

ISO/TR 29996:2024-01 (E)

Education and learning services - Distance and digital learning services (DDLS) - Case studies

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Methodology and overview of selected cases	2
4.1 Methodology.....	2
4.2 Overview of selected cases.....	2
5 Practices of needs analysis	4
5.1 General.....	4
5.2 Market needs analysis for launching a new programme.....	4
5.3 Syllabus “Digital competences for PA”.....	5
5.4 Learning needs analysis for international talent cultivation.....	6
6 Practices of design of DDLS	7
6.1 General.....	7
6.2 An ecological model indicating learner-centredness in online education.....	8
6.3 Engagement and co-design by administrations in “Digital competences for PA”.....	8
6.4 Intelligent design systems for training programmes.....	9
6.4.1 General.....	9
7 Practices of technology-supported distance learning	10
7.1 General.....	10
7.2 An intelligent auxiliary environment with artificial intelligence (AI) and VEM technology.....	10
7.3 A “learning hub” IT platform.....	11
7.4 A “crowded innovation space” cloud classroom learning platform.....	11
8 Practices of learning materials available via distance learning	12
8.1 General.....	12
8.2 Learning materials designed with the principle of 3-M learning.....	12
8.3 E-learning digital competences catalogue with course category as the elementary unit.....	12
8.4 A learning resource system with timely updating and rich test questions.....	13
9 Practices of learner support	13
9.1 General.....	13
9.2 A mentorship model that highlights different learner support elements.....	13
9.3 A FAQ system on the public site.....	15
9.4 An intelligent talent development system for young learners.....	16
10 Practices of assessment of learning	16
10.1 General.....	16
10.2 A dual system of both formative and summative assessment.....	16
10.3 Analysis of “incoming” and “outgoing” competences.....	17
10.3.1 General.....	17
10.3.2 Analysis of “incoming” competences.....	17
10.3.3 Analysis of “outgoing” competences.....	18