, Tianyu Zhou, Xuming Wang	Nanjing University of Science and Technology	А	Bronze Medal
251 Haiping Wu Yize Dai, Zhaoxiang Yuan, Yadong Feng	Nanjing University of Science and Technology	А	Bronze Medal
252 Haiping Wu Zhiang Xu, Mu Lan, Bingzhe Han	Nanjing University of Science and Technology	А	Bronze Medal
253 Haiping Wu Jinfeng Wang, Xuzhe Zhang, Hao Wang	Nanjing University of Science and Technology	А	Bronze Medal
258 Haiping Wu Sicheng Wang, Honglin Wang, Zhou Zhu	Nanjing University of Science and Technology	А	Bronze Medal
260 Haiping Wu Junye Jin, Shutao Hao, Yuxiang Luo	Nanjing University of Science and Technology	А	Bronze Medal
261 Guangan Wang Xiwen Zhang, Zhuohong Wu, Yuqiu Gao	Nanjing University of Science and Technology	А	Bronze Medal
262 Haiping Wu Rui Yang, Bo Zhang, Siqi Qiu	Nanjing University of Science and Technology	А	Bronze Medal
263 Guangan Wang Junyu Shen, Dichen Chi, Shuo Dong	Nanjing University of Science and Technology	А	Bronze Medal
268 Haiping Wu Yichen Yu, Yuanyu Nan, Ruize Meng	Nanjing University of Science and Technology	А	Bronze Medal
270 Haiping Wu Tianyang Deng, Jiayao Du, Leilei Zhang	Nanjing University of Science and Technology	А	Bronze Medal
272 Haiping Wu Zheng Yang, Chenxi Xu, Zhengchen Lan	Nanjing University of Science and Technology	А	Bronze Medal
273 Haiping Wu Xueqing Wang, Bolun Chen, Zhanbo Tong	Nanjing University of Science and Technology	А	Bronze Medal
274 Guangan Wang Zhentian Wang, Junhao Ma, Junnong Tian	Nanjing University of Science and Technology	А	Bronze Medal
276 Haiping Wu Linxin Tian, Wenqiang Cai, Yikai Wang	Nanjing University of Science and Technology	А	Bronze Medal
277 Haiping Wu Yilin Wang, Qingchi Yu, Shuqi Cheng	Nanjing University of Science and Technology	А	Bronze Medal
280 Qu Zijie Fang Zikai, Ding Zeyu, Wang Zeming	Shanghai Jiao Tong University	А	Bronze Medal
282 Haiping Wu Hang Liu, Hongrui Chen, Guangyao Liu	Nanjing University of Science and Technology	А	Bronze Medal
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28	6 Haiping Wu Pucheng Li, Wenliangan Li, Jiawei Liu	Nanjing University of Science and Technology	А	Bronze Medal
28	7 Haiping Wu Meiqi Su, Zehui Li, Zhenqian He	Nanjing University of Science and Technology	A	Bronze Medal
28	8 Haiping Wu Shuang Tian, Xiumei Teng, Si Tang	Nanjing University of Science and Technology	A	Bronze Medal
29	0 Haiping Wu Xuanyi Zhu, Longsheng Zhu, Ziqiang Pan	Nanjing University of Science and Technology	А	Bronze Medal
29	4 Guangan Wang Zhengyang Yan, Heng Jiang, Tongzhou Xiang	Nanjing University of Science and Technology	А	Bronze Medal
29	6 Haiping Wu Yifan Chen, Keyan Chen, Hongxiang Zhang	Nanjing University of Science and Technology	A	Bronze Medal
29	7 Liu Jianyi Yin Xiangru, Wang Yuheng, Yue Binyan	Qingdao University	A	Bronze Medal
30	3 Guangan Wang Lu Yang, Fengli Yao, Haiyan Wang	Nanjing University of Science and Technology	A	Bronze Medal
	4 Haiping Wu Youkai Lan, Mengxiang Wang, Wenjie Wang	Nanjing University of Science and Technology	A	Bronze Medal
	9 Chaoling Du Xing Benhongfei, Xiaoqian Yu, Xiong Jianxin	Nanjing University of Aeronautics and Astronautics	A	Bronze Medal
	4 Guangan Wang Zhangchi Zhou, Yeyang Han, Liyang Ni	Nanjing University of Science and Technology	A	Bronze Medal
	7 Haiping Wu Wentao Li, Yunru Chen, Yongqiang Fu	Nanjing University of Science and Technology	A	Bronze Medal
	9 Zijie Qu Zhiheng Xian, Zhida Song, Jingye Qian	Shanghai Jiao Tong University Joint Institute	A	Bronze Medal
	6 Zijie Qu Shuya Yao, Xiangshao Yi, Luhong Rui	Shanghai Jiao Tong University Joint Institute	A	Bronze Medal
	9 Haiping Wu Yinan Fan, Dongxu Lu, Haotian Ren	Nanjing University of Science and Technology	A	Bronze Medal
	1 Haiping Wu Yuxin Lei, Zheng Yuan, Kunxin Li	Nanjing University of Science and Technology	A	Bronze Medal
	7 Zijie Qu Yu Yongrui, Huang Jianing, Huang Yuanzhe	Shanghai Jiao Tong University Joint Institute	A	Bronze Medal
	 3 Zijie Qu Dayong Fang, Chengxi Li, Liangzhao Chen A Visching Lug 	Shanghai Jiao Tong University Joint Institute	A	Bronze Medal
	4 Xiaobing Luo Yuheng Luo, Jiyu Zhao, Zhengrong Chen	Chongqing University of Posts and Telecommunications		Bronze Medal
	8 Haiping Wu Pengyu Zhou, Xiang Li, Hongpeng Ren	Nanjing University of Science and Technology	A	Bronze Medal
	1 Wang Changshun He Guoqing, Li Haobo, Li Mengdong	Nanjing University of Aeronautics and Astronautics	A	Bronze Medal
	6 Qu Zijie Sun Zhengjia, Xu Tianye, Gao Xuran	UM-SJTU Joint Institute	A	Bronze Medal
	7 Guangan Wang Jianbo Hu, Bin Xiong, Litao Yan	Nanjing University of Science and Technology	A	Bronze Medal
	0 Haiping Wu Zirui Xu, Xiaoxiao Yi, Wentao Li	Nanjing University of Science and Technology	A	Bronze Medal
	1 Zijie Qu Wang Qi, Yueran Xu, Siyuan Hui	UM-SJTU Joint Institute	A	Bronze Medal
41	2 Ma Hui Fan Hongyang, Geng Jianhao, Guo Jianhao	Qilu University of Technology	A	Bronze Medal

414 Leng Jiancai	Qilu University of Technology	А	Bronze Medal
Wang Shu, Tang Xiangyu, Sang Shengyu			
426 Haiping Wu	Nanjing University of Science and Technology	A	Bronze Medal
Chengtai Wang, Hongming Tao, Lufan Zhang		•	Drawso Model
435 Zijie Qu	Shanghai Jiao Tong University Joint Institute	A	Bronze Medal
Dingxuan Zhang, Guorui Huang, Minghao Fa 436 Zijie Qu	Shanghai Jiao Tong University Joint Institute	А	Bronze Medal
Haiyue Zhang, Zijian Su, Yunwei Han		~	BIOIIZE Medal
443 Denis Tramonte	Xi'an Jiaotong-Liverpool University	А	Bronze Medal
Qinen Song, Chao Wang, Xiangyu Qiao			Bronze medar
444 T. Kouwenhoven	Xi'an Jiaotong-Liverpool University	А	Bronze Medal
Jinfeng Guo, Zirui Qian, Yuyao Wang	······································		
445 Zijie Qu	Shanghai Jiao Tong University	А	Bronze Medal
Xingjian Liu, Yili Shen, Yankan Fang			
454 Zhang Lei	China University of Mining and Technology	А	Bronze Medal
Yu Tianyu, Zhang Junhua, Tong Zheng			
456 Andrew Fowlie	XianJiaotongLiverpool University	Α	Bronze Medal
Qiyipeng Li, Xinyang Lyu			
458 Tiago Adorno	Xi'an Jiaotong-Liverpool University	А	Bronze Medal
Yutong Yao, Jiayue Feng, Jiayi Wei			
460 Alfredo Aranda	Universidad de Colima	А	Bronze Medal
	Campos Jimenez, Hancel De Jesus Borrego Cortez		
464 Yuanita P. D. Sudarso	Parahyangan Catholic University	A	Bronze Medal
Kenny Imam Mahardika, Kristian Yakin Erith		•	Duana Madal
470 Haiping Wu	Nanjing University of Science and Technology	A	Bronze Medal
Zhen Huang, Lvru Pu, Yutong Li	Vilan lipptong Liverno el Llaiversity	^	Dronzo Modal
480 Yan Zhao	Xi'an Jiaotong Liverpool University	A	Bronze Medal
Haotian Ma, Ruiyao Chen, Jiaqi Xu 486 Yanqin Gai	China University of Mining and Technology	А	Bronze Medal
Hao Li, Yuxi Hu, Ruocheng Li	china oniversity of winning and rechnology	~	BIOIIZE Medal
489 Theresa Lynn	Harvey Mudd College	А	Bronze Medal
Angela (Jingwen) Zheng, Grace Murray, Alex		<i>/</i> (Bronze Wieddi
503 Xiaopeng Shen	China University of Mining and Technology	А	Bronze Medal
Ximing Wang, Linwen Deng, Yunhao Zhang			
504 Liwei Shi	China University of Mining and Technology	А	Bronze Medal
Qitao Huang, Jiongyao You, Chenxing Zhao	, , , , , , , , , , , , , , , , , , , ,		
505 Zhipeng Xun	China University of Mining and Technology	А	Bronze Medal
Xuancheng Zhou, Yihui Wang, Jiaxu Fan			
508 Yue Jianbao	Qingdao City University	Α	Bronze Medal
Liu Jinxin, Wang Wei, Zhang Rongyan			
513 Li Yan Qiang	Qingdao University	А	Bronze Medal
Jin Na, Dong Xin, Hou Yi Han			
516 Yanqiang Li	Qingdao University	Α	Bronze Medal
Shuo Li, Shengkai Zhang, Qiyu Fu			
521 Xiaoying Pang	Xi'an Jiaotong-liverpool University	A	Bronze Medal
Haotian Wang, Guanlin Guo, Liyang Su			
524 Ma Yan	Tongji University	A	Bronze Medal
Deng Chenlan, Xu Rao	Tangii University	۸	Propas Madal
525 Ma Yan	Tongji University	A	Bronze Medal
Li Zhiyuan, Zhou Qimin, Song Zeqing 531 Ma Yan	Tongji University	А	Bronze Medal
Qiu Yunqing, Han Jiamin, Chen Ruijia		л	Bronze Weudi
Qia ranqing, nan nanini, chen hujia			

