

Call for Participation:

“3rd IISM ASIAN JUNIOR ROBOCUP’18”

Sunday 15th April 2018

Multi Purpose Hall, International Islamic School Malaysia (IISM)

Asian Junior Robocup (3rd IISM AJR 2018) is a Asian robot competition for primary and secondary school students, as preparatory tournament of Asian schools to participate in the **World Robotics Competition** (World IYRC Thailand, August 7-10, 2018). AJR 2018 specialty intended for school student throughout the world but is open to all Asian students, and international participation is encouraged.

The IISM AJR 2018 will be held in IISM Gombak District, Kuala Lumpur Malaysia on Sunday, 15th April 2018. There are about eight categories there are adopted from various international robotic competition will be contested at the event this time.

AJR regulations mostly adopt international robot contest rules issued by the International Robot Olympiad Committee (IROC) , the International Youth Robot Competition (IYRA) and Singapore Robot Games (SRG).

THE THEME

“Robot Helping People”

PARTICIPANTS

- Students of Kindergarten & Primary School
- Students of Secondary School

GAMES CATEGORY

The activity form is Robotic Competition with 8 categories

1. 2 On 2 Soccer	2. Creative Robo	3. Super Maze	4. Sumo Robot
5. Drone Racing	6. Humanoid Rescue	7. Theater Robot	8. Brick Speed

TIME & PLACE

Sunday, 15th April 2018,
 ISSB Multi Purpose Hall
 International Islamic School Malaysia (IISM),
 Gombak, Kuala Lumpur, Malaysia

THE HOST

INTERNATIONAL ISLAMIC SCHOOL MALAYSIA (IISM) &
 ASIAN ROBOTIC COMPETITION COMMITTEE (ARCC)

WORKSHOP AND GAMES SCHEDULE

Level	Thursday-Friday 12 th April 2018	Sunday 15 th April 2018
JUNIOR (<= 12 year old)	10.00-17.00 Technical Meeting, Workshop AJR & Testing Track Friday 13th April 2018 Training for Teachers	08.00-08.30
		Opening AJR 2016
		Cultural Performance & Dancing Robot
		08.30-11.00
		Brick Speed
		09.00-13.00
SENIOR (=>13 up 18 year old)		Soccer Cup Maze Solving
		Creative Robot
		13.00-14.00
		Break & Lunch
		14.00-17.00
		Robot Theater Drone RACING
	Sumo Robot Humanoid Rescue	
	Workshop & ISRA Conference 2018	
	17.00-18.00	
	Award Night & Ceremony Closing	
	Cultural Performance & Dancing Robot	

REGISTRATION & FEES

Fees and Games

RM125.00 for 1 Game

RM200.00 for 2 Games

RM300.00 for 5 Games

The Fee Includes

Packet Registration : ID Card, Handbook AJR'18, Goodie Bag, Certificate, 2 day Workshop in IISM
& Free Rental KIT Robot

**Free Workshop on Robot at IISM Secondary,
Wednesday-Thursday, 12th -13th April 2018,
10:00am-05:00pm
Assembly Hall**

Registration and Payment for Malaysian Participants:

Mr. Ahmad Shazree +60172383301

**Payable to: IIUM SCHOOLS SDN BHD
BANK ISLAM MALAYSIA BERHAD (IIUM BRANCH)
A/C NO.: 14162010003553**

Registration and Payment for Indonesian, Singapore, Brunei, Thai Participants:

Mr. Firdiansyah +6281387276735

ORGANIZATION of 3rd IISM AJR 2018

➤ **Steering Committee (SC)**

1. Dr. Riza Muhida (University, Indonesia), President ARCC, Head Referee
2. Prof. Dr. Rini Akmeliawati (International Islamic University, Malaysia)
3. Mr. Khaharuddin Abdul Rahman (CEO IIUM Schools Sdn Bhd)
4. Mr. Zulfan Haidar (IISM Secondary)
5. Mr. Ahmad Zaki Mohd Zainal (Manager CAD, IIUM Schools Sdn Bhd)
6. Mr. Ahmad Shazree (IISM Roboteam Advisor)
7. Mr. Lukman Fajar Purwoko, M.T (Professional, Indonesia)
8. Mr. Ashadi Bin Moh Noor (Education, Malaysia)

