Course Code	UDS21D03T	Course Name	DIGITAL TRANSPORMATION			- 200	ours tego		D			Disc	iplin	e Sp	eci	fic E	lect	ive		-	L 4	T	P 0	C
Pre-re	equisite Courses	Nil		Co-requisite Courses	Nil	7				Pı	rogre	essiv	e Co	urse	s	Nil								
Course Of	ffering Departme	nt	Computer Applications		Data Book / C	odes	/Sta	ndar	ds	Nil						ē .								
Course Le	earning Rationale	(CLR):	The purpose of learning t	this course is to,		Le	arni	ng			1		Prog	gran	ı Le	arnin	g O	utco	mes	(PL	.0)			
CLR-1:	Enable the part		one their skills, tools, and tec	hniques to lead digital tra	ansformation	1	2	3	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CLR-2:	To Inculcate the thinking.	principles	s of digital business models,	rapid innovation, and da	ta-driven				8										7					
CLR-3:	Get Exposed to disruptive busin	_	eadership skills to navigate a	n era of technology shifts	and		i						-											
CLR-4:			gies for organizations to dec ver their competitors	onstruct their value chair	to gain a						H	ciplines	1	٦	ge									
CLR-5:	Look into the m	ajor busin	ess drivers of digital transford lready created, the challenge		Topics (Control and Control an	(Bloom)	cy (%)	ent (%)		vledge	cepts	Discipli	egpe	tion	nowledge		Data		Skills	Skills			vior	
CLR-6:			ramework fundamental duali			inking (roficiency	Attainme		tal Knov	of Concep	Related [Knowledge	Specialization	Utilize Kr	Modeling	nterpret	e Skills	Solving S	1000000	Skills		al Behavior	earning
Course Le	earning Outcome	s (CLO):	At the end of this course, I	earners will be able to:		Level of Th	Expected F	Expected A		Fundamental Knowledge	Application	Link with R	Procedural	_	10	Skills in Mo	Analyze, In	Investigative	Problem Sc	Communication	Analytical §	ICT Skills	Professional	Life Long L
CLO-1 :	Create a system intelligence.	n for corre	ect data gathering and incorpo	orating it at a higher leve	I for business	2	85	80		Н	Н	Н	М	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н
CLO-2:	Have excellent	skills and	knowledge to lead process in	novation and efficiency	across units	3	85	80		Н	Н	Н	М	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н
CLO-3 :	Understand the the business gr		needs and building impactfu	I insights that help a gre	at deal in drive	3	85	80		Н	Н	Н	М	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н
CLO-4 :	Have excellent expectations.	skills and	knowledge for providing a gr	eat digital experience hiç	h customers	3	85	80		Н	Н	Н	М	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н
CLO-5 :	Encourage digit ahead digitally.	al culture	with improved collaboartaion	to help move the entire	organization	3	85	80	d	Н	Н	Н	М	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н
CLO-6:			e in processes helpingg to im ndergoing digital transformati		fitability for	3	85	80		Н	Н	Н	М	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н

Note: All our curriculum, study materials, assignments, quizzes, lab works, and learning resources are personalized and dynamically generated using machine learning models based on the learner's learning ability. Users can review our learning curriculum only through our intelligent learning management platform (iLMSP), and our learning resources and lab infrastructures are available only in the digital form on our cloud infrastructures.

100	ration nour)	12	12	12	12	12
	SLO-1	Unit 1: Digital Transformation Defined	Al-digitized supply chains	Digital Transformation in Automobile	Internet Of Things	Building bridges between technologies
S-1	SLO-2	Digital Transformation defined from academic perspective Improved decision making and productivity Improved decision making and productivity Unit 5: Digital Transformation Business Cases		Mobile	Bridging technologies and innovation	
S-2	SLO-1	Digital Transformation defined from industry perspective	Unit 3: Role of AI in Digital Transformation	Creating a Roadmap	Augmented Reality	Unit 10: Digital Transformation Implementation Framework
	SLO-2	Business Benefits of Digital Transformation	How can AI be applied in the digital transformation process	Destination	Cloud Technology	What is a digital transformation implementation framework?
0.0	SLO-1	Business Challenges of Digital Transformation	Al-driven digital transformation	Means of getting to the destination	Artificial Intelligence and Machine Learning	Why do organizations need to digitally transform
S-3	SLO-2	Role of Digital Transformation in	Challenges ahead	Key digital transformation activities Digital Twin		The benefits of a digital transformation framework
0.4	SLO-1	Opportunities for Digital Transformation	Role of Augmented analytics	Main milestones	API Based Integration	Choosing the right digital transformation framework
S-4	SLO-2	The Process of Digital Transformation	Role of Automation	Define Metrics	Robotic Process Automation	Things to avoid
	SLO-1	Digital Business Models	Enhanced Consumer engagement and insights	User Lifetime Value	Additive Manufacturing	Things in return
S-5	SLO-2	Unit 2: Industry Demand and Business Needs for Digital Transformation		Inbound and outbound marketing performance	Unit 8: Security and Data Privacy	Unit 11: Digital Transformation Implementation Framework
	SLO-1	Digital Transformation a window of future	Improved decision making and productivity	Customer Experience	Digital Transformation Strategy ✓ Process ✓ Model ✓ Domain ✓ Culture	Amazon Business - Improving Customer experience
S-6	SLO-2	Business Drivers towards digital Transformation	Unit 4: Role of Intelligent Automation and Data Science in Digital Transformation	Use Organizational Change Management	Technology for digitally transforming business processes Team Collaboration CRM Storage Project Management Accounting Payroll Communication	Netflix – On-demand Subscription based video services
S-7	SLO-1	Digital Transformation across industries	Why are Businesses Undergoing Digital Transformations?	Unit 6: Digital Transformation Business Cases	How is data security at risk from digital transformation	Tesla Connected Car Technology

