



**4th INSTA Steering Committee
Meeting Report**

**Hosted by
SNRSI/NUS, Singapore
27 – 31 March 2023**

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1. Opening of Meeting

Chair opened the meeting by welcoming all INSTA Steering Committee Members. It was noted that this is the first face to face meeting since the establishment of INSTA and its Steering Committee. Expectation was shared that this meeting finalizes the review and update of the International Nuclear Science and Technology Academy (INSTA)'s workplan, finalize the proposed INSTA Executive Education Programme and evaluate and select pilot INSTA Schools to be launched in 2023.

Chair also welcomed the participation of IAEA officers and representative from Harbin Engineering University and Japanese Volunteer Expert Team (JVET) to the meeting.

2. Adoption of Agenda

The meeting unanimously adopted the meeting agenda.

Annex I is the updated meeting agenda.

3. Review of INSTA Governance Framework

Meeting proposed below amendments to the INSTA Governance Framework:

- a. Addition of the invited individual membership of INSTA
- b. Modification of INSTA organization structure due to the above addition.
- c. Deletion of the term “Biannual Meeting”

The proposed amendment of INSTA Governance structure is reflected in Annex III

4. Review and Approval of INSTA Membership Application

Secretary reported that to date there's 35 members from 20 countries. There were two new applications received:

- a) from KACST (King Abdulaziz City for Science and Technology), an organization established in 1977 in Saudi Arabia. It applies applied scientific research to serve the development and provide counsel scientific at the national level. It also develops mechanisms to transform the outputs of scientific research and technical development into industrial products.

Upon review of the application and with the endorsement of Ms Mishar, the meeting approved the membership of KACST.

- b) from Sultan Qaboos University, a public university in Muscat with five colleges; namely Medicine, Engineering, Agriculture, Education, Science, Arts, Commerce and Economics, Law and Nursing.

Upon review of the application and with the endorsement of Ms Gerardo-Abaya and Ms Al Azri, the meeting approved the membership of Sultan Qaboos University.

Meeting was informed of Argonne National Laboratory (ANL)'s interest to be INSTA member. However, considering that ANL is out of Asia and the Pacific region, the meeting agreed for ANL to join INSTA as a Collaborative Partner.

Secretary presented the proposal to the update of the application form to include the endorsement of the Head of Department/Division which was accepted by the meeting.

Secretary also presented the template letters for (i) Acceptance as INSTA member and (ii) Appointment of INSTA Steering Committee Member.

5. Working Group Status Update

This session includes discussions, presentations and working groups discussions and presentations.

- a. Chair walked through the previous action plan on the progress and its status.
- b. Ms Mishar presented the progress, achievements and plans of other education component (secondary education and ANENT – Education Network) to the meeting. It includes the proposed collaboration between INSTA and the other two education component to strengthen education on NST in the region in a comprehensive manner.
- c. Mr Watanabe presented the analysis of INSTA members inputs. In the application to be INSTA members, potential members are required to answer questions like what their motivation are to be INSTA members and proposal of initiatives for INSTA activities. The presentation walked through the motivations and proposed initiatives as inputs to the working group discussions.
- d. Working group discussions took place dynamically including combined discussions in particular to identify members priority needs, finalizing the proposed INSTA Executive Education programme for both virtual and face to face module.
- e. Each Working Group Head presented the result of discussion and proposed action plan to the meeting with active discussions to finalize the action plan.

Updated Action Plan is in Annex II.