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5	39	Ma Yan	Tongji University	A	Bronze Medal
-		Li Zhangchi, Ji Zixiang, Wu Tianhao	Tongii University	^	Droppo Model
Э	44	Fang Kai Tan Senhao, Song Minghuan	Tongji University	A	Bronze Medal
5	15	Fang Kai	Tongji University	А	Bronze Medal
5	J	Zhang Hongyi		~	bronze wiedai
5	54	Fang Kai	Tongji University	A	Bronze Medal
	•••	Huang Bolin			
5	69	Zhang Jianwei	Tongji University	А	Bronze Medal
		Lei Shuangteng, HuangRui	<u> </u>		
5	70	Zhang Jianwei	Tongji University	А	Bronze Medal
		Zhang Yongzhou , Shi Jiawei, Wang Jingfu			
5	75	Zhang Jianwei	Tongji University	А	Bronze Medal
		Wang Mingwei			
5	79	Zhang Jianwei	Tongji University	Α	Bronze Medal
		Zheng Yuanmai, Yang Yuluo			
5	80	Zhang Jianwei	Tongji University	A	Bronze Medal
_		Wang Xiaohan			
5	81	Zhang Jianwei	Tongji University	A	Bronze Medal
-	0	Zhang Boyi	Ten sii University	•	Duenee Medel
5	85	Zhang Jianwei Dai Yan	Tongji University	A	Bronze Medal
5	07	Zhang Jianwei	Tongji University	А	Bronze Medal
J	57	Li Yao, Li Jingyao, Liu Pengyu		A	biolize wiedai
6	04	Zhang Jianwei	Tongji University	А	Bronze Medal
Ū		Fu Boyang, Xiong Yuxiang, Chen Jiakai			
6	606	Zhang Jianwei	Tongji University	A	Bronze Medal
		Xiong Xin, Xu Shuyang			
6		Yanhong Li	Chongqing University of Posts and Telecommunications	А	Bronze Medal
		Yunyi Zhou, Tao Liu, Xiaohan Wu			
6	519	Yanhong Li	Chongqing University of Posts and Telecommunications	Α	Bronze Medal
		Shuangrui Ge, Bangjie Xu, Weihang Lyu			
6	22	Yong Mao	University of Nottingham	А	Bronze Medal
		Helene, Mustafa Rashall			
6	34	Haiping Wu	Nanjing University of Science and Technology	A	Bronze Medal
~		Jialu Liang, Bing Shen			D
6	35	Hua Chen	China University of Mining and Technology	A	Bronze Medal
c	20	Zhiyang Liu, Zichong Lu, Huixin Zhou Du Chaoling	Nanjing University of Aeronautics and Astronautics	٨	Propzo Modal
0	000	Li Haoran, Zheng Zeyi, Huang Hongrun	Nanjing Oniversity of Aeronautics and Astronautics	A	Bronze Medal
F	40	Li Zhengyuan	Qingdao City University	А	Bronze Medal
0	0	Zhang Baoxing, Gong Yongkang, Liu Jiancheng		Α	Dionze Wiedai
6	53	Zijie Qu	Shanghai Jiao Tong University Joint Institute	A	Bronze Medal
-		Yuan Yuchen, Wang Feiyu			
6	56	Cesar Bonilla	Universidad Católica del Norte	А	Bronze Medal
		B.R.Adones, Rodrigo S. Cruz, E. Rodríguez Mart	tinez		
6	64	Zhou Hongyu	National University of Defense Technology	А	Bronze Medal
		Wang Yinhao, Zeng Junlin, Wang Tao			
6	65	Yin Yan	National University of Defense Technology	А	Bronze Medal
		Liu Puyuan, Han Tianyu, Song Zhilin			
6	68	Yin Yan	National University of Defense Technology	A	Bronze Medal
		Liang Zhaohang, Zhou Guozhen, Li Ying			

669 Liu Yonglu	National University of Defense Technology	А	Bronze Medal
Zhou Zehong, Zhu Liangchen, Yang Haosen			D 14 1 1
672 Xu Xinrong	National University of Defense Technology	A	Bronze Medal
Xiao Ziyue, Tian Jiaxin, Zhao Jingfeng			
676 Li Chunyan	National University of Defense Technology	A	Bronze Medal
Zeng Yangming, Li Zhenghui, Fang Wenxuan	National University of Defense Tasky shows		Due une a Mandel
684 Zhang Sen	National University of Defense Technology	A	Bronze Medal
Luo LiHan, Peng Jiangshan, Tang Lizhao	National University of Defense Technology	•	
693 Qin Jingu	National University of Defense Technology	A	Bronze Medal
Liu Tong, Wang Chaojin, Peng Qiuhao	Notional University of Defense Technology	^	Dronzo Modal
694 Liu Yonglu Zhou Linna, Yang Chaoyi, Ye Yingming	National University of Defense Technology	A	Bronze Medal
697 Thai Truyen Dai Chan	Vietnamese - German University	А	Bronze Medal
Do Luong Minh Hoang, Tran Nhat Minh, Nguy	-	А	BIOIIZE MEUAI
706 Xing Ye	China University of Mining and Technology	А	Bronze Medal
Li Ruoshui, Wu Ruonan, Luo Bin	china oniversity of winning and rechnology	Ā	Bronze Medal
717 Zhang Lili	National University of Defense Technology	А	Bronze Medal
Wang Shiyi, Zang Shilei, Huang Lifan	National Oniversity of Defense recimology	~	Dionze Medai
719 Qi Xinshe	National University of Defense Technology	А	Bronze Medal
Zheng Bin, Wang Huimin, Chen Yujie	National oniversity of Defense reenhology	А	Bronze Wieddi
725 Wang Na	National University of Defense Technology	А	Bronze Medal
Di Hairong, Mu Jialong, Xie Yize	National oniversity of Defense reenhology		Bronze Wieddi
735 Li Jingfeng	National University of Defense Technology	А	Bronze Medal
Wang Bolin, Zhang Xiongqiang, Wu Haowei			2.0200044
738 Keivan Aghababaei Samani	Isfahan University of Technology	А	Bronze Medal
Yalda Ebrahimi, Matin Rezaei, Mohammadrez			
742 Quazi Muhammad Rashed Nizam	University of Chittagong	А	Bronze Medal
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Saima Alam		~	Bronze meda
			Bronze Medal
Saima Alam	Chongqing University of Posts and Telecommunications		
Saima Alam 748 Ruiheng Pan		A	
Saima Alam 748 Ruiheng Pan Jiayu Zheng, Rongyu Wang, Shijie Shao	Chongqing University of Posts and Telecommunications	A	Bronze Medal
Saima Alam 748 Ruiheng Pan Jiayu Zheng, Rongyu Wang, Shijie Shao 749 Jun Yang	Chongqing University of Posts and Telecommunications	A	Bronze Medal
Saima Alam 748 Ruiheng Pan Jiayu Zheng, Rongyu Wang, Shijie Shao 749 Jun Yang Jun-Xi Wu, Hao-Yu Li, Shengzhe Gan	Chongqing University of Posts and Telecommunications Southern University of Science and Technology - China Shahjalal University of Science and Technology	A	Bronze Medal Bronze Medal
Saima Alam 748 Ruiheng Pan Jiayu Zheng, Rongyu Wang, Shijie Shao 749 Jun Yang Jun-Xi Wu, Hao-Yu Li, Shengzhe Gan 750 Anock Somadder	Chongqing University of Posts and Telecommunications Southern University of Science and Technology - China Shahjalal University of Science and Technology	A A A	Bronze Medal Bronze Medal
Saima Alam 748 Ruiheng Pan Jiayu Zheng, Rongyu Wang, Shijie Shao 749 Jun Yang Jun-Xi Wu, Hao-Yu Li, Shengzhe Gan 750 Anock Somadder Ibrahim Hossain, Siratul Islam, Rimon Acharjee	Chongqing University of Posts and Telecommunications Southern University of Science and Technology - China Shahjalal University of Science and Technology e Sumon	A A A	Bronze Medal Bronze Medal Bronze Medal
Saima Alam 748 Ruiheng Pan Jiayu Zheng, Rongyu Wang, Shijie Shao 749 Jun Yang Jun-Xi Wu, Hao-Yu Li, Shengzhe Gan 750 Anock Somadder Ibrahim Hossain, Siratul Islam, Rimon Acharjee 761 Chunhong Long	Chongqing University of Posts and Telecommunications Southern University of Science and Technology - China Shahjalal University of Science and Technology e Sumon	A A A A	Bronze Medal Bronze Medal Bronze Medal
Saima Alam 748 Ruiheng Pan Jiayu Zheng, Rongyu Wang, Shijie Shao 749 Jun Yang Jun-Xi Wu, Hao-Yu Li, Shengzhe Gan 750 Anock Somadder Ibrahim Hossain, Siratul Islam, Rimon Acharjee 761 Chunhong Long Sijie Tan, Yuchen Dong, Huanyao Zeng	Chongqing University of Posts and Telecommunications Southern University of Science and Technology - China Shahjalal University of Science and Technology e Sumon Chongqing University of Posts and Telecommunications Chongqing University of Posts and Telecommunications	A A A A	Bronze Medal Bronze Medal Bronze Medal Bronze Medal Bronze Medal
Saima Alam 748 Ruiheng Pan Jiayu Zheng, Rongyu Wang, Shijie Shao 749 Jun Yang Jun-Xi Wu, Hao-Yu Li, Shengzhe Gan 750 Anock Somadder Ibrahim Hossain, Siratul Islam, Rimon Acharjee 761 Chunhong Long Sijie Tan, Yuchen Dong, Huanyao Zeng 769 Nana Pan Limiao Xie, Xin Yang, Kexin Zou 771 Song Ge	Chongqing University of Posts and Telecommunications Southern University of Science and Technology - China Shahjalal University of Science and Technology e Sumon Chongqing University of Posts and Telecommunications	A A A A	Bronze Medal Bronze Medal Bronze Medal Bronze Medal
Saima Alam 748 Ruiheng Pan Jiayu Zheng, Rongyu Wang, Shijie Shao 749 Jun Yang Jun-Xi Wu, Hao-Yu Li, Shengzhe Gan 750 Anock Somadder Ibrahim Hossain, Siratul Islam, Rimon Acharjee 761 Chunhong Long Sijie Tan, Yuchen Dong, Huanyao Zeng 769 Nana Pan Limiao Xie, Xin Yang, Kexin Zou 771 Song Ge Ye Lan, Shan Zihao	Chongqing University of Posts and Telecommunications Southern University of Science and Technology - China Shahjalal University of Science and Technology e Sumon Chongqing University of Posts and Telecommunications Chongqing University of Posts and Telecommunications Shanghai Ocean University		Bronze Medal Bronze Medal Bronze Medal Bronze Medal Bronze Medal
Saima Alam 748 Ruiheng Pan Jiayu Zheng, Rongyu Wang, Shijie Shao 749 Jun Yang Jun-Xi Wu, Hao-Yu Li, Shengzhe Gan 750 Anock Somadder Ibrahim Hossain, Siratul Islam, Rimon Acharjee 761 Chunhong Long Sijie Tan, Yuchen Dong, Huanyao Zeng 769 Nana Pan Limiao Xie, Xin Yang, Kexin Zou 771 Song Ge Ye Lan, Shan Zihao 772 Han Wenjuan	Chongqing University of Posts and Telecommunications Southern University of Science and Technology - China Shahjalal University of Science and Technology e Sumon Chongqing University of Posts and Telecommunications Chongqing University of Posts and Telecommunications	а А А А А	Bronze Medal Bronze Medal Bronze Medal Bronze Medal Bronze Medal
Saima Alam 748 Ruiheng Pan Jiayu Zheng, Rongyu Wang, Shijie Shao 749 Jun Yang Jun-Xi Wu, Hao-Yu Li, Shengzhe Gan 750 Anock Somadder Ibrahim Hossain, Siratul Islam, Rimon Acharjee 761 Chunhong Long Sijie Tan, Yuchen Dong, Huanyao Zeng 769 Nana Pan Limiao Xie, Xin Yang, Kexin Zou 771 Song Ge Ye Lan, Shan Zihao 772 Han Wenjuan Wu Qiuyu, Han Rongkun, Weng Zhijie	Chongqing University of Posts and Telecommunications Southern University of Science and Technology - China Shahjalal University of Science and Technology e Sumon Chongqing University of Posts and Telecommunications Chongqing University of Posts and Telecommunications Shanghai Ocean University Qingdao University		Bronze Medal Bronze Medal Bronze Medal Bronze Medal Bronze Medal Bronze Medal
Saima Alam 748 Ruiheng Pan Jiayu Zheng, Rongyu Wang, Shijie Shao 749 Jun Yang Jun-Xi Wu, Hao-Yu Li, Shengzhe Gan 750 Anock Somadder Ibrahim Hossain, Siratul Islam, Rimon Acharjee 761 Chunhong Long Sijie Tan, Yuchen Dong, Huanyao Zeng 769 Nana Pan Limiao Xie, Xin Yang, Kexin Zou 771 Song Ge Ye Lan, Shan Zihao 772 Han Wenjuan Wu Qiuyu, Han Rongkun, Weng Zhijie 775 Anock Somadder	Chongqing University of Posts and Telecommunications Southern University of Science and Technology - China Shahjalal University of Science and Technology e Sumon Chongqing University of Posts and Telecommunications Chongqing University of Posts and Telecommunications Shanghai Ocean University Qingdao University Shahjalal University of Science and Technology		Bronze Medal Bronze Medal Bronze Medal Bronze Medal Bronze Medal
Saima Alam 748 Ruiheng Pan Jiayu Zheng, Rongyu Wang, Shijie Shao 749 Jun Yang Jun-Xi Wu, Hao-Yu Li, Shengzhe Gan 750 Anock Somadder Ibrahim Hossain, Siratul Islam, Rimon Acharjee 761 Chunhong Long Sijie Tan, Yuchen Dong, Huanyao Zeng 769 Nana Pan Limiao Xie, Xin Yang, Kexin Zou 771 Song Ge Ye Lan, Shan Zihao 772 Han Wenjuan Wu Qiuyu, Han Rongkun, Weng Zhijie 775 Anock Somadder Mahfuja Rahman, Sakib Ahmed Raju, Mohamu	Chongqing University of Posts and Telecommunications Southern University of Science and Technology - China Shahjalal University of Science and Technology e Sumon Chongqing University of Posts and Telecommunications Chongqing University of Posts and Telecommunications Shanghai Ocean University Qingdao University Shahjalal University of Science and Technology mad Imran Bin Kashem		Bronze Medal Bronze Medal Bronze Medal Bronze Medal Bronze Medal Bronze Medal Bronze Medal
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8			ongqing University of Posts and Telecommunications	А	Bronze Medal
		Denghang Li, Wenjie Yan, Yang Bai			
8	310		ulna University	А	Bronze Medal
		Asif Alamgir, Ashifur Rahman Shifat, Al Hera Rafa			
8	312	Chang Lai Cho	ongqing University of Posts and Telecommunications	А	Bronze Medal
		Linzhuo Pang, Chenyi Hu, Xianle Jiang			
8	319	Vikas Chauhan Un	iversity of Delhi	А	Bronze Medal
		Arman Yusuf, Mohsin Imran, Aakil			
8	331		tholieke Universiteit Leuven	А	Bronze Medal
		Martin György Rezessy, Rajveer Anil Nair			
1			iversity of Chittagong	A	Acc. Competitor
		Shaily Barua Traya		_	
1	105		iversity of Chittagong	A	Acc. Competitor
		Farhana Binta Rahman	in a write of Dhala	•	
1			iversity of Dhaka	A	Acc. Competitor
1		Al-Mouid Mohammed Hasibul Haque, Zafar Sadik	ina University of Mining and Technology	^	Acc. Competitor
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-		Roy A Humphreys, Jerry W Johns, Robert A Price			
1	119		inese University of Hong Kong	А	Acc. Competitor
		Qirui HE, Xinye ZHANG, Zhongwen ZHANG	, , ,		·
1	L26	Jaseer Ahmed Sha	ahjalal University of Science and Technology	А	Acc. Competitor
		Md. Sabbir Hasan Talukder, Taslima Akter Tinni, S	umaya Islam Chowdhury		
1	L29	Chaoling Du Na	njing University of Aeronautics and Astronautics	А	Acc. Competitor
		Jinkai Yang, Shiyue Wu, Yixuan Yuan			
1	136		njing University of Aeronautics and Astronautics	А	Acc. Competitor
		Ran Peng, Ning Yang, You Mengyuan			
1	137	-	njing University of Aeronautics and Astronautics	A	Acc. Competitor
		Chen Mohan, Wang Yuanliang, Mao Hanwen			
1	138		iversity of Chittagong	A	Acc. Competitor
1	112	Mohammed Iftekhar, Pretam Das, Md. Hasan Mał Zijie Qu UN	nmud Sajib A-SJTU Joint Institute	^	Acc Compositor
1		Junyu Fan, Yue Yu, Zheqi Hu		A	Acc. Competitor
1			njing University of Aeronautics and Astronautics	А	Acc. Competitor
	144	Hou Chenyang, Yang Xiaoying, Guo Jixiao	ing oniversity of Aeronautics and Astronautics	~	Acc. competitor
1	46		il Aviation University of China	А	Acc. Competitor
		Huang Tian, Li Jialin, Chang Bohai			nee. competitor
1	L47		il Aviation University of China	А	Acc. Competitor
		WANG Yi, CONG Wenxuan, Al Jiabin	,		
1	L49		njing University of Aeronautics and Astronautics	А	Acc. Competitor
		Chang Xiangdi, Zhang Jinkun, Yu Jianguo			
1	153	Bole Chen Che	ongqing University of Posts and Telecommunications	А	Acc. Competitor
		Chunhao Zhang, Rui Xiao, Yuting Feng			
1		-	anghai Jiao Tong University	А	Acc. Competitor
		Shanshui Wanyan, Yu Ding, Tianyu Peng			

