



Republic of the Philippines
Department of Education

NATIONAL CAPITAL REGION
SCHOOLS DIVISION OFFICE OF MUNTINLUPA CITY

Office of the Schools Division
Superintendent

AUG 16 2023

MEMORANDUM

No. 192, s. 2023

CURIE'S CLASS: NUCLEAR SCIENCE FOR HIGH SCHOOL TEACHERS

To: OIC – Assistant Schools Division Superintendent/
Chief Education Supervisor, School Governance and Operations Division
Chief Education Supervisor, Curriculum Implementation Division
Public Elementary and Secondary School Heads / OICs
All Others Concerned

1. Attached is Regional Letter No. 203, s.2023 from Dr. Carlo A. Arcilla, Director, Department of Science and Technology –Philippine Nuclear Research Institute(DOST- PNRI), dated August 6, 2023, contents of which are self-explanatory, for the information and appropriate action.
2. Immediate and wide dissemination of this Memorandum is desired.

NERISSA ROXAS LOMEDA, CESE
Chief Education Supervisor
Officer-In-Charge
Office of Schools Division Superintendent

Encl: As stated
Reference: Advisory No. 203, s. 2023
To be indicated in the Perpetual Index
under the following subjects:

TEACHERS LEARNERS PROGRAMS LEARNING DELIVERY

ABSO/DM – CURIE'S CLASS: NUCLEAR SCIENCE FOR HIGH SCHOOL TEACHERS
192 / August 11, 2023

NUM-2023-192



Student Center for Life Skills Bldg., Centennial Ave, Brgy Tunasan,
Muntinlupa City
(02) 805-9935, (02) 805 - 9940
sdomuntinlupa@gmail.com



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Republic of the Philippines
Department of Education
NATIONAL CAPITAL REGION

August 6, 2023



To: Schools Division Superintendents

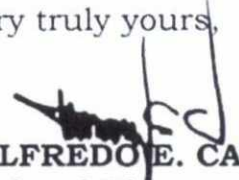
Dear Sirs/Mesdames:

Attached is a letter from Carlo A. Arcilla, Ph.D., Director, Department of Science and Technology-Philippine Nuclear Research Institute (DOST-PNRI) dated June 29, 2023, inviting the participation of senior high school science teachers and junior high school teachers who are handling special science classes to attend the Curie's Class on August 21-31, 2023, for information and appropriate action.

Interested applicants are encouraged to submit their application using the PNRI Online Course Application Portal which can be found at <https://services.pnri.dost.gov.ph/portal>.

For concerns and inquiries, you may contact the Nuclear Training Center at (02)8929-6011 to 19 local 236 or email at ntc@pnri.dost.gov.ph.

Very truly yours,


WILFREDO E. CABRAL, CESO III
Regional Director

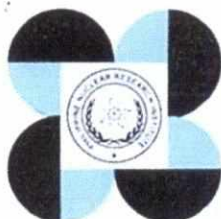
Regional Letter No. 203, s. 2023

Encl.: As stated

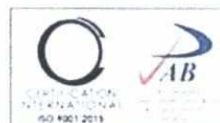


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Republic of the Philippines
Department of Science and Technology



PHILIPPINE NUCLEAR RESEARCH INSTITUTE

COURSE INFORMATION BULLETIN

Course Title:	CURIE'S CLASS: NUCLEAR SCIENCE FOR HIGH SCHOOL TEACHERS
Date and Duration	August 21 – 31, 2023
Course Description	Curie's class is a professional development training course/workshop for secondary school science teachers. It aims to equip teachers with the ability to bring nuclear science into their classrooms and confidently teach their students about the peaceful and beneficial uses of the atom's energy.
Participation:	This course is open to science and technology teachers, with preference to Grade 11 and 12 science teachers or those who are handling special science classes.
Application Procedure:	Candidates wishing to apply for this course should follow the steps below: 1. Prepare electronic copies of the following supporting documents: • Recommendation/Endorsement letter from the university, institution, or company where the applicant is employed • A recent 1x1 ID photo of the applicant 2. Access the DOST-PNRI Online Course Application Portal (https://services.pnri.dost.gov.ph/portal/ApplyUser). Fill out application form completely and submit. Any issues/problems related to the Application Portal can be addressed to mis@pnri.dost.gov.ph. 3. Closing date for applications is August 14, 2023 Should online application submission not be possible, candidates may download the nomination form for the training course from the PNRI website (http://bit.ly/NTC-CourseApplicationForm) and email the completed form and the supporting documents to ntc@pnri.dost.gov.ph. Successful applicants will be notified by email 3 – 5 working days after the closing date. Due to the volume of applications the center receives, no notification will be sent to applicants who will not be accepted to the training course. For more details on how to apply: https://bit.ly/PNRI-Course-Application.
Administrative Arrangements:	Participation to the course is free of charge. However, the participants should cover all expenses (e.g., web camera, headset, software, computer, Internet connection, studio rental, etc.) necessary to participate in the online course. In addition, the organizers do not provide the participants with any auxiliary devices (e.g., CD, USB flash drive, etc.). It is clearly understood that each organization, in recommending/endorsing the participants, undertakes the responsibility for such coverage including any special arrangements related to the participant's work schedule/load for the duration of the training course. It is recommended that participants prepare a place (e.g. office, house, etc.) for the online course, including a web camera, headset, software, computer, Internet connection, etc.