6. Meeting Conclusions

- a. The proposed revised INSTA Governance Framework to be tabled in the next INSTA Annual Meeting for adoption.
- b. Two applications to become INSTA Member from KACST and Sultan Qaboos University were reviewed and approved. To date, INSTA has 37 full-fledged members. Meeting agreed for Argonne National Laboratory (ANL) to be informed that INSTA welcomed ANL as collaborating partner. ANL is expected to submit application for this purpose.
- c. Meeting had discussed and agreed with the updated Action Plan reflected in Annex II. Among the key items are:
 - a. Members needs and capacities survey to be completed by May 2023.
 - b. INSTA webpage is expected to be launched in June 2023.
 - c. Launching of the first INSTA Executive Education Programme is anticipated to be done during IAEA General Conference in the Side Event hosted by ANENT.
- d. Meeting agreed for INSTA to be one of the supporting entities for the pilot International Nuclear Science Olympiad (INSO), anticipated to take place in Philippines in August 2024 with the funding under RAS0091. Among the contributions to be considered are (i) Designing proposal of nuclear science olympiad problems and experiments, (ii) Scholarships and/or Acceptance for INSO medal winners, (iii) funding the organization of INSO, (iv) INSTA logo in the announcement of INSO
- e. Meeting agreed towards a closer collaboration with ANENT and the Nuclear Science Olympiad via a Practical Arrangement or a Memorandum of Understanding. It is expected for the signing ceremony of this document to take place during the side event at IAEA GC in September 2023.
- f. Meeting agreed with the proposal to request IAEA for (i) inclusion about INSTA in IAEA Website and (ii) participation in the NST Education Network Meetings hosted by the IAEA. Ms Mishar will be consulting this internally with the responsible IAEA Staff Member.
- g. A pilot INSTA School to be hosted jointly by Tsinghua University and Harbin Engineering University is proposed to take place in Oct 2023. Host of this pilot INSTA School will confirm the dates to IAEA for call of nomination by June 2023. It will be opened only for INSTA Steering Committee and had completed successfully the INSTA Executive Education Programme Module 1.
- h. IAEA (DIR TCAP and Ms Mishar) proposed on exceptional basis, due to the restriction posed by the pandemic, the extension of the tenure of the Steering Committee Members to 2024. This is for the continuity of the pilot initiatives and to have the opportunity for the first face to face meeting of all members in 2024 (due to logistical issues and budgeting) under the funding of RAS0091. Meeting agreed for this proposal to be tabled at the next INSTA Annual Meeting for adoption.

Annex I: Full Agenda

Date Time	Monday 27 Mar	Tuesday 28 Mar	Wednesday 29 Mar		Thursday 30 Mar	Friday 31 Mar
	Meeting Room in NUS	Meeting Room in NUS	Meeting Rooms		Meeting Room(s) in NUS	Meeting Room in NUS
09:00 – 09:30	Registration	<u>Continue INSTA Steering Committee Meeting</u> 4. RAS0091 updates where other education component in the project linked to INSTA (Ms Mishar) 5. Presentation on analysis of INSTA Member needs and interest (from the application form) – by Mr Watanabe	Session 2: Working Group discussion (Chair, Secretary, Vice Secretary, and IAEA to divide between the two groups) <u>Working Group 1</u> <ul style="list-style-type: none">Priority Needs of INSTA MembersPotential resources available among INSTA Members for collaborationReview on possible collaboration <u>Working Group 2&3</u> <ul style="list-style-type: none">Review the overall schedule of INSTA Executive Programme for EducatorsDiscussion on screening and selection process		Session 3: INSTA Steering Committee Meeting Chair: Prof. Tong <ul style="list-style-type: none">Presentations by WG1 – discussion and agreementPresentation by WG2 – discussion and agreementPresentation by WG3 – discussion and agreement AOP	Closing Session <ul style="list-style-type: none">Meeting Report by Secretary : Review and agreement on the report and the 2023-2025 WP
			Coffee Break			
11:00 – 12:30	Session 1: INSTA Steering Committee Meeting Chair: Prof. Tong 1. Review of Meeting Agenda and Adoption of the Agenda 2. Review of INSTA Workplan and update progress	6. INSTA Membership (Sec/Vice Sec) <ul style="list-style-type: none">New member applicationsConfirmation of official approval procedure to new membersDiscussion on individual membership issue in TOROutreach Plan 7. Discussion on priority activities and focused discussion in this week.	Continue discussion <u>WG 2 to join WG 1 Discussion</u> <ul style="list-style-type: none">Explore avenues for collaboration eg mobility, visits to laboratories and training facilitiesPotential development of model curriculum for tertiary level education	<u>Working Group 3 Continue discussion</u> <ul style="list-style-type: none">Review on all proposed INSTA schools for prioritization based on needsExploring the possibility to arrange collaborative INSTA schools		
12:30 – 14:00	Lunch Break					