➤ **Organizing Committee (OC)**

1. Firdiansyah, MIT, Coordinator
2. Ir. Imam Sucipto, Writer Referee
3. Hikmatul Fitri, S.Pd, Writer Referee
4. Moch Ashadi Bin Moh Noor, Writer Referee
5. Mawarizkar Radhya, Head Competition
6. Susi Arinta, Admin & Service
7. Syifa Fauziah, Admin & Service
8. Syafriwan, Technical Support
9. Danis H, Technical Support

Tournament

1. 2 ON 2 Soccer

Refer Rule IYRA

Junior-Senior: MRT Robot construction using a remote wireless, max size 20cm x 20cm weighing not more than 1 kg

Recommendation KIT Robot

MRT Exiting/Soccer Robot RM395.00

MRT3-1 RM495.00

MRT 5-1 RM995.00



2. SUPER MAZE SOLVING

Junior - Senior: Competition program the robot to follow a line and passing through the point or specific missions and complete missions to finish and fastest time and biggest Point.

Robot : MRT Coding Robot & max size 25cm x 25cm weighing not more than 1 kg.

Category Robot: MRT Robot

Recommendation KIT Robot

Junior & Senior:

Robot MRT Maze Solving RM595.00

3. AERIAL ROBOT

Junior - Senior: Open Competition flying robot / Quadcopter, Robot faced with some specific mission and get points when completing its mission.

Robot : Open All for Junior –Senior

Recommendation KIT Robot

Buy in Toys Store: estimated RM100.00-RM300.00

Check On Raja Laut, Chowkit, Kuala Lumpur



4. ROBOT CREATIVE

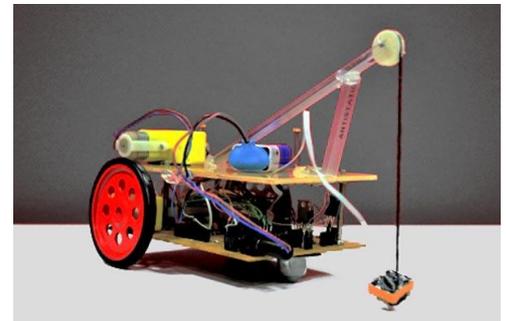
Junior - Senior: Open Competition makes robotic-based creative work that aims to help people solve a problem in accordance with the theme of rule refer on IROC & IYRA theme Robot Helping People

Robot : Open & MRT KIT Robot

Recommendation KIT Robot

MRT 3 Fullkit 1-3: RM.1450.00

Huna Class 1-2: RM1250.00



5. FUN BRICK SPEED

Making Construction Robot using Manual from Brick Set with Fastest Time

Robot: provide by Committee and Free for Participant

Recommendation KIT Robot

Buy on Toys Store estimate RM8.00-RM20.00

Check on Raja Laut, Chowkit, Kuala Lumpur



6. ROBOT PERFORMANCE - THEATRE /MOVIE

Senior Junior-: Competition makes performing arts / performance using the robot as a major media or create interesting robotic demo

Robot/KIT : Open

Recommendation KIT Robot

RERO Humanoid Robot : RM1690.00

MRT 3 Fullkit 1-3 : RM1450.00



7. SUMO ROBOT

Open robot weighing not more than 1 Kg with max 9V Battery AAA/AA

8. HUMANOID RESCUE

RERO Humanoid with mission for rescue

Details of Competition Rules can be found in the followings:

www.IROC.org

www.IYRC.org

<http://guppy.mpe.nus.edu.sg>



Video on Youtube with Keyword Category Competition

Note : All estimated prices, depend on the level