

College Student Innovation Project From the Three Programs									
Serial Number	Project Number	Name Project	Type Project	Leader	Program	Project Other Member Information	Instructor	Award Tme	Award Category
1	202010262054	Protector of the epidemic - medical protective clothing	Innovative Training Program	Song Jiao	BME	Pan Kaikai/B180403047 Yang Yongsheng/B180403033 Lin	Li Jianhua	2020	national level
2	202010262027	Wearable brain detector	Innovative Training Program	Zhu Xiangyu	BME	Jiang Xiner/B17040102002 Xiucui/B17040102068 Tian Zhaohong/B1704010201	Cha Yutong	2020	national level
3	202010262061	Nanomaterial printing positioning support system	Innovative Training Program	Wan Hengyi	BME	Lu Geyin/B16040102035	Sun Huaiyuan, Liao Yuehua	2020	national level
4	202010262060	Design of Portable Nanoknife Pulse Generator	Innovative Training Program	Liu Ye	BME	Yang Yahui/B16040103061; Kong Qian/B17040101048; Zhong Beibei/B18040204023; Zhang	Pure jade	2020	national level
5	S202010262185	Hand voice rehabilitation system	Innovative Training Program	Liu Wenqian	BME	Zheng Fenglin B17040103066 Chen Yuting B17040103064 Liu Kun B17040103047 Fu Jing B17040103016	Meng Qingyun Si Boyu	2020	provincial and ministerial level
6	S202010262186	Multi channel low-frequency neck treatment device	Innovative Training Program	Chen Zhiwei	BME	Ye Yufan/B19040301002 Ma Yanlong/B180440401003 Zhu Qing/B18040204016 Li Yumin/B18040204024	Meng Qingyun Si Boyu	2020	provincial and ministerial
7	S202010262187	Portable electric stimulation neck therapy device	Innovative Training Program	Xu Bin	BME	Li Yulong B18040101034 He Chang B18040301055 Shajiale B18040101018 Liu Hongyan B18040101033	Meng Qingyun Li Xiaou	2020	provincial and ministerial level
8	S202010262193	Research on amplitude stabilization technology of nanoknife pulse generator	Innovative Training Program	Tang Yuning	BME	Ma Jiaxin/B17040101056 Li Xiaolian/B18040401052 Tengzi Road/B18040201028 Gu Wangjing/B18040401028	Pure jade	2020	provincial and ministerial level
9	S202010262196	Visualization analysis and discovery technology of health information	Innovative Training Program	Kang Siyu	BME	Fan Yuliang/B19040501056	Luo Yonggang	2020	provincial and ministerial
10	S202010262199	Intelligent testing "duck" butler	Innovative Training Program	Li Jiaqing	BME	Dong Kaoqing/B180401028; Chen Junhao/B1804010311; Si Yuning/B19040101017; Xu Jiayan/B19040101006; Li Yingying/B19040101019; Lu	Bai Baodan, Tang Hongmei	2020	provincial and ministerial level
11	202110262066	Design of Foot Pressure Collection System Based on Arduino	Innovative Training Program	Shen Siwei	BME	Wu Yuanwei/B17040201015 Zhu Qi B20040103001/Yao Zhangyu B20040103007/Cao Zhengyan B20040103011	Meng Qingyun	2021	national level
12	202110262067	Multi functional elderly rehabilitation chair	Innovative Training Program	Zhao Shuo	BME	Song Jialin/B20040102028 Hou Jiayin/B20040102031	Meng Qingyun	2021	national level
13	202110262068	Research on Voice Control Method for Hand Rehabilitation Trainer	Innovative Training Program	Lu Jiayi	BME	Chen Zhiwei/B17040101061 Zhu Qing/B18040204016	Meng Qingyun	2021	national level
14	202110262070	The biomechanical model and simulation of fixed-point lumbar spine oblique	Innovative Training Program	Wang Fangqi	BME	Yin Wenyi/B19040104008 Xiong Wanqing/B19040104026 Li Jiayi/B19040401001 Cai Xinyan/B19040401002	Lu Jie	2021	national level
15	202110262071	Optimization of lumbar oscillation adjustment technique	Innovative Training Program	Cai Chenliang	BME	Shao Chenyue/B19040104022, Hu Zhengyi/B19040104018, Peng Chen/B19040104005 Lin Zhimin/B19040104027	Lu Jie	2021	national level
16	202110262074	Development of Home AED Pulse Generator	Innovative Training Program	Pan Ling	BME	Hu Jun B20040401010 Jiao Qianqian B18040204019 Tang Li B19040402024 Tang Xinyue B19040201025	Pure jade Li Ping	2021	national level
17	202110262076	Intelligent atrial fibrillation screening system	Innovative Training Program	Lin Hesheng	BME	Zhu Zhizhi/B18040103038; Qiu Yuchen/B19040102023; School	Bai Baodan, Tang	2021	national level

