

ANNOUNCEMENT

YOUNG SCIENTISTS FOR ARTIFICIAL INTELLIGENCE



04-05 April 2026

Venue :

National Science & Technology Complex
Agargaon, Dhaka, Bangladesh

Organized by



Bangladesh Academy of Sciences

INVITATION

The growth of Artificial Intelligence (AI) in recent times has been exponential. The rapidly growing, transformative technology is moving from simple, rule-based systems to generative tools that can create new content. Its ability to process data has made it essential for innovation. Enhancing productivity by automating repetitive tasks and reducing human error, it is going to change and upgrade the world we live in today. AI, however, also raises ethical concerns regarding algorithmic bias, data privacy, job displacement, and the need for, and potential misuse of 'black box' algorithms.

Realizing the importance of AI, the Theme of the 6th Young Scientist Congress has been fixed as 'Young Scientists for Artificial Intelligence'. Bangladesh is now enjoying a 'demographic dividend' with a relatively high proportion of young people serving as the primary engine for the development of the country. It is now important to equip this young generation with frontline science, technology and innovation (STI) tools so that they can serve society better at present and also prepare themselves to face the challenges in the future. In the series of Young Scientist Congress, the senior scientists and experts from home and abroad share their knowledge and experience with the younger counterparts, who are the main focus of the events. In addition to invited lectures, there will be opportunities for oral and poster presentations on relevant topics and it is expected that a large number of active researchers will be able to interact through these free paper sessions. The 6th Congress of the series has been designed to highlight research areas addressing some of the major challenges faced by our country, especially in the adoption of AI in various sectors. We believe that the younger researchers will generate stimulating ideas for their future work through this Congress.

We look forward to your participation in the Congress.

Prof Dr Yearul Kabir
Secretary, BAS

Prof Dr Zahurul Karim
President, BAS

Prof Dr Liaquat Ali
Organizing Secretary
6th Young Scientist Congress 2026

Maj General (Retd) Prof Dr ASM Matiur Rahman
Chair, Organizing Committee
6th Young Scientist Congress 2026

ORGANIZING COMMITTEE

Chair

Maj Gen (Retd) Prof Dr ASM Matiur Rahman

Members

Prof Dr ZN Tahmida Begum	Prof Dr Yearul Kabir
Prof Dr Shariff Enamul Kabir	Prof Dr Chowdhury Rafiqul Ahsan
Prof Dr Haseena Khan	Prof Dr M Tofazzal Islam
Prof Dr Md Abdur Rashid	Dr Aliya Naheed
Prof Dr Md Abdul Alim	Prof Dr Hasan Mahmud Reza

Organizing Secretary

Prof Dr Liaquat Ali

PROGRAM COMMITTEE

Chair

Prof Dr Md Abdur Rashid

Members

Prof Dr Haseena Khan
Prof Dr Mesbahuddin Ahmed
Prof Dr M Feroze Ahmed
Prof Dr M Jahiruddin
Prof Dr Md Anwar Hossain
Dr Aliya Naheed

SCIENTIFIC COMMITTEE

Chair

Prof Dr ZN Tahmida Begum

Members

Prof Dr Zeba Islam Seraj
Prof Dr Md Abu Bin Hasan Susan
Prof Dr Kazi Matin Uddin Ahmed
Prof Dr Hasan Mahmud Reza
Prof Dr Emdadul Haque Chowdhury
Prof Dr Mohammed Almujaaddade Alfasane
Dr Md Shamsuzzoha Bayzid

SCIENTIFIC COMMITTEE FINANCE, LOGISTICS & ENTERTAINMENT COMMITTEE

Chair

Prof Dr Shariff Enamul Kabir

Members

Prof Dr Md Abdul Alim	Prof Dr Quazi Deen Mohammad
Prof Dr M Tofazzal Islam	Prof Dr Md Mamun Molla
Prof Dr Md Atiar Rahman	Prof Dr Kamrun Nahar
Prof Dr Md Shahdat Hossain	Prof Dr Shaikh Jamal Uddin

SCIENTIFIC AREAS TO BE COVERED

Physical, Chemical, Natural Resources & Environmental Sciences

Agricultural and Biological Sciences

Mathematical, Engineering and Computer Sciences

Health, Nutritional and Pharmaceutical Sciences

INVITED SPEAKERS

THEME LECTURE

Prof Dr Ehsan Haque

Professor of Computer Science, University of Rochester, New York, USA

Young scientists for artificial intelligence

INVITED SPEAKERS

Prof Hasan Sarwar

School of Science and Engineering, United International University, Dhaka, Bangladesh