158 Kan Caixia	Nanjing University of Aeronautics and Astronautics	A	Acc. Competitor
Luo Aiwei, Liu Yewen, Yang Shimin 160 Bole Chen	Chongqing University of Posts and Telecommunications	Δ	Acc. Competitor
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162 Bole Chen	Chongqing University of Posts and Telecommunications	А	Acc. Competitor
Ziyi Zhou, Entong Wang, Haoxin Liu			
163 Haiping Wu	Nanjing University of Science and Technology	A	Acc. Competitor
Ke Du, Yiyan Cui, Shengjie Feng	Naniing University of Science and Technology	٨	Acc. Compatitor
166 Haiping Wu Weiyu An, Jianguang Yi, Xiaomeng Li	Nanjing University of Science and Technology	A	Acc. Competitor
172 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
ZhiNing Pu, MengDie Xie, LeTao Zheng			· · · · · · · · · · · · · · · · · · ·
174 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Heng Lu, Hao Jiang, JinGe Liu			
176 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Peng Zhang, Zhuonan Wang, Ronghao Zhang			
177 Haiping Wu	Nanjing University of Science and Technology	A	Acc. Competitor
Leyang Li, Zhengyang Yuan, Baofeng Xia 180 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Tong Lu, Canran Xia, Yujuan Cao	Nanjing oniversity of selence and reclinitionsy	~	Acc. competitor
183 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Xie Haitao, Hu Kaiwen, Zhai Yujia			
186 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Yu Xing, Yijin Chen, Bo Wu			
187 Haiping Wu	Nanjing University of Science and Technology	A	Acc. Competitor
Xiaohan Tang, Jingyi Ding, Qiuhan Cai	Negling University of Science and Technology	•	Ass. Compatitor
189 Haiping Wu Changcheng Lu, Wenyue Liu, Hongqiang Lu	Nanjing University of Science and Technology	A	Acc. Competitor
191 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Jiahao Qu, Zichun Ma, Kaifeng Meng			, leer competitor
192 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Xinya Fang, Ye Yuan, Jiajing Li			
193 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Zhaoyuan Ni, Yuheng Mi, Yuanhao Li			
194 Haiping Wu	Nanjing University of Science and Technology	A	Acc. Competitor
Qiqige WuYun, Yu Gao, Shanyu Li 195 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Qingming Xie, Zhuoxi Ding, Rongjun Chen	Nanjing oniversity of selence and reclinitionsy	~	Acc. competitor
198 Guangan Wang	Nanjing University of Science and Technology	А	Acc. Competitor
Ting Hao, Yun Li, Yuefan Wei			
199 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Dingsai Song, Jinxin Tao, Chunlin Ren			
200 Haiping Wu	Nanjing University of Science and Technology	A	Acc. Competitor
Yanhua He, Zuquan Yu, Yalin Li 206 Haiping Wu	Nanjing University of Science and Technology	A	Acc. Competitor
Liao Binjie, Wang Shuchen, Gao Xinyu	Nanjing University of Science and Technology	A	Acc. competitor
207 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Xuran Chen, Junhao Chen, Lihong Wang	, , , , , , , , , , , , , , , , , , , ,		•
208 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Jiahao Yang, Mingxuan Yang, Junkang Fang			
209 Haiping Wu	Nanjing University of Science and Technology	A	Acc. Competitor
Yujia Lin, Lin Su, Fengzhu Zeng			

212	Guangan Wang	Nanjing University of Science and Technology	А	Acc. Competitor
214	Xinyi Zhang, Jinyuan Hu, Xinyi Shi Haiping Wu	Naniing University of Science and Technology	A	Acc Compatitor
214	LiHui Liu, Gubin Li, Chenglong Liu	Nanjing University of Science and Technology	A	Acc. Competitor
215	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
	Jinxi Tan, Jiaqi Guo, Da Zhong			
216	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
	Shuchen Liu, Xinyue Lu, Fuyi Fan			
220	Haiping Wu	Nanjing University of Science and Technology	A	Acc. Competitor
221	Yongshuai Li, Guohang Qi, Hongxin Fan	Nanjing University of Science and Technology	А	Acc. Competitor
221	Haiping Wu Haoming Lan, Kexu Fan, Yize Liu	Nanjing Oniversity of Science and Technology	А	Acc. competitor
224	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
	Di Zhang, Jialu Xu, Zhijie Li			· · · · · · · · · · · · · · · · · · ·
226	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
	Cheng Zhihui, Wang Chengmeng, Zhang Zhany	ri		
228	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
	Hengdang Cheng, Chengqin Ben, Xinyu Gu			
229	Haiping Wu	Nanjing University of Science and Technology	A	Acc. Competitor
220	Liu Guorui, Chen Ying, Bu Lingxin Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
250	Kaiyuan Yang, Huan Wang, Qing Cai	Wanjing Oniversity of Science and Technology	~	Acc. competitor
231	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
	Yihan Zhang, Pengcheng Li, Zhihao Zhang	, , , , , , , , , , , , , , , , , , , ,		•
235	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
	Tianchi Ma, Jianhao Mou, Boyi Huo			
237	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
	Xiaohan Huang, Ruiqi Yang, Xinyue Li			
241	Haiping Wu	Nanjing University of Science and Technology	A	Acc. Competitor
2/2	Wang Hongyi, Li Qiushi, Li Zhenyuan Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
243	Zixian Wang, Chen Xu, Lingxiao Sun	Wanjing Oniversity of Science and Technology	A	Acc. competitor
244	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
	Ranqi Cui, Xinyu Zhu, Yuheng Hu	, , , , , , , , , , , , , , , , , , , ,		•
249	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
	Zetong Li, Yifei Zhuang, Jun Lin			
254	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
255	Yueqiang Li, Yitong Liu, Jingyi Yang	New in a University of Crimer and Tasky along	•	Ass. Compatitor
255	Haiping Wu Sunyong Li, Jinchun Liao, Wei Peng	Nanjing University of Science and Technology	A	Acc. Competitor
256	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
200	Jinxiang Zhang, Wenkang Yu, Yuyue Xiong			
257	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
	Can Wang, Zhiwei He, Chaowei Pan			
259	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
	Zhenqing Pan, Yanting Liu, Yiheng Wu			
265	Can Li	Nanjing University of Science and Technology	A	Acc. Competitor
260	Weilin Wang, Lei Li, Xurumeng Fang	Nanjing University of Science and Technology	٨	Acc Compatitor
209	Haiping Wu Yaoguang Wu, Tianyou He, Junhao Zhang	manying oniversity of science and rechnology	A	Acc. Competitor
278	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
	Yu Yuan, Chengjie Li, Changbin Miao	,		- F
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279 Haiping Wu	Nanjing University of Science and Technology	A	Acc. Competitor
Yingxi Liu, Ya Gao, Feilin Liu 284 Guangan Wang	Nanjing University of Science and Technology	А	Acc. Competitor
Chenghao Guan, Xizhuo Chen, Junteng Hu	Nanjing University of Science and Technology	A	Acc. competitor
291 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Yuanyuan Wang, Xinxian Tu, Shihan Guan			
299 Haixia Ma	Nanjing University of Aeronautics and Astronautics	А	Acc. Competitor
Jinkun He, Jiadong Chen, Yuhang Huang			
300 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Xiheng Zhang, Shuan Liu, Han Zhang			
302 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Ye Chengzhi, Yu Zhengyang, Liu Xikun			
305 Haiping Wu	Nanjing University of Science and Technology	A	Acc. Competitor
Muyang Xie, Fan Liu, Haiqiang Ye	Negling University of Colones and Taskasland	•	Ass Commetites
306 Haiping Wu Xiaozhi Wang, Guohang Sun, Junhao Wang	Nanjing University of Science and Technology	A	Acc. Competitor
307 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Xu Zhou, Yue Chen, Mozi Wang	Nunjing oniversity of science and reenhology	~	Acc. competitor
308 Du Chaoling	Nanjing University of Aeronautics and Astronautics	А	Acc. Competitor
Haonan Jin, Shichao Tian, Lingsong Luo			
310 Hu Dongsheng	Nanjing University of Aeronautics and Astronautics	А	Acc. Competitor
Liang Yuqi, Chen Yujia, Sun Shuang			
311 Guangan Wang	Nanjing University of Science and Technology	А	Acc. Competitor
Shuangning Shi, Qiuyue Ma, Chengqian Wu			
312 Haiping Wu	Nanjing University of Science and Technology	A	Acc. Competitor
Qinwen Deng, Zhichao Jiang, Chenghan Yang	New York, University of Caine and and Tasky along	•	
315 Haiping Wu Jiajia Yuan, Hanxiong Yu, Zhenqing Lei	Nanjing University of Science and Technology	A	Acc. Competitor
321 Guang Wang	Nanjing University of Science and Technology	А	Acc. Competitor
Mingxiang Zhu, Tianyu Wang, Ming Yang	Nations of sector and recimology	~	Acc. competitor
324 Zijie Qu	Shanghai Jiao Tong University Joint Institute	А	Acc. Competitor
Tianqing Zheng, Keqian Hua, Yuhe Chen			
333 Wei Chao	Beijing Normal University	А	Acc. Competitor
Yige Zhang, Yihao Chen, Wang Yuan			
341 Zijie Qu	Shanghai Jiao Tong University Joint Institute	А	Acc. Competitor
Yiyang Tang, Jiewen Xiao, Hengji Sun			
342 Zijie Qu	Shanghai Jiao Tong University Joint Institute	A	Acc. Competitor
Zibo Wei, Fanqing Kong, Youzhen Zhao 344 Hu Dongsheng	Nanjing University of Aeronautics and Astronautics	۸	Acc. Competitor
Shen Xinyan, Wang Jiayi, Xie Yajing	Nanjing University of Aeronautics and Astronautics	A	Acc. Competitor
345 Zijie Qu	Shanghai Jiao Tong University Joint Institute	А	Acc. Competitor
Bai JiaYue, Zhang ZeYu, Ge ShaoBin		7.	i loor competitor
346 Wang Changshun	Nanjing University of Aeronautics and Astronautics	А	Acc. Competitor
Zhou Siwei, Wang Han, Zhang Hexin			
348 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Zhe Li, Junjie Yu, Xinyang Zhang			
349 Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
Jiangxi Chen, Fanbo Qiao, Tianyue Wang		_	
350 Guangan Wang	Nanjing University of Science and Technology	A	Acc. Competitor
Zifeng Li, Yuchen Shen, Linhan Xia	Naniing University of Science and Technology	٨	Acc Compatitor
352 Haiping Wu Yi Chen, Fujing Tan, Haoyang Li	Nanjing University of Science and Technology	A	Acc. Competitor
n chen, rujing rah, nauyalig Li			

