

RCAGCM(49)/7

# RCARO Director's Report on Progress of the 2020 Work Plan

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# 1. Overall Progress Status of the 2020 Work Plan



- The 2020 RCARO Work Plan has initially reflected diverse projects and activities to support for increasing ownership, visibility and viability of the RCA programme.
  - Promotional activities and upgrading RCA website, IAEA/RCA and partnership projects, capacity building programs for GPs, supporting activities for RCA administration, etc.
- However, the COVID-19 pandemic caused a great impact on the implementation of RCARO projects and activities as planned in 2020.
- Under such circumstances, RCARO has tried to develop and apply alternative un-tact modalities as per the revised work plan approved by the 42<sup>nd</sup> RCA NRM.
  - Various video conferencing and virtual learning tools have been utilized in order to meet the planned purposes and goals of each project activity.
  - Capacity building activities have been adjusted from off-line to on-line training course by developing and applying optimized modalities for each e-learning course.
  - Promotional activities unimplemented so far through participation of regional/Int'l events as well as RCA experts' involvement were postponed to 2021.
  - Research project on air pollution and the project for developing the e-learning modules of nuclear medicine have been relatively progressing very well as planned.

# 1. Overall Progress Status of the Work Plan in 2020 (cont'd)



[Revised 2020 Work Plan approved by the 42nd RCA NRM]

Projects	Events/Activities	Original Plan	Revised Plan
Promotional Activities	IRPA15 Conference	May 2020	Postponed to 2021
	WCNDT Conference	June 2020	
IAEA/RCA Project (RAS9092)	Project Review Meeting	11-15 May 2020/ Thailand	29-30 Oct., 2020/ Virtual
	Regional Training Course	20-24 July 2020/ Vietnam	(to be decided)/ e-learning
RCA/UNOSSC Project	Group Fellowship Program	April to Sept., 2020/ Korea	Sept. to Oct. 2020/ e-learning
	Final Review Meeting	Sept. 2020	Email submission of reports
RCA/ASEANTOM Project	Kick-off Meeting	April 2020	Development of Guideline (Originally 2 <sup>nd</sup> year activity)
	Regional Training Course	July 2020/Thailand	Nov. 2020/e-learning
RCARO Managed Research Project	Review Meeting	Nov. 2020	Email submission of reports
Other Capacity Building Activities	RCA/KAERI Training Course	May 2020/Korea	Oct. 2020/e-learning
	RCA/iTRS Training Course	July 2020/Korea	Nov. 2020/e-learning
	KAIST Master's Degree	Admission for spring semester/Korea	e-learning
	RCARO Fellowship program	Two months each/Korea	Postponed to 2021

## 2. Increasing the Awareness of the RCA



### 2.1 Publication of the 7<sup>th</sup> batch of RCA success stories

- According to the approval by the 48<sup>th</sup> GCM, RCARO published the 7<sup>th</sup> batch of the RCA success stories and uploaded the electronic version on the RCA website.
  - RAS7029 on air pollution matter; RAS6083 and RAS6071 combined in the field of nuclear medicine imaging and radionuclide therapy.

### 2.2 Expanding RCA project DB in the RCA website

- As per the 48<sup>th</sup> GCM's recommendation, RCARO has continued to upgrade and update the RCA project related DB system in cooperation with LCCs, RCA FP and PAC Chair.
- Also, as per the advice by the 30<sup>th</sup> SAC, RCARO is considering the establishment of an integrated RCA portal on the RCA website that could be used as a platform for online meetings, expert networking, e-learning, RCA project information service, etc.

### 2.3 Promotional activities through participation of Int'l events and RCA experts involvement

- As per the 2020 plan, RCARO participated in 10<sup>th</sup> ICI held on 3-7 Feb. 2020 in Kuala Lumpur, MAL and set up an RCA booth to showcase RCA activities.
- However, other two promotional events, which the selected experts will participate in, were postponed to 2021 due to COVID-19 pandemic.

