



# GYA AGM and International Conference of Young Scientists

Hyderabad, India  
10-13 June 2025



**GLOBAL  
YOUNG  
ACADEMY**



Indian National Young  
Academy of Sciences



Indian Institute of Technology  
Hyderabad

## Programme

## Sunday, 8 June 2025 Pre-AGM

08:45-18.00

### Science Leadership Workshop for New Members - Day 1

Internal Workshop (registration required). This 1.5-day workshop aims to give new GYA members space to reflect together on how to be leaders in diverse contexts: in their research contexts, in the institutions and communities where they live and work, and in the GYA. The workshop will cover topics like effective and creative problem solving, collective leadership tools, personality differences and preferences in teams and cultural dexterity. It will give new GYA members confidence as they begin their tenure with the GYA and attend their first Annual General Meeting.

## Monday, 9 June 2025 Pre-AGM

08:45-13:00

### Science Leadership Workshop for New Members - Day 2

Internal Workshop. Continuation from Day 1.

09.00-10.30

### LOC & GYA Office meeting

Internal Meeting

11:00 - 13:00

### EC-in-person Meeting

Internal Meeting

14:00 -16:00

### Early & Mid-Career Researchers: Towards an Inclusive Research Assessment System

Pre-event workshop (public session)

This workshop brings together local and international experts in order to discuss future directions for research assessment, with special attention to early and mid-career researchers. The session will focus on how the Agreement on Reforming Research Assessment can guide academic

stakeholders towards qualitative assessment practices with quantitative considerations playing a supportive but non-primary role, what challenges lie ahead for this goal, and how we can meet these challenges in a way that is inclusive of Global South perspectives and needs. After a panel discussion with representatives of early/mid-career and senior researchers as well as academic publishers, the second half of the session will invite members of the audience to engage with the workshop topic and share their own views with the panel and the other participants.

This workshop is funded by the GYA and CoARA Boost, a Horizon Europe-funded project designed to bring research assessment beyond its current simplistic reliance on journal-based quantitative indicators and quantity over quality.

### *Speakers*

Vanessa McBride, Science Director, International Science Council

Luciana Balboa, Biomedical Researcher, University of Buenos Aires CONICET, Argentina; CoARA Steering Board member & GYA member

Neville Compton, Editor-in-Chief of *Small*, Wiley

Ashutosh Sharma, President, Indian National Science Academy (INSA)

### *Moderator*

Yensi Flores Bueso, University College Cork, Ireland; GYA Co-Chair

### *Organisers*

Eva Dekány, Senior Researcher, Hungarian Research Centre for Linguistics; GYA Member

Maria Ronald, Communications Officer, ALLEA

Carina Geldhauser Telitsin, Senior Scientist, ETH Zurich, Switzerland; GYA Member

16:30 -18:30

## **Bridging Borders: The Future of Science Diplomacy**

Pre-event workshop (public session)

In an era defined by global crises-from pandemics to climate change-science diplomacy has emerged as a vital conduit between the scientific community and international policy-making. It seeks not only to inform and support foreign policy through scientific expertise but also integrates scientific collaboration across borders via three interconnected pillars: diplomacy for science, which facilitates international research collaboration; science for diplomacy, which builds goodwill among nations through shared scientific endeavours; and science in diplomacy, where scientific evidence informs foreign policy decisions

The 'Science Diplomacy' panel discussion aims to focus key themes that define the field's current trajectory and future possibilities like inclusion and representation; early career engagements and building sustainable networks. Through equitable partnerships and sustained investment in evidence-based dialogue, science diplomacy can continue to serve as a transformative force for international cooperation and problem-solving in the 21st century.

### *Speakers*

Kana Asano, Science diplomacy expert at Japan Science & Technology Agency (JST)

B. Chagun Basha, Chief Policy Advisor, Office of the Principal Scientific Advisor to the Government of India

Suryesh K Namdeo, Senior Research Analyst, DST-Centre for Policy Research- Indian Institute of Science, Bangalore; INYAS Member

Justine Germa Nzweundji, Plant Biotechnologist at Institute of Medical Research and Medicinal Plants Studies, Cameroon; GYA Member

Hiba Baroud, Associate Professor of Civil and Environmental Engineering Director (interim) of the Vanderbilt Center for Sustainability , Energy, and Climate, United States; GYA Member

Sushmitha Ramoji, British High Commission, New Delhi

#### *Moderators*

Sandeep Sandhu, Head of Stakeholder Relationships, Innovate UK Business Connect; UK Young Academy Member

Veda Krishnan, Senior Scientist, ICAR-Indian Agricultural Research Institute; GYA & INYAS Member

#### *Organiser*

Chandra Shekhar Sharma, Professor IIT Hyderabad, GYA Co-Chair, Former INYAS Chair.

