Annexure-X Programme Eligibility Matrix

									(ATE	Pape	r Cod	de							
Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY						ME	MN	МТ	РН	PI	TF X	E XL
Dr. B.R. Ambedkar National Institute of Technology Jalandhar - (JL)																				
Chemical Engineering - (CH)																				
Chemical Engineering - (CE)																				
G1																				
Biochemical Engineering - (T109)				1		1														1
Bioengineering - (T197)				1		1														1
Biological Sciences & Bioengineering - (T198)				1	L	1														1
Biosciences & Bioengineering - (T200)				1	L	1														1
Biotech Engineering - (T112)				1	L	1														1
Biotechnology - (T113)				1	L	1														1
Biotechnology & Biochemical Engineering - (T201)				1	L	1														1
Cement & Ceramic Technology - (T115)				1	L	1														1
Ceramic & Glass Technology - (T202)				1	L	1														1
Ceramic Engineering - (T116)				1		1														1
Ceramic Engineering & Technology - (T203)				1	L	1														1
Ceramic Technology - (T204)				1		1														1
Chemical & Alcohol Technology - (T328)				1		1														1
Chemical & Polymer Engineering - (T205)				1		1														1
Chemical Engineering - (T117)				1		1														1
Chemical Technology - (T207)				1		1														1
Dairy Technology - (T225)				1		1														1
Dyestuff Technology - (T226)				1		1													TT	1
Electro-Chemical Engineering - (T134)				1		1													TT	1
Energy Engineering - (T139)				1		1													TT	1
Energy Science & Engineering - (T244)				1		1										1			+	1
Environment & Pollution Control - (T247)				1		1										1			+	1
Environmental Engineering - (T142)				1		1													\top	1
Environmental Science & Engineering/Technology - (T248)				1		1													\top	1
Fire Technology & Safety - (T253)				1		1													\top	1
Food Engineering/Technology - (T254)				1		1													\top	1
Food Processing & Preservation - (T255)				1		1													\top	1
Food Processing Engineering/Technology - (T256)				1		1													\top	1
Fuel Technology - (T327)				1		1													\top	1
Industrial Biotechnology - (T262)				1		1													\top	1
Leather Technology - (T154)				1		1													\top	1
Material Science & Engineering/Technology - (T157)				1		1													\top	1
Oil & Paint Technology - (T291)				1		1								1		1			+	1
Oil Technology - (T292)				1		1								1		1			+	1
Oils & Oleochemicals & Surfactants Technology - (T293)		1	1	1	1	1				 			1	1	1	1			++	1
Paint Technology - (T295)	+	1		1	1	1				<u> </u>				1		T			++	1
Paper Technology - (T326)		1		1		1				 				1	1	1			++	1

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Petro-Chemical Engineering/Technology - (T170)				1		1														1	1
Petroleum Engineering/Technology - (T296)				1		1														1	1
Plastic & Polymer Engineering - (T297)				1		1														1	1
Plastics Engineering/Technology - (T298)				1		1														1	1
Polymer Science & Rubber Technology - (T172)				1		1														1	1
Polymer Science & Technology - (T173)				1		1														1	1
Polymer Technology - (T174)				1		1														1	1
Pulp & Paper Engineering - (T305)				1		1														1	1
Rubber Technology - (T308)				1		1														1	1
Safety & Fire Engineering - (T309)				1		1														1	1
Science/Polymer Engineering & Technology - (T310)				1		1														1	1
Sugar Technology - (T325)				1		1														1	1
Civil Engineering - (CE)																					
Structural and Construction Engineering - (SG)																					
G1																					
Civil Engineering - (T118)					1																
Computer Science & Engineering - (CT)			-		1 -	1														-	
Computer Science & Engineering - (XG)						1	1													-	
G1			-		-	-														$\overline{}$	\vdash
Computer & Communication Engineering - (T211)							1													$\overline{}$	H
Computer & Communication Engineering - (1211) Computer Engineering - (T120)		1				1	1														
Computer Engineering - (1120) Computer Engineering & Application - (T213)						-	1														
Computer Engineering & Application - (1213) Computer Networking - (1214)						-	1														
							1													-	<u> </u>
Computer Science - (T121)		1				1	1													لــــا	
Computer Science & Engineering - (T122)					-	-								<u> </u>						لــــا	-
Computer Science & Information Technology - (T123)							1													لــــا	<u> </u>
Computer Science & Systems Engineering - (T215)							1													لــــا	<u> </u>
Computer Science & Technology - (T216)		-				-	1													\vdash	<u> </u>
Computer Technology - (T124)		-				-	1													\vdash	<u> </u>
Computing in Computing - (T217)							1							<u> </u>						<u> </u>	<u> </u>
Computing in Multimedia - (T218)							1							<u> </u>						<u> </u>	<u> </u>
Computing in Software - (T219)							1							ļ						لـــــا	
Information & Communication Technology - (T265)							1													!	<u> </u>
Information Engineering - (T266)							1														<u> </u>
Information Science - (T267)							1													<u> </u>	
Information Science & Engineering/Technology - (T268)							1													ļ!	
Information Technology - (T149)							1														
Software Engineering - (T313)							1														
Electronics & Communication Engineering - (EC)																					
Electronics & Communication Engineering - (EG)																					
G1																					
Electronics & Communication Engineering - (T135)									1												
Electronics & Telecom Engineering - (T137)									1												
VLSI Design - (VN)	İ																				
G1																					

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Electronics & Communication Engineering - (T135)									1											П	
Electronics & Telecom Engineering - (T137)									1												
Industrial & Production Engineering - (IP)																					
Manufacturing Technology - (MF)																					
G1																					
Advanced Manufacturing & Mechanical Systems Design - (T187)														1				1			
Industrial & Management Engineering - (T261)														1				1			
Industrial & Production Engineering - (T145)														1				1			
Industrial Engineering - (T146)														1				1			1
Industrial Engineering & Management - (T147)														1				1			
Industrial Management - (T264)														1				1			
Industrial Manufacturing Engineering - (T144)														1				1			
Manufacturing Engineering/Technology - (T155)														1				1			
Manufacturing Process - (T274)														1				1			
Manufacturing Science & Engineering - (T275)														1				1			
Mechanical & Automation Engineering - (T279)														1				1			1
Mechanical Engineering - (T158)														1				1		\Box	
Mechanical Engineering Automobile - (T280)														1				1			
Production & Industrial Engineering - (T176)														1				1			
Production Engineering - (T177)														1				1			\neg
Production Engineering & Management - (T178)														1				1			$\neg \neg$
Instrumentation & Control Engineering - (IC)	1																	_		\sqcap	1
Control and Instrumentation Engineering - (CU)	1																			\sqcap	
G1	1																			\sqcap	
Applied Electronics & Instrumentation Engineering - (T104)									1	1		1									
Control & Electrical Engineering - (T128)	1								1	1		1								\sqcap	
Control & Instrumentation - (T223)									1	1		1									
Control Engineering - (T127)	1								1	1		1								\sqcap	
Control System Engineering - (T224)	1								1	1		1								\sqcap	
Electrical & Instrumentation Engineering - (T228)	1								1	1		1								\sqcap	
Electrical & Electronics Engineering - (T129)	1								1	1		1								\sqcap	
Electrical & Instrumentation Engineering - (T130)	1								1	1		1								\sqcap	
Electrical & Power Engineering - (T229)									1	1		1									
Electrical Engineering - (T131)	1								1	1		1								\sqcap	
Electrical Engineering & Industrial Control - (T227)	1								1	1		1								\sqcap	
Electrical Engineering (Power) - (T132)									1	1		1								\sqcap	
Electrical Instrumentation & Control Engineering - (T230)									1	1		1								\sqcap	
Electrical Power Engineering - (T133)									1	1		1							\vdash	一	
Electronic Instrumentation & Control Engineering - (T231)									1	1		1							\vdash	一	
Electronics & Communication Engineering - (T135)									1	1		1							-	\sqcap	
Electronics & Control Systems - (T234)	1				t	1	 		1	1		1							\vdash	\sqcap	
Electronics & Electrical Communication Engineering - (T235)							1		1	1		1							$\vdash \vdash$	\sqcap	
Electronics & Electrical Engineering - (T236)							1		1	1		1							$\vdash \vdash$	\sqcap	
Electronics & Instrumentation Engineering - (T136)							1		1	1		1							$\vdash \vdash$	\sqcap	
Electronics & Power Engineering - (T238)	+		 	-	 	1	1		1	_		1		-					$\vdash \vdash$	\vdash	-
Lieutonius & Fower Linginieering - (1236)	l		<u> </u>		<u> </u>	1	<u> </u>	<u> </u>	т	L 1	I l	т						I	ш	\square	

Row Labels	ΑE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Electronics & Telecom Engineering - (T137)									1	1		1									
Electronics Communication & Instrumentation Engine - (T240)									1	1		1									
Electronics Engineering - (T138)									1	1		1								\neg	
Electronics Instrument & Control - (T242)									1	1		1									
Instrumentation & Control Engineering - (T150)									1	1		1									
Instrumentation & Process Control - (T270)									1	1		1								\neg	
Instrumentation Engineering - (T151)									1	1		1								\neg	
Power Engineering - (T300)									1	1		1									
Mechanical Engineering - (ME)																				\neg	
Mechanical Engineering - (ME)																				\neg	
G1																				\neg	
Mechanical Engineering - (T158)														1						\neg	
Textile Engineering - (TE)																				\neg	
Textile Technology and Management - (TX)																				\dashv	
G1																				\neg	\neg
Fashion & Apparel Engineering - (T249)																			1	\neg	
Fashion & Clothing Technology - (T250)																			1	\dashv	
Fashion Technology - (T251)																			1	\dashv	
Fibres & Textiles Processing Technology - (T252)																			1	\dashv	
Man-Made Textile Technology - (T273)																			1	\dashv	
Textile Chemistry - (T317)																			1	\dashv	
Textile Engineering & Fibre Science - (T318)						1													1	\dashv	
Textile Engineering/Technology - (T182)						1													1	\dashv	
Textile Processing - (T320)						1													1	\dashv	
Malaviya National Institute of Technology Jaipur - (JP)																				\dashv	
Architecture & Planning - (AP)																				\dashv	
Urban Planning - (UP)																			\Box	\dashv	
G1																				\dashv	
Architecture - (A407)			1		1														\neg	\dashv	
Architecture - (T107)			1		1	1													\Box	\rightarrow	
Architecture & Regional Planning - (A409)			1		1															\dashv	
Architecture & Regional Planning - (T193)			1		1														\dashv	\dashv	
Architecture Assistantship - (A403)			1		1														\dashv	\dashv	
B. Arch (A401)			1		1	-													\dashv	\dashv	
B. Planning - (A402)			1		1														\dashv	\dashv	
Building & Construction Technology - (T114)			1		1														\vdash	\dashv	
Civil Engineering - (T118)	+-		1		1														\dashv	\rightarrow	
Civil Environmental Engineering - (T119)	+-		1		1														\dashv	\dashv	
Construction Engineering - (T125)			1		1	-													_	\longrightarrow	
Construction Tengineering - (1125) Construction Technology - (T126)	+		1		1		 	1			\vdash			1					\dashv	\dashv	
Planning - (A408)	-	-	1		1		1	-			\vdash			-		-			\dashv	\dashv	
Planning - (T171)	+	-	1		1		 	 			\vdash			-	-				\dashv		
Town & Country Planning - (A405)	+	-	1		1		 	 			\vdash			-	-				\dashv		
Town & Country Planning - (A405) Town & Country Planning - (T322)	+	-	1		1	-	 	 			\vdash			-	-				\dashv		
, , , ,	-	-			<u> </u>	-	 	 			\vdash			 	-				\dashv		
Town Planning - (A404)			1		1	· [<u> </u>							<u> </u>	<u> </u>						

Row Labels	ΑE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Town planning - (T183)			1		1																
Transportation Urban planning - (T185)			1		1															\neg	
Centre for Energy & Environment - (CY)																					
Renewable Energy - (RE)																					
G1																					
Applied Physics - (S503)										1				1			1				
Architectural Engineering - (A406)			1		1																
Architectural Engineering - (T106)			1		1															\neg	i
Architecture - (A407)			1		1															\neg	
Architecture - (T107)			1		1															\neg	
Automobile Engineering - (T108)														1					П	\neg	
Biochemical Engineering - (T109)				1		1													П	\neg	
Biotech Engineering - (T112)				1																\dashv	
Biotechnology - (T113)	1			1															H	\dashv	
Chemical & Polymer Engineering - (T205)						1														\dashv	
Chemical Engineering - (T117)						1														\dashv	
Civil Engineering - (T118)					1														H	\dashv	Γ
Civil Engineering & Planning - (T208)					1														H	\dashv	Γ
Civil Environmental Engineering - (T119)					1														H	\dashv	_
Control & Electrical Engineering - (T128)	+				_	1				1									\vdash	\dashv	
Electrical & Instrumentation Engineering - (T228)	+					1				1									\vdash	\dashv	$\overline{}$
Electrical & Electronics Engineering - (T129)	+					1				1									\vdash	\dashv	
Electrical & Instrumentation Engineering - (T130)	+					1				1									\vdash	\dashv	
Electrical & Power Engineering - (T229)	+					1				1									\vdash	\rightarrow	
Electrical Engineering - (T131)										1									H	\dashv	
Electrical Engineering - (1131) Electrical Engineering & Industrial Control - (T227)										1									Н	\dashv	_
Electrical Engineering & Modernal Control - (1227)										1									Н	\dashv	_
Electrical Power Engineering (1982)										1									Н	\dashv	_
Electro-Chemical Engineering - (T133)	+					1				1									\vdash	\dashv	
Energy Engineering - (T139)										1				1					Н	\dashv	
Energy Science & Engineering - (T244)										1									Н	\dashv	$\overline{}$
Engineering Physics - (\$534)	+					1				1				1			1		\vdash	\dashv	_
Engineering Physics - (T141)	+					1				1				1			1		\vdash	\dashv	_
Engineering Physics & Instrumentation - (S535)			-			-			-	1				1			1		\vdash	\longrightarrow	
Environmental Engineering - (T142)			-		1	. 1			-								1		\vdash	\longrightarrow	
Environmental Science & Engineering/Technology - (T248)					1														\vdash	\dashv	
						. 1								1					\vdash	\dashv	
Industrial & Production Engineering - (T145)						-								1					\vdash	\dashv	
Industrial Engineering - (T146)	-					-						-							\vdash		
Industrial Engineering & Management - (T147)	-	<u> </u>	1			 	-	 	<u> </u>		\vdash			1					Н		
Industrial Manufacturing Engineering - (T144)	-	<u> </u>	1			 	-	 	<u> </u>		\vdash					_			Н		
Industrial Metallurgy - (T148)	1	ļ				1								1		1			Ш		
Manufacturing Engineering/Technology - (T155)	1	<u> </u>	1			1	1	-	<u> </u>		\vdash			1		<u> </u>			Ш		
Material Science & Engineering/Technology - (T157)	4	<u> </u>	1		<u> </u>	<u> </u>	1	 	<u> </u>		\sqcup			1		1			Н		Н—
Material Science & Metallurgical Engineering - (T277)	4		1			<u> </u>					\sqcup					1			Ш		
Materials & Metallurgical Engineering - (T278)																1			Ш		Щ.

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Mechanical & Automation Engineering - (T279)														1							
Mechanical Engineering - (T158)														1							
Mechanical Engineering Automobile - (T280)														1							
Metallurgical & Materials Engineering - (T160)																1					
Metallurgical & Materials Technology - (T161)																1					
Metallurgical Engineering - (T162)																1					
Metallurgical Engineering & Material Science - (T163)																1					
Metallurgy - (T164)																1					
Physics - (S523)										1				1			1				
Power Control & Drives - (T299)										1											
Power Electronics - (T175)										1											
Power Engineering - (T300)										1											
Production & Industrial Engineering - (T176)														1							
Production Engineering - (T177)														1							
Production Engineering & Management - (T178)														1							
Renewable Energy - (T179)										1				1							
Solar & Alternate Energy - (T314)										1				1					\vdash	\vdash	
Chemical Engineering - (CH)																			\vdash	\vdash	
Chemical Engineering - (CE)																			$\vdash \vdash$	\vdash	
G1																			\vdash	\vdash	
Chemical & Polymer Engineering - (T205)						1													\vdash	\vdash	
Chemical Engineering - (T117)						1													\vdash	\vdash	
Chemical Technology - (T207)						1													\vdash	\vdash	
G2	1						1												\vdash	\vdash	
Biochemical Engineering - (T109)	1			1		1													\vdash	1	
Bioengineering - (T197)	-			1		1													\vdash	1	
Biotech Engineering - (T112)				1		1													\vdash	1	
Biotechnology - (T113)				1		1													\vdash	1	
Biotechnology & Biochemical Engineering - (T201)	-			1		1													\vdash	1	
Chemical & Polymer Engineering - (T205)	-					1													\vdash		
Chemical Engineering - (T117)						1													\vdash	\vdash	
Chemical Technology - (T207)						1													\vdash	\vdash	
Dairy Technology - (T225)				1		1													\vdash	1	
Environment & Pollution Control - (T247)	-			1		1													\vdash	1	
Environmental Engineering - (T142)	-			1		1													\vdash	1	
Food Engineering/Technology - (T254)				1		1													\vdash	1	
	-			1		-		-											\vdash	1	_
Industrial Biotechnology - (T262)	1		-	1		1		 											$\vdash \vdash$	1	
Leather Technology - (T154)				1		1		1		1	\vdash				1				$\vdash \vdash$	1	
Material Science & Engineering/Technology - (T157)			-	1		1		 		-									$\vdash \vdash$	1	
Nanotechnology - (T168)	-		-	1	-			 	-	-	\vdash		-		-		-		$\vdash \vdash$	1	
Oil & Paint Technology - (T291)	-		-		<u> </u>	1		<u> </u>		-					-				\sqcup	_	
Oil Technology - (T292)			<u> </u>	1	<u> </u>	1		 		<u> </u>									\square	1	
Oils & Oleochemicals & Surfactants Technology - (T293)			<u> </u>	1	<u> </u>	1		 		<u> </u>									\square	1	
Paint Technology - (T295)	1		 	1	<u> </u>	1		<u> </u>		 					1				Ш	1	—
Petro-Chemical Engineering/Technology - (T170)				1		1													Ш	1	ı

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN I	MA	ME	MN	MT	РН	PI	TF	XE	XL
Petroleum Engineering/Technology - (T296)				1		1														1	
Plastic & Polymer Engineering - (T297)				1		1														1	
Plastics Engineering/Technology - (T298)				1		1														1	
Polymer Science & Rubber Technology - (T172)				1		1														1	
Polymer Science & Technology - (T173)				1		1														1	
Polymer Technology - (T174)				1		1														1	
Pulp & Paper Engineering - (T305)				1		1														1	
Pulp Technology - (T306)				1		1														1	
Rubber Technology - (T308)				1		1														1	
Surface Coating Technology - (T315)				1		1														1	
Civil Engineering - (CE)																				\neg	
Disaster Assessment and Mitigation - (DA)																				\neg	
G1																				\neg	
Agriculture Engineering - (T103)					1	. 1														\neg	
Chemical Engineering - (T117)					1	. 1														\neg	
Civil Engineering - (T118)					1	_														\neg	
Civil Engineering & Planning - (T208)					1	. 1														\neg	
Civil Technology - (T209)			1		1	. 1		1												\dashv	
Computer Technology - (T124)			1		1			1												\dashv	
Construction Engineering - (T125)			1		1	1		1												\dashv	
Construction Technology - (T126)			1		1			1												\dashv	
Irrigation Engineering - (T153)			1		1	4	4	1												\dashv	
Water Management - (T186)			1		1	4	4	1												\dashv	
Environmental Engineering - (EV)					1 -	1 -	1													$\overline{}$	
G1																					
Agriculture Engineering - (T103)				1	. 1	. 1								1						_	
Biotech Engineering - (T112)				1	. 1	. 1								1						\neg	
Biotechnology - (T113)				1	. 1	. 1								1						\neg	
Biotechnology & Biochemical Engineering - (T201)				1	. 1	. 1								1						\neg	
Chemical Engineering - (T117)				1	. 1	. 1								1						\neg	
Chemical Technology - (T207)				1	. 1	. 1								1						\neg	
Civil Engineering - (T118)				1	. 1	. 1								1						\neg	
Civil Engineering & Planning - (T208)				1	. 1	. 1								1						\neg	
Civil Environmental Engineering - (T119)				1	. 1	. 1								1						\neg	
Civil Technology - (T209)				1	. 1	. 1								1						\neg	
Computer Technology - (T124)				1	. 1	. 1								1						\neg	
Environment & Pollution Control - (T247)				1	. 1	. 1								1						\neg	
Environmental Science & Engineering/Technology - (T248)				1		_								1						\neg	
Mechanical Engineering - (T158)				1	. 1	. 1								1						\neg	
Structural Engineering - (SU)			1					1												\dashv	
G1	\top		1			1		1												$\overline{}$	
Applied Mechanics - (T192)	1	 	+		1	1	t	1	t											\dashv	
Building & Construction Technology - (T114)	+		1		1			t													
Civil Engineering - (T118)	+		1		1			t													
Civil Engineering & Planning - (T208)			+	1	1	4	1	1	1	1										\dashv	