18	202110262077	Intelligent wearable twelve lead electrocardiogram long-term monitoring device	Innovative Training Program	Chen Yongchang	BME	Zhu Zhizhi/B18040103038; Qiu Yuchen/B19040102023;	Bai Baodan, Tang Hongmei	2021	national level
19	202110262078	Design and Implementation of Online Appointment Nursing Service Platform - Nurses	Innovative Training Program	Wang Yifan	BME	Bai Lulu B17040102003 Wang Jie B17040103056	Bu Qingfeng/Hu Zhaoyan	2021	national level
20	202110262081	Intelligent medical infusion stand	Innovative Training Program	Liu Jingwen	BME	Wang Yinan/B18040401006 Chen Qiwen/B18040401014	Cha Yutong	2021	national level
21	202110262082	Visualization planning system for surgical plans based on machine learning	Innovative Training Program	School Health	BME	Qiu Yuchen/B19040102023; Sun Jiali/B19040102013;	Bai Baodan, Tang Hongmei	2021	national level
22	S202110262110	Dual directional rope controlled hand rehabilitation	Innovative Training Program	Wang Yiliang	BME	Liu Rong B20040102015 Li Zixuan B20040101021	Meng Qingyun	2021	provincial and ministerial
23	S202110262111	High sensitivity, high intelligence, flexible	Innovative Training Program	Huang Yiting	BME	Zhou Minggeng B20040101016/Li Jiate B20040202040/Wang Junchao B20040202038	Meng Qingyun	2021	provincial and ministerial
24	S202110262112	Color sorting system based on Python	Innovative Training Program	Zhang Ziqi	BME	Gu Wangxian B18010102046/Qin Shuna B18040101027	Meng Qingyun	2021	provincial and ministerial
25	S202110262113	Flexible home voice controlled hand rehabilitation trainer	Innovative Training Program	Ma Yanlong	BME	Chen Zhiwei/B17040101061 Zhu Qing/B18040204016	Meng Qingyun	2021	provincial and ministerial
26	S202110262117	Research on Accessibility Facilities in Shanghai Metro	Investigation and research	Song Yihao	BME	Zhang Jiawei (B19040104025) Li Zeyu (B19040104029) Yue Jingwen (B19040103028) Zhou Ye (B19040104028)	Lu Jie	2021	provincial and ministerial level
27	S202110262118	Traffic flow model and simulation based on cellular automata	Innovative Training Program	Shi Hengkai	BME	Lu Xufan/B19040104002 Chen Yongchang/B19040104009 Li Chunlei/B19040103027 Huayue Key/B18040103035	Lu Jie	2021	provincial and ministerial level
28	S202110262123	Intelligent 'Pressure' Butler	Innovative Training Program	Xiong Wanqing	BME	Dong Kaoqing/B180401028; Chen Junhao/B1804010311; Xu Jiayan/B19040101006; Lu Xufan/B19040104002	Bai Baodan, Tang Hongmei	2021	provincial and ministerial level
29	S202110262148	High intelligence foot treatment device	Innovative Training Program	Zhou Mingpeng	BME	Li Jiate B20040202040	Meng Qingyun	2021	provincial and ministerial
30	S202110262151	Related research on human balance and biomechanics	Innovative Training Program	Yin Wenyi	BME	Wang Fangqi/B19040104024, Xiong Wanqing/B19040104026, Li Jiayi/B19040401001, Cai Xinyan/B19040401002	Lu Jie	2021	provincial and ministerial level
31	S202110262152	Intelligent cane	Innovative Training Program	Li Chunlei	BME	Lu Xufan/B19040104002, Chen Yongchang/B19040104009, Shi Hengkai/B19040103030, Huayue	Lu Jie	2021	provincial and ministerial level
32	202210262008	Medical Key Direct Access "Medical Resource Sharing Platform 2022	Innovative Training Program	Lan Ji Wanting	BME	Wang Yiting/B190402010; Zhu Chan/B19040102028; Li Yinfeng/B18040104028	Lu Yiyuan	2022	national level
33	S202210262029	Toilet Elf Chronicles - Smart Device Installed in Toilet Seat	Innovative Training Program	Zhu Wenqi	BME	Ding Danli/B21040102006; Tang Jiting/B21040102010; Chen Lan \ B21040102016, Jiang Xuening \ B21040102005	Yuan Jing	2022	City level
34	S202210262146	Yoga assisted robot	Innovative Training Program	Shi Xiangyu	BME	Yue Yongqi/B21040104002 Li Sihe/B21040104030 Shen Yumeng/B21040104005	Li Jianhua	2022	provincial and ministerial level