## Tuesday, 10 June 2025 - Conference Day

08:30 - 09:00

### GYA for a Sustainable World - Tree Plantation

Tree Plantation by Chief Guest, invited guests and GYA leadership.

09:00 – 10:30

### Official Opening of AGM & Conference

Public session - Welcome, Inauguration of new members, Official start of AGM and Conference

#### *GYA Co-Chairs*

Yensi Flores Bueso, Postdoctoral Researcher, University College Cork, Ireland

Chandra Shekhar Sharma, Professor, IIT Hyderabad, India

#### *INYAS Chair*

Nishant Chakravorty, Associate Professor, IIT Kharagpur, India

### *Guest Opening Speakers*

B S Murty, Director, IIT Hyderabad

BVR Mohan Reddy, Chairman, Board of Governors, IIT Hyderabad

Ashutosh Sharma, President, INSA

### *Chief Guest*

Dharmendra Pradhan, Union Minister of Education, Government of India

11:00 - 12:30

## **Innovation & Entrepreneurship: Global Landscape**

Plenary Panel (public session)

This session will focus on the evolving global landscape of innovation, emphasizing the intersections between academia, industry, and social impact. With a particular focus on bridging the divide between theoretical frameworks

and practical applications, the discussions aim to re-conceptualize how education and entrepreneurial endeavors can synergize to address the pressing needs of the next billion individuals worldwide. In addition to academic entrepreneurship, the session will look at institutional factors that drive innovation and foster sustainable growth, such as mentorship, funding mechanisms, policy and networks.

### *Keynote Speaker*

Subi Chaturvedi, Global SVP, Chief Corporate Affairs and Public Policy Officer, InMobi

### *Speakers*

Jayesh Ranjan, Special Chief Secretary, Industry & Investment Cell, Govt. of Telangana

Nohad AlOmari, Former Dean and Professor, Mosul University, Iraq

Erick Komolo, Lecturer at the Faculty of Law, Egerton University, Kenya; GYA Member

Arnab Dutta, Associate Professor, Indian Institute of Technology Bombay; INYAS Member

### *Moderator*

Francesco Maurelli, Professor in Marine Systems and Robotics, Constructor University, Germany

14:15 - 15:45

## **Building Awareness on Environmental, Social & Governance (ESG) in a Global Context**

Plenary Panel (public session)

This session will focus on key global environmental, social and political challenges, spotlighting strategies that promote sustainability and resilience. Topics will include education on environmental policies, public initiatives to implement circular economy practices, and guidelines for environmental and socially sustainable industry.

### *Speakers*

Luisa Diele-Viegas, Professor of Ecology, Federal University of Bahia, Brazil; GYA Member

Smita Pandey Mishra, Founder and CEO, Fandoro Technologies Pvt Ltd

Balaji Kaliappan, Director of Engineering, Carrier Technologies

Shweta Yadav, Assistant Professor, Central University of Jammu; INYAS Member

### *Moderator*

Keith Phiri, Senior Lecturer, Dept. of Environmental Science, National University of Science and Technology, Zimbabwe; GYA Member

15:45 - 17:15

### **GYA Activities Fair**

GYA Working Groups, Incubators, Projects & Committees

17:30 - 18:45

### **Research Talks**

Parallel Sessions

*Session 1: Moderator:* Reem Abou Assi

*Session 2: Moderator:* Aram Simonyan

*Session 3: Moderator:* Wilson Alavia Medina

### **Welcome Dinner**

## **Wednesday, 11 June 2025 - Conference Day**

06:00 - 07:00

**Commemorative "Crystal" 5K & 2K Run - Celebrating 15 Years of GYA!**

Loop Route 11TH IGH - Optional morning activity

09:00 - 10:30

**Industry 5.0: Augmenting Human-Machine Interface**

Plenary Panel (public session)

This session will focus on the advent of Industry 5.0, which ushers in an era of harmonious synergy between human ingenuity and advanced machine intelligence. This paradigm shift redefines frontiers of innovation across pivotal sectors such as health care, education, and manufacturing. This session will address the transformative potential of Industry 5.0, underscoring its capacity to amplify human capabilities while navigating critical challenges. Central topics will be sustainability and ethical considerations, implications for medicine and diagnostics, and for education.

