Faculty	Economic & Management Sciences					
Home Department		Information Systems				
Module Topic		Tools of the Digital Era				
Generic Module Name	Tools of t	Tools of the Digital Era 703				
Alpha -numeric Code	ISE703					
NQF Level	8					
NQF Credit Value	15					
Duration	Semester					
Proposed semester to be	First Sem					
offered	1 1101 00111	00101				
Programmes in which	PGD in information Systems in e-Skills Development					
module will be offered	(1618)					
Year Level	1					
Main Outcomes	On comp	etion of this modu	le stude	nts should be able to:		
	 Demon 	strate an understa	inding of	the functioning of the		
	informa	tion technology in	busines	s/organisations.		
				nformation systems.		
			anding o	of the internets and		
		ld wide web.				
	Demon	strate the modern	applicat	ion of the various		
				usiness/organisations.		
	Demonstrate an understanding of the major trends in the development of the tools in the digital era.					
Main Content						
Main Content	Information technology and its functioning in business/organisations at a user level (hardware [incl.					
		technology], softw				
		tion software; utilit				
		stems concent in it	y progra nformatio	nn systems		
	 The systems concept in information systems. Application of the internet and the World Wide Web in 					
	the 21st century.					
	 Information systems – an overview of the various types 					
1	• 1111011111		Overviev	w of the various types		
	of syste	ems and their appli	ication ir	w of the various types the modern		
	of syste	ms and their appli	ication ir	w of the various types the modern usiness intelligence		
	of syste busines tools, th	ems and their appli ss/organisation (int ne use of artificial i	ication ir ter alia b ntelligen	the modern usiness intelligence ce [intelligent agents,		
	of syste busines tools, th neural i	ems and their applies/organisation (infaction) in the use of artificial intertworks, genetic	ication ir ter alia b ntelligen algorithn	the modern usiness intelligence ce [intelligent agents, ns], tools for		
	of syste busines tools, th neural i knowled	ems and their appliss/organisation (infaction) in the use of artificial intertworks, genetical dge management	ication ir ter alia b ntelligen algorithn and colla	the modern usiness intelligence ice [intelligent agents, ns], tools for aboration, strategic		
	of syste busines tools, th neural i knowled enterpri	ems and their appliss/organisation (into e use of artificial in networks, genetic dge management ise management to	ication ir ter alia b ntelligen algorithn and colla	the modern usiness intelligence ce [intelligent agents, ns], tools for		
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Total Learning Time	150				
Methods of Student	Continuous Assessment (CA): 50%				
Assessment	Final Assessment (FA): 50%				
Assessment Module type	Continuous and Final Assessment (CFA)				