Row Labels	ΑE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	РН	PI	TF	XE	XL
Civil Technology - (T209)					1																
Computer Aided Design of Structures - (T212)					1															\neg	
Construction Engineering - (T125)					1															\neg	
Construction Technology - (T126)					1																
Structural Engineering - (T180)					1															\neg	
Transportation Engineering - (TE)																				\neg	
G1																				\neg	
Civil Engineering - (T118)					1																
Civil Engineering & Planning - (T208)					1															\neg	
Civil Technology - (T209)					1															\neg	
Construction Engineering - (T125)					1															\neg	
Construction Technology - (T126)					1															\neg	
Highway Engineering - (T143)					1															\neg	
Transportation Engineering - (T184)					1															\dashv	
Transportation Urban planning - (T185)					1															\neg	
Water Resources Engineering - (WR)																				\neg	
G1																				\dashv	
Agriculture Engineering - (T103)					1															\dashv	
Civil Engineering - (T118)					1														\dashv	\dashv	
Civil Engineering & Planning - (T208)					1														_	\dashv	
Civil Technology - (T209)			1		1														\dashv	\dashv	
Irrigation Engineering - (T153)			1		1														\dashv	\dashv	
Water Management - (T186)	+				1	-													\dashv	\dashv	
Computer Engineering - (CX)	+				-	1													\dashv	\dashv	
Computer Engineering - (CK) Computer Engineering - (XE)	+																		\dashv	\dashv	
G1																			\dashv	\dashv	
Applied Electronics & Instrumentation Engineering - (T104)							1												\dashv	\dashv	
Applied Electronics & Tist differentiation Engineering (1104) Applied Electronics & Telecommunication Engineerin - (T191)							1												\dashv	\dashv	
Communication Engineering - (T210)							1												\dashv	\dashv	
Computer & Communication Engineering - (T211)							1	1											\dashv	\dashv	
Computer Engineering - (T120)							1												\dashv	\longrightarrow	
Computer Engineering - (1120) Computer Engineering & Application - (T213)	-						1												_	\dashv	
Computer Engineering & Application - (1215) Computer Networking - (T214)	-						1	1											_	\dashv	
Computer Networking - (1214) Computer Science - (T121)	-		-	-		-	1												_		
Computer Science - (1121) Computer Science & Engineering - (T122)	-		-	-		-	1												_		
, , ,							1														
Computer Science & Information Technology - (T123)	-						1													\longrightarrow	
Computer Science & Systems Engineering - (T215)	-						1	1												\longrightarrow	
Computer Science & Technology - (T216)	-						_	1												\longrightarrow	
Computer Technology - (T124)	-		1	-		1	1	1	-			-+							_		
Computing in Computing - (T217)	-		1	-		1	1	1				\dashv							\dashv		
Computing in Multimedia - (T218)	-			<u> </u>	<u> </u>		1												\dashv		
Computing in Software - (T219)	-	<u> </u>	1	<u> </u>	<u> </u>	1	1														
Electrical & Instrumentation Engineering - (T228)	-	<u> </u>	1	<u> </u>	<u> </u>	1	1														
Electrical & Electronics Engineering - (T129)			1	ļ		1	1														
Electrical & Instrumentation Engineering - (T130)							1														

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	МТ	РН	PI	TF	XE	XL
Electrical & Power Engineering - (T229)							1												П	\neg	
Electrical Engineering - (T131)							1	L												\neg	
Electrical Engineering & Industrial Control - (T227)							1	L												\neg	
Electrical Engineering (Power) - (T132)							1	L												\neg	
Electrical Instrumentation & Control Engineering - (T230)							1	L												\neg	
Electrical Power Engineering - (T133)							1	L												\neg	
Electronic Instrumentation & Control Engineering - (T231)							1	L												\neg	<u> </u>
Electronics & Communication Engineering - (T135)							1	L												\neg	<u> </u>
Electronics & Computer Engineering - (T233)							1	L												\dashv	
Electronics & Control Systems - (T234)							1	L											П	\neg	
Electronics & Electrical Communication Engineering - (T235)							1	L											П	\neg	
Electronics & Electrical Engineering - (T236)							1	L											П	\neg	
Electronics & Information Systems - (T237)							1	L											П	\neg	
Electronics & Instrumentation Engineering - (T136)							1	L											П	\neg	
Electronics & Power Engineering - (T238)							1												H	\dashv	<u> </u>
Electronics & Telecom Engineering - (T137)							1												H	\dashv	<u> </u>
Electronics & Telematics Engineering - (T239)							1												H	\dashv	
Electronics Communication & Instrumentation Engine - (T240)							1												H	\dashv	
Electronics Design Technology - (T241)							1												H	\dashv	
Electronics Engineering - (T138)							1												H	\dashv	
Electronics Instrument & Control - (T242)							1												H	\dashv	
Electronics Science & Engineering - (T243)							1												H	\dashv	
Industrial Electronics - (T263)							1												H	\dashv	
Information & Communication Technology - (T265)							1												H	\dashv	
Information Engineering - (T266)							1												H	\dashv	
Information Science - (T267)							1												\vdash	\dashv	
Information Science & Engineering/Technology - (T268)							1												H	\dashv	
Information Technology - (T149)							1	1											H	\dashv	
Power Electronics - (T175)							1												H	\dashv	
Software Engineering - (T313)							1												H	\dashv	
Telecommunication Engineering - (T181)							1												H	\dashv	
VLSI System Design - (T323)							1												\vdash	\dashv	
Electrical Engineering - (EE)							1 -												H	\dashv	
Power System Engineering - (PS)							1	1											\vdash	\dashv	
G1							1	1											\vdash	\dashv	
Electrical Engineering - (T131)							1	1		1									\vdash	\dashv	
Electronics & Communication Engineering - (EC)							1	1		_									\vdash	\dashv	
Electronics & Communication Engineering - (EG)		-	-			1	+	+		1									\vdash	\longrightarrow	
G1		-	-			1	+	+		1									\vdash	\longrightarrow	
Any of the above disciplines in B.E./B.Tech. degre - (T999)		\vdash	-		 	+	\vdash	+	1	 	\vdash			 			-	-	H	\dashv	
Any of the above disciplines in B.E., B. Feth. degree - (1599) Any of the above disciplines in M.Sc. Degree - (5599)		-	-			1	+	+	1	-									\vdash	\longrightarrow	
VLSI Design - (VN)		-	-			1	1	+	 	 	\vdash								\vdash	\dashv	
G1			-		 	1	1	+	 	 	\vdash						-	-	\vdash	\dashv	
Any of the above disciplines in B.E./B.Tech. degre - (T999)			-		l -	1	1	1	1	 							-	-	Н	\dashv	
Any of the above disciplines in B.E./ B. Feth. degree - (1599) Any of the above disciplines in M.Sc. Degree - (5599)			-		1	-	1-	+	1		\vdash	-		-	-	-	-	-	\vdash	\dashv	
Any of the above disciplines in M.Sc. Degree - (2533)		1		1		<u> </u>	1	1	1								l	l	ш		

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
G2																					
Any of the above disciplines in B.E./B.Tech. degre - (T999)									1											\neg	Ī
Communication Engineering - (T210)							1														Ī
Computer & Communication Engineering - (T211)							1														
Computer Engineering - (T120)							1														
Computer Engineering & Application - (T213)							1														
Computer Networking - (T214)							1													\neg	i
Computer Science - (T121)							1													\neg	i
Computer Science & Engineering - (T122)		1					1													\neg	<u> </u>
Computer Science & Information Technology - (T123)		1					1													\neg	
Computer Science & Systems Engineering - (T215)		1					1													\neg	<u> </u>
Computer Science & Technology - (T216)							1													\neg	
Computer Technology - (T124)							1													\neg	
Computing in Computing - (T217)							1													\neg	
Information & Communication Technology - (T265)							1													\dashv	f
Mechanical Engineering - (ME)																				\dashv	
Energy Engineering - (EY)																				\dashv	
G1		1																		\dashv	<u> </u>
Energy Engineering - (T139)														1				1		\dashv	
Energy Science & Engineering - (T244)														1				1		\dashv	$\overline{}$
Mechanical & Automation Engineering - (T279)														1				1		\dashv	$\overline{}$
Mechanical Engineering - (T158)														1				1		\dashv	$\overline{}$
Mechanical Engineering (1130) Mechanical Engineering Automobile - (T280)								1						1				1		\dashv	1
Renewable Energy - (T179)								1						1				1		\dashv	1
Manufacturing System Engineering - (MY)														_				_		\dashv	$\overline{}$
G1		1																		\rightarrow	
Advanced Manufacturing & Mechanical Systems Design - (T187)		1	-											1				1		\dashv	
Industrial & Production Engineering - (T145)								1						1				1		\dashv	1
Industrial Engineering - (T146)		1												1				1		\rightarrow	
Industrial Engineering & Management - (T147)		1	-											1				1		\dashv	
Mechanical & Automation Engineering - (T279)		1	-											1				1		\dashv	
Mechanical Engineering Automobile - (T280)		1	-											1				1		\dashv	
Production & Industrial Engineering - (T176)		1												1				1		\rightarrow	
Production Engineering - (1177)														1				1	\vdash	\dashv	
Production Engineering & Management - (T178)														1				1	\vdash	\dashv	
Metallurgical & Materials Engineering - (MT)																			\vdash	\dashv	
Metallurgical & Materials Engineering - (MM)								-											\vdash	\dashv	
G1				-	-	1	<u> </u>	1	-	-		\rightarrow							$\vdash \vdash$	\dashv	
Material Science & Engineering/Technology - (T157)		-	-	<u> </u>	<u> </u>	-	<u> </u>	1-		-						1			H	1	
Material Science & Engineering/Technology - (1157) Material Science & Metallurgical Engineering - (T277)		-	-	<u> </u>	<u> </u>	-	<u> </u>	1-		-						1			H	1	
Materials & Metallurgical Engineering - (1277) Materials & Metallurgical Engineering - (T278)		1	+	 	 	-		+	-	-	\vdash			-		1			\vdash	1	
		-				1	ļ	1		1						1			$\vdash \vdash$	1	
Metallurgical & Materials Engineering - (T160)		_	-	<u> </u>	<u> </u>	1	<u> </u>	 	<u> </u>	-									$\vdash \vdash$	1	
Metallurgical & Materials Technology - (T161)	_	_	-	ļ	ļ	<u> </u>		1		-						1			$\vdash \vdash$	1	
Metallurgical Engineering - (T162)		-		ļ	ļ		ļ									1			${oxdot}$		
Metallurgical Engineering & Material Science - (T163)																1			Ш	1	

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	МТ	РН	PI	TF	XE	XL
Metallurgy - (T164)																1				1	1
G2																					l
Applied Physics - (S503)						1		1						1		1	1	1		1	1
Ceramic & Glass Technology - (T202)						1		1						1		1	1	1		1	Ī
Ceramic Engineering - (T116)						1		1						1		1	1	1		1	Ī
Ceramic Engineering & Technology - (T203)						1		1						1		1	1	1		1	Ī
Ceramic Technology - (T204)						1		1						1		1	1	1	П	1	Ī
Chemical & Polymer Engineering - (T205)						1		1						1		1	1	1		1	
Chemical Engineering - (T117)						1		1						1		1	1	1		1	i
Chemical Technology - (T207)						1		1						1		1	1	1		1	i
Chemistry - (S508)						1		1						1		1	1	1	ΙT	1	<u> </u>
Electro-Chemical Engineering - (T134)						1		1						1		1	1	1	ΙT	1	<u> </u>
Engineering Physics - (S534)						1		1						1		1	1	1	ΙT	1	<u> </u>
Engineering Physics - (T141)						1		1						1		1	1	1	ΙT	1	<u> </u>
Industrial & Production Engineering - (T145)						1		1						1		1	1	1	H	1	
Industrial Engineering - (T146)						1		1						1		1	1	1	H	1	
Industrial Manufacturing Engineering - (T144)						1		1						1		1	1	1	H	1	
Industrial Metallurgy - (T148)						1		1						1		1	1	1	H	1	
Manufacturing Engineering/Technology - (T155)						1		1						1		1	1	1	H	1	
Manufacturing Process - (T274)						1	-	1						1		1	1	1	H	1	
Manufacturing Science & Engineering - (T275)						1		1						1		1	1	1	H	1	
Material Science & Engineering /Technology - (T157)						1		1						1		1	1	1	\vdash	1	Г
Material Science & Metallurgical Engineering - (T277)						_		_						_		1	_	_	\vdash	1	Г
Materials & Metallurgical Engineering - (T278)																1			\vdash	1	Г
Materials Science - (S518)						1		1						1		1	1	1	\vdash	1	Г
Mechanical Engineering - (T158)	+		1			1		1						1		1		1	一	1	
Metallurgical & Materials Engineering - (T160)	+		1			_		-						_		1	_	_	一	1	
Metallurgical & Materials Technology - (T161)	+		1													1			一	1	$\overline{}$
Metallurgical Engineering - (T162)	+		1													1			一	1	
Metallurgical Engineering & Material Science - (T163)	+		1													1			一	1	$\overline{}$
Metallurgy - (T164)	+		1													1			一	1	$\overline{}$
Mineral Beneficiation - (S520)						1		1						1		1	1	1	\vdash	1	$\overline{}$
Mineral dressing - (S545)						1	-	1						1		1	1	1	\vdash	1	
Mineral Dressing (33-3)	-					1		1						1		1	1	1	H	1	
Mineral Engineering - (T286)	-					1		1						1		1	1	1	H	1	
Mineral Processing - (T165)						1		1						1		1	_	1	\vdash	1	_
Nano Science & Technology - (S546)						1		1						1		1	1	1	\vdash	1	_
Ore-dressing - (S521)						1		1						1		1	1	1	\vdash	1	_
Physics - (S523)			1			1		1					-	1		1	1	1	\vdash	1	
Polymer Science & Technology - (T173)			1			1		1					-	1		1	1	1	\vdash	1	
Production & Industrial Engineering - (T175) Production & Industrial Engineering - (T176)	+		+			1		1						1		1	_	1	\vdash	1	
Production & industrial Engineering - (1176) Production Engineering - (1177)			-	-		1		1					-	1		1	1	1	\vdash	1	
Surface Coating Technology - (T315)	-		+			1		1						1		1	1	1	$\vdash \vdash$	1	
			+			1								1		1	1	1	$\vdash \vdash$		
Maulana Azad National Institute of Technology Bhopal - (BH)		1	1-	<u> </u>			<u> </u>	<u> </u>									<u> </u>		\vdash		<u> </u>
Applied Mechanics - (AM)			1																Ш		1

Row Labels	ΑE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Engineering Materials - (EL)																					
G1																					
Aeronautical Engineering - (T101)	1				1									1							
Civil Engineering - (T118)	1				1									1							
Mechanical Engineering - (T158)	1				1									1							
Stress & Vibration Analysis - (SV)																					
G1																					
Aeronautical Engineering - (T101)	1				1									1							
Civil Engineering - (T118)	1				1									1							
Mechanical Engineering - (T158)	1				1									1							
Architecture & Planning - (AP)																				\neg	
Housing - (HO)																				\neg	
G1																				\neg	
B. Arch (A401)			1																	\neg	
Civil Engineering - (T118)	1		 		1															\dashv	
Planning - (A408)	1		1																	\dashv	
Urban Development - (UD)			_																H	\dashv	
G1																			H	\dashv	
B. Arch (A401)	1		1																\vdash	\dashv	
Civil Engineering - (T118)	1		1		1															\dashv	
Planning - (A408)	1		1			-														\dashv	
Chemical Engineering - (CH)	1		_																	\dashv	
Biotechnology - (BT)	1																			\dashv	
G1	-																		\vdash	-	
Biotech Engineering - (T112)				1		1														\dashv	
Biotechnology - (T113)				1		1													\vdash	\dashv	
Chemical Engineering - (T117)				1		1	1												\vdash	\dashv	
Chemical Process Design - (CD)																			\vdash	\dashv	
G1	1																		\vdash	\dashv	
Chemical Engineering - (T117)						1													\vdash	\dashv	
Civil Engineering - (CE)																			\vdash	\dashv	
Environmental Engineering - (EV)																			\vdash	\dashv	
G1	1																		\vdash	\dashv	
Chemical Engineering - (T117)	-				1	. 1													\vdash	\dashv	
Civil Engineering - (T117)	-		-	-	1			-											\vdash		<u> </u>
Environmental Engineering - (T142)	-				1														\vdash	\longrightarrow	
	-				1	. 1													\vdash		—
Geoinformatics - (GI)	1-		1	-		1	1	 	-			-		1					\vdash		
G1	╂—		<u> </u>	<u> </u>	_	<u> </u>	 	<u> </u>											Н		
Civil Engineering - (T118)	1-		1	-	1	-	1	-						-					$\vdash \vdash$		
Computer Science & Engineering - (T122)	-		-	 		-		-											Н		—
Computer Science & Information Technology - (T123)	1						1												Щ		
Information Technology - (T149)	1		1	ļ		1	1	<u> </u>						1					Щ		—
Geotechnical Engineering - (GE)	1		_	<u> </u>		_	<u> </u>	<u> </u>											Щ		—
G1	1			<u> </u>			<u> </u>	<u> </u>											Ш		
Civil Engineering - (T118)	1				1																

Row Labels	ΑE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Hydro Power Engineering - (HE)																			П		
G1																					
Civil Engineering - (T118)					1									1							
Mechanical Engineering - (T158)					1									1							
Structural Engineering - (SU)																					
G1																					
Civil Engineering - (T118)					1																
Structural Engineering - (T180)					1																
Transportation Engineering - (TE)																				\neg	
G1																				\neg	
Civil Engineering - (T118)					1															\neg	
Transportation Engineering - (T184)					1															\neg	
Water Resources Engineering - (WR)																				\neg	
G1	1																		一	\dashv	
Agriculture Engineering - (T103)	1	1			1														一	\dashv	
Civil Engineering - (T118)		1			1															\neg	
Computer Science & Engineering - (CT)																				\neg	
Advanced Computing - (AC)																				\neg	
G1																				\dashv	
Computer Engineering - (T120)							1													\neg	
Computer Science - (T121)	1						1												\Box	\dashv	
Computer Science & Information Technology - (T123)	1						1	1											\Box	\dashv	
Computer Technology - (T124)	1						1												\Box	\dashv	
Information Technology - (T149)	1						1												\Box	\dashv	
Computer Networking - (XW)	1						<u> </u>												\Box	\dashv	
G1																			\neg	\dashv	
Computer Engineering - (T120)							1												\neg	\dashv	
Computer Science - (T121)							1												\neg	\dashv	
Computer Science & Information Technology - (T123)	1						1												\Box	\dashv	
Computer Technology - (T124)							1	1											\neg	\dashv	
Information Technology - (T149)							1												\neg	\dashv	
Information Security - (IS)	1						<u> </u>												\Box	\dashv	
G1																			\Box	\dashv	
Computer Engineering - (T120)							1												\neg	\dashv	
Computer Science - (T121)							1												\neg	\dashv	
Computer Science & Information Technology - (T123)							1												\neg	\dashv	
Computer Technology - (T124)							1												\neg	\dashv	
Information Technology - (T149)							1	1											\neg	\dashv	
Electrical Engineering - (EE)							 -												\neg	\dashv	
Electrical Drives - (ED)	1							<u> </u>											一	\dashv	
G1	1					1	<u> </u>												\dashv	\dashv	
Electrical & Electronics Engineering - (T129)	1-	-	-	-		1	1	1	1	1				-		 			\dashv	\dashv	
Electrical Engineering - (T131)	1					1	1		1										\dashv	\dashv	
Electronics & Instrumentation Engineering - (T136)	+							1	1	1									\dashv	\longrightarrow	
Instrumentation & Control Engineering - (1130)	1					1	 	 	1										\dashv	\rightarrow	
instrumentation a control engineering - (1150)	1							1	L	1						l					

