



REGISTRATION FORM

SHORT COURSE

Mathematical Analysis and Its Modern Applications

Function Spaces & Operator Theory to Integral Equations & Artificial Intelligence

Instructor: Dr. Ali Raza

Duration: 2 Weeks	Course Starts: August 03, 2026	Timing: Monday to Thursday 02:30 pm-04:30 pm
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Personal Information

Full Name:		PASSPORT-SIZE PHOTOGRAPH <i>Attach a recent colored photograph</i>
Father's / Guardian Name:		
CNIC / B-Form Number:		
CNIC Copy Attached	☐ Yes ☐ No	
Date of Birth:		
Gender:	☐ Male ☐ Female ☐ Prefer not to say	

Contact Information

Phone Number:	
Email Address:	
Full Residential Address:	
Postal Address (if different):	

Academic / Professional Details

Highest Degree / Qualification:	
Institution / Organization:	
Field of Study / Designation:	
Year of Completion:	
Current Status:	☐ Graduate Student ☐ MPhil Scholar ☐ PhD Scholar ☐ Early-Career ☐ Researcher ☐ Faculty Member ☐ Other



ABDUS SALAM SCHOOL OF MATHEMATICAL SCIENCES

Government College University Lahore

Course Background and Preparation

- Overall Experience Level:** ☐ Beginner ☐ Intermediate ☐ Advanced
- Background in Real Analysis:** ☐ Yes ☐ No
- Foundation in Linear Algebra** ☐ Yes ☐ No
- Familiarity with Measure Theory** ☐ Yes ☐ No
- Knowledge of Lebesgue Spaces:** ☐ Yes ☐ No
- Familiarity with Artificial Intelligence:** ☐ Yes ☐ No
- Knowledge of Operator Theory** ☐ Yes ☐ No
- Knowledge of Fredholm Integral Equations** ☐ Yes ☐ No
- Research Experience in Mathematical Analysis** ☐ Beginner ☐ Intermediate ☐ Advanced
- Personal Laptop Available:** ☐ Yes ☐ No

Areas of Interest

- ☐ Functional Analysis ☐ Measure Theory ☐ Lebesgue Spaces ☐ Sobolev Spaces ☐ Operator Theory ☐ Harmonic Analysis
- ☐ Fredholm Integral Equations ☐ Mathematical Foundations of Artificial Intelligence ☐ Research in Modern Analysis

Reason for Joining the Course

Declaration and Commitment

I confirm that the information provided in this form is true and correct. I understand that regular attendance and completion of all course requirements are expected. I agree to participate responsibly in the two-week short course “Mathematical Analysis and Its Modern Applications,” and to bring a personal laptop for practical activities and interactive learning sessions whenever required.

Signature:

Date:

Name:

CNIC:

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Registration No.	Application Status	Verified By	Date	Remarks
	☐ <i>Approved</i> ☐ <i>Pending</i> ☐ <i>Rejected</i>			