



INTERNATIONAL WALISONGO SCIENCE COMPETITION (IWSC)
FACULTY OF SCIENCE AND TECHNOLOGY
UNIVERSITAS ISLAM NEGERI WALISONGO SEMARANG
Address: Prof. Dr. Hamka Street (Campus 3) Semarang, Central Java,
Indonesia, 50185 Phone (+62 24) 76433366
E-mail: i_wsc@walisongo.ac.id Website: <https://iWSC.walisongo.ac.id/>



Semarang-Indonesia, July 17th, 2026

ANNOUNCEMENT OF SEMIFINALIST

INTERNATIONAL WALISONGO SCIENCE COMPETITION 2026

No. : B- 6996/Un.10.8/D/KM.01.04/07/2026

A. COMPETITION CATEGORY: MATHEMATICS

NO	FULL NAME	UNIVERSITY/COLLEGE
1	Abdurrahman	Universitas Negeri Makassar
2	Ahmad Nizar Syahputra	Airlangga University
3	Devita Mutiara Putri	UIN Walisongo
4	Jihan Sahilina Shofa	UIN Walisongo
5	Muh. Irfan Setia Budi	Universitas Negeri Makassar
6	Muhammad Fajri Allamsyah	UIN Walisongo
7	Muhammad Hendriyanto	Universitas Negeri Surabaya
8	Nurfitra	Universitas Negeri Makassar
9	Rosikhotul Ma'rifah	UIN Walisongo

B. COMPETITION CATEGORY: PHYSICS

NO	FULL NAME	UNIVERSITY/COLLEGE
1	Faza Adhi'matul Fauziyah	UIN Walisongo Semarang
2	Felda Zahra Fausta Fika	UIN Walisongo Semarang
3	GALUH AURA MAHARANI	UIN Walisongo Semarang
4	Maulida Fatihah Ningtiyas	UIN Walisongo Semarang
5	Muhammad Kholil Fauzan	UIN Walisongo Semarang
6	Rahmat Abubakar	Universitas Negeri Makasar
7	Siti Saadatulizzah	UIN Walisongo Semarang
8	Syifa Kamilah Qudsi	UIN Walisongo Semarang
9	Tyas Azka Aulia	UIN Walisongo Semarang
10	Wafiq Azizah Fitriani	UIN Walisongo Semarang



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C. COMPETITION CATEGORY: CHEMISTRY

NO	FULL NAME	UNIVERSITY/COLLEGE
1	Aldin Her Wibowo	UIN Raden Fatah
2	Devi Widuri Wijayanti	UIN Walisongo Semarang
3	EGNER BERNARD PRIBADI	Universitas Negeri Medan
4	FARID RAFIFTITO	UIN Walisongo Semarang
5	Frisqa Auliya Dhamayanti	UIN Walisongo Semarang
6	RABIATUN ADWIYYAH	UIN Walisongo Semarang
7	ZASKIA LAILY WULAN SARI	UIN Walisongo Semarang

D. COMPETITION CATEGORY: BIOLOGY

NO	FULL NAME	UNIVERSITY/COLLEGE
1	Andi Nur Faiza Azzahra Amin	Universitas Negeri Makasar
2	Azizah Mutmainnah. B	Universitas Negeri Makasar
3	Fitria Nur Aqidah	UIN Walisongo Semarang
4	Inka Paembonan	Universitas Negeri Makasar
5	Nasywa Tsaabita Maulida Salsabila	UIN Walisongo Semarang
6	Nur Hikmah	Universitas Negeri Makasar
7	NURHIDAYAH	Universitas Negeri Makasar
8	Putri Aini	Universitas Negeri Makasar
9	Tommy Leonard Rumpaisum	Universitas Negeri Makasar

E. SCIENTIFIC PAPER: START-UP INNOVATION IN INFORMATION TECHNOLOGY

NO	FULL NAME	UNIVERSITY/COLLEGE
1	ADI SETIAWAN	UIN Walisongo
2	ALMADIYAH SURYA SAPUTRI	UIN Walisongo
3	Alya Amalia Luqman	Universitas Negeri Makassar
4	Indra Agustawan	Universitas Negeri Makassar
5	Maheswara Mahirataqi	Sampoerna University
6	Miftah Nurrazzaq	Universitas Negeri Makassar
7	Muhammad Firmansyah	Universitas Negeri Makassar
8	Najwa syifa sabila	UIN Walisongo
9	Nurul Islami	Universitas Negeri Makassar
10	Yola Annisa Zukhruf	UIN Walisongo