Human Intelligence vs Artificial Intelligence

Dr Suvash C Saha

School of Mechanical and Mechatronic Engineering, University of Technology Sydney (UTS), Ultimo, Australia

Breathing a mixed particle soup: Computational and AI Models of microplastic-pollutant deposition in human airways

Professor M Shamim Kaiser

Institute of Information Technology, Jahangirnagar University, Savar, Dhaka, Bangladesh

AI-powered healthcare services: Transforming patient care

Prof Dr Md Rakib Hassan

Department of Computer Science and Mathematics, Bangladesh Agricultural University, Mymensingh, Bangladesh

AI-driven smart agriculture and precision farming

Prof Dr Md Zaved Hossain Khan

Dept of Chemical Engineering, Jessore University of Science and Technology, Jessore, Bangladesh

Smart nano-biotechnology for future drug delivery

Prof Dr Munawar Sultana

Dept of Microbiology, University of Dhaka, Bangladesh

Computational modeling and development of teseptimavirus-based phago-biosensor for sensitive detection of Salmonella spp from humans to agricultural products: A One Health Approach

Dr Mohammad Kamruzzaman Milon

Farm Machinery and Postharvest Technology Division, Bangladesh Rice Research Institute (BRRI), Gazipur, Dhaka, Bangladesh

From climate risk to climate intelligence: Artificial Intelligence for resilient agriculture in Bangladesh

Prof Dr Tanzima Hashem

Department of Computer Science and Engineering, Bangladesh University of Engineering and Technology, Dhaka, Bangladesh
TBD

Professor Dr Md Tofazzal Islam

Institute of Biotechnology and Genetic Engineering (IBGE), Gazipur Agricultural University, Gazipur, Bangladesh

AI-driven decoding of host-microbe interactions for CRISPR-Edited Climate-Smart wheat

Md Ashikur Rahman

Bangladesh Fisheries Research Institute, Mymensingh, Bangladesh

Targeted disruption of foodborne biofilms and innovative antimicrobial strategies for seafood safety

GENERAL INFORMATION

Language : English is the official language of the Congress

Visa : Citizens of most countries require visa for entry into Bangladesh. The local Bangladesh Embassy or Consulate may kindly be contacted.

Currency : Taka (Tk) Conversion rate US\$= Tk 125.00 (approx.)

Accommodation : Accommodation of hotels can be arranged on request. Please contact the Congress Secretariat for further information.

Travels and Tours : Customized Tours can be organized for foreign participants. Please contact the Congress Secretariat immediately after arrival.

Registration Fees

General Participants (age below 45 yrs) : Tk. 2,000/-

Students (Proof required) : Tk. 1000/-

Payment can be made through Southeast Bank Ltd Account : BAS- Young Scientist Program, No- 002012100012934 or Mobile Banking (with extra 2% service charge) : Bkash- 01940916525 or Nagad- 01940916525 (all personal).

Closing Date for Registration : 25 March 2026

Please fill the enclosed Registration form (photocopies of the forms are acceptable). You can also register online by clicking the google registration form <https://forms.gle/Pq3eYy5akCmDomYS7>. You may visit BAS website at www.bas.org.bd. The Participant's registration fee includes access to Scientific Programs, Congress Publications, Reception, Tea / Coffee, Lunch and Dinner.

Call for Abstracts

Participants interested to present their original works in the Free Paper Sessions (12 minutes followed by 3 minutes discussion for each participant) or Poster Sessions in the Congress are invited to submit abstracts by **23 March 2026**

Instructions for abstract

- The abstract should be structured as a) Background and objectives, b) Methods, c) Results, and d) Conclusions
- Abstract must be within 300 words
- Preference for oral or poster presentation should be stated
- The presenting author's name should be underlined
- The presenting author's full contact address (including phone number and e-mail must be given)
- The abstract may be submitted online using the relevant google form (a google account will be required) or it can be submitted offline by sending it to the secretariat through e-mail to youngscientistcongress@gmail.com

weblink: https://event.bas.org.bd/index.php/YSC6/Submission_

Presentation

Multimedia projection facilities will be available



Registration Deadline
25 March 2026

Correspondence

Congress Secretariat

6th Young Scientist Congress 2026, Bangladesh Academy of Sciences
National Science & Technology Complex, Agargaon, Dhaka 1207

Phone: +8802 41025084, +8802 41025086

e-mail: youngscientistcongress@gmail.com, Website: www.bas.org.bd