### *Speakers*

Recorded input by Gabriela Ramos, Former Assistant Director-General for Social and Human Sciences at UNESCO / Candidate for UNESCO Director-General

Emilija Stojmenova Duh, Associate Professor, Faculty of Electrical Engineering, University of Ljubljana, Slovenia; GYA Member

Rishemjit Kaur, Principal Scientist, Council of Scientific & Industrial Research - Central Scientific Instruments Organisation; INYAS Member

Suresh Bhagavatula, Professor, Indian Institute of Management, Bangalore

### *Moderator*

Nishad Fathima Nishter, Chief Scientist, Senior CSIR-Central Leather Research Institute, India; INYAS Member

11:00 - 12:30

## Health and Nutrition for Global Wellness

Plenary Panel (public session)

This session will focus on illuminating critical challenges - such as childhood obesity, water quality, digital health, mental health, and emerging diseases - and pioneering solutions, aiming to inspire actionable strategies that pave the way for equitable, inclusive and sustainable global wellness.

### *Speakers*

Remi Quirion, President, International Network for Governmental Science Advice (INGSA)

Debashis Mitra, Vice-President, Indian National Science Academy (INSA, International Affairs)

Luz Milbeth Cumba Garcia, Former Advisor for Sustainability, U.S. Department of State, Bureau of Global Health Security and Diplomacy; GYA Member

Rakesh Kumar Pilonia, Assistant Professor, Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh; INYAS Member

Sanjay Behari, Director, Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), India

### *Moderator*

Natisha Dukhi, Senior Research Specialist at the Human Sciences Research Council, South Africa; GYA Member

13:45 - 15:00

## EC Pitches

Internal Session

15:15 - 18:00

## Local Excursion to Golconda Fort

19:30 - 21:30

## Reception Dinner at Chowmahalla Palace

# Thursday, 12 June 2025 - AGM Day

06:00 - 07:00

## Morning Yoga

Optional guided yoga

09:00 - 10:30

## General Assembly Meeting

AGM Session

11:00 – 15:30

## GYA Activities:

Meeting of Themes 1& 2: "Engaging in foresight & innovation" and "Strengthening the Science and Research Ecosystem"

Meeting of Themes 3&4: "Bridging Science and Society: Trust, Diplomacy, and Expert Guidance" and "Empowering EMCRs"

16:00 - 17:30

## General Assembly Meeting

AGM Session



17:30 - 18:30

## EC Elections Announcements

Internal Session

19:00 - 22:00

## Cultural Evening and Banquet Dinner

Cultural Performance by Sravyas Manasa's Dance Ensemble

# Friday, 13 June 2025 - AGM Day

06:30 - 07:00

## Zumba dance

Optional guided Zumba session.

09:00 -10:00

## Committees Meetings

AGM Session

10:30 -12:30

## General Assembly Meeting

AGM Session

# End of AGM

14:00-15:30

## EC-EC Transition Meeting

Internal Session

# Saturday, 14 June 2025 – Optional additional programme

all-day meeting, 9:00-16:00

## Meeting of (National) Young Academies from the Asia-Pacific region

This meeting, organized and hosted by INYAS, will take place in hybrid mode on Saturday, 14 June 2025. Young Academies from the region have been invited to attend. The meeting builds on the first gathering of Asian YAs in September 2024 (<https://globalyoungacademy.net/meeting-of-young-academies-from-asia/>), and the meeting's objective is to consolidate collaborations among Asia-Pacific YAs and to advance discussions on regional initiatives. The International Science Council (ISC) is supporting this initiative by offering some travel bursaries to YA members to attend the meeting.

The following Young Academies will attend: India (host), Australia, China, Hong Kong, Indonesia, Japan, Malaysia, Nepal, New Zealand, Sri Lanka, Thailand, Vietnam, as well as the GYA.

Welcome and Opening Remarks (9:00-9:30)

- Updates from National Young Academies (NYAs) (5 min each) (9:30-11:00)
- Break: (11:00-11:30)
- Thematic Panel Discussions (11:30-13:30)
- Lunch break (13:30 -14:30)

Action Plan and Next Steps (14:30-15:30)