356	Xiaobing Luo	Chongqing University of Posts and Telecommunications	А	Acc. Competitor
359	Houbo Li, Shuijie Zhang, Wenzhe Ding Du Chaoling	Nanjing University of Aeronautics and Astronautics	А	Acc. Competitor
360	Wang Xuezhe, Xu Zehui, Chen Junming Zijie Qu	Shanghai Jiao Tong University Joint Institute	А	Acc. Competitor
	Yuqian Shen, Chiheng Zhu, Yicheng Liao			
363-1	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
363-2	Haofei Yang, Yifan Cheng, Jiacheng Deng Fengjiao Qian	Nanjing University of Aeronautics and Astronautics	A	Acc. Competitor
505 2	Ting Liu, Kehan Zhu, Jingyu Qi		7.	Nee. competitor
364	Haiping Wu	Nanjing University of Science and Technology	А	Acc. Competitor
	Yixuan Wang, Bicheng Chen, Chengjun Feng			
370	Zijie Qu	Shanghai Jiao Tong University Joint Institute	A	Acc. Competitor
271	Yanzhe Yang, Zihang Ni, LeQi Tang Shuiyan Cao	Nanjing University of Aeronautics and Astronautics	A	Acc. Competitor
5/1	Shijie Xu, Can Huang, Bin Jiang	Nanjing University of Aeronautics and Astronautics	A	Acc. competitor
372	Zijie Qu	Shanghai Jiao Tong University Joint Institute	А	Acc. Competitor
	Dongtai Wu, Yonghao Hua, Jin Zhang			
373	Zijie Qu	Shanghai Jiao Tong University Joint Institute	А	Acc. Competitor
	Yubin He, Yaotian Cui, Dongze Wu			
375	Li Yanqiang	Qingdao University	A	Acc. Competitor
202	Wang Qixin, Wang Chaojie, Zhang Yao Haiping Wu	Nanjing University of Science and Technology	٨	Acc. Competitor
202	Qizhi Dai, Linaonao Zhou, Minze Li	Nanjing University of Science and Technology	A	Acc. competitor
384	Liang Qiu	China University of Mining and Technology	А	Acc. Competitor
	Jianing Zhang, Yuansong Lin, Jinchi Yao	, 6 6,		
385	Yanqiang Li	Qingdao University	А	Acc. Competitor
	Jiayu Yao, Junxiao Lu, Weilin Zhu			
388	Hu Yanmin	Civil Aviation University of China	A	Acc. Competitor
204	Zou Chaoze, Wang Minghao, Mao Wenyi		^	A
394	Guo Li Li Hongshuai, Wu Yixiang, Zhang Zhengxiang	Qilu University of Technology	A	Acc. Competitor
396	Guo Li	Qilu University of Technology	A	Acc. Competitor
	Wang Ke, Zhang Shanchen, Liu Peishuo			
397	Hu Tao	Qilu University of Technology	А	Acc. Competitor
	Sun Ruona, Wang Mengmeng, Jia Xinru			
398	Guo Li	Qilu University of Technology	А	Acc. Competitor
400	Zhang Wenqing, Zhang Shuangshuang, Wei Sh		٨	
400	Guo Li Zhang Xiaoyu, Lu Wenhao, Kong Yukun	Qilu University of Technology	A	Acc. Competitor
402	Zhang Meina	Qilu University of Technology	A	Acc. Competitor
	Tan Qingyang, Li Yujie			
410	Gao Xingguo	Qilu University of Technology	А	Acc. Competitor
	Yu Hongbo, Chen Shizun, Zhou Zipeng			
411	Lei Jie	Qilu University of Technology	А	Acc. Competitor
	Li Tingshun, Song Yuqing, Wang Meixuan			
423	Haiping Wu Xi Yu Yungi Mang Jingui Zhu	Nanjing University of Science and Technology	A	Acc. Competitor
<u>1</u> 71	Xi Yu, Yunqi Wang, Jingyi Zhu Shuiyan Cao	Nanjing University of Aeronautics and Astronautics	A	Acc. Competitor
424	Zixuan Zou, Canghai Wang, Shangyi Dong	The sing of reconductes and Astronautes		, lee. competitor
425	Zijie Qu	Shanghai Jiao Tong University Joint Institute	А	Acc. Competitor
	Yuan Ziheng, Luo Haixin, Huang Jinghan			

