



BRICS
BUSINESS
COUNCIL



2026

BRICS SKILLS COMPETITION (BRICS+ Future Skills & Technology Challenge)

China's Division

Concept Note





I. BACKGROUND

In order to continue upholding the spirit of “*skills development, technological innovation and promotion of vocational education*” in the BRICS Declarations, and to fulfill the initiatives of BRICS+ countries on “*holding a vocational skills competition to build a platform for exchanges and cooperation between vocational schools and enterprises of the BRICS+ countries*”, the BRICS+ Future Skills and Technology Challenge has established a high-standards competition platform with distinct vocational education characteristics, with hundreds of thousands of competitors and experts from BRICS+ countries widely participated at last few years, facilitating in-depth cooperation on the education and people-to-people exchanges, pragmatically promoting the collaboration between schools and enterprises and advancing the international integration of industry and education among BRICS+ countries.

Under India’s Presidency of BRICS+ countries in 2026, the 2026 BRICS Future Skills & Technology Challenge will take place continuously, as a flagship, high-visibility, youth- and industry-facing initiative that advances future skills, technology innovation and BRICS+ cooperation. By the authorization from the India Chairship, the **China Section of BRICS Business Council Skills Development, Applied Technology and Innovation Working Group, BRICS Alliance for Skills Development** are going to organize the **2026 BRICS Skills Competition (BRICS+ Future Skills & Technology Challenge)** in China’s Division, with 33 skills will be distributed in the education and training institutions around October to December. Participants from BRICS+ countries are sincerely invited to participate in this competitions in China physically or remotely.

II. INTRODUCTION

This competition includes 33 skills, focus on intelligent manufacturing, artificial intelligence, digital technical skills, green skills, new industry, new technology and etc., with aims to level up the capabilities of young professionals and students on humanistic skills and future skills transformation, foster cross-border collaboration, creativity, and applied learning, encourage participants to develop solutions that are both locally relevant and globally scalable, so as to enrich the cooperation between vocational institutions & enterprises, advance the integration between industry and education, and cultivate high-quality technical skilled talents for BRICS+ countries.

III. ORGANIZATIONAL STRUCTURE

Hosts:

Federation of Indian Chambers of Commerce and Industry (FICCI)

BRICS Business Council (BBC)

Organizer:

BRICS Business Council Skills Development, Applied Technology and Innovation Working Group (BBC STIWG)

Chinese Organization Units:

China Section of BRICS Business Council Skills Development, Applied Technology and Innovation Working Group (China STIWG)

BRICS Alliance for Skills Development

Co-organizing Unit:

China Center for International People-to-People Exchange, Ministry of Education (MOE)

IV. TIMELINE OF MAIN ACTIVITIES

- **Deadline of Registration:** September 30th 2026
- **Online Training Camp:** September - October 2026
- **Finals Competition:** October - December 2026
- **Format of Competition:** International teams are invited to participate in an offline format mainly, and the online format will be an option.

V. REGISTRATION

- Teachers, students or working staff aged 16 to 35 years old are permitted to participate in the competition as competitors.
- All teams are requested to register on the basis of country. Each BRICS Business Council Skills Development, Applied Technology and Innovation Working Group (BRICS STIWG) would be invited to facilitate the registration for teams from each BRICS country. If you are applying from BRICS Member Countries, such as **Brazil, Russia, India, South Africa, Saudi Arabia, Egypt, United Arab Emirates, Iran, Ethiopia, Indonesia**, please contact the BRICS STIWG in your country and register for the competitions with them. If you are applying from BRICS Partner countries, such as **Belarus, Bolivia, Kazakhstan, Cuba, Malaysia, Thailand, Uganda, Uzbekistan, Nigeria, Vietnam** or other BRICS+ countries, please contact and register directly with the Chinese organizer.
- More competitors and experts are sincerely welcomed to participate in the Competition, and it's up to 10 teams for each skill from every country.
- Each team will designate one representative to handle the registration. Please download, fill in this registration form and revert.

https://docs.google.com/spreadsheets/d/1CyJRevfYgZO_gs6dAD3aqiZiuW8ulcyM/edit?usp=drive_link&oid=112840046372503521095&rtpof=true&sd=true

- Please email the completed registration form to bricsfsc@126.com and jiakexinxing@126.com by September 30th 2026.