14:00 – 17:00	<p>3. Reports of Working Group on the progress of the workplan</p> <ul style="list-style-type: none"> • Updates from WG1: Technical Cooperation (Dr. Arcilla) • Updates from WG2: Program and Platform Development (Dr. Pengvanich) • Updates from WG3: Special Project (Prof. Iimoto) 	<ul style="list-style-type: none"> • Technical visit to National Cancer Centre Singapore 	<p><u>Working Group 2</u></p> <ul style="list-style-type: none"> • Review Step 1 INSTA Executive Programme – progress and timeline to launch • Discussion on other tasks in WG 2 	<ul style="list-style-type: none"> • Continue finalizing the priority INSTA Schools • Finalize the pilot INSTA Schools 		
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Annex II. INSTA Action Plan

Activities	Date/Location	Responsibility	Remarks
General			
<ul style="list-style-type: none"> ➤ Development of INSTA website ➤ Currently using MS Teams/Sharepoint as channel of communication for INSTA Members 	1 June 2023	Prof Tong	<ul style="list-style-type: none"> • weblink will be www.insta.pro and in English • consider to incorporate images representing the region • content to be revised by INSTA SC before open
WG 1: Technical Coordination Facilitate linkages among academic institutions and stakeholders			
<ul style="list-style-type: none"> ➤ Survey about the potential resources (and gap) for NST Education Cooperation (education programs, facilities, innovations) <ul style="list-style-type: none"> ○ Looking into training resources based on common languages between provider ○ Coordinate with WG2 	28 April - 15 May 2023	WG1 Head	Review of membership form – what members willing to share
<ul style="list-style-type: none"> ➤ Explore avenues for collaboration eg mobility, visits to laboratories and training facilities 	31 December 2023	WG1 Head	Based on survey response & MS form
<ul style="list-style-type: none"> ➤ Use of existing resources i.e. ANENT <ul style="list-style-type: none"> ○ For LMS, LOR to teach/share material 			ANENT agrees to share its LMS for INSTA activities.

WG 2: Programme and Platform Development			
<ul style="list-style-type: none"> ➤ Development of INSTA platform <ul style="list-style-type: none"> ○ Host readiness/offer ○ Topic ○ schedule 		WG2 Head	<ul style="list-style-type: none"> • concept of the website including the database • Module 1 will use OUM platform • MS Team for recording lectures and conduct synchronous discussions and presentations • ANENT LMS for asynchronous activities
<ul style="list-style-type: none"> ➤ <u>Piloting</u> the Virtual INSTA NST Education Programme <ul style="list-style-type: none"> ○ Programme for non-specialist education – link with WG3 ○ Draft of framework with learning objectives 	<p>Phase 1: - Module 1 starts on November 1, 2023 - Module 2 and 3 start on January 1, 2024 - All modules will be available until December 31, 2024</p> <p>Virtual Meetings Q2 (April)</p>	WG2 Head	<ul style="list-style-type: none"> ➤ Concept discussed during INSTA Adhoc Committee
<ul style="list-style-type: none"> ➤ Regional Meeting on development of model curriculum for tertiary level education including vocational learning <ul style="list-style-type: none"> ○ building the framework of INSTA lectures/modules ○ developing education programme – needs based ○ modularized curriculum 	Pending – long term	WG2 Head/WG1 Head	<ul style="list-style-type: none"> ➤ pending survey result by WG1 ➤ May revise to different strategy

➤ Peer Review of NST Programme for tertiary level education – EM <ul style="list-style-type: none"> includes curriculum/ teaching methods/ tools/facilities / education material 	Needs basis (2024-2025) -Can be informally – peer review among INSTA members		Application to INSTA SC – proper process and link to suitable expert
➤ Facilitate programme customization – Assist members to develop education program for tertiary education <ul style="list-style-type: none"> Link to WG1: database of existing expertise, facilities in the region, willing to support 	Needs basis (2022-2023) -Can be informally – peer review among INSTA members		Application to INSTA SC – proper process and link to suitable expert
➤ Bench Marking for developing education programme to use (PDCA etc) <ul style="list-style-type: none"> Guideline for developing education programme (long term) – competency to develop own program 	By 2025 or next cycle project (TecDoc?) -In interim, share available materials		
Activities	Date/Location	Target Participants	Remarks
WG 3: Special Project			
➤ Regional Meeting of potential educational hubs to discuss <i>training programme</i> and <i>specialization of the different hubs</i>	Completed		
	Completed	Completed	

