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International Training Course

May 06-08, 2024

PIEAS-IAEA Collaborating Center Atmospheric Dispersion Modeling & Experimentation Group Department of Nuclear Engineering Pakistan Institute of Engineering & Applied Sciences



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Introduction

Pakistan Institute of Engineering and Applied Sciences (PIEAS) stands as the pre-eminent university in Pakistan. Established in 1967, PIEAS has evolved into a distinguished institution renowned for its commitment to fostering the advanced education, cutting-edge research, and technological innovation, particularly in the field of nuclear science and technology. Since 2019, PIEAS has been designated as the IAEA Collaborating Center on Research, Development, and Capacity Building for Multidisciplinary Applications of Advanced and Innovative Nuclear Technologies. In its capacity as a collaborating center of the IAEA, PIEAS organizes training courses, workshops, webinars, and colloquiums to disseminate knowledge and develop local human resources.

In a dynamic era of advancements in energy landscape, the demand for proficient professional's adept in managing nuclear emergencies is more crucial than ever. Atmospheric Dispersion Modelling and Experimentation Group (ADMEG) at PIEAS is pursuing research and development activities in this area and is a main contributor in the organization of this training course. This course is designed to equip participants with a profound understanding of nuclear emergencies, intricate details of advanced power reactors, and the essential skills required for effective response and communication during emergency scenarios.

As participants are guided through historical incidents, global responses, reactor accidents, radiation fundamentals, and international regulations, they will gain a holistic perspective on the multifaceted aspects of nuclear emergency management. Additionally, participants will have the opportunity to explore the latest technologies, risk assessment methodologies, and decision support systems that are poised to shape the future of nuclear emergency preparedness.

Objectives

- 1. Understanding nuclear emergencies and global responses
- 2. Familiarization with advanced power reactors and safety measures
- 3. Skills development in risk assessment and emergency communication
- 4. Exploration of monitoring systems and emergency response mechanisms
- 5. Applied/practical training of the participants

International Speakers

- Dr. Hadid Subki, IAEA
- Dr. Manchun Liang, Tsinghua University, China
- Mr. Wang Ruijun, CIRP, China
- Mr. Qi Kun, CIAE, China
- Local Speakers from PNRA, DOS, NURESC and PIEAS

Patron In Chief

• Dr. Raja Ali Raza Anwar, HI, SI, Chairman (PAEC)

Patron

Dr. Naseem Irfan, Rector PIEAS

Organizing Committee

- Dr. Aman ur Rahman, DCS, PIEAS
- Dr. Masroor Ahmad, DCS, PIEAS
- Dr. Inam ul Haq, PE, PIEAS
- Dr. Sajjad Tahir, PS, PIEAS
- Dr. Amjad Faroog, PE, PIEAS
- Dr. M. Naveed Akhtar, PS, PIEAS
- Dr. Haseeb ur Rehman, PE, PIEAS
- Engr. Qaisar Nadeem, PE, PIEAS
- Engr. Ishfaq Ahmad, JE, PIEAS
- Engr. Bilal Ahmed Khan, JE, PIEAS

Intended Audience

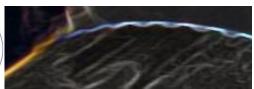
The course is tailored for the professionals from diverse backgrounds including but not limited to nuclear power plant operators, personnel of emergency preparedness and response organizations and centers, regulators, researchers, and academicians.

Registration

Deadline: April 30, 2024 Registration Fee: PKR 8000/-For further information and registration scan the QR code













International Training Course on

[∞]Nuolear Emergency Management System[∞]

[06-08 May 2024]

Registration Form

CNIC (Front Side)	CNIC (Back Side)	Latest Photograph
Dr./Mr./Ms:	Name:	
CNIC No:	-	
PIN No (Strat Employees):		
Designation:	Affiliation:	
Address:		
Phone:	Fax:	
Email:	Brank Draft No./Transaction ID:	

Registration form is acceptable in both hard and soft form. The course registration fee is 8000 PKR per person, covering course material, refreshment, and lunches. Please make the demand draft payable to the Director of Finance, PIEAS. Online payments can be made to IBAN account No: PK11ASCM0002461480000030 (Askari Commercial Bank, Account Title: Income Account). Please share filled form and payment transaction receipt (if fee is paid online) to admeg@pieas.edu.pk. Hard copy of the form can also be sent to coordinator ADMEG, DNE, PIEAS Nilore 45650, Islamabad.