VI. CONCURRENT EVENTS

Based on the working programme of 2026, the China STIWG will organize the **2026 BRICS COMPETITION OF SKILLS DEVELOPMENT AND TECHNOLOGY INNOVATION** in China, which will be distributed and take place in the TVET institutions and centers around China during the last quarter of 2026. The **BRICS COMPETITION OF SKILLS DEVELOPMENT AND TECHNOLOGY INNOVATION**, as a key track of BRICS Future Skills & Technology Challenge, is themed by “developing intelligent manufacturing technical skills, AI, digital technical skills and future technical skills in the era of Industry 4.0, as well as intangible cultural heritage craftsmanship skills, so as to cultivate international and highly skilled talents with advanced technical proficiency and those specializing in people-to-people exchanges”. We hereby sincerely invite the international participants for these competitions so as to deepen the exchange and cooperation on the TVET and higher education.

The skills are listed in Annex 2.

VII. DOCUMENTATION DOWNLOAD

Technical documentations can be downloaded via the Official Website or Google Drive:

➤ **Official Website of BRICS Skills Competition**

<http://en.brskills.com/event/BRICSSkillsCompetition/2026-05-29/373.html>

➤ **Google Drive**

https://drive.google.com/drive/folders/1Bke9bb_jYsojcNcTy9gL6C25yxC2qgMV?usp=drive_link

VIII. CONTACTS

China Section of BRICS Business Council Skills Development, Applied Technology and Innovation Working Group

1. **Mr. Luke Du** (for Registration from Brazil, Saudi Arabia & Egypt)

Mobile No.: 0086-15010650107

2. **Mr. Henry Bai** (for registration from Russia, UAE & Iran)

Mobile No.: 0086-13621030121

3. **Ms. Sophie Gao** (for registration from India & Ethiopia)

Mobile No.: 0086-18510331484

4. **Ms. Emily Zhao** (for registration from South Africa & Indonesia)

Mobile No.: 0086-18612249270

5. Participants from BRICS Partners & BRICS+ countries please contact Mr. Luke

E-mail: bricsfsc@126.com, jiakexinxing@126.com

Website: <http://en.brskills.com/event/BRICSSkillsCompetition/>

IX. ATTACHMENTS

Annex 1: List of Skills for 2026 BRICS Skills Competition (BRICS+ Future Skills & Technology Challenge)_China's Division

Annex 2: Skills for International Participants under 2026 BRICS Competition



of Skills Development and Technology Innovation

**China Section of BRICS Business Council Skills Development,
Applied Technology and Innovation Working Group**

15th July, 2026



Annex 1: List of Skills for 2026 BRICS Skills Competition (BRICS+ Future Skills & Technology Challenge)