429 Saulo Mendes Shanghai Jiao Tong University Joint Institute A Acc. Competitor Ye Zewei, Zeng Tangzuan, Chen Mo University Of Chittagong A Acc. Competitor 430 A. K. M. Ariful Hoque Siddique University of Chittagong A Acc. Competitor Md. Abdul Kader, Kanai Chandra Sarker, Md. Mutter Ali Shanghai Jiao Tong University Joint Institute A Acc. Competitor 431 Long Bai China University of Mining and Technology A Acc. Competitor Yaige Wei, Zhiguo Duan, Yanzhe Sun The American University of the Middle East A Acc. Competitor 30 Orhan Donmez The American University of the Middle East A Acc. Competitor Ja Orhan Donmez The American University of the Middle East A Acc. Competitor Ja Orhan Donmez Nahul University A Acc. Competitor Ja Orhan Donmez XiTuU A Acc. Competitor Di Yun, Bohan Zhang, Mingu Yang XiTuU A Acc. Competitor Horis Greenigt XiTuU A Acc. Competitor Roor RAK, Hofel Wang, Jingchuan Chen University of Chintagong A Acc. Competitor Manamed Nasing Hang University					
430 A.K.M. Anful Hoque Siddique University Of Chittagong A Acc. Competitor 31 Zije Qu Shanghai Jiao Tong University Joint Institute A Acc. Competitor 31 Zije Qu Shanghai Jiao Tong University Joint Institute A Acc. Competitor 321 Jeig Bai China University of Mining and Technology A Acc. Competitor 321 Jeig Wei, Zhigue Duan, Yanzhe Sun The American University of the Middle East A Acc. Competitor 323 Orhan Donmez The American University of the Middle East A Acc. Competitor 323 Orhan Donmez The American University of the Middle East A Acc. Competitor 424 Fang Li Anhu University A Acc. Competitor 52 Nones Greeningt XITU A Acc. Competitor 71 Vin, Rohan Zhang, Mingyu Yang Xian Jiaotong-Liverpool University A Acc. Competitor 71 Kan Chen, Ran U, Shunyu Nan VITU A Acc. Competitor 71 Kan Chen, Ran U, Shunyu Nan University of Chittagong A Acc. Competitor 71 Kan Chen, Ran U, Shunyu Nan University of Chittagong A Acc. Competitor 72 Machen, Ran U, Shunyu Nan University of C	429	Saulo Mendes	Shanghai Jiao Tong University Joint Institute	А	Acc. Competitor
Md. Abdul Kader, Kanal Chandra Sarker, Md. Mukter Ali 431 Zijie Qu Shanghai Jiao Tong University Joint Institute A Acc. Competitor Jingwen Yang, Yunxiang Yao, Yiyu Wang China University of Mining and Technology A Acc. Competitor 434 Long Bai China University of Mining and Technology A Acc. Competitor 437 Bachar Mourched The American University of the Middle East A Acc. Competitor 430 Johan Danmez The American University of the Middle East A Acc. Competitor 439 Taojin Pang Anhui University A Acc. Competitor 434 Fang Li Jumanah Shehab, Zainab Husain Anhui University A Acc. Competitor 439 Xiaoying Pang Xi'an Jiaotong-Liverpool University A Acc. Competitor Bing Rong Dang, Mingyu Yang China University of Mining and Technology A Acc. Competitor 450 Niels Greenigt XITLU A Acc. Competitor 19 Yun, Bohan Zhang, Mingu Yang University of Chittagong A Acc. Competitor 451 Rong Zhang China University of Chittagong A Acc. Competitor 19 Abridiah Al Shishir, Irfan Hasan, Ajharul Islam A Accc					
431 Zijie Qu Shanghai Jao Tong University Joint Institute A Acc. Competitor Jingwen Yan, Yunxiang Yao, Yiyu Wang China University of Mining and Technology A Acc. Competitor Yajie Wef, Zhiguo Duan, Yanzhe Sun The American University of the Middle East A Acc. Competitor Addullah Faris, Bandar AlAjmi, Mohammad Alotabi The American University of the Middle East A Acc. Competitor Jumanah Ali, Jumanah Shehab, Zainab Husain The American University of the Middle East A Acc. Competitor 440 Fang Li Anhui University A Acc. Competitor Di Yun, Bohan Zhang, Mingyu Yang XITLU A Acc. Competitor Bis Gresnigt XITLU A Acc. Competitor Ruoran Xu, Haofel Wang, Jingchuan Chen Sti Song Zhang A Acc. Competitor Sti Mohammed Nasirul Hoque Universida de Colima A Acc. Competitor Abdullah Al Shishir, Irfan Hasan, Ajharul Islam Versida de Colima A Acc. Competitor Karo Koranda Universida de Colima A Acc. Competitor Karo Koranda Universida de Colima A Acc. Competitor Karo Koranda Woharsong A	430			A	Acc. Competitor
Jingwen Yang, Yunxiang Yao, Yiyu Wang 434 Long Bai China University of Mining and Technology A Acc. Competitor Yajie Wei, Zhiguo Duan, Yanzhe Sun The American University of the Middle East A Acc. Competitor Addullah Faris, Bandar AlAjmi, Mohammad Alotabi The American University of the Middle East A Acc. Competitor Jumanah Ali, Jumanah Shehab, Zainab Husain Anhui University A Acc. Competitor Jumanah Ali, Jumanah Shehab, Zainab Husain Anhui University A Acc. Competitor Jumanah Shehab, Zainab Husain Anhui University A Acc. Competitor Bilg Pang Mang Pang A Acc. Competitor Bilg Pang Kilan Jiniversity of Mining and Technology A Acc. Competitor Vian Chen, Ran Li, Shunyu Nan Vian Chen, Ran Li, Shunyu Nan Acc. Competitor 455 Mohammed Nasirul Hoque University Of Chittagong A Acc. Competitor Salari Corpriante Karenina Hewen, Axel Marvel Mulawan, Jeven Nathanael A Acc. Competitor 459 Alredo Aranda A Acc. Competitor Bandi Vian Jiaotong-Liverpool University A Acc. Competitor 20aling Zhang China University of Mining a					
434 Long Bai China University of Mining and Technology A Acc. Competitor Yajje Wei, Zhguo Duan, Yanzhe Sun The American University of the Middle East A Acc. Competitor Abdullah Faris, Bandar Alzjmi, Mohammad Alotabi Absolution Acc. Competitor Jumanah All, Jumanah Shehab, Zainab Husain A Acc. Competitor 430 Orhan Donnez The American University of the Middle East A Acc. Competitor 440 Fang Li Anhui University A Acc. Competitor 19 Orna Donnez Xi'an Jiaotong-Liverpool University A Acc. Competitor 19 Orna Donnez Zhang, Mingyu Yang XI'LU A Acc. Competitor 450 Niels Gresnigt XITU A Acc. Competitor 710 Gren, Ran Li, Shunyu Nan Stonahamed Nasirul Hoque University of Chittagong A Acc. Competitor 455 Mohammed Nasirul Hoque University of Chittagong A Acc. Competitor 465 Janto V. Sulungbudi Parahyangan Catholic University A Acc. Competitor 478 Attor Xanada Universitad de Colina A Acc. Competitor 470 Janto Romal Nainul Hoque Universitad Act Colina A Acc. Competitor </td <td>431</td> <td></td> <td>Shanghai Jiao Tong University Joint Institute</td> <td>A</td> <td>Acc. Competitor</td>	431		Shanghai Jiao Tong University Joint Institute	A	Acc. Competitor
Yajie Wei, Zhiguo Duan, Yanzhe Sun 137 Bachar Mourched The American University of the Middle East A Acc. Competitor Abdullah Faris, Bandar AlAjmi, Mohammad Alotaibi A Acc. Competitor 1umanah Ali, Jumanah Shehab, Zainab Husain A Acc. Competitor 440 Fang Li Anhui University A Acc. Competitor Petong Chen, Yuanhe Liu, Zixuan Xu A Acc. Competitor 449 Xiaoying Pang Xi'an Jiaotong-Liverpool University A Acc. Competitor Bing Zhang China University of Mining and Technology A Acc. Competitor Ruoran Xu, Haofei Wang, Jingchuan Chen A Acc. Competitor Acc. Competitor 455 Mohammed Nasirul Hoque University Of Chittagong A Acc. Competitor Vifan Chen, Ran Li, Shunyu Nan Acc. Competitor Acc. Competitor 459 Alfredo Aranda Universida de Colima A Acc. Competitor 1an Leonel Rincon Radillo, Cristopher Cerda Puga, Daniel Alejandro Aranda Zamora Acc. Competitor Acc. Competitor 466 Hao Yu Xi'an Jiaotong-Liverpool University A Acc. Competitor 7unina Zhang, Yibing Li, Youlin Zhang China University of Mining and Technology	121		China University of Mining and Technology	^	Acc Compositor
437 Bachar Mourched The American University of the Middle East A Acc. Competitor Abdullah Faris, Bandar AlAjmi, Mohammad Alotabi The American University of the Middle East A Acc. Competitor Jag Orhan Donnez The American University of the Middle East A Acc. Competitor Jaumanh All, Jumanah Shehab, Zainab Husain Anhui University A Acc. Competitor 440 Fang U Annu University A Acc. Competitor Di Yun, Bohan Zhang, Mingyu Yang XITLU A Acc. Competitor 450 Niels Gresnigt XITLU A Acc. Competitor 781 Rong Zhang China University of Chittagong A Acc. Competitor 455 Mohammed Nasirul Hoque Universidad de Colima A Acc. Competitor 455 Janto V. Sulungbudi Parahyangan Catholic University A Acc. Competitor 465 Janto V. Sulungbudi Parahyangan Catholic University A Acc. Competitor 466 Hao Yu Xi'an Jiaotong-Liverpool University A Acc. Competitor 470 Rana Gao, Tiankin Zhang, Sitian Ren Acc. Competitor Acc. Competitor 471 Wardi Syn, Lingchi Zhang, Sitian Ren Acc. Competitor Acc. Comp	454	-	china oniversity of Mining and Technology	A	Acc. competitor
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439 Orhan DonmezThe American University of the Middle EastAAcc. CompetitorJumanah Ali, Jumanah Shehab, Zainab HusainAnhui UniversityAAcc. Competitor440 Fang LiAnhui UniversityAAcc. Competitor449 Xiaoying PangXi'an Jiaotong-Liverpool UniversityAAcc. CompetitorDi Yun, Bohan Zhang, Mingyu YangXi'an Jiaotong-Liverpool UniversityAAcc. CompetitorBis GresnigtXITUAAcc. CompetitorRuoran Xu, Haofei Wang, Jingchuan ChenChina University of Mining and TechnologyAAcc. Competitor455 Nohammed Nasirul HoqueUniversity of ChittagongAAcc. Competitor456 Mohammed Nasirul HoqueUniversidad de ColimaAAcc. Competitor457 Mohammed Nasirul HoqueUniversidad de ColimaAAcc. Competitor458 Into N. SulungbudiParahyangan Catholic UniversityAAcc. Competitor459 Alfredo ArandaKi'an Jiaotong-Liverpool UniversityAAcc. Competitor450 Alang, Yibing Li, Youlin ZhangXi'an Jiaotong-Liverpool UniversityAAcc. Competitor451 University Of Mining and TechnologyAAcc. CompetitorAcc. Competitor452 Alang Sun, Liangchi Zhang, Sitian RenVian Jiaotong-Liverpool UniversityAAcc. Competitor453 RongChina University of Mining and TechnologyAAcc. Competitor454 Hao YuXi'an Jiaotong-Liverpool UniversityAAcc. Competitor455 Rong Reng Guo Zhuoxuan Li, Yufan WangChina University of Mining and Technology <td></td> <td></td> <td>-</td> <td>~</td> <td>nee. competitor</td>			-	~	nee. competitor
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Hanyu Liu, Hongyu Li, Sinong Liu	490		China University of Mining and Technology	A	Acc. Competitor
		nanyu Liu, Hongyu Li, Sinong Liu			

491	Jia Ran	Chongqing University of Posts and Telecommunications	А	Acc. Competitor
492	Wei Dong, Linjunjie Li, Feixiao Li Jia Ran	Chongqing University of Posts and Telecommunications	Δ	Acc. Competitor
452	Lingxuan Zhou, Chunde Zhu, Hongtao Wang	enongqing onversity of rosts and relecontinumentions	7.	Neel competitor
495	Quazi Muhammad Rashed-Nizam Sazzadul Islam , Sanjana Tabassum Nova	University of Chittagong	A	Acc. Competitor
497	Hao Wu Yongzhuo An, Runze Li, Tianshuo Li	Qingdao City University	А	Acc. Competitor
498	Dai Jianwei Yang Tianyi, Zhang Yuting, Gao Qingyu	Qingdao City University	А	Acc. Competitor
499	Thijs Kouwenhoven	Xi'an Jiaotong-Liverpool University	А	Acc. Competitor
500	Haodong.Song, Zhangyuan.Qin, Ziming.Tang Jie Zhao	Qingdao City University	А	Acc. Competitor
507	Gao Rancui, Yu Xiang Cui, Qi Dan Sam Cassidy	University College London	А	Acc. Competitor
509	Edward Clayson Liang Honglin	Qingdao City University	А	Acc. Competitor
510	Yin Taisheng, Wan Qihao, Xu Fei Zhang Lei	China University of Mining and Technology	A	Acc. Competitor
511	Zhao Hongbo, Xing Zhiwei, Li Lang Long Bai	China University of Mining and Technology	А	Acc. Competitor
	Yiyu Sun, Zhenxian Wu, Gaoyvan Luo			
512	Xiaoying Pang	Xi'an Jiaotong-Liverpool University	А	Acc. Competitor
	Yan Zhu, Weihang Guo, Yingbo Hao			
515	Yanqiang Li	Qingdao University	А	Acc. Competitor
	Yvhao Qi, Shuaiqing Peng, Haichao Ma			
517	Farhad Shahbazi	Isfahan University of Technology	A	Acc. Competitor
519	Matin Shakeri, Kourosh Bayati Komitaki, Moha Lei Zhang	China University of Mining and Technology	А	Acc. Competitor
523	Zhenyu Lin, Yirun Zhang, Heng Zhou Ma Yan	Tongji University	А	Acc. Competitor
F 2 C	Lin Wanxian, Ni Xin, Lin Zaizhong	Tan ali University	•	
520	Ma Yan Luo Wenxi, Liu Lunshang, Hu Yinze	Tongji University	A	Acc. Competitor
528	Ma Yan Ji Jiaqi, Lu Yufei, Zang Moyun	Tongji University	А	Acc. Competitor
529	Ma Yan Min Yuankun, Chen Ziang, Liu Jiacheng	Tongji University	А	Acc. Competitor
530	Ma Yan Zhang Tingyi, Zhao Shibo, Sun Shengbo	Tongji University	А	Acc. Competitor
532	Ma Yan	Tongji University	А	Acc. Competitor
534	Zhang Enming, Feng Wenzhe, Yang Binrui Ma Yan	Tongji University	А	Acc. Competitor
525	Liu Zhouxinyuan, Ruan Hansheng, Zhang Yuku Ma Yan	n Tongji University	А	Acc. Competitor
222	Jin Yuqin, Huang Jiarui, Liu Chong		A	Acc. competitor
538	Ma Yan Gu Qiyang	Tongji University	A	Acc. Competitor
542	Fang Kai	Tongji University	A	Acc. Competitor
543	Bai Zhenqiang, Yuan Jiayi, Wang Xining Fang Kai	Tongji University	A	Acc. Competitor