35	S202210262122	Wireless charging desktop	Innovative Training Program	Liu Siying	BME	Yang Tianrun B21010103013 Shen Jiaqi B21010103012 Liu Ning B21040104006 Liu Siying B21040104008	Li Jianhua	2022	provincial and ministerial level
36	S202210262083	Portable device for detecting dental inflammation	Innovative Training Program	Liu Ning	BME	Yang Tianrun, B21010103013 Shen Jiaqi, B21010103012 Zhang Haobo, B010103006 Liu Siying, B21040104008	Li Jianhua	2022	provincial and ministerial level
37	S202210262121	Medical examination robot	Innovative Training Program	Shen Yumeng	BME	Shi Xiangyu/B2104010403 Yue Yongqi/B2104010402	Li Jianhua	2022	provincial and ministerial
38	S202210262124	Lower limb functional electrical stimulation system	Innovative Training Program	Meng Shen Olympics	BME	Li Zhixuan/B20040103031, Yang Qiuyue/B20040103028, Zhang Jiale/B20040103025	Meng Qingyun/Qin Liang	2022	provincial and ministerial level
39	S202210262076	Research on the diagnosis system of schizophrenia based on EEG	Innovative Training Program	Zhao Qiyue	BME	Zhu Chao B20040501023 Du Xiaowei B20040102006 Guo Xiaoyang B20040102018	Zhu Geng	2022	provincial and ministerial level
40	S202310262028	Intelligent assistance for standing up - assisted rehabilitation training system	Innovative Training Program	Xu Chunfei	BME	Chen Yitong/B2104030113, Zhong Dunhua/B2104030119	Li Jianhua	2023	provincial and ministerial level
41		Clothing' Heart Guardian - Intelligent ECG Clothing	Innovative Training Program	Chen Yanrui	BME	Sun Yanwen/B21020203001, Wu Guangyou/B21040102028, Zhang Meng/B22040103027, Zhuang	Tu Huating	2023	provincial and ministerial
42	S202310262030	Wrist rehabilitation device based on ball joint mechanism	Innovative Training Program	Huang Guanyao	BME	Liu Jiarui/B2104010303, Sheng Yanmin/B210401007, Yu Bozheng/B210401008, Shi Haoyang/B210401009	Meng Qingyun	2023	provincial and ministerial
43	S202310262063	Research on deep learning based EEG classification and diagnosis system for Alzheimer's disease	Innovative Training Program	Liu Jiarui	BME	Huang Zesen/B220403003, Zhou Yuqing/B220403020, Shi Haoyang/B210401009	Zhu Geng	2023	provincial and ministerial level
44	S202310262112	Stable and non collapsing structure under	Innovative Training Program	Chu Jiayuan	BME	Ma Ziyang/B22040103014 Wu Shuang/B2240103018 Qu Haojia/B2240103020 Lu Zeli/B2240103025	Jiang Meng	2023	provincial and ministerial level
45	202410262013	Ankle Kangbao - a flexible tibial nerve wearable device based on neural regulation	Innovative Training Program	Chen Xipeng	BME	Zhao Zhuohan/B230401024, Gan Siyu/B230401005	Bai Baodan	2024	national level
46	202410262014	Research on the Dual Mode Brain Information Fusion Technology Based on EEG and FNIRS for Friendship, Love, and Family Attitudes of College Students under Gender Differences	Innovative Training Program	Lu Rouye	BME	Li Keda/B2204030412, Peng Siyu/B22080102020, Lin Jiahe/B2304030417	Gu Xuelin	2024	national level
47	S202410262032	Automatic detection system for arrhythmia based on artificial intelligence	Innovative Training Program	Yu Zhehao	BME	Ni Jinglei/B2340103014, Yang Yiwen/B2340103003, Yu Wenjing/B2340102016	Bai Baodan	2024	provincial and ministerial level
48	S202410262025	Research on Diagnosis and Evaluation of Depression Degree Based on EEG	Innovative Training Program	Feng Ruolan	BME	Li Zhongjie/B220401005, Jiao Yelin/B220401006	Gu Xuelin	2024	provincial and ministerial level
49	S202410262048	Rehabilitation oriented motor imagery EEG analysis and integration with VR training system	Innovative Training Program	Xu Yidan	BME	Wang Letian/B230403002, Chen Han/B220401015, Wang Tan Jingzhao/B230403030, Xu Qian/B230403004	Gu Xuelin	2024	provincial and ministerial level

50	S202410262026	Research on Intelligent Fatigue Detection Based on FPGA and EEG Signals	Innovative Training Program	Shi Haoyang	BME	Zhou Yuqing/B22040302020, Qiu Lingjie/B2204030128, Wu Xuyang/B210401014	Zhu Geng	2024	provincial and ministerial level
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