2026 BRICS Skills Competition (BRICS+ Future Skills & Technology Challenge)			
No.	Code of Skills	Name of Skills	# Competitors/Team
1	BRICS-FS-06	Building Information Modelling BIM	2 Competitors
2	BRICS-FS-08	Embodied Intelligence Innovative Applications	2 Competitors
3	BRICS-FS-12	Industrial Internet	2 Competitors
4	BRICS-FS-14	Development and Application of UAV System	2 Competitors
5	BRICS-FS-16	Internet of Things	2 Competitors
6	BRICS-FS-20	5G Network Construction and Operation & Maintenance	2 Competitors
7	BRICS-FS-23	Digital Industry (Industrial Digital Twin)	2 Competitors
8	BRICS-FS-28	Cyber Security	2 Competitors
9	BRICS-FS-32	Smart Agriculture	2 Competitors
10	BRICS-FS-36	Industrial Data Acquisition and Intelligent Analysis Applications	1 Competitor
11	BRICS-FS-37	Installation and Commissioning of New Power System	2 Competitors
12	BRICS-FS-40	Industrial Robot Digital Twin Technology Application	2 Competitors
13	BRICS-FS-44	Digital Visual Art Design	2 Competitors
14	BRICS-FS-47	Virtual Simulation of Landscape Gardening Construction	2 Competitors
15	BRICS-FS-48	Application of Smart Construction Technologies in Urban Renewal	2-3 Competitors
16	BRICS-FS-51	Digital Control Technology	2 Competitors
17	BRICS-FS-52	Intelligent Control and AI Collaborative Application	2 Competitors

18	BRICS-FS-53	Safety Management and Emergency Rescue	2-4 Competitors
19	BRICS-FS-56	Artificial Intelligence Technology Applications	2 Competitors
20	BRICS-FS-57	AI Multimodal and Electronic Design Technology	3 Competitors
21	BRICS-FS-58	Artificial Intelligence Applications Innovation	2 Competitors
22	BRICS-FS-59	Design and Application of Internationalized Digital Resources	3-5 Competitors
23	BRICS-FS-61	Biological Inspection Technology	1 Competitor
24	BRICS-FS-62	Green Chemical Safety Intelligent Control	3 Competitors
25	BRICS-FS-63	Embodied Intelligence Engineering Technology	1 Competitor
26	BRICS-FS-64	Low-altitude Intelligent Aircraft Application	2 Competitors
27	BRICS-FS-65	AI Digital Intelligent Agricultural Virtual Simulation	2 Competitors
28	BRICS-FS-66	Intelligent Manufacturing Digital Application	2 Competitors
29	BRICS-FS-67	IT Application Innovation & AI Cross-Border Multilingual Cultural Applications	3 Competitors
30	BRICS-FS-68	Biomedical Innovation Skills	3-4 Competitors
31	BRICS-FS-69	Digital Construction Design	2 Competitors
32	BRICS-FS-70	Smart New Energy Vehicles Manufacturing	2 Competitors
33	BRICS-FS-71	Integrated Circuit Development and Application	2 Competitors

Annex 2: Skills for International Participants under 2026 BRICS Competition of Skills Development and Technology Innovation

2026 BRICS Competition of Skills Development and Technology Innovation				
No.	Code of Skills	Name of Skills	# Competitors /Team	Format
TRACK OF SKILLS OPERATION				
1	I-2026BR-001-CN	Welding	1-2	Online & Onsite
2	BRICS2026-ST-001	Digital Construction Technology Application for Road and Infrastructure Projects	2	Onsite
3	BRICS2026-ST-002	Intelligent Construction Technology Application in Civil Engineering and Architecture	2	Onsite
4	BRICS2026-ST-016	E-commerce Operation Data Analysis	3	Onsite
5	BRICS2026-ST-017	Modern Beverage Integrated Innovation Design and Service Skills	2-4	Onsite
6	BRICS2026-ST-018	Smart Cultural Tourism Product Design and Marketing Skills	2-4	Onsite
7	BRICS2026-ST-049	3D Digital Content Design and Creation	3	Onsite
8	BRICS2026-ST-050	New Energy Vehicle Innovation and Production	2	Onsite
9	BRICS2026-ST-051	Cross Border E-commerce Skills and Data Analysis	2	Onsite
10	BRICS2026-ST-052	Power System Automation	1	Onsite
11	BRICS2026-ST-053	Intelligent Detection for Industrial Parts	1	Onsite
12	BRICS2026-ST-054	UAV Flight Operations and Application Technology	1	Onsite
13	BRICS2026-ST-055	Mechanical Product Digital Design and Manufacturing	1	Onsite
14	BRICS2026-ST-056	UAV Operation	1	Onsite