Power System Engineering - (173)	Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	МТ	РН	PI	TF	XE	XL
Electrical & Electronics Engineering - (T131)	Power System Engineering - (PS)																			П		
Electronics Communication Engineering - (EC)	G1																					
Electronics Communication Engineering - (EC)	Electrical & Electronics Engineering - (T129)										1											
Digital Communication - (OC)	Electrical Engineering - (T131)										1											
G1	Electronics & Communication Engineering - (EC)																					
Electronics & Communication Engineering - (T135)	Digital Communication - (DC)																					
Electronics & Telecom Engineering - (T137)	G1																					
Electronics & Telecom Engineering - (T137)	Electronics & Communication Engineering - (T135)									1	1											
Electronics Engineering - (T138)										1	1											
Telecommunication Engineering - (T181)										1	1											
VLSR Embedded Systems - (VS) G1										1	1										\neg	
G1																					\neg	
Electronics & Telecom Engineering - (T138)																					\neg	
Electronics & Telecom Engineering - (T138)	Electronics & Communication Engineering - (T135)									1	1										\neg	
Electronics Engineering - (T138)										1	1										\neg	<u> </u>
Telecommunication Engineering - (T181) Energy - (EN) Green Technology - (GT) G1 Any of the above disciplines in B.E./B.Tech. degre - (T999) Renewable Energy - (RE) G1 Chemical Engineering - (T117) Civil Engineering - (T118) Electrical Engineering - (T131) Electrical Engineering - (T131) Electrical Engineering - (T132) Electrical Engineering - (T133) Mechanical Engineering - (T133) Mechanical Engineering - (T158) Material Science & Metallurgy - (MS) Material Science & Erchnology - (MH) G1 Material Science & Engineering / (T158) Metallurgical Engineering - (T158) Metallurgical Engineering - (T158) Metallurgical Engineering - (T160) Metallurgical Engineering - (T160) Metallurgical Engineering & Material Science - (T163)										1	1										\dashv	
Energy - (EN) Green Technology - (GT) G1 G1 G1 G1 G1 G1 G1 G																				\Box	\dashv	
Green Technology - (GT)																				\Box	\dashv	
Any of the above disciplines in B.E./B.Tech. degre - (T999)																				\Box	\dashv	
Renewable Energy - (RE) G1 Chemical Engineering - (T117) Civil Engineering - (T118) Electrical Engineering - (T131) Electrical Engineering - (T131) Electrical Engineering - (T132) Electrical Engineering - (T133) Electrical Power Engineering - (T133) Mechanical Engineering - (T133) Mechanical Engineering - (T158) Material Science & Metallurgy - (MS) Material Science & Technology - (MH) G1 Material Science & Engineering - (T158) Metallurgical Engineering - (T158) Metallurgical Engineering - (T160) Metallurgical Engineering - (T162) Metallurgical Engineering - (T164) Metallurgical Engineering & Material Science - (T163) Metallurgical Engineering & Material Science - (T163) Metallurgical Engineering & Material Science - (T164) Metallurgical Engineering & Material Science - (T163)																				\Box	\dashv	<u> </u>
Renewable Energy - (RE) G1 Chemical Engineering - (T117) Civil Engineering - (T118) Electrical Engineering - (T131) Electrical Engineering (Power) - (T132) Electrical Figineering - (T133) Electrical Figineering - (T133) Electrical Power Engineering - (T133) Electrical Power Engineering - (T133) Electrical Power Engineering - (T158) Electrical Engineering	~-					1	1				1				1					\neg	\dashv	i
G1 Chemical Engineering - (T117)	, , ,						 -								_					\neg	\dashv	i
Chemical Engineering - (T117)																				\Box	\dashv	i
Civil Engineering - (T118)	Chemical Engineering - (T117)					1	. 1				1				1						\neg	
Electrical Engineering - (T131) Electrical Engineering (Power) - (T132) Electrical Power Engineering - (T133) Mechanical Engineering - (T133) Mechanical Engineering - (T158) Material Science & Metallurgy - (MS) Materials Science & Technology - (MH) G1 Material Science & Engineering/Technology - (T157) Mechanical Engineering - (T158) Metallurgical Engineering - (T160) Metallurgical & Materials Engineering - (T161) Metallurgical Engineering & (T162) Metallurgical Engineering & Material Science - (T163) Bio-informatics - (BI) Bio-informatics - (BI)						1	. 1				1				1						\neg	
Electrical Engineering (Power) - (T132)								1			1									\Box	\dashv	
Electrical Power Engineering - (T133)						1	1				1				1					\Box	\dashv	
Mechanical Engineering - (T158) 1						1	1				1				1					\Box	\dashv	
Material Science & Metallurgy - (MS) Materials Science & Technology - (MH) G1 Material Science & Engineering/Technology - (T157) 1 1 Mechanical Engineering - (T158) 1 1 Metallurgical & Materials Engineering - (T160) 1 1 Metallurgical & Materials Technology - (T161) 1 1 Metallurgical Engineering - (T162) 1 1 Metallurgical Engineering & Material Science - (T163) 1 1 Metallurgy - (T164) 1 1 Mathematics - (MA) 1 1 Bio-informatics - (BI) 1 1							-				1									\Box	\dashv	
Materials Science & Technology - (MH) 9																					\neg	
G1 Material Science & Engineering/Technology - (T157) 1 1 1 Mechanical Engineering - (T158) 1 1 1 Metallurgical & Materials Engineering - (T160) 1 1 1 Metallurgical & Materials Technology - (T161) 1 1 1 Metallurgical Engineering - (T162) 1 1 1 Metallurgical Engineering & Material Science - (T163) 1 1 1 Metallurgy - (T164) 1 1 1 Mathematics - (MA) 1 1 1 Bio-informatics - (BI) 1 1 1																					\dashv	
Material Science & Engineering/Technology - (T157) 1 1 1 Mechanical Engineering - (T158) 1 1 1 Metallurgical & Materials Engineering - (T160) 1 1 1 Metallurgical & Materials Technology - (T161) 1 1 1 Metallurgical Engineering - (T162) 1 1 1 Metallurgical Engineering & Material Science - (T163) 1 1 1 Metallurgy - (T164) 1 1 1 1 Mathematics - (MA) 1 1 1 1 Bio-informatics - (BI) 1 1 1 1 1																				\Box	\dashv	
Mechanical Engineering - (T158) 1 1 1 Metallurgical & Materials Engineering - (T160) 1 1 1 Metallurgical & Materials Technology - (T161) 1 1 1 Metallurgical Engineering - (T162) 1 1 1 Metallurgical Engineering & Material Science - (T163) 1 1 1 Metallurgy - (T164) 1 1 1 Mathematics - (MA) 1 1 1 Bio-informatics - (BI) 1 1 1 G1 1 1 1	Material Science & Engineering/Technology - (T157)														1		1				\neg	
Metallurgical & Materials Engineering - (T160) 1 1 1 Metallurgical & Materials Technology - (T161) 1 1 1 Metallurgical Engineering - (T162) 1 1 1 Metallurgical Engineering & Material Science - (T163) 1 1 1 Metallurgy - (T164) 1 1 1 Mathematics - (MA) 1 1 1 Bio-informatics - (BI) 1 1 1															1		1			\Box	\dashv	
Metallurgical & Materials Technology - (T161) 1 1 1 Metallurgical Engineering - (T162) 1 1 1 Metallurgical Engineering & Material Science - (T163) 1 1 1 Metallurgy - (T164) 1 1 1 1 Mathematics - (MA) 9 1 1 1 1 Bio-informatics - (BI) 9 1															1					\neg	\dashv	<u> </u>
Metallurgical Engineering - (T162) 1 1 1 Metallurgical Engineering & Material Science - (T163) 1 1 1 Metallurgy - (T164) 1 1 1 1 Mathematics - (MA) 1 1 1 1 1 Bio-informatics - (BI) 1	3 3 7 7																			\neg	\dashv	<u> </u>
Metallurgical Engineering & Material Science - (T163) 1 1 1 Metallurgy - (T164) 1 1 1 Mathematics - (MA) 0 0 0 0 Bio-informatics - (BI) 0 0 0 0 0 G1 0															_					\neg	\dashv	<u> </u>
Metallurgy - (T164) 1 1 1 Mathematics - (MA) 8io-informatics - (BI) 8io-informatic															_					\neg	\dashv	<u> </u>
Mathematics - (MA)	9 9														<u> </u>					\neg	\dashv	<u> </u>
Bio-informatics - (BI)															_		_			一	\dashv	
G1								1	†											一	\dashv	
	. ,		1	+		 	1	1	1	-	 		-+		-					\dashv	\dashv	
			1		1	1	1	1	 		 		\dashv	1						\dashv	\dashv	
Biotechnology - (S507) 1 1 1			-					1					\dashv							一	\longrightarrow	
Computer Science/IT - (S510)			\vdash	-		 	1				 									一	\dashv	

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	ΧE	XL
Mathematics - (S519)				1			1						1						П		
Computation & System Bioinformatics - (XB)																			ΙT	\neg	
G1																			ı		ŀ
Bioinformatics - (T110)				1			1						1						ΙĪ		Ī
Biotechnology - (S507)				1			1						1						ΙĪ		Ī
Computer Science/IT - (S510)				1			1						1						ΙĪ		Ī
Mathematics - (S519)				1			1						1						ΙĪ		Ī
Mechanical Engineering - (ME)																			ΙĪ		Ī
Industrial Design - (ID)																			ΠŤ	\neg	i
G1																			ΠŤ	\neg	
Industrial & Production Engineering - (T145)														1				1	ΠŤ	\neg	
Industrial Engineering - (T146)														1				1	ιT	\neg	
Mechanical Engineering - (T158)														1				1	ΠŤ	\neg	
Production & Industrial Engineering - (T176)														1				1	ΠŤ	\neg	
Production Engineering - (T177)														1				1	ΠŤ	\neg	i
Maintenance Engineering - (MN)																			ΠŤ	\neg	i
G1																			ΠŤ	\neg	<u> </u>
Industrial & Production Engineering - (T145)														1				1	ΠŤ	\neg	<u> </u>
Industrial Engineering - (T146)														1				1	rt	\dashv	<u> </u>
Mechanical Engineering - (T158)														1				1	ΠŤ	\neg	<u> </u>
Production & Industrial Engineering - (T176)														1				1	ΠŤ	\neg	<u> </u>
Production Engineering - (T177)														1				1	ΠŤ	\neg	<u> </u>
Thermal Engineering - (TI)																			ΠŤ	\neg	<u> </u>
G1						1													ΠŤ	\neg	
Automobile Engineering - (T108)														1					ΠŤ	\neg	i
Mechanical Engineering - (T158)						1								1					ΠŤ	\neg	
Physics - (PH)																			ΠŤ	\neg	
Nanotechnology - (NT)																			ΠŤ		-
G1																			ΠŤ	\neg	
Electrical & Electronics Engineering - (T129)									1	1				1		1	1		ΠŤ	\neg	
Electronics & Communication Engineering - (T135)									1	1				1		1	1		ΠŤ	\neg	
Electronics & Telecom Engineering - (T137)									1	1				1		1	1		ΠŤ	\neg	
Mechanical Engineering - (T158)									1	1				1		1	1		ΙT	\neg	
Physics - (S523)									1	1				1		1	1		ΠŤ	\neg	
Motilal Nehru National Institute of Technology Allahabad - (AL)																			ΙT	\neg	
Applied Mechanics - (AM)																			ΙĪ		Ī
Applied Mechanics - (AM)																			ΠŤ	\neg	
G1						İ								Ì					П	\neg	1
Aeronautical Engineering - (T101)	1				1	LÍ								1				1	ΠŤ		
Aerospace Engineering - (T102)	1				1									1				1	一	\neg	1
Applied Mechanics - (T192)	1				1									1				1	ΠŤ	\neg	Ī
Automotive Engineering - (T195)	1				1									1				1	ΠŤ		1
Automotive Technology - (T196)	1				1	L								1				1	П	\neg	
Civil Engineering - (T118)	1				1									1				1	ΠŤ		
Civil Engineering & Planning - (T208)	1			İ	1	L								1				1	ı		ı

Row Labels	AE	AG	i AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME MN	MT	РН	PI	TF	XE	XL
Civil Technology - (T209)	1	L			1	_								1			1			
Computer Aided Design of Structures - (T212)	1	L			1									1			1			
Industrial & Production Engineering - (T145)	1	L			1									1			1			
Mechanical & Automation Engineering - (T279)	1	L			1									1			1			
Mechanical Engineering - (T158)	1	L			1									1			1			
Mechanical Engineering Automobile - (T280)	1	L			1									1			1			
Mechatronics - (T159)	1	L			1									1			1			
Naval Architecture - (T288)	1				1									1			1			
Ocean Engineering & Naval Architecture - (T290)	1	L			1									1			1			
Production & Industrial Engineering - (T176)	1	L			1									1			1			
Production Engineering - (T177)	1	L			1									1			1			
Production Engineering & Management - (T178)	1	L			1									1			1			
Structural Engineering - (T180)	1	L			1									1			1			
Biomedical Engineering - (BE)																				
G1																				
Applied Electronics & Instrumentation Engineering - (T104)				1					1	1		1		1	1	1	1		1	
Bioengineering - (T197)				1					1	1		1		1	1	1	1		1	
Biological Sciences & Bioengineering - (T198)				1					1	1		1		1	1	1	1		1	
Biomedical Engineering - (T111)				1					1	1		1		1	1	1	1		1	
Biomedical Instrumentation - (T199)				1					1	1		1		1	1	1	1		1	
Biosciences & Bioengineering - (T200)				1					1	1		1		1	1	1	1	-	1	
Biotech Engineering - (T112)				1					1	1		1		1	1	1	1		1	
Biotechnology - (T113)				1					1	1		1		1	1	1	1		1	
Biotechnology & Biochemical Engineering - (T201)				1					1	1		1		1	1	1	1		1	
Control & Electrical Engineering - (T128)				1					1	1		1		1	1	1	1		1	
Electrical & Instrumentation Engineering - (T228)				1					1	1		1		1	1	1	1		1	
Electrical & Electronics Engineering - (T129)				1					1	1		1		1	1	1	1	H	1	
Electrical & Instrumentation Engineering - (T130)				1					1	1		1		1	1	1	1	H	1	
Electrical Engineering - (T131)				1					1	1		1		1	1	1	1		1	
Electrical Instrumentation & Control Engineering - (T230)				1					1	1		1		1	1	1	1		1	
Electronic Instrumentation & Control Engineering - (T231)				1					1	1		1		1	1	1	1		1	
Electronics & Communication Engineering - (T135)				1					1	1		1		1	1	1	1	H	1	
Electronics & Control Systems - (T234)				1					1	1		1		1	1	1	1	H	1	
Electronics & Electrical Communication Engineering - (T235)				1		1			1	1		1		1	1	1	1		1	
Electronics & Electrical Engineering - (T236)				1		1			1	1		1		1	1	1	1		1	
Electronics & Instrumentation Engineering - (T136)				1		1			1	1		1		1	1	1	1		1	
Electronics & Telecom Engineering - (T137)				1		1			1	1		1		1	1	1	1		1	
Electronics & Telecon Engineering - (1137) Electronics Communication & Instrumentation Engine - (T240)		+	-	1		1		1	1	1		1		1	1	1	1	\vdash	1	
Electronics Communication & Historication Engine - (1240)		+	-	1		1		1	1	1		1		1	1	1	1	\vdash	1	
Electronics Engineering - (1136) Electronics Instrument & Control - (T242)		+	-	1		+	 	 	1	1		1		1	1	1	1	\vdash	1	
Engineering Physics & Instrumentation - (\$535)		+	-	1		1		1	1	1		1		1	1	1	1	\vdash	1	
Instrument Technology - (T269)		-	-	1		1	 	 	1	1		1		1	1	1	1	$\vdash \vdash$	1	
Instrumentation & Control Engineering - (T150)		+		1	-	1	1	 	1	1		1		1	1	1	1	\vdash	1	
Instrumentation & Control Engineering - (1130)		+		1		1	 	-	1	1		1		1	1	1	1	\vdash	1	
, ,		+	-	1	-	1	1	-	1	1	-	1		1	1	1	1		1	
Instrumentation Engineering - (T151)		<u> </u>		1	<u> </u>	1			1	1		Т		T	1	1	1	Ш	Т	

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF X	E XL
Instrumentation Technology - (T152)				1					1	1		1		1		1	1	1		1
Machine Tools Engineering - (T272)				1					1	1		1		1		1	1	1		1
Material Science & Engineering/Technology - (T157)				1					1	1		1		1		1	1	1		1
Mechanical & Automation Engineering - (T279)				1					1	1		1		1		1	1	1		1
Mechanical Engineering - (T158)				1					1	1		1		1		1	1	1		1
Mechatronics - (T159)				1					1	1		1		1		1	1	1		1
Medical Electronics Engineering - (T281)				1					1	1		1		1		1	1	1		1
Medical Instrumentation - (T282)				1					1	1		1		1		1	1	1		1
Medical Lab Technology - (T283)				1					1	1		1		1		1	1	1	\top	1
Biotechnology - (BT)																			\top	\top
G1																\Box				_
Biochemical Engineering - (T109)				1												\Box				_
Bioengineering - (T197)				1												\Box				\neg
Bioinformatics - (T110)				1												\Box				
Biological Sciences & Bioengineering - (T198)				1												\sqcap			+	
Biosciences & Bioengineering - (T200)				1												\Box			+	
Biotech Engineering - (T112)				1			1									\sqcap			-	+
Biotechnology - (T113)				1			1									\sqcap			-	
Biotechnology (1713) Biotechnology & Biochemical Engineering - (T201)			1	1												\vdash			+	
Industrial Biotechnology - (T262)				1												-			+	+
Fluids Engineering - (FE)		-					-									-			+	+-
G1		-	-			-	-									$\vdash \vdash$			$-\!\!\!+\!\!\!\!-$	+
	1		1		1	1								1		-		1	$-\!\!\!\!\!+$	$+\!\!\!-$
Advanced Manufacturing & Mechanical Systems Design - (T187)	1		1		1									1		-		1	+	+
Aeronautical Engineering - (T101)	1				1									1		-		1	+	$+\!\!\!-$
Aerospace Engineering - (T102)	1		-													\vdash			$-\!\!\!\!+$	-
Cement & Ceramic Technology - (T115)	1		-	ļ	1			-						1		$\vdash \vdash$		1	_	+
Ceramic & Glass Technology - (T202)		<u> </u>	-	ļ	1	_		-								$\vdash \vdash$			_	+
Ceramic Engineering - (T116)	1		-		1		-							1		-		1	_	+
Ceramic Engineering & Technology - (T203)	1		-		1									1		-		1	_	+
Ceramic Technology - (T204)	1				1		-							1		—		1		Щ.
Chemical & Polymer Engineering - (T205)	1				1									1		—		1		Щ.
Chemical Engineering - (T117)	1		<u> </u>		1									1		<u> </u>		1		_
Chemical Technology - (T207)	1				1	_								1		<u> </u>		1		
Industrial & Production Engineering - (T145)	1				1									1		<u>—</u> ′		1		Щ.
Industrial Metallurgy - (T148)	1				1									1		<u>—</u> '		1		Щ.
Manufacturing Engineering/Technology - (T155)	1				1		-							1		<u> </u>		1		Ш
Manufacturing Process - (T274)	1				1									1		<u> </u>		1		
Manufacturing Science & Engineering - (T275)	1				1	1 -	_							1				1		
Material Science & Engineering/Technology - (T157)	1		1	<u> </u>	1	1 -		<u> </u>						1		<u> </u>		1		
Material Science & Metallurgical Engineering - (T277)	1		1		1	1 -		<u> </u>						1		<u> </u>		1		\perp
Materials & Metallurgical Engineering - (T278)	1				1	1								1		<u> </u>		1		
Materials Science - (S518)	1				1	1								1		7		1		
Mechanical Engineering - (T158)	1				1	1								1		\Box		1		
Metallurgical & Materials Engineering - (T160)	1				1	1								1		\Box		1		
Metallurgical & Materials Technology - (T161)	1				1	1	-							1		ı		1		