<ul style="list-style-type: none"> ○ Concept design of special projects Phase 2 			
<ul style="list-style-type: none"> ➤ Step 1 – Webinars on NST in 2022 with online feedback from audience 	Q3 2022 to start	Academic institutions in A&P -Can be part of outreach to new members	← scope of WG2
<ul style="list-style-type: none"> ➤ Development of INSTA NST Education System <ul style="list-style-type: none"> ○ Building the framework of INSTA Lectures/Modules ○ Effective, variety, sustainability ○ 2 step system (Virtual & Face to Face) ○ Evaluation system of the learners 	Link to above		← scope of WG2 Step 1 – Webinars on NST in 2022 with online feedback from audience ← scope of WG2
<ul style="list-style-type: none"> ➤ 2023 – 2025 Summer/Winter Schools for educators to be trained on teaching NST focus on (priority thematic area based on needs of participant organization) 	Q3 2024, started Q2 2023, To be discussed with WG3 members in detailed for (4), (5)...		<ul style="list-style-type: none"> - (0) China - October 2023 for SC members - (1) Iran- September 2024 - (2) China- October 2024 - (3) Japan, March 2025 - (4) to be discussed - (5) to be discussed

Annex III. Revised INSTA Governance Framework



International Nuclear Science and Technology Academy (INSTA)

Regional Educational Initiative Supported by the IAEA
Insta.contact-point@iaea.org

INSTA GOVERNANCE FRAMEWORK (TERMS OF REFERENCE)

A. BACKGROUND

The sustainability of nuclear applications and its contributions to the prosperity and improved quality of life of people is achieved through a competent and motivated workforce. In the Asia-Pacific region, the potential of nuclear science and technology (NST) to contribute to economic growth remains underutilized due to limited number of equipped educators and workers in the field in some Member States (MS).

Cognizant of the foregoing challenge, the International Atomic Energy Agency (IAEA) gathered experts from seven (7) MSs in the region in November 2019 to discuss solutions, which will develop and enhance nuclear education focused not only to educators already in the NST field but from all other scientific, technical and social disciplines. It is envisaged that this strategy will accelerate the dissemination and awareness and subsequently the utilization of nuclear S&T applications in the region to meet the global agenda of UN SDGs and national socio-economic priorities. The meeting concluded that a forum of cooperation and collaboration among universities, training centers, research organizations, regulatory bodies, and other relevant nuclear agencies is needed to address identified gaps. It is within this context that the International Nuclear Science and Technology Academy (INSTA), a regional educational initiative supported by the IAEA, is established.

I. VISION

We envision strong, growing, and empowered NST educators that advances the safe, secure, peaceful and beneficial use of nuclear science and technology globally.

II. MISSION

INSTA contributes to the global nuclear manpower development through regional and inter-regional collaborations for empowering educators and advancing nuclear science and technology education programs in the tertiary level.

B. OBJECTIVES

The primary goal of INSTA is to strengthen and sustain tertiary nuclear S&T education that will enhance the utilization of nuclear applications in IAEA Member States in the Asia-Pacific region to meet the UN SDGs.

This will be achieved by creating a collaborative nuclear S&T education infrastructure that will:

1. Facilitate linkages among academic institutions and stakeholders for sharing and optimizing resources to advance NST education.
2. Fostering educational programmes and platforms to address current and emerging needs for NST education; and
3. Envision and organize activities to engage and motivate NST educators and stakeholders

C. STRATEGY

INSTA will implement the following strategies to address the identified objectives of the academy:

Objective 1: Facilitate linkages among academic institutions and stakeholders for sharing and optimizing resources to advance NST education

- Identify academic institutions and nuclear stakeholders from Member States who are willing to participate in the INSTA initiative
- Identify existing infrastructures and other resources relevant for nuclear education that are available from MSs in the region
- Initiate various forms of collaborative arrangements between various nuclear education stakeholders including shared utilization of resources
- Ensure sustained collaboration between stakeholders

