



«APPROVED»
 Vice-Rector for Academic Affairs
 O.I.Duysenbaev
 “ ” 2025-year



Co-funded by the European Union

5-DAY TRAINING COURSE CALENDAR PLAN

DEBSEUz Training Center – Renewable Energy Sources



Total: 30 hours - 5 days (6 hours per day)

No	Types of training	Topic title and its summary	Dedicated hours	Teacher's signature
DAY 1 — INTRODUCTION & ENERGY OVERVIEW (6 hours)				
1	Lecture session	Introduction to the Energy System of Uzbekistan	2	
2	Lecture session	Types of Renewable Energy Sources & Global Trends	2	
3	Practical session	Assessment of Regional Renewable Energy Potential	2	
DAY 2 — SOLAR ENERGY (6 hours)				
4	Lecture session	Solar Radiation & Measurement Methods	2	
5	Lecture session	Solar PV System Components & Operation	2	
6	Practical session	PV Module Calculation & System Sizing	2	
DAY 3 — LABORATORY DAY (6 hours)				
7	Laboratory session	Solar Radiation Measurement & PV Module Efficiency Testing	2	
8	Laboratory session	Battery Charge–Discharge Characteristics	2	
9	Laboratory session	Wind Turbine Laboratory - Power Curve Determination	2	
DAY 4 — ENERGY STORAGE & GRID INTEGRATION (6 hours)				
10	Lecture session	Energy Storage Systems & Grid Integration	2	
11	Practical session	Battery Sizing & Energy Reserve Calculations	2	
12	Practical session	Design of Hybrid Solar–Wind Power Supply Scheme	2	
DAY 5 — PROJECT DEVELOPMENT & FINAL ASSESSMENT (6 hours)				
13	Lecture session	Safety, Maintenance & Best Practices in Renewable Energy Systems	2	
14	Practical Session	Mini Project: Designing a Small PV/Wind Power System	2	
15	Assessment	Final Test & Group Presentation	2	
Total			30	

Head of the department

K.M.Reymov