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME MN	MT	PH	PI	TF	XE	XL
Metallurgical Engineering - (T162)	1				1									1			1			
Metallurgical Engineering & Material Science - (T163)	1				1	. 1								1			1			
Metallurgy - (T164)	1				1	. 1								1			1			
Mineral Engineering - (T286)	1				1	. 1								1			1			
Oil & Paint Technology - (T291)	1				1	. 1								1			1			
Oil Technology - (T292)	1				1	. 1								1			1			
Oils & Oleochemicals & Surfactants Technology - (T293)	1				1	. 1								1			1			
Petro-Chemical Engineering/Technology - (T170)	1				1	. 1								1			1			
Petroleum Engineering/Technology - (T296)	1				1	. 1								1	†		1			
Plastic & Polymer Engineering - (T297)	1				1	. 1								1	†		1			
Plastics Engineering/Technology - (T298)	1				1	. 1								1	†		1			
Polymer Science & Rubber Technology - (T172)	1				1	. 1								1	†		1			
Polymer Science & Technology - (T173)	1				1	. 1								1	†		1			
Polymer Technology - (T174)	1				1	. 1								1	†		1			
Production & Industrial Engineering - (T176)	1				1	. 1								1	†		1			
Production Engineering - (T177)	1				1	. 1								1	1		1			
Production Engineering & Management - (T178)	1	1	1		1	. 1								1	†		1		<u> </u>	
Materials Science & Engineering - (MS)			1												†				<u> </u>	
G1															+					
Aeronautical Engineering - (T101)	1					1								1	1		1			
Aerospace Engineering - (T102)	1					1								1	1		1			
Chemical Engineering - (T117)	1					1								1	1		1			
Chemical Technology - (T207)	1					1								1	1		1			
Civil Engineering - (T118)	1					1								1	1		1			
Civil Engineering & Planning - (T208)	1					1								1	1		1			
Civil Technology - (T209)	1					1								1	1		1			
Industrial & Production Engineering - (T145)	1					1								1	1		1			
Marine Technology - (T276)	1					1								1	1		1			
Mechanical Engineering - (T158)	1					1								1	1		1			
Mechatronics - (T159)	1					1								1	1		1			
Ocean Engineering - (T289)	1					1								1	1		1			
Ocean Engineering & Naval Architecture - (T290)	1					1								1	1		1			
Production & Industrial Engineering - (T176)	1					1								1	1		1			
Production Engineering - (T177)	1					1								1	1		1			
Civil Engineering - (CE)															_					
Environmental Engineering - (EV)															†					
G1															1					
Agriculture Engineering - (T103)		1	L	1	1	. 1		1						1	1					
Architectural Engineering - (A406)		1		1			_	1						1	1					
Architectural Engineering - (T106)		1	L	1	1	. 1		1						1	1					
Architecture - (A407)		1		1	1		_	1						1	1					
Architecture - (T107)		1	L	1	1	. 1	.1	1						1						
Architecture & Regional Planning - (A409)		1	ı	1	1	. 1	.1	1						1			1			
Architecture & Regional Planning - (T193)		1		1	1			1						1	†		1			
B. Arch (A401)		1		1	1			1						1	+		1		\vdash	

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY EC	EE	GG	IN	MA	ME N	1N	MT	РН	PI	TF	XE	XL
Biochemistry - (S506)		1		1	1			1					1					П		
Biotech Engineering - (T112)		1		1	1	. 1		1					1							
Biotechnology - (S507)		1		1	1	. 1		1					1							
Biotechnology - (T113)		1		1	1	. 1		1					1							
Chemical Engineering - (T117)		1		1	1	. 1		1					1							
Chemical Technology - (T207)		1		1	1	. 1		1					1							
Chemistry - (S508)		1		1	1	. 1		1					1							
Civil Engineering - (T118)		1		1	1	. 1		1					1							
Civil Engineering & Planning - (T208)		1		1	1	. 1		1					1							
Civil Environmental Engineering - (T119)		1		1	1	. 1		1					1							
Civil Technology - (T209)		1		1	1	. 1		1					1							
Construction Engineering - (T125)		1		1	1	. 1		1					1							
Construction Technology - (T126)		1		1	1	. 1		1					1							
Environment & Pollution Control - (T247)		1		1	1	1		1					1							
Environmental Engineering - (T142)		1		1	1	. 1		1					1							
Environmental Science & Engineering/Technology - (T248)		1		1	1	. 1		1					1					П		
Environmental Sciences - (S512)		1		1	1			1					1					H		
Geology - (S515)		1		1	1			1					1					H		
Mechanical Engineering - (T158)		1		1	1	1		1					1							
Geotechnical Engineering - (GE)																		H		
G1																		H		
Agriculture Engineering - (T103)		1			1													П		
Civil Engineering - (T118)		1			1													П		
Civil Engineering & Planning - (T208)		1			1													П		
Civil Environmental Engineering - (T119)		1			1															
Civil Technology - (T209)		1			1													H		
Construction & Project Management - (T220)		1			1													П		
Construction Engineering - (T125)		1			1													П		
Construction Engineering & Management - (T221)		1			1													П		
Construction Technology - (T126)		1			1															
Construction Technology & Management - (T222)		1			1															
Environmental Engineering - (T142)		1			1													П		
Structural Engineering - (SU)																				
G1																		П		
Architectural Engineering - (A406)		1			1								1					П		
Architectural Engineering - (T106)		1			1								1					П		
Architecture - (A407)		1			1								1					П		
Architecture - (T107)		1			1		1						1					П		
Architecture & Regional Planning - (A409)		1			1		1						1					П		
Architecture & Regional Planning - (T193)	1	1			1				 				1					П		
B. Arch (A401)	1	1			1								1					П		
Civil Engineering - (T118)	T	1			1		1						1					Н		
Civil Engineering & Planning - (T208)	+	1			1	-	1						1				\vdash	П		—
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Civil Environmental Engineering - (T119)		1			1								1							ļ

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Construction & Project Management - (T220)		1	1		1									1							
Construction Engineering - (T125)		1	1		1									1							
Construction Engineering & Management - (T221)		1	1		1									1							
Construction Technology - (T126)		1	1		1	L								1							
Construction Technology & Management - (T222)		1	1		1	L								1							
Environmental Engineering - (T142)		1	1		1	L								1							
Mechanical Engineering - (T158)		1	1		1									1							
Structural Engineering - (T180)		1	1		1									1					M		
Computer Science & Engineering - (CT)																			m		†
Computer Science & Engineering - (XG)																			m		†
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Applied Electronics - (S526)							1												m		1
Computer Applications - (S509)		1					1												H		
Computer Engineering - (T120)							1												m		1
Computer Science - (T121)		1					1												H		t
Computer Science & Engineering - (T122)		1					1												H		t
Computer Science & Information Technology - (T123)							1												H		
Computer Science/IT - (S510)							1												H		
Control & Electrical Engineering - (T128)							1												H		
Control & Instrumentation - (T223)						1	1												H		
Control System Engineering - (T224)						1	1												H		
Electrical & Electronics Engineering - (T129)						1	1												H	-	
Electrical & Instrumentation Engineering - (T130)							1												H		1
Electrical Engineering - (T131)							1												H		1
Electrical Engineering (Power) - (T132)							1												H		
Electrical Power Engineering - (T133)						1	1												H	-	1
Electronic Instrumentation & Control Engineering - (T231)						1	1												H	-	
Electronics - (S511)						1	1												H	-	1
Electronics & Avionics - (T232)						1	1												H		
Electronics & Communication Engineering - (T135)						1	1												H		1
Electronics & Computer Engineering - (T233)						1	1												H		1
Electronics & Control Systems - (T234)						1	1												H		1
Electronics & Electrical Communication Engineering - (T235)						1	1												H		┢
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Electronics Design Technology - (T241)		1				1	1			1									H	-	\vdash
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Information & Communication Technology - (T265)		-	-	1	<u> </u>	1-	1		-	-			-	-					$\vdash\vdash$	├─	₩

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Information Engineering - (T266)							1														
Information Science - (T267)							1														
Information Science & Engineering/Technology - (T268)							1														
Information Technology - (T149)							1														
Instrument Technology - (T269)							1														
Instrumentation & Control Engineering - (T150)							1														
Instrumentation & Process Control - (T270)							1														
Instrumentation Engineering - (T151)							1														
Instrumentation Technology - (T152)							1														
MCA - (B453)							1														
Nano Science & Technology - (S546)							1														
Power Control & Drives - (T299)							1														
Software Engineering - (T313)							1														
Systems Science Engineering - (T316)							1														
Telecommunication Engineering - (T181)							1														
VLSI System Design - (T323)							1														
Information Security - (IS)																					
G1																					
Applied Electronics - (S526)							1		1			1									
Computer Applications - (S509)							1		1												
Computer Engineering - (T120)							1		1												
Computer Science - (T121)							1		1												
Computer Science & Engineering - (T122)							1		1												
Computer Science & Information Technology - (T123)							1		1												
Computer Science/IT - (S510)							1		1												
Control & Electrical Engineering - (T128)							1		1												
Control & Instrumentation - (T223)							1		1												
Control System Engineering - (T224)							1		1												
Electrical & Electronics Engineering - (T129)							1		1												
Electrical & Instrumentation Engineering - (T130)							1		1												
Electrical Engineering - (T131)							1		1												
Electrical Engineering (Power) - (T132)							1		1												
Electrical Power Engineering - (T133)							1		1												
Electronic Instrumentation & Control Engineering - (T231)							1		1												
Electronics - (S511)							1		1			1									
Electronics & Avionics - (T232)							1	1	1			1									
Electronics & Communication Engineering - (T135)							1		1			1									
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Electronics & Electrical Engineering - (T236)	1					1	1		1												
Electronics & Information Systems - (T237)	1						1		1										\vdash		<u> </u>
Electronics & Instrumentation Engineering - (T136)	1						1		1										\vdash		<u> </u>
Electronics & Power Engineering - (T238)	1						1		1										\vdash		<u> </u>
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Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Electronics & Control Systems - (T234)							1	L													
Electronics & Electrical Communication Engineering - (T235)							1	L													
Electronics & Electrical Engineering - (T236)							1	L													
Electronics & Information Systems - (T237)							1	L													
Electronics & Instrumentation Engineering - (T136)							1	L													
Electronics & Power Engineering - (T238)							1	L													
Electronics & Telecom Engineering - (T137)							1	L													Ī
Electronics & Telematics Engineering - (T239)							1	L													Ī
Electronics Communication & Instrumentation Engine - (T240)							1	L												\neg	i
Electronics Design Technology - (T241)							1	L													
Electronics Engineering - (T138)							1	L													
Electronics Instrument & Control - (T242)							1	L													
Electronics Science & Engineering - (T243)							1	L													
Information & Communication Technology - (T265)							1	L													
Information Engineering - (T266)							1	L													
Information Science - (T267)							1	L													
Information Science & Engineering/Technology - (T268)							1	L												\neg	i
Information Technology - (T149)							1	L												\neg	i
Instrument Technology - (T269)							1	L												\neg	
Instrumentation & Control Engineering - (T150)							1	L												\neg	i
Instrumentation & Process Control - (T270)							1	L												\neg	i
Instrumentation Engineering - (T151)							1	L												\neg	i
Instrumentation Technology - (T152)							1	L													-
MCA - (B453)							1	L													
Nano Science & Technology - (S546)							1	L													
Power Control & Drives - (T299)							1	L													
Software Engineering - (T313)							1	L													
Systems Science Engineering - (T316)							1	L													Ī
Telecommunication Engineering - (T181)							1	L													Ī
VLSI System Design - (T323)							1	L													l
Electrical Engineering - (EE)																					i
Control & Instrumentation/Power Systems - (CP)																					Ī
G1																					Ī
Control & Electrical Engineering - (T128)										1											Ī
Electrical & Electronics Engineering - (T129)										1											Ī
Electrical & Instrumentation Engineering - (T130)										1											Ī
Electrical Engineering - (T131)										1											Ī
Electrical Engineering (Power) - (T132)										1											
Electrical Power Engineering - (T133)										1									П		
Power Electronics & ASIC Design - (PA)																					
G1																_		•			1
Control & Electrical Engineering - (T128)										1		İ							П		
Electrical & Electronics Engineering - (T129)										1		İ							П		
Electrical & Instrumentation Engineering - (T130)										1		İ							П		
Electrical Engineering - (T131)										1									П		1

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Electrical Engineering (Power) - (T132)										1											
Electrical Power Engineering - (T133)										1											
Electronics & Communication Engineering - (EC)																					
Communication Systems - (CY)																					
G1																					
Applied Electronics & Telecommunication Engineerin - (T191)									1												
Communication Engineering - (T210)									1												
Computer & Communication Engineering - (T211)									1												
Control & Electrical Engineering - (T128)									1												
Electrical & Instrumentation Engineering - (T228)									1												
Electrical & Electronics Engineering - (T129)									1												
Electrical & Instrumentation Engineering - (T130)									1												
Electrical Engineering - (T131)									1												
Electronic Instrumentation & Control Engineering - (T231)									1												
Electronics & Communication Engineering - (T135)									1												
Electronics & Electrical Communication Engineering - (T235)									1												
Electronics & Electrical Engineering - (T236)									1												
Electronics & Information Systems - (T237)									1												
Electronics & Instrumentation Engineering - (T136)									1												
Electronics & Power Engineering - (T238)									1												
Electronics & Telecom Engineering - (T137)									1												
Electronics & Telematics Engineering - (T239)									1												
Electronics Communication & Instrumentation Engine - (T240)									1												
Electronics Design Technology - (T241)									1												
Electronics Engineering - (T138)									1												
Electronics Instrument & Control - (T242)									1												
Telecommunication Engineering - (T181)									1												
Digital System - (DS)																					
G1																					
Applied Electronics & Telecommunication Engineerin - (T191)									1												
Communication Engineering - (T210)									1												
Computer & Communication Engineering - (T211)									1												
Control & Electrical Engineering - (T128)									1												
Electrical & Instrumentation Engineering - (T228)									1												
Electrical & Electronics Engineering - (T129)									1												
Electrical & Instrumentation Engineering - (T130)									1												
Electrical Engineering - (T131)									1												
Electronic Instrumentation & Control Engineering - (T231)									1												
Electronics & Communication Engineering - (T135)									1												
Electronics & Electrical Communication Engineering - (T235)		1	+			1		t	1		1										
Electronics & Electrical Engineering - (T236)						1			1												
Electronics & Information Systems - (T237)		1			1	t			1		1										
Electronics & Instrumentation Engineering - (T136)		1			1	t			1		1										
Electronics & Power Engineering - (T238)					1	1	1	1	1												l
Electronics & Telecom Engineering - (T137)		1	+		t	1	1	1	1		\dagger								\vdash		

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Electronics & Telematics Engineering - (T239)									1												
Electronics Communication & Instrumentation Engine - (T240)									1												
Electronics Design Technology - (T241)									1												
Electronics Engineering - (T138)									1												
Electronics Instrument & Control - (T242)									1												
Telecommunication Engineering - (T181)									1												
Microelectronics & VLSI Design - (MG)																					
G1																					
Applied Electronics & Telecommunication Engineerin - (T191)									1												
Communication Engineering - (T210)									1												
Computer & Communication Engineering - (T211)									1												=
Computer Engineering - (T120)									1											_	
Computer Science - (T121)									1												
Computer Science & Engineering - (T122)									1												
Computer Science & Information Technology - (T123)									1											\rightarrow	
Control & Electrical Engineering - (T128)									1											\rightarrow	
Electrical & Instrumentation Engineering - (T228)									1										H	-	
Electrical & Electronics Engineering - (T129)									1										H	\rightarrow	
Electrical & Instrumentation Engineering - (T130)									1										H	-	
Electrical Engineering - (T131)									1										H	\rightarrow	
Electronic Instrumentation & Control Engineering - (T231)									1										H	\rightarrow	
Electronics & Communication Engineering - (T135)									1										H	\rightarrow	
Electronics & Electrical Communication Engineering - (T235)									1										H	\rightarrow	
Electronics & Electrical Engineering - (T236)									1										H	-	
Electronics & Information Systems - (T237)									1										H	\rightarrow	
Electronics & Instrumentation Engineering - (T136)									1										H	\rightarrow	
Electronics & Power Engineering - (T238)									1										H	\rightarrow	
Electronics & Telecom Engineering - (T137)									1										H	\rightarrow	
Electronics & Telematics Engineering (1237)									1										H	\rightarrow	
Electronics Communication & Instrumentation Engine - (T240)									1										H	\rightarrow	
Electronics Design Technology - (T241)									1										\vdash	\rightarrow	
Electronics Engineering - (T138)	+								1											\rightarrow	
Electronics Instrument & Control - (T242)									1										H	\rightarrow	
Telecommunication Engineering - (T181)	+								1											\rightarrow	
GIS Cell - (GC)	-																		H	\rightarrow	
GIS & Remote Sensing - (GR)	-																		H	\rightarrow	
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Aeronautical Engineering - (T101)	-	1	. 1		1		1		1		1				1				H	\rightarrow	
Agriculture Engineering - (T103)		1			1		1	<u> </u>	1		1				1				\vdash	\rightarrow	
Architectural Engineering - (A406)	+	1			1		1		1		1				1				\vdash	\longrightarrow	
Architectural Engineering - (A406) Architectural Engineering - (T106)	+	1			1		1		1		1				1				\vdash	\longrightarrow	
Architectura Engineering - (1106) Architecture & Regional Planning - (A409)	+	1			1		1		1		1			-	1	-			H	\longrightarrow	
Architecture & Regional Planning - (A409) Architecture & Regional Planning - (T193)	1	1			1		1		1		1				1				$\vdash\vdash$		
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Civil Engineering - (T118)	+						1				_				1				$\vdash\vdash$		
Civil Engineering & Planning - (T208)		1	. 1		1		1		1		1				1	<u> </u>			ш		