Objective 2: Fostering educational programmes and platforms to address current and emerging needs for NST education

- Assist Member States to identify knowledge and skill gaps in their nuclear education programmes
- Assist MSs in developing relevant educational programmes and platforms based on identified gaps in support of nuclear education in MSs
- Support MS in the implementation of established education programs

Objective 3: Envision and organize activities to engage and motivate NST educators and stakeholders

- Identify best practices of the Region in conducting NST events that can be shared among MSs

- Assist member states to plan and implement events (e.g. nuclear Olympiad, summer school, conferences, symposiums, etc.) that are relevant in the local context
- Develop and implement regional TC projects focusing on NST education within the Asia and Pacific region through collaboration with training and education centers.

D. MEMBERSHIP AND ORGANISATION

I. Membership

Membership of INSTA is open to any educational/research/training institute and national competent authority that is currently involved, or plans to be involved, in nuclear science and technology education and training in the Asia and the Pacific region. Requests for membership shall be made in writing to the INSTA Steering Committee. All request for membership will be processed internally and follow defined procedures of admittance.

Membership may also be granted to members in an 'individual' capacity from any of the above educational/research/training institute and national competent authority by the invitation of the INSTA Steering Committee. These will be known as 'Invited Individual Members' and will participate in the same capacity as organisational members.

All INSTA decisions are taken by consensus.

II. Point of Contacts (POCs)

Each member institution will designate one MAIN and one ALTERNATE Point of Contact (POC) for INSTA. The POCs will act as the main interface with the INSTA Steering Committee and will be responsible for managing the member's profile on NST education and training programmes on the INSTA portal. The POCs are expected to have good knowledge of the member's nuclear science and technology education and training activities and help disseminate information about INSTA to other potential institutes.

III. Working Groups

INSTA will seek to achieve its objectives by means of working groups (WGs) and where necessary, ad-hoc groups, working in collaboration. The current three WGs focus on:

- WG1 - Technical Coordination: The group shall be responsible for coordinating between academic institutions and nuclear stakeholders and optimizing the use of existing resources in the region to advance

research and development in support of nuclear education in Member States.

- WG2 - Program and Platform Development: The group shall be responsible for developing educational programmes and platforms to address current and growing needs for qualified educators in Member States (curriculum development, educational material, education platforms, etc.)
- WG3 – Special Projects: The group shall be responsible in planning and organizing special events and proposing TC projects with the goal of increasing involvement of educators in NST education programmes.

Working groups will be open to all members of INSTA and participation in the WGs will be determined by members themselves. Every member is expected to participate in at least one of the working groups. Each working group will be led by a Head and a Vice Head. **The WG3 TCP Vice Head will be the Designated Team Member (DTM) of the TC project implemented under INSTA.**

E. LEADERSHIP AND STRUCTURE

I. INSTA Steering Committee

The INSTA Steering Committee will be the management body of INSTA and will comprise the Chair, Secretary and Assistant Secretary of INSTA, as well as the Heads and Vice Heads of each working groups. The Steering Committee will ensure coordination among working groups and their members through regular meetings, correspondence, and periodic teleconference calls.

The Steering Committee is responsible for selecting the in-coming Assistant Secretary of the network and the Vice Heads of the working groups. Nominations for the Assistant Secretary and WG Vice Heads should be made to the INSTA Chair at least 30 days in advance of the Leadership Meeting. The term of new Chair, Secretary, Assistant Secretary, WG Heads and Vice Heads begins on the first day of the **Annual** Meeting.

II. INSTA Chair

The Chair will coordinate INSTA activities with the IAEA TCAP to set and implement the INSTA direction, support working group activities, lead the Steering Committee in setting the overall strategy of INSTA, track the overall status of implementation of activities and serve as Chair of the Annual Meeting and other meetings. The Chair will issue a report at the end of each Annual Meeting and other meetings. The Chair will also play the role of the spokesperson for INSTA. The Chair will be supported by the Secretary, who may also represent the Chair in the event that the Chair is unavailable.

The term of the Chair will be limited to TWO years. At the end of this period, the INSTA Secretary will take over as Chair. At any given time, the Chair, Secretary and Assistant Secretary shall not be from the same country.

