FUNDAMENTALS OF PROJECT-BASED LEARNING

Hasnain Yousaf

LUMSx is the center for online learning and professional development at LUMS. We extend LUMS' excellence in teaching and research beyond its borders by leveraging technology and innovative pedagogy. Our courses aim to bridge critical knowledge & skill gaps for Pakistani learners and to meet their diverse learning needs, we offer **Massive Open Online Courses** (MOOCs), **Hybrid Courses**, **Synchronous (Live) Courses**, and **Free Open Online Courses** (OpenCourseWare). We intend to harness technology for enhancing access, improving educational quality, and amplifying education's impact.

Course Format: Online-Cohort

Language: English

Duration: 3 Weeks

Note: For more details about the dates and pricing, please visit our website

⊕ VISIT COURSE PAGE

ABOUT THIS COURSE

This course will introduce K-8 educators to the methodology of Project-Based Learning (PBL), an engaging, student-centered approach that empowers students to learn by solving real-world, open-ended problems. Through this course, teachers will explore how PBL fosters critical thinking, collaboration, problem-solving, and self-directed learning—skills essential for the 21st-century workforce. Educators will learn how to design and implement PBL in their classrooms, integrating interdisciplinary knowledge and guiding students through hands-on projects that connect classroom learning to real-world challenges. By the end of the course, teachers will be equipped with the tools and strategies to create a dynamic learning environment that promotes deeper engagement, creativity, and problem-solving in their students.

Who is this course for? This course is designed for pre-service and in-service K-8 teachers across Pakistan. Additionally, curriculum leads, teacher trainers, and school principals seeking to refine instructional practices and improve learning outcomes will also find this course beneficial.

COHORT FEATURES

- **3 Live-Online Sessions** on 11th, 18th, and 25th July (Tentative)
- Teaching Team Support
- Cohort Team Support
- PBL Project Plan (Group Work)
- Cohort WhatsApp Community
- Course Progress Updates

MEET YOUR INSTRUCTOR

Course Instructor

HASNAIN YOUSAF

Lecturer,
Ali Institute of Education

Hasnain is an Educationist with a passion for using Artificial Intelligence and Data Science to address some of the most pressing challenges in education and society. Currently, Hasnain serves as the Head of Quality Assurance (Academics) at the Ali Institute of Education, where he has been a key contributor for several years.

In his role, Hasnain has worked closely with educators across contexts, supporting them in developing a deep understanding of Project-Based Learning (PBL) and providing practical tools and strategies for designing and implementing meaningful PBL experiences in the classroom.

COURSE OUTLINE

MODULE	LEARNING OUTCOMES
Foundations of Project-Based Learning	In this module, participants will explore the foundational concepts of Project-Based Learning (PBL) and gain insights into how it differs from traditional teaching methods. They will begin by defining PBL and examining its unique benefits for both teachers and students, addressing common misconceptions that often surround this approach. Through an in-depth look at core PBL components—collaboration, inquiry, real-world application, and student agency—participants will learn how these elements work together to create meaningful and engaging learning experiences.
Planning for PBL: Designing Activities and Assessments	In this module, participants will delve into the essential components of planning and designing impactful Project-Based Learning (PBL) activities. The module begins by introducing strategies for creating both formative and summative assessments, enabling participants to track student progress and learning outcomes throughout the PBL process. Participants will learn to design inquiry-based, engaging activities that encourage students to explore and achieve clearly defined learning goals.
Implementing Project Based Learning	In this final module, participants will focus on the key steps for effectively implementing their Project-Based Learning (PBL) plans in real classroom settings. The module begins by guiding participants on how to prepare students for presenting or exhibiting their final projects to authentic audiences, a step that reinforces the real-world relevance of PBL and builds student confidence in sharing their work. Participants will explore strategies for incorporating meaningful reflection practices for both students and teachers. By fostering these reflections, participants can help students deepen their understanding and improve their learning outcomes, while also gaining insights into their own teaching practices. Additionally, the module provides participants with opportunities to practice giving and receiving constructive feedback through peer review, allowing them to refine their own PBL plans and apply valuable feedback from colleagues.

Live Classes: 11th, 18th, and 25th July, 2025

FUNDAMENTALS OF PROJECT-BASED LEARNING

ENROLL NOW

As an *online learning gateway* of LUMS, we aim to extend LUMS' excellence in teaching and research *beyond its borders* by leveraging technology.

FUNDAMENTALS OF PROJECT-BASED LEARNING

ENROLL NOW

As an *online learning gateway* of LUMS, we aim to extend LUMS' excellence in teaching and research *beyond its borders* by leveraging technology.