# 3. Implementation Status of RCA and Partnership Projects

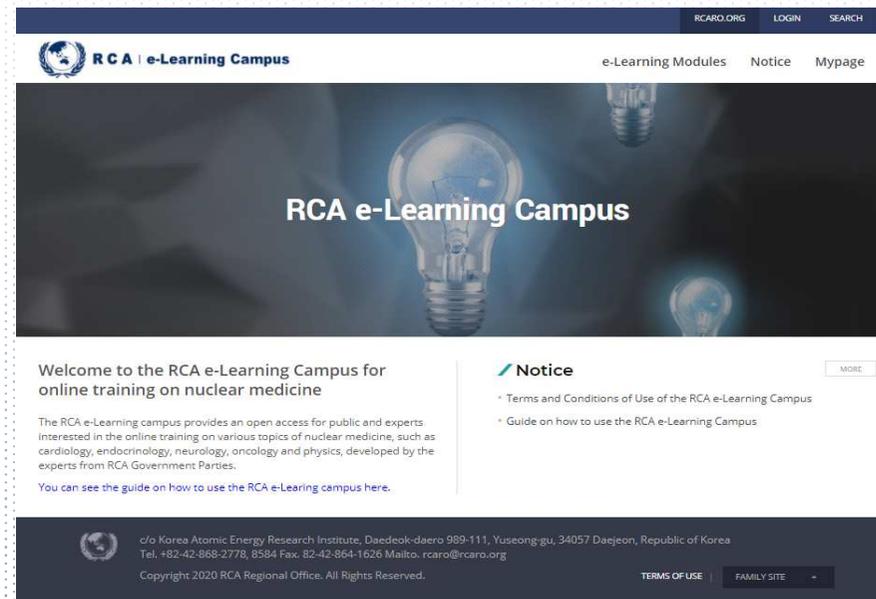


## 3.1 Expanding Support for the Benefit of the GPs

- RAS9092 (Strengthening capacity to response to radiological emergencies of Cat. II and III facilities)
  - Project Coordination Meeting will be held on 29-30 Oct., 2020, virtually.
- RCARO Managed Research Project (Air quality and environmental impact assessment)
  - Phase 1 (2018-2020): Research activities for 2020 are undergoing. Final evaluation for the phase 1 and focused interview survey will be carried out.
  - Phase 2 (2021-2023): Thirteen participating GPs submitted the proposals and Research Review Committee is currently under review.

- Development of e-learning Modules for Nuclear Medicine

- RCA e-Learning Campus, an online platform dedicated to e-learnings, was launched in June, 2020.
- Initially thirty (30) modules were developed and uploaded in the area of nuclear medicine.
- Development of additional twenty (20) modules is under progress.



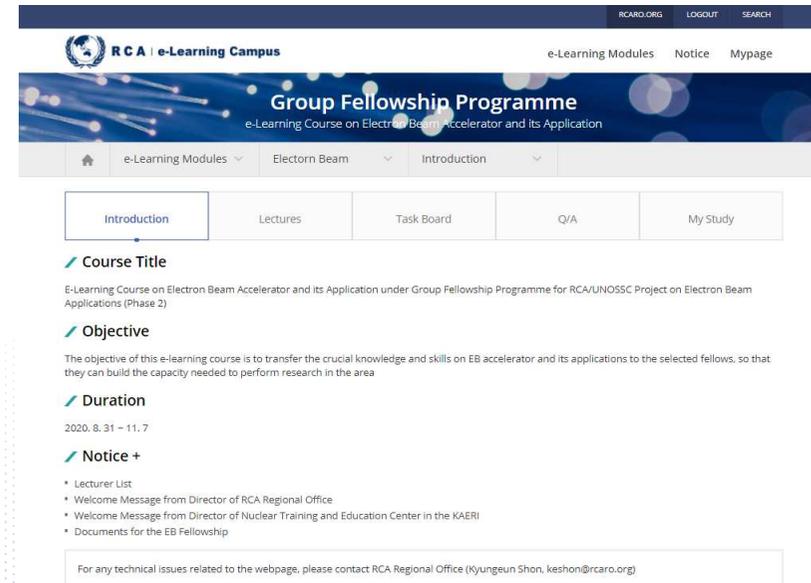
# 3. Implementation Status of RCA and partnership projects (cont'd)



