

Being the First Event to be Held in Aceh, I3O 2023 Was Successfully Held!

The development of technology in the world is currently increasing rapidly, and currently, the internet is one of the important things that are always in touch with our lives. The Internet of Things, commonly abbreviated as IoT, is one of the fields that has recently been widely used and discussed. IoT is a concept in which an object or object is embedded with technologies such as sensors and software to communicate, control, connect and exchange data through other devices while still connected to the internet.¹ For this reason, the Indonesian Young Scientist Association (IYSA) created a special event in the field of IoT to find and bring out various innovations from young researchers in the field of IoT which will be useful for the world in the future.

Indonesia International IoT Olympiad or commonly abbreviated as I3O is an event owned by IYSA which is devoted to the field of IoT or Internet of Things. 2023 will be the 2nd year we will be holding I3O. After the previous year, we held it in Kudus, in the second year we will hold I3O in Aceh in collaboration with one of the state universities there, namely Syiah Kuala Aceh University on June 13-17 2023.

Being the first event we held in Aceh, this event was attended by 13 countries, one of which was Vietnam which came directly to Aceh. Apart from the Vietnamese team, there were also participants from various regions in Indonesia who came directly to Aceh, such as team representatives from Bali, Semarang, Kudus, Tebing Tinggi, and Medan.

In this 2nd year, I3O was attended by 120 teams divided into 94 teams participating in online competitions and 26 teams participating in offline competitions from 13 countries including Vietnam, Thailand, Iran, Philippines, Malaysia, South Africa, Turkey, Indonesia, Mexico, Bangladesh, Timor Leste, United Arab Emirates and Azerbaijan.

Held for 5 days, he details the activities of I3O 2023.

- On the first day (Tuesday, 13/6) we held an opening ceremony at 13.30 WIB which was held at the AAC Dayan Dawood Building, Darussalam Banda Aceh and was attended by all offline and online participants, and online participants themselves attended the opening ceremony directly through the Zoom application or live broadcast on Youtube IYSA. And continued with the judging session for online participants which began at 14.30 WIB.
- Moving on to day 2 (Wednesday, 14/6), this is a thrilling day for offline participants where they will conduct face-to-face judging with the jury. Each team will be judged by two judges, apart from that they can also visit the booths of other participants.
- On the 3rd day (Thursday, 15/6), we held a webinar with one of the lecturers from Syiah Kuala University, Dr. Ir. Kahlil, S.T., M.Eng. with the theme "AI used in Science" which was attended by all I3O 2023 participants, both offline and online participants.

¹ Rony Setiawan, "Memahami Apa Itu Internet of Things."Dicoding, June 20, 2023, <https://www.dicoding.com/blog/apa-itu-internet-of-things/>

- Day 4 is a very pleasant day where we will take participants who register for the Excursion activities around various tourist attractions in Aceh. Our first goal this time was to visit the boat or boat over Lampulo's house, then the journey continued to the icon of Aceh province, namely the Baiturrahman Mosque, and continued with lunch at the DEKGAM 2 Restaurant.) Apung which is a silent witness to the devastating tsunami that hit Aceh 19 years ago, then we took the participants to Taman Sari Gunongan, satisfied taking pictures at Taman Sari Gunongan, we invited participants to shop at Pusaka Souvenir, after shopping we continued our journey to Rumah Cut Nyak Dien, a female hero from Aceh, was content to see history at the Cut Nyak Dien House. We invited the participants to play in the water at Lampuuk Beach and ended the trip by having dinner together at Cafe Kuala Cangkoi.
- The judging has been carried out, we have also gained new knowledge through the webinar, and are satisfied with traveling, so we have arrived on the day that all participants have been waiting for, namely the day of announcing the winners. (Saturday, 17/6) we announced the winners for the I3O 2023 event, we started this activity at 09.00 WIB in a hybrid manner.

There are many prizes that we give at this event, including:

1. Gold Medal
2. Silver Medal
3. Bronze Medal
4. IYSA Special Award
5. MIICA Special Award
6. University of Syiah Kuala Special Award
7. Bach Khoa Math and Science Special Award
8. IYSA Semi-Grand Award
9. IYSA And Vat Ly & Tuoi Tre Grand Prize

We thank all the participants who have participated in the I3O 2023 event, and congratulations to all the winners. Let's develop your best ideas and achieve achievements with IYSA.