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F. SCIENTIFIC PAPER: ENVIRONMENTAL ENGINEERING

NO	FULL NAME	UNIVERSITY/COLLEGE
1	A.Zaitun	Universitas Negeri Makassar
2	Alifia Ratna Rosanti	UIN Walisongo
3	Dewi Riana	UIN Walisongo
4	Lintang Andhini	UIN Walisongo
5	Muhammad Ilham Aziz	Universitas Islam Negeri Raden Fatah Palembang
6	Nabila Aisha Fahriani	UIN Walisongo
7	Steven Sinaga	Universitas Negeri Medan
8	Tesalonika Sihombing	Universitas Negeri Medan
9	Vaza Muhammad Shidqi	UIN Walisongo

Notes:

1. All Semifinalist must send a science project video with the maximum duration of 15 minutes as part of the semifinal assessment process through the website <http://iwsc.walisongo.ac.id> from 20th -23rd July 2026 at 18.00 pm +UTC (Jakarta time)
2. Semifinalists are disqualified if they do not submit video projects.
3. Evaluation of the video by the internal jury will be held on July 24th, 2026.
4. Semifinalist ranking 1 to 6 in each competition category eligible to compete in **final round** and will be announced on July 27th, 2026 on the website: <http://iwsc.walisongo.ac.id>.
5. If there are any problems, please contact the committee (Indonesian participant: Muji Suwarno +62-896-7242-8585) and International Participant: Ayus Riana +62-813-2958-0263)



Sincerely,

Prof. Dr. Fatah Syukur, M. Ag.
Dean of Faculty of Science and Technology,
UIN Walisongo Semarang-Indonesia
E-mail: i_wsc@walisongo.ac.id



SEMIFINAL ROUND TECHNICAL GUIDE

A. TECHNICAL GUIDE FOR VIDEO PROJECT

Semifinal Round Technical Setting:

1. As a part of the next stage, each semifinalist is required to create a video presentation based on simple research (**maximum duration of 15 minutes**). In the video, please choose one topic provided by the IWSC 2026 Committee and present your project based on the given instructions.
2. The video is then uploaded on the IWSC website <http://iwsc.walisongo.ac.id> from 20th -23rd July 2026 at 06.00 pm +UTC (Jakarta time)

B. TOPIC

MATHEMATICS

The topics for semifinal round of mathematics competition is the implementation of pure mathematics in other fields (technology, economy, social, etc.).

PHYSICS

1. Tools and Materials:
 - a. Elastic materials of negligible mass (e.g. rubber, valves, spiral springs, etc.)
 - b. Loads that can be considered point objects (e.g. stones, logs, etc.)
 - c. Massive straight rod (e.g. wood, metal, etc.)
 - d. A rope whose mass is negligible
 - e. Hook
2. Question:
 - a. Assemble all the tools and materials in number (1) into one system (free circuit)!
 - b. Explain how the system moves?
 - c. How many constraints are there in the system?
 - d. How many degrees of freedom are there in the system?
 - e. Find the equation of motion for the system!



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CHEMISTRY

- Energy, sustainability, and green chemistry (material and or processes)
- Identification and or separation of any substances
- The use of natural products and their isolation methods
- Wastewater and pollution treatment
- Basic principle of physical chemistry (case in daily life)
- The use of computation in chemistry

BIOLOGY

1. The topics for the semifinal round of the Biology Competition is “the effect of visible light and “X” on the seed germination in plants”
2. The semifinalists add another factor “X” as you wish besides the visible light, e.g. temperature, hormone, etc

SCIENTIFIC PAPER: ENVIRONMENTAL ENGINEERING AND INFORMATION TECHNOLOGY

The topic of the video project made by the branch of the scientific work competition: environmental engineering and information technology is in accordance with the submitted paper.