



MINISTRY OF EDUCATION AND  
TRAINING VAN HIEN UNIVERSITY  
Number: 66/MYH25/VH U/TB

Number:

SOCIALIST REPUBLIC OF VIETNAM

Independence – Freedom – Happiness

**Ho Chi Minh City, date 03 month 03 2025**

## NOTIFICATION

**About registration to participate in the 2025 Technology Innovation Competition**

***Topic: Youth and the desire for technological innovation***

**Dear School/Academy**

Pursuant to Plan No. 2502/KH-KTD922 dated October 23, 2024, Plan for Emulation and Reward Activities of Emulation Block 22, school year 2024 - 2025;

To encourage creativity, promote research and application of technology

technology into practice for students of schools/academies in the 22nd competition block of Ho Chi Minh City. Ho Chi Minh City, Van Hien University respectfully announces the registration for participation. **The Technology innovation competition 2025** as follows:

### **1. Participants**

Students are studying at 08 schools/academies in the 22nd competition block (according to Plan No. 2502), including the following schools: Van Hien University, Saigon International University, Saigon University, Ho Chi Minh City University of Economics and Finance, Hung Vuong University, Gia Dinh University, Hong Bang International University and Ho Chi Minh City Academy of Officials.

### **2. Contest content**

2.1. Artificial Intelligence Technology, Semiconductor and Telecommunications Engineering Group

(AI Technology, Machine Learning, Embedded Programming, Big Data, Blockchain, IoT, Robotics and Automation,...)

2.2. Biotechnology, Medicine, Biomedicine and Agriculture Group (Biotechnology, Nanotechnology, Food technology, New material technology, Smart agriculture, Advanced engineering technology, Digital medical technology, etc.)

2.3. Technology in Education and Technology Application in Sustainable Development Group (Renewable Energy, Environmental Protection and Climate Change Response, Online Learning Systems, Gamification, Learning Technology,...)



### 3. Registration time

Start: March 15, 2025

End: 24:00 on 07/04/2025

### 4. Number of registrations

Each school/institute registers at least 05 ideas/topics.

### 5. How to register

Registration documents include: (1) Contest registration form confirmed by the School; (2) Description of idea/topic (according to the form of the Organizing Committee); (3) Supporting documents (if any): Images, videos, demo models, product links...

**Submission form:** Submit by email to the following address:

[loannp@vhu.edu.vn](mailto:loannp@vhu.edu.vn) ; [tuyenhns@vhu.edu.vn](mailto:tuyenhns@vhu.edu.vn)

Contact phone: Ms. Loan 0988 8300443; Ms. Tuyen 0974 494 132

Van Hien University informs schools/institutes to support information for students to know and register for the exam.

Thanks and best regards./.

**Recipient:**

**HEADMASTER**  
(signed)

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- Save VT, Department of Science Management ,IC



## RULES

### Technology Innovation Competition - 2025

Topic: Youth and the desire for technological innovation

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#### I. General contest rules

##### 1. Object

Students are studying at 08 schools/academies in the 22nd competition block (according to Plan No. 2502), including the following schools: Van Hien University, Saigon International University, Saigon University, HCM University of Economics and Finance, Hung Vuong University, Gia Dinh University, Hong Bang International University and Ho Chi Minh City Academy of Officials.

Each school/academy must register at least 05 entries.

Students register to compete individually or in groups. Each group has a maximum of 05 People.

##### 2. Competition field

*The competition focuses on several technology areas as follows:*

2.1. AI Technology, Semiconductor and Electronic and Telecommunication Engineering Group (AI Technology, Machine Learning, Embedded Programming, Big Data, Blockchain, IoT, Robotics and Automation,...)

2.2. Biotechnology, Medicine, Biomedicine and Agriculture Group (Biotechnology, Nanotechnology, Food technology, New material technology, Smart agriculture, Advanced engineering technology, Digital medical technology, etc.)

2.3. Technology in Education and Technology Application in Sustainable Development Group (Renewable Energy, Environmental Protection and Climate Change Response, Online Learning Systems, Gamification, Learning Technology,...)

#### II. Important milestones

STT	Content	Time	Location
1	Submit preliminary round application	March 15, 2025 – April 7, 2025	Online application
2	Reviewing application	04/08 – 04/09/2025	Microsoft Teams

3	Announcement of preliminary round results	10/4/2025	Website of VHU and schools/ institutes in block 22
4	Semi-finals	20/4/2025	At HEC campus - Van Hien University. Address: Lot 13E - Nguyen Van Linh Avenue, South City Urban Area.
5	Final Round and Awards Ceremony	29/4/2025	At HEC campus - Van Hien University. Address: Lot 13E - Nguyen Van Linh Avenue, South City Urban Area.