Row Labels	ΑE	AG	AR	ВТ	CE	СН	CS	CY	EC I	EE (GG II	N N	1A M	E MN	MT	PH	PI	TF	XE	XL
Civil Environmental Engineering - (T119)		1	. 1		1		1		1		1				1					
Civil Technology - (T209)		1	. 1		1		1		1		1				1					1
Computer Applications - (S509)		1	. 1		1		1		1		1				1					I
Computer Engineering - (T120)		1	. 1		1		1		1		1				1					I
Computer Science - (T121)		1	. 1		1		1		1		1				1					I
Computer Science & Engineering - (T122)		1	. 1		1		1		1		1				1					
Computer Science & Information Technology - (T123)		1	. 1		1		1		1		1				1					
Computer Science & Technology - (T216)		1	. 1		1		1		1		1				1					
Electronics & Communication Engineering - (T135)		1	. 1		1		1		1		1				1			П		
Electronics & Instrumentation Engineering - (T136)		1	. 1		1		1		1		1				1			П		
Electronics Engineering - (T138)		1			1		1		1		1				1			H	\Box	
Environmental Sciences - (S512)		1	. 1		1		1		1		1				1					·
Geo Informatics - (T258)		1			1		1		1		1				1			H	\Box	
Geography - (S514)		1	1		1		1		1		1							H	\Box	
Geoinformatics - (\$538)		1	1		1		1		1		1				1				\vdash	
Geology - (S515)		1			1		1		1		1				1			H	\Box	
Geophysics - (S539)		1			1		1		1		1				1			H	\dashv	
Information Technology - (T149)		1			1		1		1		1				1			H	\dashv	
Marine Engineering - (T156)		1			1		1		1		1							H	\dashv	
Marine Technology - (T276)		1			1		1		1		1	-			1	1		\vdash	\vdash	
Mine Engineering - (T284)		1			1		1		1		1	-			1	1		\vdash	\vdash	
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Mechanical Engineering - (ME)		-	+ -		_						-	-			1	1		\vdash	\vdash	
Computer Aided Design & Manufacturing - (XD)																		H	\exists	
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Aeronautical Engineering - (T101)														1			1	H	\Box	
Aerospace Engineering - (T102)														1			1	H	\Box	
Industrial & Production Engineering - (T145)														1			1	H	\Box	
Industrial Engineering - (T146)														1			1	H	\Box	
Industrial Engineering & Management - (T147)														1			1	П		
Manufacturing Science & Engineering - (T275)														1			1			
Mechanical & Automation Engineering - (T279)														1			1	H	\Box	
Mechanical Engineering - (T158)														1			1	П		
Mechanical Engineering Automobile - (T280)														1			1	H	\Box	
Metallurgical Engineering - (T162)														1	1		1	H	=	
Metallurgical Engineering & Material Science - (T163)														1	1		1	H	=	
Metallurgy - (T164)														1	1		1	H	=	
Production & Industrial Engineering - (T176)														1	1		1	H	=	
Production Engineering - (T177)														1	1		1	H	=	
Design - (DE)	+					 				_				1	+	1	 	H	-	
G1	1					†									1			Н	\vdash	
Aeronautical Engineering - (T101)	1		1	 		1	 				-+	-		1	1	1	1	Н	\dashv	
Aerospace Engineering - (T102)	1		1	 			 		+	-+	-+	+	-	1	1	1	1	\vdash	\rightarrow	
Industrial & Production Engineering - (T145)	1					1			\vdash	_	-+	-	-	1	+	1	1	\vdash	\dashv	
Industrial Engineering - (T146)	+-		1	-		 	-		+		+	+	+	1	+	+	1	H	\dashv	
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Row Labels	ΑE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF X	E :	XL
Industrial Engineering & Management - (T147)														1				1			
Manufacturing Science & Engineering - (T275)														1				1			
Mechanical & Automation Engineering - (T279)														1				1			
Mechanical Engineering - (T158)														1				1			
Mechanical Engineering Automobile - (T280)														1				1			
Metallurgical Engineering - (T162)														1				1			
Metallurgical Engineering & Material Science - (T163)														1				1			
Metallurgy - (T164)														1				1			
Production & Industrial Engineering - (T176)														1				1			
Production Engineering - (T177)														1				1			
Product Design and Development - (PV)																					
G1																					
Aeronautical Engineering - (T101)														1				1			
Aerospace Engineering - (T102)														1				1			
Industrial & Production Engineering - (T145)														1				1			
Industrial Engineering - (T146)														1				1			
Industrial Engineering & Management - (T147)														1			\neg	1	\top		
Manufacturing Science & Engineering - (T275)														1			\neg	1	\top		
Mechanical & Automation Engineering - (T279)														1			\neg	1	\top		
Mechanical Engineering - (T158)														1			\neg	1	\top		
Mechanical Engineering Automobile - (T280)														1			\neg	1	\top		
Metallurgical Engineering - (T162)														1			\neg	1	\top		
Metallurgical Engineering & Material Science - (T163)														1			\neg	1	\top		
Metallurgy - (T164)														1				1			
Production & Industrial Engineering - (T176)														1				1			
Production Engineering - (T177)														1				1			
Production Engineering - (PU)																					
G1																					
Aeronautical Engineering - (T101)														1				1			
Aerospace Engineering - (T102)														1				1			
Industrial & Production Engineering - (T145)														1				1			
Industrial Engineering - (T146)														1				1			
Industrial Engineering & Management - (T147)														1				1			
Manufacturing Science & Engineering - (T275)														1				1			
Mechanical & Automation Engineering - (T279)														1				1			
Mechanical Engineering - (T158)														1				1			
Mechanical Engineering Automobile - (T280)														1				1			
Metallurgical Engineering - (T162)														1				1			
Metallurgical Engineering & Material Science - (T163)														1				1			
Metallurgy - (T164)														1				1		\exists	
Production & Industrial Engineering - (T176)														1				1			
Production Engineering - (T177)														1			\rightarrow	1	\neg	寸	
National Institute of Technology Calicut - (CL)																	\rightarrow		\neg	寸	\neg
Civil Engineering - (CE)							1										\neg		$\neg \neg$	寸	
Environmental Geotechnology - (EO)																	-		-	\neg †	

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
G1																					1
Civil Engineering - (T118)					1	L															ī
Offshore Structures - (OS)																					
G1																					
Civil Engineering - (T118)					1	L													\Box		
Structural Engineering - (SU)																			\Box		
G1																					i
Civil Engineering - (T118)					1	L															i
Traffic & Transportation Planning - (TT)																			\Box		<u> </u>
G1																			\Box		
Civil Engineering - (T118)					1	L													\vdash		
Computer Science & Engineering - (CT)																					
Computer Science & Engineering - (XG)						1													\vdash		
G1						1													\vdash		
Computer Science & Engineering - (T122)						1	1		1					1					\forall		
Computer Science & Information Technology - (T123)		t				1	1												\forall	Г	$\overline{}$
MCA - (B453)		+				1	1												H	\Box	
Information Security - (IS)		1																	H	\vdash	<u> </u>
G1																			\vdash	\vdash	$\overline{}$
Computer Science & Engineering - (T122)							1												\vdash	\vdash	$\overline{}$
Computer Science & Information Technology - (T123)							1												\vdash	\vdash	$\overline{}$
MCA - (B453)							1												\vdash	\vdash	
Electrical Engineering - (EE)							1 -												\forall	┢	_
Industrial Power & Automation - (IA)																			\vdash		
G1						1													\vdash		
Applied Electronics & Instrumentation Engineering - (T104)						1				1		1							\vdash		
Electrical & Electronics Engineering - (T129)						1				1		1							\vdash		
Electrical Engineering - (T131)						1				1		1							\vdash		
Electronics & Instrumentation Engineering - (T136)										1		1							\vdash		
Instrumentation & Control Engineering - (T150)						1				1		1							\vdash		
Instrumentation Engineering - (T151)						1				1		1							\vdash		
Instrumentation & Control Systems - (IO)						1													\vdash		
G1						1													\vdash		
Applied Electronics & Instrumentation Engineering - (T104)		1								1									H	\vdash	
Electrical & Electronics Engineering - (T129)		1								1									H	\vdash	
Electrical Engineering - (T131)		1								1									H	\vdash	
Instrumentation & Control Engineering - (T150)		1								1									H	\vdash	
Instrumentation Engineering - (T151)		+				1	1			1									H	\Box	
Power Electronics - (PE)		+				1	1			_									H	\Box	
G1		1				1			1					1					H	\Box	_
Electrical & Electronics Engineering - (T129)									1	1				1					H	\vdash	_
Electrical Engineering - (T131)		1			1	+	1	1	1	1	\vdash			1					\vdash	H	
Power System Engineering - (PS)		-			1	+	+	1	 	-	\vdash			 					\vdash	$\vdash \vdash$	
G1									 					 					$\vdash\vdash$	\vdash	
Electrical & Electronics Engineering - (T129)		1	-		1	+	1	1	1	1	\vdash			1	-	-		-	$\vdash\vdash$	-	<u> </u>
Lieutical & Electronics Engineering - (1129)		1		1		1	1			1									Ш		1

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	РН	PI	TF	XE	XL
Electrical Engineering - (T131)										1											
Electronics & Communication Engineering - (EC)																					1
Electronics Design & Technology - (ET)																					1
G1																					1
Applied Electronics & Instrumentation Engineering - (T104)									1												1
Electrical & Electronics Engineering - (T129)									1												-
Electronics & Communication Engineering - (T135)									1												1
Electronics Engineering - (T138)									1												1
Microelectronics & VLSI Design - (MG)																					
G1																					<u> </u>
Applied Electronics & Instrumentation Engineering - (T104)									1												
Electrical & Electronics Engineering - (T129)									1												
Electronics & Communication Engineering - (T135)									1												
Electronics Engineering - (T138)									1												
Signal Processing - (SP)																					Ī
G1																					
Electronics & Communication Engineering - (T135)									1												
Electronics Engineering - (T138)									1												
Telecommunication Engineering - (TL)																				_	<u> </u>
G1																				_	<u> </u>
Electronics & Communication Engineering - (T135)									1											_	<u> </u>
Electronics Engineering - (T138)									1											_	<u> </u>
Mechanical Engineering - (ME)																					
Energy Engineering & Management - (ER)																					
G1																					
Aeronautical Engineering - (T101)						1								1						_	<u> </u>
Aerospace Engineering - (T102)						1								1						_	<u> </u>
Automobile Engineering - (T108)						1								1						_	Г
Chemical Engineering - (T117)						1								1							
Energy Engineering - (T139)						1								1							
Mechanical Engineering - (T158)						1								1							
Nuclear Engineering - (T169)						1								1							
Renewable Energy - (T179)						1								1							
Industrial Engineering & Management - (IU)																				_	_
G1			1																		
Any of the above disciplines in B.E./B.Tech. degre - (T999)	1	. 1	1	1	. 1	. 1	. 1	. 1	1	1	1	1	1	1	1	1	1	1	1	1	
Manufacturing Technology - (MF)			1 -																		
G1			1																		
Automobile Engineering - (T108)			1											1				1			
Manufacturing Engineering/Technology - (T155)			1			t		t	<u> </u>		\vdash			1				1	\forall		_
Material Science & Engineering/Technology - (T157)			1			t		t	<u> </u>		\vdash			1	1			1	\forall		_
Mechanical Engineering - (T158)			1						1					1				1	\forall		_
Mechatronics - (T159)			1						1					1				1			_
Metallurgical Engineering - (T162)			+			1		1	1		\vdash			1	<u> </u>			1			_
Production & Industrial Engineering - (T176)	-	+-	+		1	1	1	1	 	1				1	<u> </u>			1	\vdash		

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Production Engineering - (T177)														1				1			
Production Engineering & Management - (T178)														1				1			
Materials Science & Technology - (MH)																					
G1																					
Automobile Engineering - (T108)														1		1		1			
Engineering Physics - (T141)														1		1		1			
Industrial Metallurgy - (T148)														1		1		1			
Manufacturing Engineering/Technology - (T155)														1		1		1			
Material Science & Engineering/Technology - (T157)														1		1		1			
Mechanical Engineering - (T158)														1		1		1			
Mechatronics - (T159)														1		1		1			
Metallurgical Engineering - (T162)														1		1		1			
Nanotechnology - (T168)														1		1		1			
Production & Industrial Engineering - (T176)														1		1		1			
Production Engineering - (T177)														1		1		1			
Production Engineering & Management - (T178)														1		1		1			
Thermal Sciences - (TS)																					
G1																					
Aeronautical Engineering - (T101)														1							
Aerospace Engineering - (T102)														1							
Automobile Engineering - (T108)														1							
Energy Engineering - (T139)														1							
Manufacturing Engineering/Technology - (T155)														1							
Mechanical Engineering - (T158)						1								1							
Nuclear Engineering - (T169)														1							
Production Engineering - (T177)														1						†	
Nanoscience & Technology - (NT)																					
Nanotechnology - (NT)																					
G1																					
Chemical Engineering - (T117)					1	1								1				1			
Civil Engineering - (T118)					1	1								1				1			
Material Science & Engineering/Technology - (T157)					1	1								1				1			
Mechanical Engineering - (T158)					1	1								1				1			
Production Engineering - (T177)					1	1								1				1			
National Institute of Technology Durgapur - (DG)																					
Biotechnology - (BT)																					
Biotechnology - (BT)																					
G1			1			1		1		1											
B. Pharma (B451)				1		1															1
Biochemical Engineering - (T109)			1	1		1		1		1											1
Bioinformatics - (T110)			1	1		1		1		1											1
Biotechnology - (T113)				1	1	1	.1	1	1												1
Chemical Engineering - (T117)				1		1															1
Food Engineering/Technology - (T254)			1	1		1		1		1											1
Chemical Engineering - (CH)	1		1	1				1	1											T	

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Chemical Engineering - (CE)																					
G1																					
Chemical Engineering - (T117)						1															
Chemistry - (CM)																					
Corrosion Science & Technology - (CX)																					
G1																					
Biochemistry - (S506)						1		1													1
Chemical Engineering - (T117)						1		1													1
Chemistry - (S508)						1		1													
Environmental Sciences - (S512)						1		1													
Civil Engineering - (CE)																					
Structural Engineering - (SU)																					
G1																					
Civil Engineering - (T118)					1	L															
Computer Applications - (CA)																					
Software Engineering - (SE)																					
G1																					
Any of the above disciplines in B.E./B.Tech. degre - (T999)							1														
MCA - (B453)							1														
Computer Science & Engineering - (CT)																					
Computer Science & Engineering - (XG)																					
G1																					
Computer Science & Engineering - (T122)							1		1	. 1											
Electrical Engineering - (T131)							1		1	. 1											
Electronics & Communication Engineering - (T135)							1		1	. 1											
Information Technology - (T149)							1		1	. 1											
Electrical Engineering - (EE)																					
Electrical Systems - (ES)																					
G1																					
Electrical Engineering - (T131)										1											
Electronics & Communication Engineering - (EC)																					
Microelectronics & VLSI - (MQ)																					
G1																					
Computer Science & Engineering - (T122)							1		1	. 1		1									
Electrical Engineering - (T131)							1		1	. 1		1									
Electronics & Communication Engineering - (T135)							1		1	. 1		1									
Electronics & Instrumentation Engineering - (T136)							1		1	. 1		1									
Telecommunication Engineering - (TL)		1			l		1			1				1							
G1		\vdash			t																
Electronics & Communication Engineering - (T135)		\vdash			t				1												
Geology - (GE)		\vdash			t																
Environmental Science & Technology - (EH)			+		1	t	1			t	 			t	 				H		
G1					1	1	1			†				†							
Agricultural Science - (S501)		+ :	1	1	1	l 1		1		1	1			1		1	1			1	
Agriculture Engineering - (T103)			1	1				1			1					1	1			1	_

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Biotech Engineering - (T112)			1	1	_			1		1					1	1			1	1
Biotechnology - (S507)			1	1	. 1	. 1		1		1					1	1			1	1
Biotechnology - (T113)			1	1	. 1	. 1		1		1					1	1			1	1
Chemical Engineering - (T117)			1	1	. 1	. 1		1		1					1	1			1	1
Chemistry - (S508)			1	1	. 1	. 1		1		1					1	1			1	1
Civil Engineering - (T118)			1	1	. 1	. 1		1		1					1	1			1	1
Earth Sciences - (S533)			1	1	. 1	. 1		1		1					1	1			1	1
Environment & Pollution Control - (T247)			1	1	. 1	. 1		1		1					1	1			1	1
Environmental Engineering - (T142)			1	1	. 1	. 1		1		1					1	1			1	1
Environmental Science & Engineering/Technology - (T248)			1	1	. 1	. 1		1		1					1	1			1	1
Environmental Sciences - (S512)			1	1	. 1	. 1		1		1					1	1			1	1
Food Engineering/Technology - (T254)			1	1	. 1	. 1		1		1					1	1			1	1
Geology - (S515)			1	1	. 1	. 1		1		1					1	1			1	1
Leather Technology - (T154)			1	1	. 1	. 1		1		1					1	1			1	1
Material Science & Engineering/Technology - (T157)			1	1	. 1	. 1		1		1					1	1			1	1
Material Science & Metallurgical Engineering - (T277)			1	1	. 1	. 1		1		1					1	1			1	1
Materials & Metallurgical Engineering - (T278)			1	1	. 1	. 1		1		1					1	1			1	1
Metallurgical & Materials Engineering - (T160)			1	1	. 1	. 1		1		1					1	1			1	1
Metallurgical & Materials Technology - (T161)			1	1	. 1	. 1		1		1					1	1			1	1
Metallurgical Engineering - (T162)			1	1	. 1	. 1		1		1					1	1			1	1
Metallurgical Engineering & Material Science - (T163)			1	1	. 1	. 1		1		1					1	1			1	1
Metallurgy - (T164)			1	1	. 1	. 1		1		1					1	1			1	1
Physics - (\$523)			1	1		_		1		1					1	1			1	1
Polymer Science & Technology - (T173)			1	1	. 1	. 1		1		1					1	1			1	1
Information Technology - (IT)																				_
Information Security - (IS)																				
G1																				
Computer Science & Engineering - (T122)							1		1 1		1									_
Electrical Engineering (Power) - (T132)							1		1 1		1									_
Electronics & Communication Engineering - (T135)							1		1 1		1									
Information Technology - (T149)							1		1 1		1									
Instrumentation Engineering - (T151)							1		1 1		1									
Mathematics - (MA)											_									
Operations Research - (OR)																				\neg
G1																				
Any of the above disciplines in B.E./B.Tech. degre - (T999)	1		1 1	. 1	. 1	. 1	. 1	1	1 1	1	1	1	1	1	1	1	1	1	1	
Any of the above disciplines in M.Sc. Degree - (S599)	1		1 1						1 1		1	1			1	1	1	1	1	_
Mechanical Engineering - (ME)																				_
Design & Production Engineering - (DP)																				
G1		1			1	1	†												-	-
Mechanical Engineering - (T158)	_					1							1					Н	-	\dashv
Metallurgical & Materials Engineering - (MT)	_	1	1	1	1	t			1									\forall	\dashv	\dashv
Industrial Metallurgy - (IY)	_	1	+	1	t	1	1		+									H	\dashv	\dashv
G1	_	1	1	1	1	t			1									\forall	\dashv	\dashv
Material Science & Engineering/Technology - (T157)		1		1	1	1							1		1		1		-	\dashv
				1	1	1	1	1										ш		

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	МТ	PH	PI	TF	XE	XL
Material Science & Metallurgical Engineering - (T277)														1		1		1			
Materials & Metallurgical Engineering - (T278)														1		1		1			
Mechanical Engineering - (T158)														1		1		1			
Metallurgical & Materials Engineering - (T160)														1		1		1			
Metallurgical & Materials Technology - (T161)														1		1		1			
Metallurgical Engineering - (T162)														1		1		1			
Metallurgical Engineering & Material Science - (T163)														1		1		1			
Metallurgy - (T164)														1		1		1			
Production Engineering - (T177)														1		1		1			
Materials Engineering - (ML)																					
G1																					
Applied Physics - (S503)														1		1	1				
Material Science & Engineering/Technology - (T157)														1		1	1				\neg
Material Science & Metallurgical Engineering - (T277)														1		1	1				\neg
Materials & Metallurgical Engineering - (T278)														1		1	1				\neg
Mechanical Engineering - (T158)														1		1	1				
Metallurgical & Materials Engineering - (T160)		1												1		1	1				
Metallurgical & Materials Technology - (T161)		1												1		1	1				
Metallurgical Engineering - (T162)		1												1		1	1				
Metallurgical Engineering & Material Science - (T163)		1												1		1	1				
Metallurgy - (T164)		1												1		1	1				\dashv
Physics - (PH)																	_		H	$\overline{}$	
Advanced Materials Science & Technology - (AT)		1																			
G1		1																			
Applied Physics - (S503)									1			1		1		1	1		H	$\overline{}$	
Electronics - (S511)									1			1		1		1	1		H	$\overline{}$	
Physics - (S523)									1			1		1		1	1		H	\rightarrow	
National Institute of Technology Agartala - (AG)									_										H	\rightarrow	
Civil Engineering - (CE)																			\vdash		
Geotechnical Engineering - (GE)																			\vdash		
G1		+																	\vdash		
Civil & Transportation Engineering/Technology - (T324)					1														H		
Civil Engineering - (T118)					1														H		
Civil Engineering & Planning - (T208)					1														H		
Civil Technology - (T209)					1														\vdash		
Structural Engineering - (SU)					-														\vdash		
G1																			\vdash		
Building & Construction Technology - (T114)		1			1	1		 			\vdash								\vdash		
Civil & Transportation Engineering/Technology - (T324)		1			1			 			\vdash								\vdash		
Civil Engineering - (T118)		1	-	1	1		1	-	-	-	\vdash		-	\vdash	-				\vdash	\dashv	
Civil Engineering - (1118) Civil Engineering & Planning - (T208)		-		-	1		1				\vdash			\vdash					\vdash	\dashv	
Civil Technology - (T209)		-		-	1	1	1				\vdash			\vdash					\vdash	\dashv	
Construction Engineering - (T125)		1	-	<u> </u>	1	-		}			\vdash		-	\vdash					\vdash		
		1	-	<u> </u>	1			-			\vdash		-	\vdash					\vdash		
Construction Engineering & Management - (T221)		1	+-	 	1		-	-	 	 	\vdash		 	\vdash					\vdash		
Construction Technology - (T126)		1			1														ш		

