

Pakistan Institute of Engineering and Applied Sciences (PIEAS)



About PIEAS

PIEAS was founded in 1967 as Reactor School in response to increasing manpower demand of PAEC. The institute gained university status in 2000 and its name was changed to "Pakistan Institute of Engineering and Applied Sciences (PIEAS)". PIEAS has been ranked as No. 1 engineering university of Pakistan in the QS Asian Rankings 2014, 2015 and 2019.

Faculty of Engineering

Department of Nuclear Engineering
Department of Chemical Engineering
Department of Electrical Engineering
Department of Mechanical Engineering
Department of Metallurgy & Materials Engineering

Faculty of Sciences

Department of Medical Sciences
Department of Computer & Information Sciences
Department of Physics and Applied Mathematics
Department of Communication & Management Sciences
Department of Chemistry

Academic Programs

Ph.D. in Engineering and Applied Sciences

MS Programs

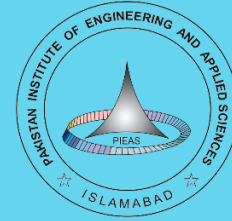
Nuclear Engineering
Radiation Physics
Systems Engineering
Materials Engineering
Process Engineering
Mechanical Engineering
Nuclear Medicine
Radiation and Medical Oncology
Medical Physics
Mineral Resource Engineering
Electrical Engineering (Power)

BS Programs

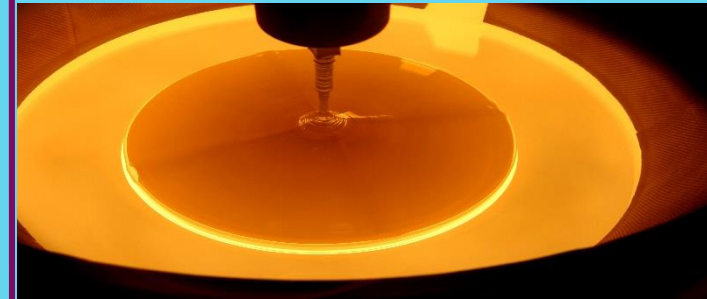
Electrical Engineering
Mechanical Engineering
Computer Science

For more information, please visit www.pieas.edu.pk

Short Course on Single Crystal Growth and its Application in Radiation Detection



March 10 – 12, 2020



Department of Nuclear Engineering

Pakistan Institute of Engineering and Applied Sciences

Registration Deadline: March 03, 2020

Registration Fee (Participants): Rs. 5000/-

Registration Fee (Students): Rs. 3000/-

Patron

Prof. Nasir Majid Mirza, Rector, PIEAS

Executive Committee

Dr. Naseem Irfan

Dr. Tariq Majeed

Dr. S. Shoaib Raza

Dr. Aman ur Rehman

Focal Person

Dr. Masroor Ahmad

mahmad@pieas.edu.pk

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Engr. Rab Nawaz, SE, DNE, PIEAS

Contact Information

Please send filled form to **Engr. Rab Nawaz**
Pakistan Institute of Engineering and Applied Sciences,
Nilore, Islamabad, Pakistan
Ph: +92 51 9248611-20 (Ext. 3705)
Fax: +92 51 9248 600
E-mail: rnawaz@pieas.edu.pk

Course Topics

- Crystal Growth Technology
- Radiation Detection Materials
- Single Crystal Growth Techniques
- Applications of Single Crystals
- Performance of Scintillator Crystals
- Testing and Analysis of Scintillator Crystals

Resource Persons

Prof. Hong Joo Kim (Ph.D.) is an esteemed and renowned scientist in the field of Single Crystal Growth. He got his BS, MS and Ph.D. degrees from Korea University, South Korea from 1980-89. He worked as post-doctoral & senior Researcher at Louisiana State University, USA from Sep. 1989 to May 1997. Since then he has been serving as professor and field expert in various high ranked universities. He has published more than 700 research articles in highly reputed international journals. Currently, he is Director of Institute of High Energy and Nano-physics Research, Department of Physics at KyungPook National University.

Dr. Gul Rooh (Ph.D.) is Associate Professor in Department of Physics at Abdul Wali Khan University Mardan, Pakistan. Dr. Gul Rooh is an expert of the single crystal growth with more than 70 international journal publications and 14 international patents having accumulative impact factor of more than 200 in the international scientific community.

Dr. Mujtaba ul Hassan (Ph.D.) is Associate Professor at PIEAS, Pakistan.

Dr. Azhar Hussain Malik (Ph.D.) is Associate Professor at PIEAS, Pakistan.

Dr. Fawad Ullah (Ph.D.) is Assistant Professor at KUST, Pakistan.

Mr. Arshad Khan is pursuing Ph.D. degree at KyungPook National University, South Korea under the supervision of Prof. HongJoo Kim.

Registration Form

Application No. _____

Short Course: _____

(For Official use only)

Photograph

Name: _____

Date of Birth: _____

Gender: _____ PIN _____

Passport No. / CNIC No. _____

Designation: _____

Affiliation: _____

Address: _____

Bank Draft No. _____

Amount: Rs. _____

Phone: _____

Fax: _____

E-mail: _____

Applicant's Signature: _____

Online submission via email:

rnawaz@pieas.edu.pk

Note: The registration fee must be paid (i.e. Rs. 5000/- for participants and 3000/- for students) before deadline in the form of Cash / Bank Draft in favor of **“Director Finance, PIEAS, Nilore, Islamabad, Pakistan”**

- The registration fee is being charged to cover course material, tea, and lunch.