	SLO-2	Innovation from digital transformation	Future of Intelligent Automation Data Transformation	Destination	Mitigate data security risks	Glassdoor Recruitment	
•	SLO-1	Competitive Edge over others	Future of Data science in Data Transformation	Means of getting to the destination	Investing in Privacy Tools	Under Armour Connected Fitness	
S-8	SLO-2	Changing Operational processes through digital transformation	How does Data Science Benefit to Business?	Key digital transformation activities	Ensuring Digital Transformation Strategy is Secure	Unit 12: Digital Transformation Best Practices and Adoptions	
S-9	SLO-1	Changing organizational model Authorizing decision-making via a data-driven approach Main milestones		Unit 9: Global Digital Deployment and Rollout Strategy	Define of the business problem		
0.0	SLO-2	Unit 3: Role of Al in Digital Transformation Classifying warnings, opportunities, and scopes via data-insights Define Metrics		Review your strategy	Prioritize collaboration betwee teams		
_	SLO-1	How can AI be applied in the digital transformation process	Adding more values with Machine learning	User Lifetime Value	Components for deploying your strategy	Ensure a culture that allows for change	
S- 10	SLO-2	Al-driven digital transformation	Unit 5: Real-World Applications of Digital Transformation	Inbound and outbound marketing performance	Building Bridges between IT and the Business	Ensure a culture that allows for change	
S-	SLO-1	Cha <mark>llenges a</mark> head	Digital Transformation in Healthcare	Customer Experience	Building bridges between the business and information/processes	Introduce a corporate governance system	
11	SLO-2	Role of Augmented analytics	Digital Transformation in Retail	Use Organizational Change Management	Building bridges for actionable intelligence	Look through the perspective of customers or users	
S- 12	SLO-1	Role of Automation	Unit 7: Digital		Building human bridges in a digital transformation strategy	Take risks and try new methods	
	SLO-2	Enhanced Consumer engagement and insights	Digital Transformation in Oil and Gas	Big Data And Real-Time Analytics	Bridges to build new ecosystems	Mind the technology legacy cost	
ear	ning		os.com/ R. Pingali, Shankar Prakash, (2021) s - Theory and Practice, SAGE publis		ng ,Emre Cevikcan , (2017), "Industry tion" , Springer Series in Advanced N		

Learning
Resources

- 3. Daniel R. A. Schallmo , Christopher A. Williams, (2018), "Digital Transformation Now! - Guiding the Successful Digitalization of Your Business Model", Springer, 2018
- Alexander Borek and Nadine Prill, (2020), Driving Digital Transformation through Data and Al, Kogan Page

Learning	Assessment Continuous Learning Assessment (50% weightage)									Final Exa	mination
	Bloom's Level of Thinking	CLA -	1 (10%)	CLA -	2 (10%)	CLA -	3 (20%)	CLA - 4	(10%) #	(50% we	ightage)
		Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice
Level 1	Remember	400/	200	400/	Jaso	400/		400/	35.00	400/	194
	Understand	40%	10-	40%	-	40%	-	40%	_	40%	-

Level 2	Apply Analyze	40%	87 = 7	40%	-/-	40%	-	40%		40%	-
Lovel 2	Evaluate	20%		20%	- Park	20%		20%	1983	20%	
Level 3	Create	20%	.	20%		20%	-	20%	-	20%	
	Total	100) %	100) %	100) %	100	%	100) %

CLA – 4 can be from any combination of these: Assignments, Seminars, Tech Talks, Mini-Projects, Case-Studies, Self-Study, MOOCs, Certifications, Conf. Paper etc.,

Course Designers				
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