Row Labels	ΑE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	РН	PI	TF	XE	XL
Construction Technology & Management - (T222)					1																
Structural Engineering - (T180)					1																
Transportation Engineering - (TE)																					
G1																					
Civil & Transportation Engineering/Technology - (T324)					1																
Civil Engineering - (T118)					1																
Civil Engineering & Planning - (T208)					1																
Civil Technology - (T209)					1																
Highway Engineering - (T143)					1															\neg	
Transportation Engineering - (T184)					1															\neg	
Transportation Urban planning - (T185)					1															\neg	
Computer Science & Engineering - (CT)																				\neg	
Computer Science & Engineering - (XG)																				\neg	
G1																				\neg	
Computer Engineering - (T120)	1	1					1					1							寸	\dashv	
Computer Science - (T121)							1													\neg	
Computer Science & Engineering - (T122)	+	 	1	t		1	1												\dashv	\dashv	
Computer Science & Information Technology - (T123)							1												\neg	\dashv	
Computer Science & Technology - (T216)							1												\dashv	\dashv	
Computer Science/IT - (S510)							1	<u> </u>											\dashv	\dashv	
Computer Technology - (T124)							1	1											\dashv	\dashv	
Information & Communication Technology - (T265)							1	1											\dashv	\dashv	
Information Science & Engineering/Technology - (T268)							1	1											\dashv	\dashv	
MCA - (B453)							1												\vdash	\dashv	
Software Engineering - (T313)	-					1	1												\vdash	\dashv	
Electrical Engineering - (EE)	+						-												\dashv	\dashv	
Instrumentation Engineering - (IE)	1					-													-	\rightarrow	
G1	+																		\dashv	\dashv	
Control & Electrical Engineering - (T128)	+									1		1							\dashv	\dashv	
Control & Instrumentation - (T223)	-					1				1		1							\vdash	\dashv	
Control Engineering - (T127)	1					-				1		1							-	\rightarrow	
Control System Engineering - (T224)	+									1		1							\dashv	\dashv	
Electrical & Instrumentation Engineering - (T228)	-					1				1		1							\vdash	\dashv	
Electrical & Electronics Engineering - (T129)	+									1		1							\dashv	\dashv	
Electrical & Instrumentation Engineering - (T130)										1		1							\dashv	\dashv	
Electrical & Power Engineering - (T229)										1		1							\dashv	\dashv	
Electrical & Power Engineering - (1229) Electrical Engineering - (T131)	-									1		1							\dashv	\dashv	
Electrical Engineering - (1131) Electrical Engineering & Industrial Control - (T227)	-									1		1							\dashv	\dashv	
Electrical Engineering & Houstrial Control - (1227) Electrical Engineering (Power) - (T132)	-									1		1							\dashv	\dashv	
Electrical Engineering (Power) - (1132) Electrical Instrumentation & Control Engineering - (T230)	+	-	1	-		1	-			1		1							\dashv	\dashv	
Electrical instrumentation & control Engineering - (1230) Electrical Power Engineering - (T133)	1-	<u> </u>	-			-	<u> </u>	-		1		1							\dashv		
Electronic Instrumentation & Control Engineering - (T231)	-	 					 	-		1		1							\dashv	\longrightarrow	
Electronic Instrumentation & Control Engineering - (1231) Electronics & Communication Engineering - (T135)	-		1		<u> </u>	1		1		1		1							\dashv		
	+	1	1	-		1	1	-		1		1							\dashv	\dashv	
Electronics & Control Systems - (T234)	-	<u> </u>	1	<u> </u>		1	<u> </u>	-											\dashv		
Electronics & Electrical Engineering - (T236)		<u> </u>			<u> </u>		<u> </u>	<u> </u>	<u> </u>	1		1							Ш		

ow Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	РН	PI	TF X	E X
Electronics & Instrumentation Engineering - (T136)										1		1								
Electronics & Power Engineering - (T238)										1		1								
Electronics & Telecom Engineering - (T137)										1		1								
Electronics Engineering - (T138)										1		1								
Electronics Instrument & Control - (T242)										1		1								
Energy Engineering - (T139)										1		1								
Energy Science & Engineering - (T244)										1		1								
Instrumentation & Control Engineering - (T150)										1		1								
Instrumentation & Process Control - (T270)										1		1								
Instrumentation Engineering - (T151)										1		1								
Instrumentation Technology - (T152)										1		1								
Power Engineering - (T300)										1		1								
Renewable Energy - (T179)										1		1								
Power Electronics & Drives - (PD)																				
G1																				
Control & Electrical Engineering - (T128)										1										
Control Engineering - (T127)										1										
Electrical & Instrumentation Engineering - (T228)										1										\top
Electrical & Electronics Engineering - (T129)										1										
Electrical & Instrumentation Engineering - (T130)										1										\top
Electrical & Power Engineering - (T229)										1										
Electrical Engineering - (T131)										1										
Electrical Engineering & Industrial Control - (T227)										1										
Electrical Engineering (Power) - (T132)										1										
Electrical Power Engineering - (T133)										1										
Electronics & Communication Engineering - (T135)										1										_
Electronics & Electrical Engineering - (T236)										1										_
Electronics & Instrumentation Engineering - (T136)										1										_
Electronics & Power Engineering - (T238)										1										_
Electronics & Telecom Engineering - (T137)										1										_
Electronics Engineering - (T138)										1										_
Energy Engineering - (T139)										1										_
Energy Science & Engineering - (T244)										1										_
Power Control & Drives - (T299)										1										+
Power Electronics - (T175)										1										+
Power Engineering - (T300)										1									\vdash	+
Renewable Energy - (T179)										1									\vdash	+
Power System Engineering - (PS)																			H	+
G1																				\dashv
Control & Electrical Engineering - (T128)					 			 		1				 					\vdash	\dashv
Electrical & Instrumentation Engineering - (T228)	+	<u> </u>	+		 	1		1		1				 		1			$\vdash \vdash$	+
Electrical & listrumentation Engineering - (1228)			-	-	-	-	-	-		1	\vdash			-		-			$\vdash \vdash$	+
<u> </u>					 			 		1				 					\vdash	\dashv
Electrical & Instrumentation Engineering - (T130)		<u> </u>	+	1	1	1	1	 	-	1	$\vdash \vdash$			1	-	1	-	-	$\vdash \vdash$	+
Electrical & Power Engineering - (T229)		1		1	1	1	1		1	1				1	l	1	l	1		

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Electrical Engineering & Industrial Control - (T227)										1											
Electrical Engineering (Power) - (T132)										1											
Electrical Power Engineering - (T133)										1											
Electronics & Electrical Engineering - (T236)										1											
Electronics & Power Engineering - (T238)										1											
Energy Engineering - (T139)										1											
Energy Science & Engineering - (T244)										1											
Power Engineering - (T300)										1											
Renewable Energy - (T179)										1										\neg	
Electronics & Communication Engineering - (EC)																				\neg	
Microelectronics & VLSI Technology - (MV)																				\neg	
G1																				\neg	
Applied Electronics - (S526)									1	1		1							\Box	1	
Applied Electronics & Instrumentation Engineering - (T104)									1	1		1							\Box	1	
Applied Electronics & Telecommunication Engineerin - (T191)									1	1		1							\Box	1	
Electronics - (S511)									1	1		1							\vdash	1	
Electronics & Avionics - (T232)									1	1		1		1					\vdash	1	
Electronics & Communication Engineering - (T135)									1	1		1		1					\vdash	1	
Electronics & Computer Engineering - (T233)									1	1		1		1					\vdash	1	
Electronics & Electrical Communication Engineering - (T235)									1	1		1							H	1	
Electronics & Electrical Engineering - (T236)									1	1		1							H	1	
Electronics & Information Systems - (T237)									1	1		1							H	1	
Electronics & Instrumentation Engineering - (T136)									1	1		1							H	1	
Electronics & Telecom Engineering - (T137)									1	1		1							H	1	
Electronics Communication & Instrumentation Engine - (T240)									1	1		1							\vdash	1	
Electronics Design Technology - (T241)									1	1		1							\vdash	1	
Electronics Engineering - (T138)									1	1		1	1						H	1	
Electronics Science & Engineering - (T243)									1	1		1							H	1	
Nano Science & Technology - (S546)									1	1		1	1						\vdash	1	
Nanotechnology - (T168)									1	1		1							H	1	
Nanotechnology & Robotics - (T287)									1			1							H	1	
Power Electronics - (T175)									1	1		1	1						H	1	
Radio Physics - (S549)									1	1		1	1						H	1	
Radio Physics & Electronics - (S550)									1	1		1	1						\vdash	1	
VLSI System Design - (T323)									1	1		1	1						\vdash	1	
Hydro Informatics Engineering - (HI)									_										\vdash	\dashv	
Hydro Informatics Engineering - (HI)														1					\vdash	\dashv	
G1														1					\vdash	\dashv	
Agricultural & Food Engineering - (T188)					1	. 1				1				1				1	\vdash	1	
Agricultural & 1000 Engineering - (1100) Agricultural Science - (S501)		\vdash	+	<u> </u>	1			 		1			 	1	1	 		1	\vdash	1	
Agricultural Science - (3501) Agriculture Engineering - (T103)		\vdash	+	<u> </u>	1			 		1			 	1	-	-		1		1	
Atmospheric Science - (S529)		1		l	1	1		1		1			 	1				1		1	
Chemical Engineering - (T117)		1		l	1	-	1	1		1			 	1				1		1	
Civil Engineering - (1117) Civil Engineering - (1118)		1		l	1		1	1		1			 	1				1		1	
Civil Engineering - (1118) Civil Engineering & Planning - (T208)		╁	-	<u> </u>	1	1	-	-		1			<u> </u>	1				1		1	
Civil Engineering & Planning - (1206)						. 1	·			<u> </u>	•			1		l		1		T	

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME MN	MT	PH	PI	TF	XE	XL
Civil Environmental Engineering - (T119)					1		_			1				1			1		1	
Civil Technology - (T209)					1	. 1				1				1			1		1	
Earth Sciences - (S533)					1	. 1				1				1			1		1	
Electrical Engineering - (T131)					1	. 1				1				1			1		1	
Energy Engineering - (T139)					1	. 1				1				1			1		1	
Environmental Engineering - (T142)					1	. 1				1				1			1		1	
Environmental Science & Engineering/Technology - (T248)					1	. 1				1				1			1		1	
Environmental Sciences - (S512)					1	. 1				1				1			1		1	
Forestry - (S513)					1	. 1				1				1			1		1	
Geo Informatics - (T258)					1	. 1				1				1			1		1	
Geoinformatics - (S538)					1	. 1				1				1			1		1	
Geology - (S515)					1	. 1				1				1			1		1	
Health Science & Water Engineering - (T259)					1	. 1				1				1			1		1	
Irrigation Engineering - (T153)					1	. 1				1				1			1		1	
Mechanical Engineering - (T158)					1	. 1				1				1			1		1	
Meteorology - (S543)					1	. 1				1				1			1		1	
Ocean Engineering - (T289)					1	. 1				1				1			1		1	
Production Engineering - (T177)					1	. 1				1				1			1		1	
Soil Sciences - (S524)					1	. 1				1				1			1		1	
Town & Country Planning - (A405)					1	. 1				1				1			1		1	
Town & Country Planning - (T322)					1	. 1				1				1			1		1	
Water Management - (T186)					1	. 1				1				1			1		1	
Mechanical Engineering - (ME)																				
Manufacturing Technology - (MF)																			\neg	
G1																			\neg	
Manufacturing Process - (T274)														1			1		\neg	
Mechanical Engineering - (T158)														1			1		\neg	
Production Engineering - (T177)														1			1			
Thermal Science & Engineering - (TC)																				
G1																				
Mechanical Engineering - (T158)														1						
Production Engineering - (PE)																				
Computer Integrated Manufacturing - (XI)																				
G1																				
Advanced Manufacturing & Mechanical Systems Design - (T187)																	1		\neg	
Automation & Robotics - (T194)																	1			
Automotive Engineering - (T195)																	1			
Automotive Technology - (T196)																	1			
Industrial & Management Engineering - (T261)				İ	İ												1			
Industrial & Production Engineering - (T145)																	1			
Industrial Engineering - (T146)																	1			
Industrial Engineering & Management - (T147)																	1			
Industrial Management - (T264)																	1			
Industrial Manufacturing Engineering - (T144)		1					1								1		1			
Machine Engineering - (T271)																	1			

Row Labels	ΑE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Machine Tools Engineering - (T272)																		1			
Manufacturing Engineering/Technology - (T155)																		1			
Manufacturing Process - (T274)																		1			
Manufacturing Science & Engineering - (T275)																		1			
Mechanical & Automation Engineering - (T279)																		1			
Mechanical Engineering Automobile - (T280)																		1			
Production Engineering - (T177)																		1			
Production Engineering & Management - (T178)																		1			
National Institute of Technology Hamirpur - (HM)																					
Architecture - (AR)																					
M.Arch. in Sustainable Architecture - (MC)																					
G1																					
Architecture - (A407)			1																	М	
Architecture - (T107)			1																		
B. Arch (A401)			1																	М	
Centre for Energy & Environment - (CY)																				М	
Energy Technology - (EN)																				М	
G1																				М	
Biotechnology - (T113)				1	1	. 1	1		1	1		1		1		1		1		М	-
Chemical Engineering - (T117)				1				1	1			1		1		1		1		М	
Civil Engineering - (T118)				1				1	1			1		1		1		1		М	
Computer Science & Engineering - (T122)				1	1			1	1	1		1		1		1		1		М	
Electrical Engineering - (T131)				1					1	1		1		1		1		1		\vdash	
Electronics & Communication Engineering - (T135)				1					1			1		1		1		1		\vdash	
Information Technology - (T149)				1	1				1			1		1		1		1		М	
Instrumentation Engineering - (T151)				1	1	. 1	1		1	1		1		1		1		1		М	
Mechanical Engineering - (T158)				1	1			1	1	1		1		1		1		1		М	
Metallurgical Engineering - (T162)				1	1			1	1	1		1		1		1		1		М	
Production Engineering - (T177)				1	1			1	1	1		1		1		1		1		М	
Civil Engineering - (CE)																				М	
Environmental Engineering - (EV)																				М	1
G1																			\vdash	\vdash	-
Chemical Engineering - (T117)					1	. 1													\vdash	\vdash	-
Civil Engineering - (T118)					1															Н	-
Geotechnical Engineering & Under Ground Structures - (GU)					_	1 -														Н	-
G1																				Н	-
Civil Engineering - (T118)					1															Н	-
Structural Engineering - (SU)	+		1			1		1											\vdash	Ш	—
G1	-		1					1		1									\vdash	$\vdash \vdash$	\vdash
Civil Engineering - (T118)	1		 	 	1	1	1	1	 	 					 			 	\vdash	$\vdash \vdash$	\vdash
Transportation Systems Engineering - (TA)	1		 	-		1	1	1	<u> </u>	 								 	\vdash	$\vdash \vdash$	\vdash
G1	1		 	-		1	1	1	<u> </u>	 								 	\vdash	$\vdash \vdash$	\vdash
Civil Engineering - (T118)			 		1				 										\vdash	$\vdash \vdash$	\vdash
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Water Resources Engineering - (WR)																			1 1		1

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Civil Engineering - (T118)					1	_															
Computer Science & Engineering - (CT)																					
Computer Science & Engineering - (XG)																					
G1																					
Computer Science & Engineering - (T122)							1														
Information Technology - (T149)							1														
MCA - (B453)							1														
Mobile Computing - (MO)																					
G1																					
Computer Science & Engineering - (T122)							1														
Information Technology - (T149)							1														
MCA - (B453)							1														
Electrical Engineering - (EE)																					
Condition Monitoring Control & Protection of Electrical Apparatus - (CR)																					
G1																					
Electrical & Electronics Engineering - (T129)										1											
Electrical Engineering - (T131)										1											
Power System - (PO)																			\Box		
G1																					
Electrical & Electronics Engineering - (T129)										1									\Box		
Electrical Engineering - (T131)										1									\Box		
Signal Processing & Control - (SC)																			\Box		
G1																					
Electrical & Electronics Engineering - (T129)									1	1											
Electrical Engineering - (T131)									1	1											
Electronics & Communication Engineering - (T135)									1	1											
Electronics & Communication Engineering - (EC)																					
Communication Systems & Networks - (CN)																					
G1																					
Electronics & Communication Engineering - (T135)									1												
Electronics & Telecom Engineering - (T137)									1												
Electronics Engineering - (T138)									1												
VLSI Design Automation & Techniques - (VA)																					
G1																					
Electronics & Communication Engineering - (T135)									1												
Electronics & Telecom Engineering - (T137)									1												
Electronics Engineering - (T138)									1												
Material Science & Engineering - (MG)			1																\Box		
Materials Science & Engineering - (MS)			1																\Box		
G1			1		1	1	1	l	1	1									\Box		
Applied Physics - (S503)					l	1	. 1	. 1	1	1		1		1			1	1	\Box		
Chemical Engineering - (T117)						1						1		1			1	1	H	$\overline{}$	
Chemistry - (S508)			1			1						1		1			1	1	H		
Computer Science & Engineering - (T122)			1			1			1			1		1			1	1	H		
Electrical Engineering - (T131)			1		<u> </u>	1			1			1		1			1	1	\forall		

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF X	(E	XL
Electronics & Communication Engineering - (T135)						1	1	1	1	1		1		1			1	1			
Engineering Physics - (S534)						1	1	1	1	1		1		1			1	1			-
Engineering Physics - (T141)						1	1	1	1	1		1		1			1	1			-
Material Science & Engineering/Technology - (T157)						1	1	1	1	1		1		1			1	1			
Mechanical Engineering - (T158)						1	1	1	1	1		1		1			1	1			
Metallurgical Engineering - (T162)						1	1	1	1	1		1		1			1	1			
Physics - (S523)						1	1	1	1	1		1		1			1	1			
Mechanical Engineering - (ME)																					
CAD-CAM - (CC)																					
G1																					
Agriculture Engineering - (T103)		1				1								1				1			
Chemical Engineering - (T117)		1				1								1				1			
Industrial Engineering - (T146)		1				1								1				1			
Manufacturing Engineering/Technology - (T155)		1				1								1				1			
Mechanical Engineering - (T158)		1				1								1				1			
Production Engineering - (T177)		1				1								1				1			
Thermal Engineering (Computational Fluid Dynamics and Heat Transfer) - (TH)																					
G1																					
Chemical Engineering - (T117)						1								1							
Mechanical Engineering - (T158)						1								1							
National Institute of Technology Jamshedpur - (JM)																					
Civil Engineering - (CE)																					
Structural Engineering - (SU)																					
G1																					
Civil Engineering - (T118)					1																
Electrical & Electronics Engineering - (ET)																					
Power System Engineering - (PS)																					
G1																					
Electrical & Electronics Engineering - (T129)										1											
Electrical Engineering - (T131)										1											
Electronics & Communication Engineering - (EC)																					
VLSI Design & Embedded Systems - (VE)																					
G1																					
Electronics & Communication Engineering - (T135)									1												
Mechanical Engineering - (ME)																					
Computer Integrated Design & Manufacturing - (XM)																					
G1																					
Mechanical Engineering - (T158)														1							
Thermal & Fluids Engineering - (TF)																					
G1																					
Mechanical Engineering - (T158)														1							
Metallurgical & Materials Engineering - (MT)																					
Foundry Technology - (FT)																			\perp		
G1																					
Mechanical Engineering - (T158)														1		1		1			