III. INSTA Secretary and Assistant Secretary

The Secretary will act as the communication officer to disseminate information to all INSTA members. The secretary will also organise meetings and produce the subsequent meeting minutes. The Assistant Secretary will assist the Secretary in carrying out his/her responsibilities.

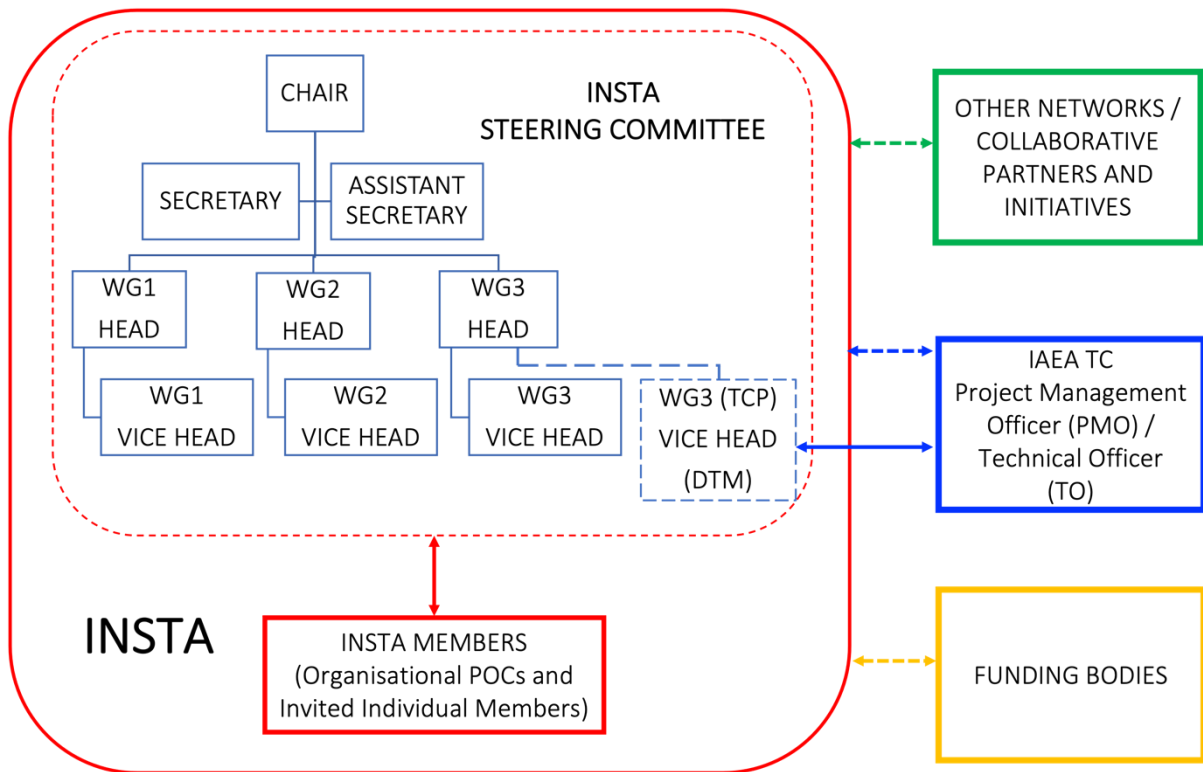
The term of the Secretary will be limited to TWO years. At the end of this period, the INSTA Assistant Secretary will take over as Secretary, and a new Assistant Secretary will be appointed based on the member nominations during the prior Leadership Meeting. At any given time, the Chair, Secretary and Assistant Secretary shall not be from the same country.

IV. Working Group Heads and Vice Heads

Working Group Heads will lead and coordinate the activities of the respective group, communicate tasks to be completed and report on progress in implementing working group activities at the Annual Meeting and/or Leadership Meeting. Working Group Vice Heads will support the Heads in their roles and may also represent the WG Head if the Head is unavailable. Working Group Heads and Vice Heads are also expected to support the INSTA Chair, Secretary and Assistant Secretary in setting the overall strategy.

