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மின்வலு, வலுசக்தி மற்றும் தொழில்துறை அபிவிருத்தி அமைச்சு
Ministry of Power, Energy and Business Development



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இலங்கை அணுசக்தி சபை
SRI LANKA ATOMIC ENERGY BOARD



අංක 60/460, වේස්ලේන් පාර,
ඔරුගොඩවත්ත, වැල්ලම්පිටිය,
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இல. 60/460, பேஸ்லைன் வீதி,
ஔருகொடவத்தை, வெல்லம்பிட்டி,
இலங்கை.

60/460, Baseline Road,
Orugodawatta, Wellampitiya,
Sri Lanka.

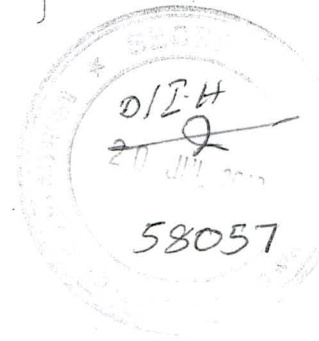
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15th July 2019.

Secretary,
Ministry of Health,
385, Ven. Baddegama Wimalawansa Thero Mawatha,
Colombo 10.



Dear Sir/ Madam,

Training Course on QA/QC of Nuclear Instruments / Counting Systems for Technical Personnel in 2019.

This is to kindly inform you that Sri Lanka Atomic Energy Board(SLAEB) has planned to conduct the above training course from 29th to 31st October 2019.

The purpose of the training course is to provide theoretical knowledge and practical experience on Quality Assurance(QA)/Quality Control(QC) of nuclear and related measurement instrumentation used in laboratories. The prospectus, course contents and a specimen of application form are attached herewith.

The course fee is highly subsidized and only limited number of persons can be enrolled. As such, it is kindly requested to make necessary arrangement with relevant institutes/departments/laboratories under your purview so that they can nominate their respective personnel. Then, they can apply the course sending duly filled application form to Sri Lanka Atomic Energy Board through official channels **on or before 31th August 2019** for enrollment. Further details can be obtained from SLAEB web site www.aeb.gov.lk.

Thanking you in advance for your cooperation.

Yours faithfully,

Please note that
all resources should be
arranged individually
[No government funds
are allocated
for.]

T.M.R. Tennakoon
Director General,
Sri Lanka Atomic Energy Board

Attachments: Prospectus, Course contents and a Specimen of application

CC: Deputy Director General (Planning) Ministry of Health
Director National Cancer Institute Maharagama - Attn: Head, Department of Radiotherapy
Director, National Hospital-Attn: Head, Nuclear Imaging unit,
Head, Pathology Lab.
Director, National Blood bank
Director, Medical Suppliers Division

Chairman: Tel. : 94-11-2547331 Director General : 94-11-2547197 General : 94-11-2533427 Fax : 94-11-2533448
Fax : 94-11-2534207 94-11-2533428 94-11-2534210

E-mail : officialmail@aeb.gov.lk Web: www.aeb.gov.lk

Prospectus

- Title:** **Training Course on QA/QC of Nuclear Instruments / Counting Systems for Technical Personnel from 29th to 31st October 2019.**
- Objective:** The objective of this program is to provide theoretical knowledge and practical experience on QA/QC of nuclear instrumentation used in laboratories such as Radiation Monitors (Alpha, Beta and Gamma), Gamma Counting Systems (GM counting system, Single Channel Analyzers and Multi-Channel Analyzers). The knowledge gained will help to improve the capabilities in proper utilization of nuclear and other scientific equipment as well as the maintenance management of instruments in laboratory.
- Course Contents:** see overleaf
- Course duration/date:** 3 days, 29th to 31st October 2019.
- Course fee:** Rs: 14,145/= (Including all Government Taxes) per participant. The course fee should be paid at the time of registration for the course by Cheque drawn in favor of Sri Lanka Atomic Energy Board or by cash. Lunch and refreshment will be provided.
- Venue:** Sri Lanka Atomic Energy Board, 60/460, Baseline Road, Orugodawatta, Wellampitiya.
- Target Group:**
- Users/operators /supervisors of R & D and instrumentation labs
 - Repair and maintenance personnel of nuclear and other scientific equipment and supervisors who work in instrumentation laboratories.
 - Technical officers who are interested in upgrading knowledge on nuclear instrumentation.
 - Users/operators who are interested in learning function of nuclear instruments and quality assurance of their equipment.
- Application procedure:** Interested individuals among the above mentioned target group can be applied for the course using the specimen of application form. The duly filled application form should be sent to Director General, Sri Lanka Atomic Energy Board, 60/460, Baseline Road, Orugodawatta, Wellampitiya through official channels confirming the payment of course fee on or before the dead line for submission of application.
- Deadline for submission of application:** 31th of August 2019.

Course Contents of Training Course on QA/QC of Nuclear Instruments/Counting Systems for Technical Personnel from 29th-31st October 2019.

<u>Lectures:</u>	Duration(h)
L1 Introduction to radiation and interaction with matter	01
L2 Radiological Characteristics and Calibration of Radiation Monitoring instruments/devices	02
L3 Radiation Detectors (Ion Chamber, Proportional Counter, GM, Scintillation, Semiconductor)	02
L4 Counting Statistics & Error Propagation	01
L5 Radiation Measuring Systems (GM counters, SCA, MCA and Instrumentation & troubleshooting)	02
L6 Quality Management System	01
L7 Monitoring of Occupational Exposure and Work Place Monitoring	01
Total Lecture hours	10

<u>Practical:</u>	Duration(h)
P1 Familiarization of test & Measuring equipment	01
P2 Q.C. Of SCA	01
P3 GM counting/ Counting with statistics	02
P4 Introduction of Gamma Spectroscopy system and QA	02
P5 Q.C. Of Radiation Survey meters / Calibration	02
Total Practical hours	08

9. Nature of the present work:

10. Years of service:

11. Year of service in current position:

12. Details of similar courses attended:

Title of the course with year attended:

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13. I will personally pay the course fee

14. My employer will pay the course fee

15. Please state the reason/s you desire to take this course, and how it relates to your current or future professional activities.

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I hereby certify that above particulars are true and correct.

Applicant's signature.....

Date.....

Name of supervisor or training Manager Title of Supervisor:

Supervisor's /Training Manager's Tel. Email:

Supervisor's signature

Date.....

I hereby certify that the above nominee is the employee of this institute and course fee will be paid by the institute if selected.

Name of the Head of Dept. / Institution.....

Head's Tel

Email:

Signature of the Head of Dept. / Institution:

Date:

Official Stamp:

Note:

Pls. Don't send payments with this application. Payments should be made once selected candidates are informed by the SLAEB. Course will not be conducted if minimum no. of candidates is not available.