



International Nuclear Science and Technology Academy (INSTA)

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Since 2016 IAEA has been promoting Teaching NST in Secondary Schools in the Asia and the Pacific Region. Successive efforts to enhance their understanding of NST has reached out to more than 1 million secondary school students in 20 member states.



The experience indicated that with active collaboration of nuclear and academic institutions, more success can be achieved in reaching out to young students.



As logical extension, expanding the scope of this initiative to higher level learning will ensure the continued development of adequately trained human resources for harnessing NST for sustainable development in MSs.



What/How INSTA?

A collaborative mechanism and platform for promoting Tertiary Level Education in NST by gathering the available resources and infrastructure within a region and develop an international NST Academy.

Harnessing the intellectual capital, supported through a network of a consortium of Academic and NST Institutions in the region, to be initiated with strong support and commitment of MSs.

Roadmap for the development of the International Nuclear Science and Technology Academy (INSTA)

2019

2020

Milestone # 1 - Organization of International Workshop on Nuclear Science and Technology Academy in Tsinghua

Expected outputs of Workshop:
PA/LOI/ Consortium of Universities/Institutes; Project Proposal;
Charter/ framework for academy; Network; Pilot Activities outlined
for 2020 - 2021 for each programmatic requirement



2021

2022



Milestone # 2 - Submission of the Project Proposal for the Academy



Steps:

- Submit the Concept note by 31 May 2020
- Submit the first draft project proposal by 31 August 2020
- September 2020 - May 2021 - Finalization Phase

Milestone # 3 - Pilot Activities for Programmatic Themes



Pilot Activities by Programmatic Themes:

- PT4 - China/Japan/ROK
- PT1 - Singapore/Jordan
- PT2 - Malaysia/Japan
- PT3 - Philippines/Jordan

Launch of INSTA Project

Fully funded by TC
Programme 2022-2023
Project



- Nuclear Science and Technology embedded in the participating Universities

Milestone 1 - International Workshop on Nuclear Science and Technology Academy

Tentative date of August 2020



Expected outputs during the Workshop

Development of draft
terms of reference for
Network

Development of draft
framework for
academy

Development of draft
arrangement for the
programme

Milestone 2 – Submission of the Proposal for TC Programme 2022 – 2023

Submission of the Concept note
by 31 May 2020

31 May 2020

Finalization Phase.

Sep. 2020 – May 2021

31 Aug. 2020

Submission of the first draft
project proposal by 31 August
2020

Milestone 3 - Pilot Activities for Programmatic Themes

Programmatic Themes:

1. NST as part of general education at the university level	2. NST specialized programmes	3. NST educators to be provided with trainings on content and delivery/communication	4. NST education for policymakers/decisionmakers - comprehensive content from all topics
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The Way Forward



The project Concept for 2022-2023 is being initiated by MSs



As a strategic initiative with high impact, significant multiplier effect and potential to promote sustainability, it requires a visible ownership and commitment



The Patronage of Both RCA and ARASIA agreements will be instrumental



We suggest the RCA NRM 42 to take note of this Initiative and provide the required Patronage.