The term of the WG Heads and Vice Heads will be limited to TWO years, **except in the case of the WG3 (TCP) Vice Head (DTM), which will remain as the Vice Head of WG3 (TCP) till project completion.** In the INSTA **Annual** Meeting, the WG Vice Heads will take over as WG Heads, with new Vice Heads appointed based on the member nominations during the prior Leadership Meeting.

V. Organisational Structure



F. MEETINGS

I. INSTA Annual and Biannual Meetings

INSTA will hold normally one Annual Meeting organized by the Steering Committee which will be open for participation to all INSTA members. These meetings will serve as the decision-making mechanism of INSTA. Decision making will be done by consensus. During these meetings, INSTA will hold plenary sessions on key topics of interest to INSTA, and convene working group sessions to discuss priorities and planned activities for the upcoming year.

During the **Annual** Meetings, appointment of the new Chair, Secretary, Assistant Secretary and Heads and Vice Heads for each working groups will be done **at the end of their 2 year term**.

Working groups will hold at least one working session per year during the Annual Meeting of the INSTA.

II. Leadership Meeting

The Steering Committee will convene one meeting limited to the members of the Steering Committee prior to the INSTA Annual Meeting. The objectives of this meeting will be to develop and update INSTA's strategy and to review the implementation of, and propose necessary updates to, working group action plans. This meeting will also provide the platform to discuss the selection of the new Assistant Secretary and WG Vice Heads, from the nominations made by INSTA members, prior to **Annual** Meetings of INSTA. In addition, these meetings will provide an opportunity to discuss cooperation with other networks / collaborative partners and initiatives, and to plan the next INSTA Annual Meeting. Working group action plans may be updated as necessary in the intersessional period and, as is customary, will be adopted by consensus or simple majority vote.

G. COLLABORATIVE PARTNERS AND INITIATIVES

Relevant organizations from outside the region or international organizations can request to collaborate with INSTA as collaborative partners (CP). The collaborating partners may participate and/or support INSTA activities and attend the Annual Meetings by a formal expression to the Steering Committee.

An institute who are not yet an official member of the INSTA but would like to attend the Annual Meeting may make a request to the Steering Committee to participate as an observer.

Collaborating partners and observers cannot hold leadership positions in INSTA or participate in the decision-making process.

H. ROLE OF THE IAEA TC Secretariat

The IAEA TC Secretariat will play a facilitating role in INSTA. It will work with the Steering Committee to coordinate the activities of the working groups relevant to on-going TC project at the time, provide technical support, and advise on and provide inputs to long-term INSTA objectives and priorities.

Annex IV. Attendance of 4th INSTA Steering Committee

INSTA Steering Committee		
Name	Affiliation	Attendance
Prof. Jiejuan TONG (Chair)	Institute of Nuclear and New Energy Technology (INET); Tsinghua University, China	Present
Dr. Carlo ARCILLA (WG1 Head)	Philippine Nuclear Research Institute (PNRI), Philippines	Present
Prof. Song FENG (WG1 Vice Head)	School of Nuclear Science and Technology, University of South China	Present
Dr. Phongphaeth PENGVANICH (WG2 Head)	Faculty of Engineering, Chulalongkorn University, Thailand	Present
Prof. Keng Yeow CHUNG (WG2 Vice Head)	National University of Singapore (NUS), Singapore	Present
Prof. Takeshi IIMOTO (WG3 Head)	(1) Division for Environment, Health and Safety (2) Graduate School of Frontier Sciences The University of Tokyo, Japan	Present
Dr. Yaser KASESAZ (WG3 Vice Head 1)	Nuclear Science and Technology Research Institute (NSTRI), Iran	Present
Ms Ana Elena CONJARES Vice Head 2: DTM for RAS2020008	Philippine Nuclear Research Institute (PNRI), Philippines	Absent
Prof. Irman ABDUL RAHMAN (Secretary)	Universiti Kebangsaan Malaysia (UKM), Malaysia	Present
Dr. Maya AL-AZRI (Assistant Secretary)	Ministry of Education, Oman	Present
Additional Attendance		
Ms. Jane Gerardo-Abaya	Director, TC Division for Asia & the Pacific	Present
Ms. Marina Mishar	Section Head 2, TC Division for Asia & the Pacific and PMO for RAS0091 (education)	Present
Mr. Koichi Watanabe	Consultant, TC Division for Asia & the Pacific	Present
Prof Gao Puzhen	Harbin Engineering University	Present
Ms Rieko Takaki	Japanese Volunteer Expert Team (JVET)	Present