### III. Rules of the rounds

#### 1. General regulations on the validity of ideas and topics participating in the contest:

##### 1.1. Ideas/topics that violate the following content will be considered invalid:

- **Plagiarism of ideas, themes or copying from other sources:**
  - o The topic shows signs of copying from other ideas/topics without significant improvement.
  - o Infringement of intellectual property or lack of proof of ownership of ideas/topics.
- **Ideas/topics that have won awards in other competitions:**
  - o Topics that have won awards at previous city, national or international competitions.
  - o If the idea/topic involves significant new developments (product enhancement, application expansion), the team must provide clear evidence of innovation.
- **Ideas/topics that violate research ethics or the law:**
  - o Ideas/topics that negatively impact the community or violate safety and security regulations.
  - o Ideas/topics that use unlicensed data or violate privacy regulations.

##### 1.2. Testing and handling methods:

- **Preliminary file check:** The organizers may require candidates to provide evidence of intellectual property rights (original code, research documents, development models, etc.

- **Report any complaints:**Candidates can submit a written complaint about plagiarism of ideas/topics within3 daysAfter the list of ideas/topics that have made it to the semi-final round is announced. The Organizing Committee will check, evaluate and report the results to the competent authority.
- **Handling violations:**If violations are detected, the idea/topic will be disqualified from the competition and the participating team may be banned from participating in future events of block 22.

## 2. Preliminary round

### 2.1. Objectives

- Filter ideas/topics that are feasible, creative and suitable for the competition criteria through the idea/topic description.
- Evaluate the novelty, practical application and development potential of the idea/topic.

### 2.2. Evaluation criteria and scoring scale (Total 100 points)

Criteria	Describe	Ladder point
Creativity and innovation	Ideas/topics that have new, innovative or creative ideas in the field of technology.	20 points
Feasibility and practical application	The idea/topic has the potential to be practically implemented, solves a specific problem and has commercial potential.	20 points
Science and technology	The idea/topic applies modern technology, has a scientific basis and clear implementation method.	15 points
Impact and value delivered	Ideas/topics that have a positive impact on society, the economy or the environment.	15 points
Suitability for the field of application	The idea/topic belongs to one of the fields of the competition and meets the technological requirements.	10 points
Scalability and scalability	The idea/topic has plans to continue to develop and expand its application in the future.	10 points
Completeness of	The profile is fully informative, presented clearly, logically and	10 points



### 2.3. Preliminary round rules

- Registration deadline: 24:00 April 7, 2025
- Registration documents include:(1) Contest registration form confirmed by the School; (2) Description of idea/topic (according to the form of the Organizing Committee); (3) Supporting documents (if any): Images, videos, demo models, product links...

## 5

*Tran Thanh Kiet - Department of Science Management & International Cooperation - 08:24 March 3, 2020*

- Submission form:Submit application online via email:

[lonnp@vhu.edu.vn](mailto:lonnp@vhu.edu.vn) ; [practiceyenhns@vhu.edu.vn](mailto:practiceyenhns@vhu.edu.vn) :

### 2.4. Announcement of results

- The judges will score according to the above criteria.
- Select 20 ideas/topics according to the principle of selecting ideas/topics with total scores from high to low, but must reach a minimum of 60 points into the semi-finals.
- The preliminary round results will be announced on April 10, 2025, posted on the VHU website and schools/academies in block 22.

## 3. Semi-finals

### 3.1. Objectives

- Evaluate the completeness of the idea/topic and the group's presentation ability.
- Test the persuasiveness, argumentation and practicality of the idea/topic.
- Select the best ideas/topics for the final round.

### 3.2. Evaluation criteria and scoring scale (Total 100 points)

Criteria	Describe	Scoring
Level of completion of the idea/topic	Level of development of the product/idea/topic (prototype, testing, completion).	20 points
Creativity and innovation	Ideas that are different and innovative from existing solutions.	20 points
Practical applications and development potential	Ability to deploy in practice, scale up, commercialize.	15 points
Presentation quality	The way of conveying information is clear, logical, attractive, and to the point.	15 points
Ability to argue	Answer questions from the Jury, demonstrate the feasibility of the idea/topic.	15 points
Social impact and value delivered	Benefits that the idea/topic brings to the community, society, industry	15 points

### 3.3. Semi-final round rules

- Form: Present directly to the Board of Judges. Candidates who do not present will be eliminated from the competition.
- Time: Each team has 10 minutes to present + 5 minutes to answer questions.
- Presentation support: Candidates can use PowerPoint slides, demo videos, mockups, real products (if any). The organizer will provide projectors, microphones, and projection screens.