15	BRICS2026-ST-057	AI Empowering Digital Creative Design and Application	3	Onsite
16	BRICS2026-ST-058	Digital Multi-axis Machining Innovative Manufacturing	2	Onsite
17	BRICS2026-ST-059	Drone Logistics & Transportation	2	Onsite
18	BRICS2026-ST-060	Virtual Reality Product Design and Development	2	Onsite
19	BRICS2026-ST-061	3D Printing Modeling Technology	2	Onsite
20	BRICS2026-ST-089	Time-Space Intelligence Applications Innovation	1-4	Onsite
21	BRICS2026-ST-090	International Digital Supply Chain Operation of Agricultural Products	2-3	Onsite
22	BRICS2026-ST-103	Health Care for the Elderly	1	Onsite
23	BRICS2026-ST-105	Elderly Ability Assessment	2	Onsite
24	BRICS2026-ST-106	Baby Care	2-3	Onsite
25	BRICS2026-ST-107	Nutritional Diet	2	Onsite
26	BRICS2026-ST-108	Educational Tourism Instructors	2-3	Onsite
27	BRICS2026-ST-114	Family Education	3-4	Onsite
28	BRICS2026-ST-117	Campus First-aid and Rescue Technology	2	Onsite
29	BRICS2026-ST-118	"Chinese + Professional Skills" International Digital Application	1	Onsite
30	BRICS2026-ST-125	Railway Signal Control	2	Online & Onsite
31	BRICS2026-ST-131	New Energy Storage Technology and Applications	1	Onsite
32	BRICS2026-ST-143	AI+ Application Innovation and Security Design	1-3	Onsite
33	BRICS2026-ST-147	Traditional Intangible Cultural Heritage Martial Arts Based on a Digital and Intelligent Management System	1-6	Onsite
34	BRICS2026-ST-156	AI Interactive 3D Digital Work Design	2	Onsite
35	BRICS2026-ST-157	Intelligent Operations and Maintenance Technology of Robot	1	Onsite

36	BRICS2026-ST-158	AI+Intelligent Production Line Digital Technology Application	2	Onsite
37	BRICS2026-ST-159	Digital Twin Of Industrial Products (Virtual Assembly & Debugging)	2	Onsite
38	BRICS2026-ST-161	Digital Innovation Design of Products	2	Onsite
39	BRICS2026-ST-163	Chinese Information Processing (Direction of Clerk)	1	Onsite
TRACK OF TECHNOLOGY INNOVATION AND TEACHERS' COMPETITION				
40	BRICS2026-TI-001-01	Intelligent Advanced Manufacturing	1-5	Online & Onsite
	BRICS2026-TI-001-02	Digital Health and Healthcare	1-5	Online & Onsite
	BRICS2026-TI-001-03	Green Energy and Carbon Neutrality	1-5	Online & Onsite
	BRICS2026-TI-001-04	AI-Integrated Applications	1-5	Online & Onsite
	BRICS2026-TI-001-05	Virtual Simulation and Metaverse	1-5	Online & Onsite
	BRICS2026-TI-001-06	Digital Agriculture and Food Security	1-5	Online & Onsite
	BRICS2026-TI-001-07	Aerospace Information and Communication Technology	1-5	Online & Onsite
	BRICS2026-TI-001-08	Smart Governance and Public Administration	1-5	Online & Onsite
	BRICS2026-TI-001-09	Ecological Protection and Resilient Cities	1-5	Online & Onsite
	BRICS2026-TI-001-10	Future Frontier Technology Exploration	1-5	Online & Onsite
41	BRICS2026-TI-007	BRICS Vision Short Video & Film	1-5	Online & Onsite
42	BRICS2026-TI-008	Research Travel Course Design and Implementation Innovation	2-4	Online & Onsite
43	BRICS2026-STT-001	Teachers' Teaching Ability	1-4	Online & Onsite