F 4 C	Yuan JiaPeng	To a still be in society.	•	
546	Fang Kai	Tongji University	A	Acc. Competitor
F 4 7	Niu Kemeng	Tongii University	^	Acc Compositor
547	Fang Kai	Tongji University	A	Acc. Competitor
FEO	Xu Meilin, Zhang Jiale	Tongii University	٨	Acc. Compositor
550	Fang Kai Shi Hongyu	Tongji University	A	Acc. Competitor
555	Fang Kai	Tongji University	А	Acc. Competitor
555	Sun Chengyou		~	Acc. competitor
556	Fang Kai	Tongji University	А	Acc. Competitor
550	Qu Ruixuan		/ (, leer competitor
560		Tongji University	А	Acc. Competitor
	Sheng Haoyuan, Ai Yongting, Si Wen			
562	Zhang Jianwei	Tongji University	А	Acc. Competitor
	Gao Yanbo, Liu Shuqi, Xiao Zhihui			
563	Zhang Jianwei	Tongji University	А	Acc. Competitor
	Yang Yaobin			
567	Zhang Jianwei	Tongji University	А	Acc. Competitor
	Liu Xiaoyang			
571	Zhang Jianwei	Tongji University	А	Acc. Competitor
	Ji Xiaoran, Jia Chenhao			
576	Zhang Jianwei	Tongji University	А	Acc. Competitor
	Lin Yapeng, Yang Hao			
577	Zhang Jianwei	Tongji University	A	Acc. Competitor
	Mu Keming, Fan Benxuan, Xia Tian	_		
583	Zhang Jianwei	Tongji University	A	Acc. Competitor
F07	Su Zhaohan	Tongii University	^	Acc Compositor
201	Zhang Jianwei Yuwen Jiachun	Tongji University	A	Acc. Competitor
590	Zhang Jianwei	Tongji University	А	Acc. Competitor
550	Nan Xiangjun		~	Acc. competitor
591	Zhang Jianwei	Tongji University	А	Acc. Competitor
001	Min Chenjia			
594	Zhang Jianwei	Tongji University	А	Acc. Competitor
	Liu Chongwen, Zhang Qichao, Wang Zexuan			
598	Zhang Jianwei	Tongji University	А	Acc. Competitor
	Yang Guanyi, Tong Yuhang, Li Yongkang			
599	Zhang Jianwei	Tongji University	А	Acc. Competitor
	Luo Mohan, Zhou Han, Ding Yicheng			
601	Zhang Jianwei	Tongji University	А	Acc. Competitor
	Wang Xiao, Zhang Haoyu, Li Ming			
607	Zhang Jianwei	Tongji University	А	Acc. Competitor
	Feng Bo, Wang Muzi			
610	Md Enamul Hoque	Shahjalal University of Science and Technology - Sylhet	А	Acc. Competitor
	Md Soriful Islam			
612	Xia Wangsuo	China University of Mining and Technology	А	Acc. Competitor
	Zhang Shuai, Li Ziyan, Yuan Hanrui			-
613	Md. Farhad Uddin	University of Chittagong	А	Acc. Competitor
-	Md. Abu Azad Tamim, Usama Ibn Aziz, Moham			
614	Kunyu Sun	Qingdao City University	А	Acc. Competitor
	Zhe Li, Xianwang Chi, Tong Li			

617 Yanhong Li Ziyu Huang, Yuang Sheng, Lupeng Zhang	Chongqing University of Posts and Telecommunications	A	Acc. Competitor
618 Yanhong Li	Chongqing University of Posts and Telecommunications	А	Acc. Competitor
Mingxuan Shi, Yuxuan Gao, Zhixiang Xu 623 Xi Chen	Xi'an Jiaotong-Liverpool University	A	Acc. Competitor
Yuxiao Xue, Ruizhi Wang, Xiao Lan	Oingdon City University	٨	Acc Compositor
624 Sun Kunyu Che Yueyang, Liu Yujun, Zhong Xiaoqing	Qingdao City University	A	Acc. Competitor
625 Arthur Moraes	Xi'an Jiaotong-Liverpool University	А	Acc. Competitor
Yihui Lu, Yichen Xue, Chengke Zhang			
626 Zijie Qu	Shanghai Jiao Tong University Joint Institute	А	Acc. Competitor
Borong Zou, Haobo Shen, Yijue Zhang			
627 Shi Tianyu	Qingdao City University	А	Acc. Competitor
Liang Changjin, Zhang Zheng, Tian Zhaoqi			
628 Qiang Gao	Qingdao City University	А	Acc. Competitor
Hong Zhe Kong, Yuhang Hanli, Li Chaosun			
633 Kunyu Sun	Qingdao City University	А	Acc. Competitor
, Yuxi Jiang, Menghan Dong, Donghan Wang			
639 Long Bai	China University of Mining And Technology	А	Acc. Competitor
Jiacheng Chen, Zhiyuan Xia, Yuting Ren			
641 Lei Zhang	China University of Mining and Technology	А	Acc. Competitor
Sijie Yin, Xiaoyi Xu, Shuhui Zhou			
643 Wangsuo Xia	China University of Mining and Technology	А	Acc. Competitor
Yiyuan Wang, Yikai Wang, Weihao Jiang			
651 Guangan Wang	Nanjing University of Science and Technology	А	Acc. Competitor
Zhikai Ma, Fan He, Hankang Hu	, , , , , , , , , , , , , , , , , , , ,		
655 Li Yanqiang	Qingdao University	А	Acc. Competitor
Li Huilan, Yang Xiao, Wang Zihan			
658 Yan Zhao	Xi'an Jiaotong Liverpool University	А	Acc. Competitor
Xiaoyu Mi, Chenyu Fang, Rui Hu			
679 Yi Wenjun	National University of Defense Technology	А	Acc. Competitor
Feng Jiaxi, Liu Dingyu, Wei Jiarui	, 3,		
683 Qin Jingu	National University of Defense Technology	А	Acc. Competitor
Zhao Yishu, Tan Guiqiu, He Wenjie	, 3,		
691 Li Chunyan	National University of Defense Technology	А	Acc. Competitor
An Haodong, Wang Wei, He Zhefeng			
695 Yang Zhang	China University of Mining and Technology	А	Acc. Competitor
Yaying Wei, Jie Cai, Shuang Ma	, 6 6,		
696 Thai Truyen Dai Chan	Vietnamese - German University	А	Acc. Competitor
Ho Dac Thao Van, Nguyen Phuc Truong Hung			
698 Hao Wu	Qingdao City University	А	Acc. Competitor
Hong Li, Xiaofeng Ma, Chunfa Wang			
701 David Olsgaard	Simpson College - Iowa	А	Acc. Competitor
Ethan Sipos, Christopher Duane, Bella Dix			·
702 David Olsgaard	Simpson College - Iowa	А	Acc. Competitor
Noah King, Christopher Olds, Kalen Stefanick			
712 Zijie Qu	Shanghai Jiao Tong University	А	Acc. Competitor
Qiuji Hua, Jiasheng Pan, Jiangyuan Chen			
713 Li Yanqiang	Qingdao University	А	Acc. Competitor
Zhang Zhongsheng, Du Wenkai, Wang Wenh			
726 Wang Xin	National University of Defense Technology	А	Acc. Competitor
-			

	Chen Zhuofan, Li Ruiming, Zhou Xinhao			
727	Zhang Lili	National University of Defense Technology	А	Acc. Competitor
	Wang Qiyuan, Wang Haijun, Lu Haozong			
728	Qi Xinshe	National University of Defense Technology	А	Acc. Competitor
	Zhou Yutao, Zhao Fucheng, Xu Siyu			
731	Zhang Ajie	National University of Defense Technology	А	Acc. Competitor
	Lin Lianjian, Shan Yuhan, Cai Guolin			
732	Qi Lihua	National University of Defense Technology	А	Acc. Competitor
	Yan Zepeng, Wang Yanchen, Pan Weibin			
734	Xing Dongqiu	National University of Defense Technology	А	Acc. Competitor
	Zhao Ziyue, Hu Bingxuan, Xiao Yu			
743	Quazi Muhammad Rashed-Nizam	University of Chittagong	A	Acc. Competitor
	Farhan Md. Imran Anjum, Rayhan Uddin , Moh			
745	Hu Chen	Qingdao University	A	Acc. Competitor
740	Li Hengguang, Chen Jingyuan, Jinquan	New York, University of Colours and Taska share	•	
746	Guangan Wang	Nanjing University of Science and Technology	A	Acc. Competitor
747	Jin Li, Ming Han, Zhihao Cao	Chongging University of Posts and Telecommunications	٨	Acc. Competitor
/4/	Heyu Sun Jinzhou Zhang, Wanshun Zong, Qing Yan	chongqing University of Posts and Telecommunications	А	Acc. Competitor
751	Jinzhou Zhang, Wanchun Zeng, Qing Yan Anock Somadder	Shahjalal University of Science and Technology	А	Acc. Competitor
/51	Niloy Bhowmick, Meherazul Hasan, Md. Redw		A	Acc. competitor
752	Zhang Lei	China University of Mining and Technology	А	Acc. Competitor
752	Kermele Marouane, Md Rashid Shabab, Md Al		~	Acc. competitor
753	Hu Dongsheng	Nanjing University of Aeronautics and Astronautics	A	Acc. Competitor
	Ye Caizhong, Song Zexi, Dai Youheng			
754	Zhang Yang	China University of Mining and Technology	А	Acc. Competitor
	Zhang Yichi, Wang Qifan, Du Shangxian			
755	Xiantong Tang	Chongqing University of Posts and Telecommunications	А	Acc. Competitor
	Lin Peng, Junyi Xiong, Siyu Jiang			·
756	Mohammad Nasirul Hoque	University of Chittagong	А	Acc. Competitor
	K.M. Shifat Shahrin Shawcho, Ashika Hossain F	lipa , Sushmita Alam Reya		
758	Sadeka Sultana Rubai	University of Chittagong	А	Acc. Competitor
	Saima Hoque Chowdhury Tarin, Sanghita Dev			
759	XiaoChong Yu	Beijing Normal University	А	Acc. Competitor
	Yuan Wang, Kunkai Dong, Yuheng Du			
760		The University of North Carolina at Chapel Hill	А	Acc. Competitor
	Jasmine Elmrabti			
762	Chunhong Long	Chongqing University of Posts and Telecommunications	A	Acc. Competitor
	Zile Zhang, Yutao Chen, Zixing Zhang			
763	Chunhong Long	Chongqing University of Posts and Telecommunications	A	Acc. Competitor
	Xinyu Li, Qikai Ling, Yihan Liu			
765	Zhiyu Yang	Chongqing University of Posts And Telecommunications	A	Acc. Competitor
700	Ruiyuan Chen, Jiani Ma, Jiye Chu	No when you this and the increasion	•	
/66	Yasuo Ito	Northern Illinois University	A	Acc. Competitor
772	John Ebersole	Changhai Jiao Tong University	٨	Acc Compositor
//3	Qu Zijie Zhang Vufang, Guo Qianving, Shi Changyang	Shanghai Jiao Tong University	A	Acc. Competitor
776	Zhang Yufeng, Guo Qianxing, Shi Chengyang Anock Somadder	Shahialal University of Science and Technology	٨	Acc Competitor
//0	Shaionti Sharmili, Oishwik Sen Bishal, Ishrat Ja	Shahjalal University of Science and Technology	A	Acc. Competitor
777	Anock Somadder	Shahjalal University of Science and Technology	А	Acc. Competitor
,,,	Foysal Hasan, Md. Sazid Hasan, Arnika Tabassi		~	Acc. competitor
779	Krzysztof Turzyński	University of Warsaw	А	Acc. Competitor
.,,,	,		••	

Gniewoj Michalewski, Piotr Borodako, Maks	Gniewoj Michalewski, Piotr Borodako, Maksymilian Wdowiarz-Bilski				
781 Zhimin Huang	China University of Mining and Technology	А	Acc. Competitor		
Xinyao Lin, Jiaxuan Sun, Wenping Xu					
783 Sadat Husain	BRAC University	А	Acc. Competitor		
Sirazzum Munira, Abeer Das, Noor-E-Tasnim	Hiya				
790 Rezaul Azim	University of Chittagong	А	Acc. Competitor		
Md. Ratin Hossain, Md. Shafin Ahmed, Md.	Mobarak Hossen				
791 A.B.M. Obaidul Islam	University of Dhaka	А	Acc. Competitor		
Sumia Sharmin Juthi					
795 S.M Hasibul Hassan Rizvee	Jahangirnagar University	А	Acc. Competitor		
Munna, Habiba Sultana Banna, Oihik Sirin					
796 S.M Hasibul Hassan Rizvee	Jahangirnagar University	А	Acc. Competitor		
M A Shaif, Arefiny Farah Shruty, Shamonti S	arker				
798 S.M Hasibul Hassan Rizvee	Jahangirnagar University	А	Acc. Competitor		
Tuli Nasrin, Nusrat Jahan Lopa, Mohua Most					
803 Krzysztof Turzyński	University of Warsaw	А	Acc. Competitor		
Tomasz Fabian, Iwan Korsunskij					
808 Li Yanqiang	Qingdao University	А	Acc. Competitor		
Wu Xinrui, Yan Xiaolin, Guo Zhuolin					
814 Anock Somaddar	Shahjalal University of Science and Technology	А	Acc. Competitor		
Maisha Tasnia Mim, Jhinuk Das, Rupa Debna					
817 Yan Yanci	Chongqing University of Posts and Telecommunications	βA	Acc. Competitor		
Chen Ao, Huang Binyao, Liu Yuhang					
818 Yang Yanan	Nanjing University of Aeronautics and Astronautics	А	Acc. Competitor		
Xiong Neng, Li Xuefeng, Zhang Xuan					
820 Anock Somadder	Shahjalal University of Science and Technology	A	Acc. Competitor		
Mahmudur Rahman Mahin, Rahul Deb Nath	•				
821 Jasper Halekas	University of Iowa	A	Acc. Competitor		
Fiona Holmes, Owen Fiedorowicz, Ryan Dun					
822 Nazia Chawdhury	Shahjalal University of Science and Technology	A	Acc. Competitor		
Nusrat Jahan Bristy	- · · · · · · ·				
827 Edwin Greco	Georgia Institute of Technology	A	Acc. Competitor		
Siddhant Doshi, Yavan Vyas, Andrew Zhang					
829 Toon van Waterschoot	Katholieke Universiteit Leuven	A	Acc. Competitor		
Shuma Furuya, Mahan Khatib Damavandi					
833 Zijie Qu	Shanghai Jiao Tong University Joint Institute	A	Acc. Competitor		
Zixiao Han, Aoxuan Dong, Ronghuan Liu					