### 3.4. Scoring and announcement of results:

- The judges will evaluate according to the above scale.
- Select 15 ideas/topics according to the principle of selecting ideas/topics with total scores from high to low, but must reach a minimum of 70 points into the final.
- Results will be announced after the round in the round. 24 - 48 hours.

## 4. Final round

### 4.1. Objectives

- Comprehensive assessment of the quality and application potential of the idea/topic.
- Test the product's real-world implementation and maturity.
- Find the winning team with the most innovative and applicable solution.

### 4.2. Evaluation criteria and scoring scale (Total 100 points)

Criteria	Describe	Scoring
Creativity and innovation	The idea/topic is different, innovative or groundbreaking compared to existing solutions.	20 points
Level of product/service completion	The idea/topic has a prototype, real-world test, or solution ready to deploy.	20 points
Practical applications and development potential	Ideas/topics that have the potential to be commercialized, scaled, and solve real-world problems.	20 points
Presentation quality	Professional, coherent and convincing presentation style.	15 points



Ability to debate and answer questions	Answer questions from the Expert Panel well, demonstrating in-depth understanding of the idea/topic.	15 Point
Social impact and sustainable value	The impact of the idea/topic on the community, society or technology field.	10 points

#### **4.3. Final round rules**

- Form:
  - o Present live to a panel of experts and audience.
  - o Available ppt slides, demo videos, real products, presentation models.
- Time: 15 minutes presentation + 10 minutes to answer questions from the judges.
- Jury: Including experts from technology, business, lecturers and professional consultants.

#### **4.4. Scoring and results:**

- The judges will score according to the above criteria.
- The total score will determine the final ranking.
- Results will be announced immediately after the round.

#### **IV. Prize structure**

- 01 Special Prize: Certificate of Merit + Cash 20,000,000 VND.
- 01 First Prize: Certificate of Merit + Cash 15,000,000 VND.
- 02 Second Prizes: Certificate of Merit + Cash 10,000,000 VND
- 03 Third Prize: Certificate of Merit + Cash 5,000,000 VND
- 08 Consolation prizes: Certificate of merit + Cash 2,000,000 VND

#### **VI. Rights to participate in the contest**

- Valuable and meaningful prizes: Receive cash prizes and certificates from the Organizing Committee.
- Training and consulting on idea/topic development: The Organizing Committee supports training and consulting for ideas and topics participating in the contest, increasing the applicability and implementation ability of ideas/topics.
- Skill Development: Practice research, creativity, presentation, debate and teamwork skills.



- Connecting experts & businesses: Opportunity to present ideas/topics to experts, investors and large businesses.
- Job & Internship Opportunities: Outstanding ideas/topics may receive internship offers or cooperation with businesses and research institutes.

## **ORGANIZING COMMITTEE**



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## CONTEST REGISTRATION FORM

### TECHNOLOGY INNOVATION COMPETITION - 2025

*Topic: Youth and the desire for technological innovation*

To: CONTEST ORGANIZING COMMITTEE

My name is (Team leader): ..... Male ☐ Female ☐

Date of birth: .....

Currently studying in class: ..... School: .....

School address: .....

Phone: ..... E-mail: .....

Specialized: .....

Name of idea/contest topic: .....

List of participating members:

STT	Full name	Date of birth	E-mail	Class	School

I/We who register for the contest have read the Contest Rules and guarantee that the above content is true and not copied from any technology idea/topic. I/We commit not to violate the intellectual property rights of anyone. If wrong, I/We will take full responsibility.

**Ho Chi Minh City date    month    2025**

**Representative**

### SCHOOL/STUDENT CONFIRMATION



## IDEA/TOPIC DESCRIPTION

(Enclosed with entry form)

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1- Name of the idea/contest topic

2- Competition fields:

- ☐ Artificial Intelligence Technology, Semiconductor and Electronics and Telecommunications Engineering Group
- ☐ Biotechnology, Medicine, Biomedical and Agriculture Group
- ☐ Technology in Education and Technology Application in Sustainable Development Group

3- Known ideas/topics and weaknesses or limitations that need to be overcome; Purpose of the idea/topic (to overcome which weaknesses or limitations? Features, applicability, implementation?)

4- What problem does the idea/contest topic solve? New creation, replacement?

5- Novelty and creativity in terms of science and technology of the contest idea/topic

6- Where has the idea/topic been tested, how effective is it, which unit applied it...

7- The effectiveness and application prospects of the contest ideas/topics;

8- Attached illustrative documents

9- Video clip (if any)

***Ho Chi Minh City date      month      2025***  
**Representative**

## SCHOOL/INSTITUTION ACKNOWLEDGEMENT