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Nature and Scope of the Course:	The workshop will run for 2 weeks, with 8 sessions (including the opening and closing programs). Each session is designed for a 4-hour engagement with the course materials. The sessions will be rendered as a combination of pre-recorded (asynchronous) and live (synchronous) lectures. The course will be facilitated through an online learning management system. For the pre-recorded sessions, a dedicated time for interaction of participants with the course lecturers/facilitators (Q&A Sessions) will be scheduled from 11 AM – 12 Noon for topics that are scheduled in the morning and 3 PM – 4 PM for topics that are scheduled in the afternoon. All Live sessions will include Q&A sessions right after the presentation. This will be facilitated through the LMS's conference feature such as Zoom, MS Teams, or Google Meet. All live sessions will be recorded and will be made available to participants for the duration of the training course. Alternative activities will be conducted in place of hands-on exercises or experiments.
Topics to be Covered:	1. Structure of the Atom 2. Radiation and Radioactivity 3. Nuclear Transformations 4. Radioactivity and the Environment 5. Interaction of Radiation with Matter 6. Fission, Fusion, and Nuclear Reactors 7. Risk and Safety of Radioactive Materials 8. Applications of nuclear science in agriculture, health and medicine, energy, and industry
Activities/ Exercises/ Experiments:	1. The Nuclide Chart 2. Estimating Annual Dose 3. Background Radiation Measurements 4. Half life 5. Cloud Chamber Experiment 6. Time, Distance and Shielding Experiments 7. Radiosensitivity Experiments 8. Tour of PNRI facilities (Virtual) 9. Technical visit to other nuclear facilities (Virtual)



Republic of the Philippines
Department of Science and Technology



PHILIPPINE NUCLEAR RESEARCH INSTITUTE

29 June 2023

Dr. WILFREDO E. CABRAL

Regional Director

Department of Education – National Capital Region

Misamis St., Bago Bantay, Quezon City

THRU: MS. MICAH G. PACHECO

Regional Science Supervisor and Focal Person for RAS 0091 (DepEd NCR)

**SUBJECT: "Curie's Class: Nuclear Science for High School Teachers" to be held on
August 21 to 31, 2023**

Dear Dr. Cabral:

Greetings!

We are pleased to share with you that the aforesaid virtual training course/workshop will be conducted by the Philippine Nuclear Research Institute from August 21 to August 31, 2023. The event is part of the PNRI's Nuclear Science and Technology Education Program, as well as the IAEA technical cooperation project RAS0091 "Supporting Nuclear Science and Technology Education at the Secondary and Tertiary Level."

Curie's class is a professional development workshop/course for secondary school science teachers. It seeks to provide instructors with the knowledge and confidence to integrate nuclear science into their classrooms and teach students about the peaceful and beneficial uses of the atom's energy. This course is available to all science and technology instructors, with a preference for Grade 11 and 12 science teachers, as well as junior high science teachers who offer special scientific programs. The workshop will run for two (2) weeks and comprise eight (8) sessions (including the opening and closing ceremonies). Each session is intended to be a 4-hour immersion in the course materials. The sessions will consist of both pre-recorded (asynchronous) and live (synchronous) lectures.

It would be greatly appreciated if your office could endorse the event to the DepEd-NCR instructors. The enclosed information bulletin provides a description, contents, and a list of requirements for your immediate reference.

Applicants are encouraged to submit applications using the PNRI Online Course Application Portal, which can be found at <https://services.pnri.dost.gov.ph/portal/>. The application deadline is August 7, 2023.

For further information, please contact the Nuclear Training Center at (02) 8929-6011 to 19 local 236 or by email at ntc@pnri.dost.gov.ph.

Thank you very much.

Very truly yours,

CARLO A. ARCILLA, Ph.D.
Director

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PO Box 213 UP Quezon City | PO Box 932 Manila | PO Box 1314 Central, Quezon City
Telephone (632) 929-60-10 to 19 | Fax (632) 920-16-46