The 10th Anniversary International Youth Robot Competition

- 10th Anniversary IYRC

- O Slogan (creation theme): Robots for People in Need
- O Date: August 4th (Fri) to 5th (Sat) 2023
- Place: Daejeon Convention Center Exhibition Hall 2 *KT Daejeon Human Resources Development Institute (Overseas Team Accommodation)
- O Host: Daejeon Metropolitan City, Woosong University, IYRA
- O Subject: IYRA
- O Operation: International Federation of Youth Robots, MRT International, Dazl Edu, Woosong IT Education Center
- O Participation scale: 800 overseas, 300 domestic, 1,100 people from 24 countries
- Asia: Malaysia, Thailand, Laos, Myanmar, Indonesia, Vietnam, India, Mongolia, China, Singapore (10 countries)
- Asia: Algeria, Israel, Russia, Mexico, Turkey, Colombia, Australia, Uzbekistan, Kazakhstan, the United States, Bulgaria, Spain and Portugal (13 countries) *Counting countries as of April
- 1. History of IYRC International Competition

competit ion	Period	Venue	countries	participants	Remark
#1	′14. 8	Daejeon DCC	11countries	500	co-hosting with Daejeon City
#2	′15. 8	Daejeon 무역전시관	한국 등 10countr ies	400	co-hosting with Daejeon City
#3	′16. 8	Daejeon DCC	12countri es	600	co-hosting with Daejeon City
#4	′17. 8	Malaysia, Kuala Lumpur	20countries	1,500	Genting Highland Resort
#5	′18. 11	Bangkok, Thailand	17countries	1,500	Chulalongkorn University
#6	' 19. 8	Daejeon DCC	20countries	2,000	co-hosting with Daejeon City
#7	′2 0. 10	Daejeon DCC (On-line)	17countries	1,300	co-hosting with Daejeon City
#8	′21. 8	Daejeon DCC (On-line)	18countries	1,300	co-hosting with Daejeon City
#9	′22. 8	Daejeon DCC (On-line, Mertaversa)	18countries	1,500	co-hosting with Daejeon City

2. Introduction to events

	종목	참가연령(나이)	종목설명	참가형태	
1	Bowling 로봇 볼링	kindergarten(5-8)	a game in which a player rolls a bowling ball in a card reader program to knock down a pin	개인전	
2	Road Challenge 로드 챌린지	kindergarten(5-8)	a race in which a robot quickly reaches its destination through obstacles, bridges, hills, etc	개인전	
3	ltem Recycle 아이템 리사이클링	Junior(8-13)	Competition to control robots to classify recyclables (paper, plastic, aluminum) in the shortest time	2인 1팀	
4	Animal Kingdom 동물의 왕국	Junior(8-13)	A game in which a robot is programmed to move along a line and solve a mission	개인전	
5	Soccer 로봇 축구	Junior(8-13)	a three-to-three robot soccer game	3 vs. 3 팀전	
6	Push-Push	Junior(7-12)	a game in which the opponent's robot is pushed out of the ring (Remote Control Method) a game in which the opponent's robot is	1 vs 1 개인전	
/	7 푸시푸시	Senior(13-18)			
8	Volleyball	Junior(7-12)	It is a two-man team that sends a lot of balls to the opponent's side (remote control method)	2 vs. 2 팀전	
9	로봇 배구	Senior(13-18)	It is a two-man team that sends a lot of balls from one's side to the other's side (programming method)		
10	Save the Forest 세이브더포레스트	Senior(13-18)	Autonomous driving moves along the black line to solve the mission	개인전	
11	Creative Design	Junior(7-12)	Topic: Robots to help people in need	팀전 (3-5인 학생, 교사 1명)	
12		Senior(13-17)	The second of th		
13	Humanoid Mission	Unlimited	Humanoid Robot Rowing Competition	개인전	
14	Cocomon Go	Junior(7-12)	A game in which the final arrival score and design score are added together to	2인 1팀	
15	2323311	Senior(13-18)	determine the score of the needle		

○ 주요 종목 경기장