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG I	IN	MA	ME	MN	MT F	Ή	PI T	F XE	XL
Metallurgical & Materials Engineering - (T160)														1		1		1		
Production & Industrial Engineering - (T176)														1		1		1		
Iron and Steel Technology - (IR)																				
G1																				
Metallurgical & Materials Engineering - (T160)																1				
Production & Industrial Engineering - (PI)																				
Industrial & Management Engineering - (IM)																				
G1																				
Industrial & Management Engineering - (T261)														1				1	+	+
Mechanical Engineering - (T158)														1				1	+	+
Production & Industrial Engineering - (T176)														1				1	+	+
National Institute of Technology Karnataka - Surathkal - (SR)																			+	+
Applied Mechanics & Hydraulics - (AH)																			_	+
Marine Structures - (MR)																			_	+
G1																		-+	+-	+-
Civil Engineering - (T118)					1													\dashv	+-	+-
Remote Sensing & Geographic Information Systems - (RG)																		\dashv	+-	+-
G1						1					-							-+	+	+-
Agricultural Science - (S501)					1	1					1				1			-+	+	+-
Civil Engineering - (T118)					1						1				1			-+	+	+
Environmental Engineering - (T142)					1						1				1			+	$+\!-$	+-
Forestry - (S513)					1						1				1			+	$+\!-$	+-
Geography - (S514)					1						1				1			+	$+\!-$	$+\!-\!\!-$
Geology - (S515)					1						1				1			+	$+\!-$	+
Marine-geology - (S517)					1	1					1				1			+	$+\!-$	+
Mining Engineering/Technology - (T167)			-	-	1	1					1				1			-+	+-	+-
Soil Sciences - (S524)			-	-	1	_					1				1			-+	+-	+-
Transportation Engineering - (T184)			-	-	1	1					1				1			-+	+-	+-
						-					1				1					+
Water Resources Engineering & Management - (WM) G1	-					1												-+	+	+
					_	1					-							\dashv	$+\!-$	-
Civil Engineering - (T118)					1														—	+
Chemical Engineering - (CH)						-													—	+
Chemical Plant Design - (CT)						-													—	+
G1						_													—	+
Chemical Engineering - (T117)						1													—	
G2																			—	+
Biochemical Engineering - (T109)				1		1	1													
Biotechnology - (T113)				1		1													Щ	—
Cement & Ceramic Technology - (T115)			_	1	<u> </u>	1				<u> </u>									\bot	₩
Chemical Engineering - (T117)		<u> </u>		<u> </u>	<u> </u>	1				<u> </u>									Щ.	\bot
Petro-Chemical Engineering/Technology - (T170)		<u> </u>		1		1														\perp
Polymer Technology - (T174)		ļ		1		1				<u> </u>									Щ	
Industrial Biotechnology - (IB)		ļ				<u> </u>														\perp
G1																			\perp	\perp
Biochemical Engineering - (T109)				1		1														

Row Labels	AE	AG	i AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Biotechnology - (S507)				1		1															
Biotechnology - (T113)				1		1														\neg	
Chemical Engineering - (T117)				1		1														\neg	
Industrial Pollution Control - (IL)																				\neg	
G1																				\neg	
Chemical Engineering - (T117)						1														\neg	
G2																				\neg	
Biochemical Engineering - (T109)				1		1								1	1					\neg	
Biotechnology - (T113)				1		1								1	1					\neg	
Cement & Ceramic Technology - (T115)				1		1								1	1					\neg	
Chemical Engineering - (T117)						1														\neg	
Environmental Engineering - (T142)				1		1								1	1					\dashv	
Mechanical Engineering - (T158)				1		1								1	1					\dashv	
Mining Engineering/Technology - (T167)				1		1								1					H	\rightarrow	
Petro-Chemical Engineering/Technology - (T170)			+	1		1								1	1				H	\dashv	
Polymer Technology - (T174)				1		1								1	1				H	\dashv	
Civil Engineering - (CE)				_		+ -	1							-	_					\dashv	
Construction Technology and Management - (CM)						+														\dashv	
G1			-			-														\dashv	
B. Arch (A401)			1		1	1									1					\dashv	
Civil Engineering - (T118)			1		1										1				\vdash	\longrightarrow	
Construction Technology - (T126)			1		1										1				\vdash	\longrightarrow	
Environmental Engineering - (T142)			1		1										1				\vdash	\dashv	
Mining Engineering/Technology - (T167)			1		1									-	1				\vdash	\longrightarrow	
Structural Engineering - (T180)			1		1									-	1				\vdash	\longrightarrow	
Transportation Engineering - (T184)			_	-	1														\vdash	\longrightarrow	
			1			L									1				\vdash	\longrightarrow	
Environmental Engineering - (EV)			_																\vdash	\longrightarrow	
G1			_					_							_				Ш		
Applied Chemistry - (S554)		-		1				1						1		1			Ш		1
Biochemical Engineering - (T109)				1	_			1						1		1			Ш		1
Biochemistry - (S506)				1	_			1						1		1			Ш		1
Biotechnology - (S507)				1	1			1						1	1	1			Ш		1
Biotechnology - (T113)				1	1			1						1		1			Ш		1
Chemical Engineering - (T117)				1	1			1						1		1			Ш		1
Civil Engineering - (T118)				1	. 1			1						1	1	1			Ш		1
Environmental Engineering - (T142)				1	1	+		1						1		1			Ш		1
Industrial Chemistry - (S516)				1	. 1			1						1	1	1			Ш		1
Mechanical Engineering - (T158)				1	. 1			1						1		1					1
Metallurgical Engineering - (T162)				1	. 1			1						1	1	1		<u> </u>	Ш		1
Mining Engineering/Technology - (T167)				1	1	l 1		1						1	1	1					1
Geotechnical Engineering - (GE)																					
G1																					
Civil Engineering - (T118)					1	L															
Structural Engineering - (SU)																					
G1																					

Row Labels	ΑE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	ΧE	XL
Civil Engineering - (T118)					1																
Transportation Engineering - (TE)																					
G1																					1
Civil Engineering - (T118)					1																
Transportation Engineering - (T184)					1																
Computer Science & Engineering - (CT)																					
Computer Science & Engineering - (XG)																					
G1																					
Computer Science & Engineering - (T122)							1													\neg	
Information Engineering - (T266)							1													\neg	
Information Science - (T267)							1													\neg	
Information Science & Engineering/Technology - (T268)							1													\neg	
Computer Science & Engineering - Information Security - (XF)																				\neg	
G1																				\neg	
Computer Science & Engineering - (T122)							1													\neg	
Information Engineering - (T266)							1													\neg	
Information Science - (T267)							1					1								\dashv	
Information Science & Engineering/Technology - (T268)							1					1								\dashv	
Electrical & Electronics Engineering - (ET)												1								\dashv	
Power & Energy Systems Engineering - (PW)												1								\dashv	
G1																				-+	
Electrical & Electronics Engineering - (T129)										1										-+	
Electrical Engineering - (T131)										1										-+	
Electronics & Communication Engineering - (EC)										_										\dashv	
Communication Engineering - (CG)																				-+	
G1																			H	\dashv	
Electronics & Communication Engineering - (T135)									1										H	\dashv	
Electronics & Telecom Engineering - (T137)									1										H	\dashv	
VLSI Design - (VN)									_										H	\dashv	
G1																			H	\dashv	
Computer Science & Engineering - (T122)							1		1	1		1							\vdash	\dashv	_
Electrical & Electronics Engineering - (T129)						1	1		1	1		1							\vdash	\dashv	
Electronics & Communication Engineering - (T135)							1		1	1		1							H	\dashv	
Electronics & Telecom Engineering - (T137)						1	1		1	1		1							\vdash	\dashv	
Instrumentation Technology - (T152)							1		1			1							H	\dashv	
Information Technology - (IT)							-		-	-									H	\dashv	
Information Technology - (IT)																			H	\dashv	
G1	1		 			+	 	 											H	\longrightarrow	
Computer Science & Engineering - (T122)						1	1	 											\vdash	\dashv	
Information Engineering - (T266)						1	1	1											\vdash	\dashv	
Information Science - (1266)					<u> </u>	1	1	1				-							\vdash	\dashv	
Information Science - (1267) Information Science & Engineering/Technology - (T268)	-		-			1	1												\vdash		
Mathematical & Computational Sciences - (MC)						1	<u> </u>	-											$\vdash \vdash$		
Systems Analysis and Computer Applications - (SY)						1	 	 											$\vdash \vdash$		
	1	-	-			-	1	 	-	-	-			-					$\vdash \vdash$		
G1																					

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI T	F XE	XL
Any of the above disciplines in B.E./B.Tech. degre - (T999)	1	1	L	1	1	1	1		1	1		1	1	1	1	1	1	1	1	
Mathematics - (S519)	1	1	L	1	1	1	1		1	1		1	1	1	1	1	1	1	1	
MCA - (B453)	1	1	L	1	1	1	1		1	1		1	1	1	1	1	1	1	1	
Physics - (S523)	1	1	L	1	1	1	1		1	1		1	1	1	1	1	1	1	1	
Statistics - (S525)	1	1	L	1	1	1	1		1	1		1	1	1	1	1	1	1	1	
Mechanical Engineering - (ME)																				
Manufacturing Engineering - (MU)																				
G1																				
Aeronautical Engineering - (T101)	1													1		1		1		
Automobile Engineering - (T108)	1													1		1		1		
Industrial & Production Engineering - (T145)	1													1		1		1		
Industrial Engineering - (T146)	1													1		1		1		
Industrial Engineering & Management - (T147)	1													1		1		1		
Manufacturing Engineering/Technology - (T155)	1													1		1		1		
Mechanical Engineering - (T158)	1													1		1		1		
Mechatronics - (T159)	1													1		1		1		
Metallurgy - (T164)	1													1		1		1		
Production Engineering - (T177)	1													1		1		1		
Mechatronics Engineering - (MZ)																				
G1																				
Mechanical Engineering - (T158)														1						
G2																				
Electrical & Electronics Engineering - (T129)									1	1										
Electronics & Communication Engineering - (T135)									1	1										
Mechanical Engineering - (T158)														1						
G3																				
Aeronautical Engineering - (T101)	1											1		1				1		
Automobile Engineering - (T108)	1											1		1				1		
Industrial & Production Engineering - (T145)	1											1		1				1		
Industrial Engineering - (T146)	1											1		1				1		
Instrumentation Engineering - (T151)	1											1		1				1		
Mechanical Engineering - (T158)														1						
Mechatronics - (T159)	1											1		1				1		
Production Engineering - (T177)	1											1		1				1		
Thermal Engineering - (TI)																				
G1																				
Automobile Engineering - (T108)														1				1		
Industrial & Production Engineering - (T145)														1				1		
Industrial Manufacturing Engineering - (T144)														1				1		
Manufacturing Engineering/Technology - (T155)														1				1		
Mechanical Engineering - (T158)														1				1		
Metallurgical & Materials Engineering - (MT)																				
Materials Engineering - (ML)																				
G1.																				
Cement & Ceramic Technology - (T115)						1								1		1	1	1		1

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME N	IN N	1T	PH	PI	TF 2	XE	XL
Chemical Engineering - (T117)						1								1		1	1	1	T	1	
Industrial & Production Engineering - (T145)	1					1								1		1	1	1	\sqcap	1	一
Manufacturing Engineering/Technology - (T155)						1								1		1	1	1	T	1	
Materials Science Solid State Physics - (S558)						1								1		1	1	1		1	Ī
Mechanical Engineering - (T158)						1								1		1	1	1		1	
Metallurgical & Materials Engineering - (T160)						1								1		1	1	1		1	
Metallurgical & Materials Technology - (T161)						1								1		1	1	1		1	
Metallurgical Engineering - (T162)						1								1		1	1	1		1	Г
Metallurgical Engineering & Material Science - (T163)						1								1		1	1	1		1	ſ
Metallurgy - (T164)						1								1		1	1	1		1	
Polymer Science & Rubber Technology - (T172)						1								1		1	1	1		1	
Polymer Science & Technology - (T173)						1								1		1	1	1		1	
Polymer Technology - (T174)						1								1		1	1	1		1	
Production Engineering - (T177)						1								1		1	1	1		1	ſ
Nanotechnology - (NT)						_														\dashv	ſ
G1																			T	\dashv	
Biotechnology - (S507)				1	1	1		1	1	1		1		1	1	1	1		\top	1	<u> </u>
Chemical Engineering - (T117)				1	1	1		1	1	1		1		1	1	1	1			1	i
Chemistry - (S508)				1	1	1		1	1	1		1		1	1	1	1			1	<u> </u>
Civil Engineering - (T118)				1	1	1		1	1	1		1		1	1	1	1			1	<u> </u>
Electrical & Electronics Engineering - (T129)				1	1	1		1	1	1		1		1	1	1	1			1	<u> </u>
Electronics & Communication Engineering - (T135)				1	1	1		1	1	1		1		1	1	1	1			1	i
Instrumentation Engineering - (T151)				1	1	1		1	1	1		1		1	1	1	1			1	-
Materials Science - (S518)				1	1	1		1	1	1		1		1	1	1	1			1	
Mechanical Engineering - (T158)				1	1	1		1	1	1		1		1	1	1	1			1	
Metallurgical & Materials Engineering - (T160)				1	1	1		1	1	1		1		1	1	1	1			1	
Metallurgy - (T164)				1	1	1		1	1	1		1		1	1	1	1			1	
Mining Engineering/Technology - (T167)				1	1	1		1	1	1		1		1	1	1	1			1	Ī
Physics - (S523)				1	1	1		1	1	1		1		1	1	1	1			1	Ī
Process Metallurgy - (PM)																					Ī
G1																					Ī
Analytical Chemistry - (S556)						1		1						1		1		1		1	Ī
Applied Chemistry - (S554)						1		1						1		1		1		1	l
Chemical Engineering - (T117)						1		1						1		1		1		1	Ī
Industrial & Production Engineering - (T145)						1		1						1		1		1		1	
Industrial Chemistry - (S516)						1		1						1		1		1		1	Ī
Materials Science - (S518)						1		1						1		1		1		1	Ī
Mechanical Engineering - (T158)						1		1						1		1		1	T	1	
Metallurgical & Materials Engineering - (T160)						1		1						1		1		1	П	1	1
Metallurgical & Materials Technology - (T161)						1		1						1		1		1	T	1	i
Metallurgical Engineering - (T162)						1		1						1		1		1	T	1	
Metallurgical Engineering & Material Science - (T163)						1		1						1		1		1	T	1	Ī
Metallurgy - (T164)						1		1						1		1		1	T	1	Ī
Mineral Beneficiation - (S520)						1		1						1		1		1	T	1	1
Mineral Processing - (S557)						1		1						1		1		1	T	1	ĺ

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	РН	PI 1	TF XE	XI	L
Ore-dressing - (S521)						1		1						1		1		1		1	
Physical Chemistry - (S555)						1		1						1		1		1		1	
Production Engineering - (T177)						1		1						1		1		1		1	
National Institute of Technology Kurukshetra - (KR)																					
Civil Engineering - (CE)																					
Environmental Engineering - (EV)																					
G1																				\top	
Chemical Engineering - (T117)					1															\top	
Civil Engineering - (T118)					1															\top	
Environmental Engineering - (T142)					1															\top	
Mining Engineering/Technology - (T167)					1																
Soil Mechanics & Foundation Engineering - (SM)																					
G1																					
Civil Engineering - (T118)					1																
Structural Engineering - (SU)																			\top	\top	
G1																			\top	\top	
Civil Engineering - (T118)					1														\top	\top	
Transportation Engineering - (TE)																			\top	\top	
G1																				\dashv	_
Architectural Engineering - (A406)					1															\dashv	
Architectural Engineering - (T106)					1															\dashv	
B. Arch (A401)					1															\dashv	_
Building & Construction Technology - (T114)					1														_	\top	
Civil Engineering - (T118)					1	1													_	\top	
Structural Engineering - (T180)					1														_	\top	
Town Planning - (A404)					1															\dashv	_
Town planning - (T183)					1															\dashv	_
Water Resources Engineering - (WR)																				\dashv	_
G1																				\dashv	_
Architectural Engineering - (A406)					1															\dashv	_
Architectural Engineering - (T106)					1															\dashv	_
Civil Engineering - (T118)					1	1													+	+	_
Computer Engineering - (CX)																			_	+	
Computer Engineering - (XE)																			_	+	
G1																			_	+	
Computer Engineering - (T120)							1												_	+	
Computer Science & Engineering - (T122)							1												_	+	
Electrical Engineering - (T131)							1												_	+	
Electronics & Communication Engineering - (T135)	+						1												+	+	_
Electronics Engineering - (T138)							1												+	十	
Information Technology - (T149)							1												+	十	
Electrical Engineering - (EE)							 												+	十	
Control System Engineering - (CO)	+		1				1				\vdash								+	+	_
G1	+		1				1				\vdash								+	+	_
Computer Engineering - (T120)		<u> </u>	 	!	 	<u> </u>	+	1		1									$+\!\!\!\!-$	+	—

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Electrical & Electronics Engineering - (T129)										1											1
Electrical Engineering - (T131)										1											Ī
Electronics & Communication Engineering - (T135)										1											
Electronics & Instrumentation Engineering - (T136)										1											
Electronics Engineering - (T138)										1											
Information Technology - (T149)										1											
Instrumentation & Control Engineering - (T150)										1										\neg	i
Instrumentation Engineering - (T151)										1										\neg	i
Power Electronics & Drives - (PD)																				\neg	<u> </u>
G1																			П	\neg	
Electrical & Electronics Engineering - (T129)										1									П	\neg	
Electrical Engineering - (T131)										1										\neg	1
Instrumentation & Control Engineering - (T150)										1										\neg	1
Power System Engineering - (PS)	1			 		1	1	1								1		1	П	\dashv	i
G1	1					1	1												П	\dashv	<u> </u>
Electrical & Electronics Engineering - (T129)	1									1										\dashv	<u> </u>
Electrical Engineering - (T131)										1									H	\dashv	$\overline{}$
Electronics & Communication Engineering - (EC)										_									H	\dashv	$\overline{}$
Electronics & Communication Engineering - (EG)	1																		H	\dashv	
G1	1		1																\vdash	\dashv	l
Computer Engineering - (T120)	1		1						1										\vdash	\dashv	l
Electrical Engineering - (T131)	1		1						1										\vdash	\dashv	1
Electronics & Communication Engineering - (T135)	1		1						1										\vdash	\dashv	1
VLSI Design - (VN)	1		-																\vdash	\dashv	f
G1	+																		H	\dashv	
Electronics & Communication Engineering - (T135)	+								1										H	\dashv	
Mechanical Engineering - (ME)	+																		H	\dashv	
Industrial & Production Engineering - (IP)	1		1																\vdash	\dashv	1
G1	1		-																\vdash	\dashv	<u> </u>
Industrial Engineering - (T146)	+													1					H	\dashv	
Mechanical Engineering - (T158)	+													1					H	\dashv	
Production Engineering - (1130)	+													1					H	\dashv	
Machine Design - (MD)	1		-											-					\vdash	\dashv	
G1																			Н	\dashv	
Computer Science & Engineering - (T122)	+													1					H	\dashv	
Industrial Engineering - (T146)														1					Н	\dashv	
Mechanical Engineering - (T158)	-													1					\vdash	\dashv	
Production Engineering - (1138)	-													1					\vdash	\dashv	
Thermal Engineering - (TI)	1-		-			<u> </u>	-	-						1					H	-	
G1	1-		-			<u> </u>	-	-											H	-	
	+-		-	-		 	-	-		 				1		 		 	$\vdash \vdash$	-	
Electrical Engineering - (T131)	+		1	-		1	1	-		-				1		-		-	Н	\dashv	
Mechanical Engineering - (T158)	-		-	<u> </u>		<u> </u>	1	-						1					Н		
Physics - (PH)	+-		-	 		<u> </u>	-	-											Н	\longrightarrow	
Instrumentation - (IX)	1					ļ		-											Ш	\longrightarrow	
G1						<u> </u>													ш		

Row Labels	ΑE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Electrical Engineering - (T131)																	1		\Box		
Electronics - (S511)																	1				\Box
Electronics & Communication Engineering - (T135)																	1				\Box
Instrumentation Engineering - (T151)																	1				
Physics - (S523)																	1				=
Nanotechnology - (NT)																					
G1																			\dashv	\neg	=
Biotechnology - (S507)																	1		\neg		
Biotechnology - (T113)																	1		\dashv		
Chemical Engineering - (T117)																	1		\dashv		
Chemistry - (S508)																	1		\dashv		
Computer Engineering - (T120)																	1		\dashv	\dashv	
Electrical Engineering - (T131)																	1		\dashv	\dashv	
Electronics - (S511)																	1		\dashv	\dashv	
Electronics & Communication Engineering - (T135)																	1		\dashv	\dashv	
Instrumentation Engineering - (T151)																	1		+	\dashv	
Nanotechnology - (T168)																	1		\dashv	-	
Physics - (S523)																	1		\dashv	-	
National Institute of Technology Patna - (PT)																			\dashv	-	
Architecture - (AR)																			\dashv	-+	
Urban & Regional Planning - (UR)	-																		\dashv	-+	
G1																			\dashv	-+	
Architectural Engineering - (A406)	-		1																\dashv	\longrightarrow	
Architectural Engineering - (A400) Architectural Engineering - (T106)	-	<u> </u>	1		-	-	<u> </u>	-						-					\dashv		
B. Arch (A401)	-	<u> </u>	1		-	-	<u> </u>	-						-					\dashv		
B. Planning - (A402)	-	<u> </u>	1		-	-	<u> </u>	-						-					\dashv		
Civil Engineering - (T118)			1																		
			1																		
Civil Engineering - (CE) Structural Engineering - (SU)		1					1												\dashv		
G1		1					1												\dashv		
	-				_														\dashv	\longrightarrow	
Civil Engineering - (T118)	-	<u> </u>	<u> </u>		1		<u> </u>	<u> </u>											_		
Transportation Engineering - (TE)	-	<u> </u>	<u> </u>				<u> </u>	<u> </u>											\dashv		
G1	-	<u> </u>	<u> </u>				<u> </u>	<u> </u>											_		
Civil Engineering - (T118)	-	<u> </u>	<u> </u>		1		<u> </u>	<u> </u>											_		
Transportation Engineering - (T184)	-	<u> </u>	<u> </u>		1	-	<u> </u>	<u> </u>											_		
Water Resources Engineering - (WR)			ļ					ļ											_		
G1			ļ					ļ											_		
Civil Engineering - (T118)					1																
Computer Science & Engineering - (CT)	1	<u> </u>	<u> </u>			1	<u> </u>	<u> </u>						<u> </u>					4		
Computer Science & Engineering - (XG)	<u> </u>	<u> </u>	<u> </u>		<u> </u>	_	<u> </u>	<u> </u>						<u> </u>					\dashv		
G1	1	<u> </u>	<u> </u>		<u> </u>		<u> </u>	<u> </u>						ļ					_		
Computer Science & Engineering - (T122)	1	<u> </u>	<u> </u>		<u> </u>		1							ļ					_		
Information Technology - (T149)	1	<u> </u>	<u> </u>		<u> </u>		1	<u> </u>						ļ					_		
G2	1	<u> </u>	<u> </u>		<u> </u>		<u> </u>	<u> </u>											\dashv		
Electrical & Electronics Engineering - (T129)							1		1	1											