Annex IV. Updated INSTA Members

NO.	INSTITUTION	COUNTRY	APPLICATION DATE	STATUS	Verification
1	Institute of Nuclear and New Energy Technology, Tsinghua University	CHINA	19/10/2021	Founding	Verified
2	Department of Nuclear Engineering, Faculty of Engineering, Chulalongkorn University	THAILAND	20/10/2021	Founding	verified
3	Nuclear Science and Technology Research Institute	IRAN	21/10/2021	Founding	Verified
4	University of South China	CHINA	22/10/2021	Founding	Verified
5	Ministry of Education	JORDAN	28/10/2021	Founding	Verified
6	Singapore Nuclear Research and Safety Initiative, National University of Singapore	SINGAPORE	28/10/2021	Founding	Verified
7	Innovation and Scientific Olympics Department, Ministry of Education	OMAN	29/10/2021	Founding	Verified
8	Philippine Nuclear Research Institute	PHILIPPINES	31/10/2021	Founding	Verified
9	School of Energy Science and Engineering, Harbin Institute of Technology	CHINA	02/11/2021	new member	Verified
10	Harbin Engineering University	CHINA	03/11/2021	Founding	Verified
11	Atomic Energy Commission of Syria	SYRIA	10/11/2021	Founding	Verified
12	Mapua University	PHILIPPINES	22/12/2021	Founding	Verified
13	National University of Malaysia	MALAYSIA	23/12/2021	Founding	Verified
14	University of Nizwa	OMAN	24/01/2022	Founding	Verified
15	National Atomic Energy Commission (NATEC)	YEMEN	15/02/2022	New member	Verified
16	University of Kufa	IRAQ	16/02/2022	New member	Verified
17	Universitas Gadjah Mada	INDONESIA	16/02/2022	New member	Verified
18	School of Nuclear Science and Technology, Xi'an Jiaotong University	CHINA	17/02/2022	New member	Verified
19	University of Delhi, Delhi	INDIA	17/02/2022	New member	Verified
20	University of Dhaka	BANGLADESH	18/02/2022	New member	Verified
21	School of Nuclear Science and Engineering (East China University of Technology, ECUT)	CHINA	18/02/2022	New member	Verified
22	Institute for Advanced Study in Nuclear Energy & Safety	CHINA	20/02/2022	New member	Verified
23	Sri Lanka Atomic Energy Regulatory Council	SRI LANKA	23/01/2022	New member	Verified
24	Sri Lanka Atomic Energy Board	SRI LANKA	20/01/2022	Founding	Verified
25	Faculty of Medicine and Health Sciences, Universiti Putra Malaysia	Malaysia	16/05/2022	New member	Verified
26	JVET (Team JAPAN)	JAPAN	18/05/2022	New member	Verified

27	Bangladesh Agricultural University	Bangladesh	21/08/2022	New member	Verified
28	Bangladesh Institute of Nuclear Agriculture (BINA)	Bangladesh	04/09/2022	New member	Verified
29	Open University Malaysia	Malaysia	08/09/2022	New member	Verified
30	King Saud University	Kingdom of Saudi Arabia	28/10/2022	New member	Verified
31	The Office of Basic Education Commission, Ministry of Education. Thailand	Thailand	30/10/2022	New member	Verified
32	Department of Nuclear Science, University of Colombo, Sri Lanka	Sri Lanka	04/11/2022	New member	Verified
33	Royal University of Phnom Penh (RUPP)	Cambodia	08/11/2022	New member	Verified
34	National University of Mongolia	Mongolia	09/11/2022	New member	Verified
35	Universiti Brunei Darussalam	Brunei Darussalam	21/11/2022	New member	Verified
36	King Abdulaziz City for Science and Technology (KACST) Academy	Saudi Arabia	31/03/2023	New member	Verified
37	Department of Physics, Sultan Qaboos University (SQU)	Oman	31/03/2023	New member	Verified