Problem B: Mars Electrical Power

	Sponsor/Students Kan Caixia	Institution Nanjing University of Aeronautics and Astronautics	Prob B	Rank Gold Medal
367	Kan Linjie, Liu Yuxuan, Zhu Jiayi XingZhong Zhu	Nanjing University of Aeronautics and Astronautics	В	Gold Medal
659	JiaTao Hu, ZiKuan Luo, QianFa Tang Liu Yonglu Tang Yao, Ding Hongen, Qin Yanglin	National University of Defense Technology	В	Gold Medal
104	Quazi Muhammad Rashed-Nizam Mariem Absar	University of Chittagong	В	Silver Medal
106	Fang Li Tong Zeqian, Guo Yufan, Zheng Lingyi	Anhui University Stony Brook Institution	В	Silver Medal
124	Lu Junfeng Xia Zhexi, Wang Xiwei, Qiu Zicong	Nanjing University of Aeronautics and Astronautics	В	Silver Medal
131	Li Guang Wang Zhehuze, Luo Yuanbin, Zhang Kaifan	Anhui University	В	Silver Medal
148	Cao Shuiyan Chen Yuanjin, Zhang Fazheng, Chen Yufan	Nanjing University of Aeronautics and Astronautics	В	Silver Medal
164	Haiping Wu JingQiu Xu, FeiYu Xiao, LiuWei Ding	Nanjing University of Science and Technology	В	Silver Medal
245	Haiping Wu Luejian Wang, Shuai Zhang, Xiongjian Tan	Nanjing University of Science and Technology	В	Silver Medal
313	Haiping Wu Zhuo Chen, Jiahui Liu, Jiawei Wang	Nanjing University of Science and Technology	В	Silver Medal
316	Haiping Wu Zhe Liang, Jiankang Yu, Zhentao Ke	Nanjing University of Science and Technology	В	Silver Medal
362	Hu Dongsheng Yuan Tianyu, Zheng Bowen, Weng Tong	Nanjing University of Aeronautics and Astronautics	В	Silver Medal
368	Zijie Qu Hubin Yan, Keyi Xu, Hanning Zhang	Shanghai Jiao Tong University Joint Institute	В	Silver Medal
405	Xu Yulong Zhang Xiaonan, Wang Yehong, Zhang Chengyu	Qilu University of Technology	В	Silver Medal
432	Wang Changshun Hao Yingjie, Wang Hanzhi, Bai Yihao	Nanjing University of Aeronautics and Astronautics	В	Silver Medal
453	Zijie Qu Guoran Zhang, Junlin Gu, Yueyang Tang	Shanghai Jiao Tong University Joint Institute	В	Silver Medal
474	Haiping Wu Minghao Zhong, Songyu Wang, Junyi Yang	Nanjing University of Science and Technology	В	Silver Medal
514	Denis Tramonte Ke Yizhan, Zhang Haoteng, Wang Tansheng	Xi'an Jiaotong-Liverpool University	В	Silver Medal
573	Zhang Jianwei Chen Zhiwei, Xu Tianyu, Zhang Zhehan	Tongji University	В	Silver Medal
605	Zhang Jianwei Luo Mingrui	Tongji University	В	Silver Medal
611	Bogdan Profir Marius Lazar, George Manning	Coventry University	В	Silver Medal
615	Kunyu Sun Yongye Li, Xianyu Li, Lan Wang	Qingdao City University	В	Silver Medal
620	Yanhong Li Yancheng Liao, Xiao Luo, Haofeng Peng	Chongqing University of Posts and Telecommunications	В	Silver Medal

63	6 Liu Chuanyue Liu Chuanyue, Wang Weixiao, Ma Jinjing	Qingdao University	В	Silver Medal
63	7 Niels Gresnigt	Xi'an Jiaotong-Liverpool University	В	Silver Medal
	Mingyang Zou, Shuang Chen, Luyu Ao			
64	4 Steve Kolthammer	Imperial College London	В	Silver Medal
64	Utkarsh Jetly, Jamie Ward, Inesh Mukherjee 5 Ziheng Shao	Shanghai Jiao Tong University	В	Silver Medal
•	Ziheng Shao, Zishan Liu, Yusheng Huang			
64	7 Mark Newton	University of Warwick	В	Silver Medal
	Hugo Vives, Venkat Srikanth, Daniyal Boriawa			
70	4 Li Yanqiang	Qingdao University	В	Silver Medal
70	Zhang Yaxuan, Zhou Huanyu, Li Yuanqing	Changhai line Tong University	Б	Cilver Medel
70	9 Zijie Qu Yuzhang Mei, Sicheng Wang, Xinchen Ye	Shanghai Jiao Tong University	В	Silver Medal
13	0 Kan Caixia	Nanjing University of Aeronautics and Astronautics	В	Bronze Medal
15	Cao Shu, Xie Zichao, Ling Lijie	Nanjing oniversity of Acton dates and Astronautes	D	Bronze Wieddi
15	4 Hu Xuelan	Civil Aviation University of China	В	Bronze Medal
	Chen Hanrui, Peng Liqing, Zhao Qu			
16	9 Haiping Wu	Nanjing University of Science and Technology	В	Bronze Medal
	Tiankuo Zheng, Yuyang Ma, Hao Xu			
17	3 Haiping Wu	Nanjing University of Science and Technology	В	Bronze Medal
	Haoxuan Liu, Xuanqi Du, Juntao Lin			
19	0 Haiping Wu	Nanjing University of Science and Technology	В	Bronze Medal
	Yichen Wang, Jiqi Cong, Jiong Li			
20	4 Haiping Wu	Nanjing University of Science and Technology	В	Bronze Medal
24	Han Lai, Jiyun Xiong, Zehao Li			
21	0 Haiping Wu	Nanjing University of Science and Technology	В	Bronze Medal
21	Yu Wan, Lingfeng He, Xinyi Ma 7 Haiping Wu	Nanjing University of Science and Technology	В	Bronze Medal
21	Shengkun Huang, Zhijie Hu, Zizhou He	Nalijing oniversity of science and recimology	D	BIOIIZE IVIEUAI
28	1 Haiping Wu	Nanjing University of Science and Technology	В	Bronze Medal
20	Zhuoyi Wu, Zihao Lu, Zelin Chen	Nanjing oniversity of Science and Teenhology	U	Diolize Medal
29	5 Haiping Wu	Nanjing University of Science and Technology	В	Bronze Medal
-	Jingyan Wang, Nan Jiang, Hanyu Shi	, , , , , , , , , , , , , , , , , , , ,		
32	7 Zijie Qu	Shanghai Jiao Tong University Joint Institute	В	Bronze Medal
	Mingxuan He, Daolin Chen, Shenghan Gao			
36	6 Xiufeng Lan	Nanjing University of Aeronautics and Astronautics	В	Bronze Medal
	Mingjia Luo, Pan Hao, Yuxiang Chen			
37	8 Guangan Wang	Nanjing University of Science and Technology	В	Bronze Medal
	Yun Cui, Rui Yang, Chang Guo			
39	9 Zhang Yujin	Qilu University of Technology	В	Bronze Medal
	Cao Weikun, Song Linbo, Jiang Man			
41	5 Gao Xingguo	Qilu University of Technology	В	Bronze Medal
/11	Li Yaoyao, Yang Wenyuan, Guo Meiyan 6 Leng Jiancai	Qilu University of Technology	В	Bronze Medal
41	Wang Dequan, Yang Qizhen, Liu Chenyao	Qua oniversity of recimology	D	Di Olize Iviedal
46	3 Janto V. Sulungbudi	Parahyangan Catholic University	В	Bronze Medal
	Janice Antoro, Samuel Agung Sebayang, Tata		_	
47	5 Jun Yang	Southern University of Science and Technology - China	В	Bronze Medal
	Wenfang Deng, Yuqi Zhang			
48	2 Haiping Wu	Nanjing University of Science and Technology	В	Bronze Medal
	Linghui Wu, Lanxiang He, Yizhou Ji			

493	Jia Ran	Chongqing University of Posts and Telecommunications	В	Bronze Medal
	Junan Huang, Zhizhuo Li		_	-
501	Li Guang	Anhui University	В	Bronze Medal
- 10	Wang Kaiwen, Yang Mingdong, Tu Hengbing		_	-
518	Xi Chen	Xi'an Jiaotong-Liverpool University	В	Bronze Medal
	Jiacheng Wei, Zibo Ji, Zhenhui Yuan		-	D
527	Ma Yan	Tongji University	В	Bronze Medal
526	Zhang Xiaomeng, Hong Ziyang	-	-	D
536	Ma Yan	Tongji University	В	Bronze Medal
504	Rong Ruiche, Zhang Ridong, Hu Fei	-	-	D
584	Zhang Jianwei	Tongji University	В	Bronze Medal
FOF	Tang Kairong, Chen Kunkun, Feng Yining	The set is the increasing	_	Durana Mardal
595	Zhang Jianwei	Tongji University	В	Bronze Medal
600	Wei Rui, Long Zhenhao	A selection of the second se	-	Durana Marial
608	Fang Li	Anhui University	В	Bronze Medal
652	Huang Xinwei, Lin Xi, Zhang Ceng	Changhai ling Tang University Jaint Institute	D	Dueune Medel
652	Zijie Qu	Shanghai Jiao Tong University Joint Institute	В	Bronze Medal
664	Minqian Wang, Zirui Wang, Ziqian Wang	Notice of the increasing of Defenses Tables of the	_	Durana Mardal
661	Yu Tongpu	National University of Defense Technology	В	Bronze Medal
	Shi Zhengwei, Gao Jiaying, Lin Yanan	National University of Defense Technology	D	Dueune Medel
666	Liu Yonglu	National University of Defense Technology	В	Bronze Medal
	Wu Minghui, Wang Yuhan, Zhang Ziyang	National University of Defense Taskasland	D	Dueune Medel
007	Zhang Sen	National University of Defense Technology	В	Bronze Medal
670	Liu Tianci, Zhang Hongfei, Yu Lifei Yi Wenjun	National University of Defense Technology	В	Bronze Medal
070	Xie Yichen, Zhang Jingjing, Yi Yingxiao	National University of Defense Technology	D	BI UIIZE IVIEUAI
671	Zhang Sen	National University of Defense Technology	В	Bronze Medal
0/1	Wang Chengyi, Li Dongqi, Liu Chang	National Oniversity of Defense rechnology	D	Di Ulize Medal
685	Qin Jingu	National University of Defense Technology	В	Bronze Medal
005	Wu Tianhao, Deng Fangsi, Liu Lieyu	National oniversity of Detense reenhology	D	Di Olize Medal
692	Liu Yonglu	National University of Defense Technology	В	Bronze Medal
052	He XuanRui, Lin Zhaohan, Li Chen	National oniversity of Detense reenhology	D	Di Olize Medal
729	Wang Xin	National University of Defense Technology	В	Bronze Medal
,25	Lu Quancheng, Ye Bin, Lin Haoyang	reactional only ensure the real hology	0	Bronze Wieddi
768	Nana Pan	Chongqing University of Posts and Telecommunications	в	Bronze Medal
, 00	Diwen Yang, Lei Luo, Dongming Song		5	
788	Suptajoy Barua	University of Dhaka	В	Bronze Medal
	Md Al Amin, Nachiketa Chakraborty, Neela Ak		-	5.0.120.0.000
109	Yang Yannan	Nanjing University of Aeronautics and Astronautics	В	Acc. Competitor
	Zhou Yaowei, Jiao Weichen, Shen Junda			
110	Quazi Muhammad Rashed Nizam	University of Chittagong	В	Acc. Competitor
	Sayla Afrin	, , ,		
118	, Arpon Chakraborty	Bangabandhu Sheikh Mujibur Rahaman Science and Teo	В	Acc. Competitor
	Anirban Das, Rupenra Nath Saha, Sakib All Ma			
132	Yang Yannan	Nanjing University of Aeronautics and Astronautics	В	Acc. Competitor
	Pan Yuran, Chen Rui, Chen Ming			·
151	Lan Xiufeng	Nanjing University of Aeronautics and Astronautics	В	Acc. Competitor
	Wu Diyang, Hu Jinquan, Wu Yihong			
165	Haiping Wu	Nanjing University of Science and Technology	В	Acc. Competitor
	Zibo Song, Xiaoduan Xu, Ruoyu Li			
168	Haiping Wu	Nanjing University of Science and Technology	В	Acc. Competitor
	Haoran Zheng, Hengfu Zhang, Yige Zhou			

