MOOC APPROVAL PROPOSAL

Date: December 02, 2025

SUMMARY OF PROPOSED MOOC MAPPINGS

S.No	KTU Code	KTU Course	NPTEL Course	Duration	Match
1	PECST745	Computer Vision	Computer Vision and Image	12 Weeks	?70%
2	PECST747	Blockchain and Cryptocurr	Blockchain and its Applic	12 Weeks	?70%
3	PECST862	Natural Language Processi	Natural Language Processi	12 Weeks	?70%
4	PECST785	Algorithms for Data Scien	Data Science for Engineer	8 Weeks	?70%
5	HNCST509	Object Oriented System De	Object Oriented System De	12 Weeks	?70%
6	HNCST609	Advanced Algorithms	Design and Analysis of Al	12 Weeks	?70%
7	HNCST709	Advanced Cryptography	Cryptography and Network	12 Weeks	?70%
8	OEMET722	Introduction to Robotics	Robotics and Control: The	12 Weeks	?70%
9	OEECT723	Optimization Techniques	Optimization from Fundame	12 Weeks	?70%
10	PEECT752	Internet of Things	Introduction to Internet	12 Weeks	?70%
11	OEEET832	PLC and Automation	Industrial Automation and	12 Weeks	?70%
12	HMCET502	Project Management	Project Management	8 Weeks	?70%

RECOMMENDATION FROM IQAC AND COLLEGE COUNCIL

This proposal for MOOC course mappings for the Jan-Apr 2026 semester has been reviewed by the Internal Quality Assurance Cell (IQAC) and the College Council.

All proposed mappings meet the requirements specified in KTU B.Tech Regulations 2024, Section 17:

? R 17.1 - All MOOCs are from NPTEL (approved agency)
? R 17.2 - All courses have minimum 8 weeks duration
? R 17.3 - All courses are online with proctored examinations
? R 17.4 - All courses have ?70% content overlap
? R 17.5 - Proposal submitted before semester commencement

Number of Mappings: 12

IQAC Recommendation: APPROVED
College Council Recommendation: APPROVED

Signatures:

_____   _____
    IQAC Coordinator   College Council Member

_____
    Principal

Date: December 02, 2025