## 3.2 Enhancing and Exploring Partnership Projects

- RCA/UNOSSC Project (Electron Beam Applications)

- Group Fellowship Programme has been taking place on the e-learning basis from 31 Aug. to 7 Nov., 2020.
- The course is exclusively open for the three invited fellows (INS, THA, VIE), providing thirty-two lectures, four real-time lectures, consultations, assignments, and tests.



Group Fellowship Programme (<http://rcaro.org/elearning/ebfellowship>)

- RCARO/ASEANTOM Project (EPR)

- Ten (10) ASEAN countries have joined the project.
- Regional Training Course is replaced by an e-learning course, development of eleven (11) modules are under progress, supported by relevant regional experts.

## 4. Expanding Support for the GPs and the RCA



### 4.1 Assisting the Government Parties in HRD

- RCARO/KAIST nuclear engineering master's degree programme
  - Since 2003, a total of forty (40) students from the GPs have been supported by RCARO. In 2020, four (4) students from BGD, CPR, MAL and SRL are taking this degree programme conducted using online education and communication tools due to the COVID-19 pandemic.
- RCA/KAERI introductory training course on radiation technology and its application
  - Online RCA/KAERI training course will be held on 12-23 Oct. 2020, using e-learning modules exclusively developed for this course in cooperation with KAERI.
- RCA/iTRS training course on radiation safety
  - Online RCA/iTRS training course will be held on 2-13 Nov. 2020, using e-learning modules exclusively developed for this course in cooperation with the Innovative Technology Center for Radiation Safety (iTRS) of Hanyang University.

## 4. Expanding Support for the GPs and the RCA



### 4.2 Facilitating the Better Implementation of the RCA Programme

- Supporting the IAEA for RCA Administrative Matters
  - RCARO supported the IAEA in its secretariat functions: preparation and coordination of the 42nd NRM and 49th GCM.
  - RCARO participated in the 7th Meeting of WG on MTS 2018-2023 Coordination (17-20 Feb., 2020) and virtual meetings on the mid-term review of the MTS 2018-2023.
  
- Supporting the RCA Chair
  - RCARO assisted the RCA Chair in coordinating RCA policy matters (GoR revision work, RCA PAC membership process, etc.)
  
- Participation in the Special Task Force (STF) for the 50th Anniversary of the RCA
  - As a member of STF, RCARO contributed to preparing a draft work plan for the 50th Anniversary of the RCA and reported it at the 42<sup>nd</sup> NRM.
  - RCARO participated in the virtual meeting held on 13 Aug., 2020 and presented a detailed execution plan on the special exhibition and other activities.

## 5. Major Policy Initiatives for the Future RCARO Development



- Establishment of the long-term masterplan for the RCARO future development
  - A study on RCARO future development has been underway to draw up long-term vision, development strategies, key initiatives and programs, and execution roadmap, etc.
- Development of an integrated RCA information service system
  - Improving the RCA Website to provide an integrated information service related to nuclear S&T in the RCA region and at the same time work as an RCA portal to be used as an online platform for meetings, expert networking, learnings, etc.
- Strengthening of RCARO Roles and Responsibilities (R&R)
  - Continuing to make strenuous efforts to strengthen RCARO R&R including consolidating its legal status, in close consultation with RCA GPs, IAEA and other relevant stakeholders
- Enhancing the efficiency in managing the RCARO projects
  - Developing the rules and procedures for efficiently planning and managing RCARO initiated projects and activities, including needs/demands survey and analysis, program planning, project development and design, implementation and monitoring, result evaluation (project/activity level) and impact assessment (program level), etc.
- Considering publication of the RCA periodical newsletters
  - Publishing and distributing quarterly newsletters incorporating RCA related news, lead articles, RCA project accomplishments and best practices, etc.

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**THANK YOU**