188	Haiping Wu Yuting Xiao, Yuxuan Yang, Linxia Zhu	Nanjing University of Science and Technology	В	Acc. Competitor
201	Lin Zhang, Hongwei Wang, Yuhao Xue	Nanjing University of Science and Technology	В	Acc. Competitor
238	Ke Li, Jinchang Yang, Yiting Mo	Nanjing University of Science and Technology	В	Acc. Competitor
240	Sihao Xia Haoran Zhen, Zhilin Peng, Zhenxuan Ma	Nanjing University of Aeronautics and Astronautics	В	Acc. Competitor
242	Haiping Wu Wang Chen, Chen Xie, Ze Wang	Nanjing University of Science and Technology	В	Acc. Competitor
246	Haiping Wu Jianwei Luo, Wenchang Tang, Zhiyong Luo	Nanjing University of Science and Technology	В	Acc. Competitor
264	Haiping Wu Shucan Yi, Bochang Wang, Chuyi Zheng	Nanjing University of Science and Technology	В	Acc. Competitor
285	Chenbei Hu Ouyangying Lv, Lijia Shen, Chenbei Hu	Nanjing University of Science and Technology	В	Acc. Competitor
292	Haiping Wu Tianran Zeng, Yijun Zhou, Zixiang Xiao	Nanjing University of Science and Technology	В	Acc. Competitor
298	Haiping Wu Haoze Shan, Xingyuan Ji, Haoran Zhu	Nanjing University of Science and Technology	В	Acc. Competitor
318	Zijie Qu Qifeng Yuan, Zhenyang Hu, Siyuan Chen	Shanghai Jiao Tong University Joint Institute	В	Acc. Competitor
320	Zijie Qu Nuoxi Chen, Huiting Qiu, Yihang Wang	Shanghai Jiao Tong University Joint Institute	В	Acc. Competitor
323	Zijie Qu Mingde Zhou, Andi Zhang, Zhiqian Ma	Shanghai Jiao Tong University Joint Institute	В	Acc. Competitor
328	zijie Qu Suyi Xu, Yuting Chen, Yumeng Tai	Shanghai Jiao Tong University Joint Institute	В	Acc. Competitor
332	. Cao Shuiyan Chen Shizhuo, Hu Liuyang, Gao Xiong	Nanjing University of Aeronautics and Astronautics	В	Acc. Competitor
335	Cao Shuiyan Sun Ming, Wei Yunuo, Yi Jiahui	Nanjing University of Aeronautics and Astronautics	В	Acc. Competitor
339	Zijie Qu YuanTian Song, Xin Cheng, TianXing Ma	Shanghai Jiao Tong University Joint Institute	В	Acc. Competitor
	Zijie Qu Liu Jingyu, Su Yanzhen, Wang Yifan	Shanghai Jiao Tong University Joint Institute	В	Acc. Competitor
	Zijie Qu Hongrui Fu, Haoyang Lv, Zekai Chen	Shanghai Jiao Tong University Joint Institute	В	Acc. Competitor
	Haiping Wu Yang Sifan, Sun Zhengxi, Luo Zhongyi	Nanjing University of Science and Technology	В	Acc. Competitor
	Leng Jiancai Li Xirui, Guo Enyu, Wang Haoyu	Qilu University of Technology	В	Acc. Competitor
	Guo Li Hu Xinyu, Liu Jia, Wu Yulei	Qilu University of Technology	В	Acc. Competitor
	Zhang Meina Wang Ruiying, Li Zhongpei, Liu Jingwen	Qilu University of Technology	В	Acc. Competitor
	Zhang Yujin Wang Xuanhao, Sun Tongyan, Ding Haoran	Qilu University of Technology	В	Acc. Competitor
	Cao Yuping Zhong Ruke, Xu Kai, Zhao Yuan	Qilu University of Technology	В	Acc. Competitor
407	Hu Tao Dong Ke, Tang Mingliang, Zhang Bolin	Qilu University of Technology	В	Acc. Competitor

408	Lei Jie	Qilu University of Technology	В	Acc. Competitor
٥UN	Deng Jingwen, Liang Haitao, Wang Guowei Sun Jie	Qilu University of Technology	В	Acc. Competitor
-05	Lu Zheng, Zhang Yifan, Li Chuanxiang	and oniversity of reenhology	D	Acc. competitor
413	Leng Jiancai	Qilu University of Technology	В	Acc. Competitor
	Liu Daxu, Cheng Yizhou			
417	Leng Jiancai	Qilu University of Technology	В	Acc. Competitor
120	Liu Jianbo, He Xiang, Du Qinggong A. K. M. Ariful Hoque Siddique	Liniversity Of Chittagong	В	Acc Compatitor
450	Md. Abdul Kader, Kanai Chandra Sarker, Md. N	University Of Chittagong	D	Acc. Competitor
433	Haiping Wu	Nanjing University of Science and Technology	В	Acc. Competitor
	Yu Shen, Yang Yang, Zaisheng Wang			· · · · · · · · · · · · · · · · · · ·
441	Muhammad Boota	University of Lahore	В	Acc. Competitor
	Fatima Masood			
446	Arthur Moraes	Xi'an Jiaotong-Liverpool University	В	Acc. Competitor
	Hanying.Zhao, Jiayao.Wang, Jingqi.Hong		_	
447	Andrew Fowlie	Xi'an Jiaotong-Liverpool University	В	Acc. Competitor
172	Yixin Yu, Ziying Wu, Yitong Ling Ying Wang	China University of Mining and Technology	В	Acc. Competitor
472	Zhenqi Han, Wei Xiong, Qiyun Zhang	china oniversity of Mining and rectinology	U	Acc. competitor
502	Zhang Yanyan	Qingdao City University	В	Acc. Competitor
	Ma Fujun, Yu Junjie, Li Jiayu			
537	Ma Yan	Tongji University	В	Acc. Competitor
	Chen Mingwei			
553	Fang Kai	Tongji University	В	Acc. Competitor
F C 4	Hu Yi	The still be included		Ass. Commentition
561	Zhang Jianwei Liu Hanyang	Tongji University	В	Acc. Competitor
574	Zhang Jianwei	Tongji University	В	Acc. Competitor
574	Qu Mingde		D	Nee. competitor
586	Zhang Jianwei	Tongji University	В	Acc. Competitor
	Cheng Zhixiang			
593	Zhang Jianwei	Tongji University	В	Acc. Competitor
	Cheng Jiayi, Chen Pengzhi, Li Zixuan		_	
621	Sun Kunyu	Qingdao City University	В	Acc. Competitor
621	Yan Yuhang, Shen Sai, Li Chenyang Chen Xiuhui	Qingdao City University	В	Acc. Competitor
031	Song Yutong, Wang Yifan, Wang Linfeng		Ы	Acc. competitor
650	Zhimin Huang	China University of Mining and Technology	В	Acc. Competitor
	Yifan Liu, Ruochen Pu	, 6 6,		
654	Jianbao Yue	Qingdao City University	В	Acc. Competitor
	Huaxuan Li, Xianchao Wang, Haoyu Sun			
657	Cesar Bonilla	Universidad Católica del Norte	В	Acc. Competitor
c 0 2	Kiara Gastiaburu Velarde, Joel Linares Peñailille			
682	Liu Yonglu Luo Fengye, Cai Xinyue, Wang Zixuan	National University of Defense Technology	В	Acc. Competitor
699	Dai Jianwei	Qingdao City University	В	Acc. Competitor
	Yue Zhilin, Li Tianhui, Hu Zhongling	and the only on the only	2	competitor
700	Li Zhengyuan	Qingdao City University	В	Acc. Competitor
	Zhang Wenqi, Tao Xinyi, Zhao Yuning			
703	Héctor Miguel Mejía Díaz	Universidad Nacional Autónoma de México	В	Acc. Competitor
	Pedro Gabriel Estrada Gallegos, Guillermo Sier	ra López, Yesai Antonio Garza Valencia		

705	Wang Wenjuan Tian Yongkang, Liu Zhangyuan, Liu Changhe	Qingdao University	В	Acc. Competitor
724	Pan Jian Zhang Tao, Tan Jun, Ou Minghao	National University of Defense Technology	В	Acc. Competitor
730	Qi Xinshe Zheng Tian, Fan Weipu, Gao Junjie	National University of Defense Technology	В	Acc. Competitor
740	Md. Saiful Alam Bristy Nath, Taiaba Afroj Laboni, Rabaka Sultar	University of Chittagong	В	Acc. Competitor
770	Anock Somadder	Shahjalal University of Science and Technology	В	Acc. Competitor
//0	Sabrin Sultan Simla, Samiah Tasnim Auronno, I		D	Acc. competitor
774	Daniel Doherty	University of Surrey	В	Acc. Competitor
,,,,	Lakindu Gimantha Saparamadu Ponnavila Vida		U	nee. competitor
786	Peter Colebrook	University College London	В	Acc. Competitor
	Jory Alsaif		2	
787	Jaseer Ahmed	Shahjalal University of Science and Technology	В	Acc. Competitor
_	Md Adnan	,,		
797	S.M Hasibul Hassan Rizvee	Jahangirnagar University	В	Acc. Competitor
	Maisha Samiha Binte Alam, Jannatul Ferdowsy			•
800	Nazia Chawdhury	Shahjalal University Science and Technology	В	Acc. Competitor
	Shanto Babu Das, MD.Easin Arafath, Mohamm	ad Iqbal Hossain		
801	Hua Chen	China University of Mining and Technology	В	Acc. Competitor
	Liuyun Huang, Yunhai Wu, Penghao Qin			
805	Shyamal Ranjan Chakraborty	University of Chittagong	В	Acc. Competitor
	Mohammad Rasel, Meherunnesa Mehero			
806	Richard Traverzo	Wichita State University	В	Acc. Competitor
	Krystal Groshans, Seth Freeman, Shanlii Dace			
815	Md Enamul Hoque	Shahjalal University of Science and Technology - Sylhet	В	Acc. Competitor
	Md. Abdul Muktadir			
816	Bing Liu	Qingdao University	В	Acc. Competitor
	Jingzhi Su, Zexian Hao, Zongyu Wu			
823	Francisco Alarcon Oseguera	Universidad de Guanajuato	В	Acc. Competitor
	Salvador Quiroz Gaytan, Alan Gonzalez Anaya,	-		
825	Edwin Greco	Georgia Institute of Technology	В	Acc. Competitor
	Rasmit Devkota, Alexander Feng, Varun Iyenga		_	
828	Nidhal Drissi	King Khalid University	В	Acc. Competitor
022	Saliha Abdulmajeed A. Alqozi, Renad Abdullah	•	D	
832	Ujjwal Kumar Deb	Chittagong University of Engineering and Technology	В	Acc. Competitor
	Shafayet Rahman			