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Electrical Engineering - (T131)							1		1	1											1
Electronics & Communication Engineering - (T135)							1		1	1											
MCA - (B453)							1		1	1											
Electrical Engineering - (EE)																					
Control System Engineering - (CO)																					
G1																					1
Electrical & Electronics Engineering - (T129)										1											1
Electrical Engineering - (T131)										1											1
Instrumentation & Control Engineering - (T150)										1											1
G2																					1
Applied Electronics & Instrumentation Engineering - (T104)									1			1									
Electronics & Communication Engineering - (T135)									1			1									
Electronics & Instrumentation Engineering - (T136)									1			1									
Instrumentation Engineering - (T151)									1			1									
Power System Engineering - (PS)																					
G1																					1
Electrical & Electronics Engineering - (T129)										1											
Electrical Engineering - (T131)										1											
G2																					
Applied Electronics & Instrumentation Engineering - (T104)												1									
Control Engineering - (T127)												1									
Instrumentation & Control Engineering - (T150)												1									
Electronics & Communication Engineering - (EC)																					
Communication Systems - (CY)																					
G1																					1
Electronics & Communication Engineering - (T135)									1												
Electronics Engineering - (T138)									1												1
Telecommunication Engineering - (T181)									1												1
G2																					1
Computer Science & Engineering - (T122)							1														1
Mechanical Engineering - (ME)																					
Refrigeration Air Conditioning & Heat Transfer - (RA)																					1
G1																					1
Aeronautical Engineering - (T101)	1													1							1
Automobile Engineering - (T108)	1													1							1
Marine Engineering - (T156)	1													1							1
Mechanical Engineering - (T158)	1													1							1
Thermal Turbo Machines - (TU)																					1
G1																					1
Aeronautical Engineering - (T101)	1													1							1
Automobile Engineering - (T108)	1													1							
Marine Engineering - (T156)	1													1							
Mechanical Engineering - (T158)	1													1					П		
National Institute of Technology Raipur - (RR)																					1
Chemical Engineering - (CH)																			П		

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN I	MA	ME	MN	MT	PH	PI	TF :	XE	XL
Chemical Process Design - (CD)																			П		
G1																			ī		
Biotechnology - (T113)						1													i		
Biotechnology & Biochemical Engineering - (T201)						1															
Chemical & Polymer Engineering - (T205)						1															
Chemical Engineering - (T117)						1															
Chemical Technology - (T207)						1													i		
Environmental Engineering - (T142)						1															
Petroleum Engineering/Technology - (T296)						1													iΠ		
Civil Engineering - (CE)																			iΠ		
Water Resources Development & Irrigation Engineering - (WI)																			iΠ		
G1																			iΠ		
Agriculture Engineering - (T103)					1														iΠ		
Applied Mechanics - (T192)					1														iΠ		
Civil Engineering - (T118)					1														iΠ		
Civil Engineering & Planning - (T208)					1														iΠ		
Civil Environmental Engineering - (T119)					1														i İ		
Civil Technology - (T209)					1																
Construction & Project Management - (T220)					1																
Construction Engineering - (T125)					1														i İ		
Construction Engineering & Management - (T221)					1														i İ		
Construction Technology - (T126)					1														i İ		
Construction Technology & Management - (T222)					1														iΠ		
Environment & Pollution Control - (T247)					1														iΠ		
Environmental Engineering - (T142)					1																
Irrigation Engineering - (T153)					1														i İ		
Structural Engineering - (T180)					1														i İ		
Town & Country Planning - (A405)					1														iΠ		
Town & Country Planning - (T322)					1														iΠ		
Town Planning - (A404)					1														iΠ		
Town planning - (T183)					1														iΠ		
Transportation Engineering - (T184)					1																
Transportation Urban planning - (T185)					1																
Water Management - (T186)					1														iΠ		
Electrical Engineering - (EE)																					
Computer Technology - (XT)																			iΠ		
G1																			iΠ		
Computer Engineering - (T120)							1												iΠ		
Computer Engineering & Application - (T213)							1												iΠ		
Computer Science - (T121)		1					1												ΠŤ		
Computer Science & Engineering - (T122)		İ					1												ı		
Computer Science & Information Technology - (T123)						1	1												ΠŤ	\neg	
Computer Science & Technology - (T216)		1	1				1												\sqcap		
Computer Technology - (T124)		1	1				1												\sqcap		
G2						1		1											\Box	\neg	

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Information Technology - (T149)							1														1
G3																					l
Communication Engineering - (T210)									1												l
Electronics & Communication Engineering - (T135)									1												1
Electronics & Computer Engineering - (T233)									1												Ī
Electronics & Electrical Communication Engineering - (T235)									1												Ī
Electronics & Electrical Engineering - (T236)									1												Ī
Electronics & Information Systems - (T237)									1												Ī
Electronics & Instrumentation Engineering - (T136)									1											\neg	i
Electronics & Telecom Engineering - (T137)									1											\neg	Ī
Electronics Engineering - (T138)									1											\neg	Ī
G4																				\neg	Ī
Electrical & Electronics Engineering - (T129)										1										\neg	<u> </u>
Electrical & Instrumentation Engineering - (T130)										1										\neg	Ī
Electrical Engineering - (T131)										1										\neg	<u> </u>
Electrical Engineering (Power) - (T132)										1										\neg	
Electrical Power Engineering - (T133)										1										\dashv	ſ
Mechanical Engineering - (ME)																				\dashv	ſ
Thermal Engineering - (TI)																				-	<u> </u>
G1		1																		\dashv	Г
Automobile Engineering - (T108)		1												1						\dashv	Г
Mechanical Engineering - (T158)		1												1						\dashv	Г
G2		1												_						\dashv	Г
Production Engineering - (T177)		1																1		\dashv	Г
Production Engineering & Management - (T178)		1																1		\dashv	Г
National Institute of Technology Rourkela - (RL)		1																		-+	<u> </u>
Biotechnology & Medical Engineering - (BM)		+																		\dashv	$\overline{}$
Biomedical Engineering - (BE)		+																		\dashv	$\overline{}$
G1		+																		\dashv	$\overline{}$
Applied Electronics & Instrumentation Engineering - (T104)				1		1	. 1	1	1	1		1		1		1		1		1	1
Biomedical Engineering - (T111)				1	1	1	4		1	1		1		1		1		1		1	l
Chemical Engineering - (T117)		-	-	1		1			1	1		1		1		1		1		1	
Electrical & Electronics Engineering - (T129)		+		1		1		-	1	1		1		1		1		1		1	f
Electrical Engineering - (T131)		-	-	1		1		`	1	1		1		1		1		1		1	
Electronics & Communication Engineering - (T135)				1		1			1	-		1		1		1		1	\vdash	1	l —
Electronics & Communication Engineering - (T135) Electronics & Instrumentation Engineering - (T136)				1		1	4		1			1		1		1		1	\vdash	1	l —
Electronics & Telecom Engineering - (T137)		-		1		1			1	1		1		1		1		1	\vdash	1	
Electronics & Teleconi Engineering - (T137) Electronics Engineering - (T138)		-		1		1	4	!	1	1		1		1		1		1	\vdash	1	
Instrumentation Engineering - (1156)		-		1		1			1	1		1		1		1		1	\vdash	1	
MBBS - (B452)		+	-	1	-	1			1			1		1		1		1	$\vdash \vdash$	1	
Mechanical Engineering - (T158)		1	-	1		1			1			1		1		1		1	$\vdash \vdash$	1	
		1			-	1	1		1	1		1		1		1		1	$\vdash \vdash$		
G2		1		1		_	1	1	-	1		4		1		1		1	$\vdash \vdash$	1	—
B. Pharma (B451)		1		1	· [1			1	1		1		1		1		1	$\vdash \vdash$	1	
Biotechnology - (T113)		+	-			1			1	_		1		1		1		1	$\vdash \vdash$		
Computer Science & Engineering - (T122)				1		1	. 1		1	1		1		1		1		1		1	

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Metallurgical & Materials Engineering - (T160)				1		1	. 1		1	1		1		1		1		1		1	
Metallurgical Engineering - (T162)				1		1	. 1		1	1		1		1		1		1		1	
Biotechnology - (BT)																					
G1																					
Biochemical Engineering - (T109)				1		1													Πİ		
Biotechnology - (T113)				1		1													Πİ		
Ceramic Engineering - (CR)																			Πİ		
Industrial Ceramics - (IC)																			Πİ		
G1																			r	\neg	
Cement & Ceramic Technology - (T115)						1								1		1			r	1	
Ceramic Engineering - (T116)						1								1		1			r	1	
G2																			r	\neg	
Chemical Engineering - (T117)						1								1		1			rt	1	
Mechanical Engineering - (T158)						1								1		1				1	
Metallurgical & Materials Engineering - (T160)						1								1		1			rt	1	
Chemical Engineering - (CH)																					
Chemical Engineering - (CE)																			H	\rightarrow	
G1																			H	\rightarrow	
Biochemical Engineering - (T109)						1													t	\rightarrow	
Chemical Engineering - (T117)						1													H	-	
Civil Engineering - (CE)						 													H	-	
Geotechnical Engineering - (GE)																			H	-	
G1																			H	-	
Civil Engineering - (T118)					1										1				H	\rightarrow	
Mining Engineering/Technology - (T167)					1										1				H	\rightarrow	
Structural Engineering - (T180)					1										1				H	-	
Structural Engineering - (SU)																			H	-	
G1																			H	-	
Civil Engineering - (T118)					1														H	-	
Structural Engineering - (T180)					1														H	-	
Transportation Engineering - (TE)					1 -														H	-	
G1																			H	-	
Civil Engineering - (T118)					1														 	-+	
Transportation Engineering - (T184)					1		1												\vdash	\rightarrow	
Water Resources Engineering - (WR)					1 -	-	1												\vdash	\rightarrow	
G1							1												\vdash	\rightarrow	
Agriculture Engineering - (T103)		1			1	. 1	1							1	1				\vdash	\rightarrow	
Chemical Engineering - (T117)	+	1			1			1						1	1				\vdash	\rightarrow	
Civil Engineering - (T118)	+	1			1		_	1						1	1				\vdash	\rightarrow	
Mechanical Engineering - (T158)	+	1	1		1			 			\vdash		 	1	1				\vdash	\longrightarrow	
Mining Engineering - (1136) Mining Engineering - (1136)	+-	1	-		1			 			\vdash			1	1				\vdash	\longrightarrow	
Computer Science & Engineering - (CT)			1		 	1	1	-			\vdash		-						$\vdash \vdash$	\longrightarrow	
Computer Science a Engineering - (CT) Computer Science - (XS)	+		 	<u> </u>	!	1	1	1			\vdash								\vdash	\rightarrow	
G1	-		<u> </u>		<u> </u>	-	1	-			\vdash		-						\vdash		
-	+-	-	-		-	-	1	-			\vdash		-						\vdash	\longrightarrow	
Computer Engineering - (T120)				1			1												ш		

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Computer Science - (T121)							1														
Computer Science & Engineering - (T122)							1														
Computer Science & Information Technology - (T123)							1														
Electrical Engineering - (T131)							1														1
Electronics Engineering - (T138)							1														1
Information Technology - (T149)							1														1
Information Security - (IS)																				\neg	
G1																				\neg	
Computer Engineering - (T120)							1												П	\neg	
Computer Science - (T121)							1												П	\neg	
Computer Science & Engineering - (T122)							1												П	\neg	
Computer Science & Information Technology - (T123)							1													\dashv	
Electrical Engineering - (T131)							1												H	\dashv	
Electronics Engineering - (T138)							1												H	\dashv	
Information Technology - (T149)							1												H	\dashv	
Software Engineering - (SE)																			H	\dashv	
G1																			H	\dashv	_
Computer Engineering - (T120)							1												H	\dashv	
Computer Science - (T121)							1												H	\dashv	
Computer Science & Engineering - (T122)			-				1												\vdash	\dashv	
Computer Science & Engineering (1222) Computer Science & Information Technology - (T123)			-				1												\vdash	\dashv	
Electrical Engineering - (T131)			-				1												\vdash	\dashv	
Electronics Engineering - (T138)			-				1												\vdash	\dashv	
Information Technology - (T149)							1												\vdash	\rightarrow	
Electrical Engineering - (EE)							_												H	\dashv	_
Control & Automation - (CA)																			\vdash	\rightarrow	
G1			-					1											\vdash	\dashv	
Applied Electronics & Instrumentation Engineering - (T104)			-					1	1	1		1							\vdash	\dashv	
Electrical & Electronics Engineering - (T129)			-					1	1	1		1							\vdash	\dashv	
Electrical Engineering - (T131)			-					1	1			1							\vdash	\dashv	
Electronics & Instrumentation Engineering - (T136)			-					1	1	1		1							\vdash	\dashv	
Instrumentation & Control Engineering - (T150)									1	1		1							\vdash	\rightarrow	
Electronic Systems & Communication - (EC)			-					1	_	-									\vdash	\dashv	
G1																			\vdash	\dashv	
Electronics & Communication Engineering - (T135)									1										\vdash	\dashv	
Electronics Engineering - (T138)									1										\vdash	\longrightarrow	
G2																			\vdash	\dashv	
Electrical & Electronics Engineering - (T129)		1	+					1	1	1									\vdash	\longrightarrow	
Electrical & Electronics Engineering - (1129) Electrical Engineering - (T131)		+							1					 					\vdash	\dashv	
Industrial Electronics - (IN)		\vdash	+		 	1	1	1		1			-	 		-		 	H	\dashv	<u> </u>
G1		-			-	1	1	1	-	1				 				-	H	\dashv	
Electrical & Electronics Engineering - (T129)								1	1	1		1	-	 		-		-	Н	\dashv	
Electrical & Electronics Engineering - (1129) Electrical Engineering - (T131)		+						1	1	1		1		 					$\vdash \vdash$	\dashv	
Electronics & Instrumentation Engineering - (T136)		+						1	1	1		1		 					$\vdash \vdash$	\dashv	
Instrumentation & Control Engineering - (T150)		╂	+		-	-	1	1	1	1		1		 		 		 	$\vdash \vdash$	\rightarrow	
instrumentation & Control Engineering - (1150)		1						1	1	1		1							لـــــا		

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Power Electronics & Drives - (PD)																					
G1																					
Electrical Engineering - (T131)										1											1
Electronics & Communication Engineering - (EC)																					1
Communication & Networks - (CW)																					1
G1																					1
Electronics & Communication Engineering - (T135)									1												1
Electronics & Telecom Engineering - (T137)									1												
Electronics Engineering - (T138)									1												-
Electronics and Instrumentation Engineering - (EI)																					
G1																					-
Applied Electronics & Instrumentation Engineering - (T104)									1			1								\neg	
Electrical & Electronics Engineering - (T129)									1			1								\neg	
Electrical Engineering - (T131)									1			1								\neg	
Electronics & Instrumentation Engineering - (T136)									1			1								\neg	
Electronics Engineering - (T138)									1			1								\neg	
G2						1													H	\dashv	
Electronics & Communication Engineering - (T135)						1			1			1							H	\dashv	
Electronics & Telecom Engineering - (T137)						1			1			1								\dashv	
Signal & Image Processing - (SI)		1				1													H	\dashv	
G1		1				1													H	\dashv	
Electronics & Communication Engineering - (T135)						1			1										H	\dashv	
Electronics & Telecom Engineering - (T137)									1										H	\dashv	_
Electronics Engineering - (T138)									1										H	\dashv	
VLSI Design & Embedded Systems - (VE)									_										H	\dashv	
G1		+				1	1	1											\vdash	\dashv	
Applied Electronics & Instrumentation Engineering - (T104)						1	-		1			1							\vdash	\dashv	
Electrical & Electronics Engineering - (T129)						1	-		1			1							\vdash	\dashv	
Electrical & Electronics Engineering - (T123)						1	-		1			1							\vdash	\dashv	
Electronics & Communication Engineering - (T135)						1	-		1			1							\vdash	\dashv	
Electronics & Communication Engineering - (1135)						1			1			1							\vdash	-+	
Electronics & Histrative Engineering - (T130)						1			1			1							Н	\dashv	
Electronics & relection Engineering - (1137)						1			1			1							Н	\dashv	
Mechanical Engineering - (ME)		-				-	-	-											\vdash	\dashv	
Cryogenics & Vacuum Technology - (CV)		-				-	-	-											\vdash	\dashv	
G1						-	-	-											\vdash	-	
						1	-	-	1	1		1		1					\vdash	-	
Chemical Engineering - (T117)		1	-	<u> </u>		1		1	1			1		1					$\vdash \vdash$	\dashv	
Electrical Engineering - (T131)		1		ļ		1		1	1	1		1		1	1				$\vdash\vdash$	\longrightarrow	
Electronics & Communication Engineering - (T135)		1	-	<u> </u>		1		1	1	1				1					$\vdash \vdash$	\dashv	
Instrumentation Engineering - (T151)		1	-	<u> </u>	1	1		-				1	-	1	1	-			Н	\dashv	
Mechanical Engineering - (T158)		1	+	<u> </u>	-	$\frac{1}{1}$	 	₩	1	1				1	-				Н	\dashv	
Machine Design & Analysis - (MA)		1		ļ		╂	1	1	<u> </u>	<u> </u>		ļ			 				$\vdash \vdash$	\longrightarrow	
G1 (7704)		1		<u> </u>	1	1	<u> </u>	<u> </u>	<u> </u>	_				<u> </u>	<u> </u>				Н		
Aeronautical Engineering - (T101)	1					1	<u> </u>	<u> </u>		<u> </u>				1					Ш		
Automobile Engineering - (T108)	1					1								1					ш		

Row Labels	AE	AG	G AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	МТ	PH	PI	TF	XE	XL
Mechanical Engineering - (T158)	1													1							
Production Engineering - (PU)																					
G1																					
Industrial Engineering - (T146)														1		1		1			
Manufacturing Engineering/Technology - (T155)														1		1		1			
Mechanical Engineering - (T158)														1		1		1			
Metallurgical & Materials Engineering - (T160)														1		1		1			
Polymer Technology - (T174)														1		1		1			
Production Engineering - (T177)														1		1		1			
Thermal Engineering - (TI)																					
G1																					
Aeronautical Engineering - (T101)	1	L				1								1							
Chemical Engineering - (T117)	1	L				1								1							
Mechanical Engineering - (T158)	1					1								1							
Metallurgical & Materials Engineering - (MT)																					
Metallurgical & Materials Engineering - (MM)																					
G1																					
Metallurgical & Materials Engineering - (T160)						1		1						1		1	1	1		1	
Metallurgical Engineering - (T162)						1		1						1		1	1	1		1	
G2																					
Ceramic Engineering - (T116)						1		1						1		1	1	1		1	
Chemical Engineering - (T117)						1		1						1		1	1	1		1	
Manufacturing Engineering/Technology - (T155)						1		1						1		1	1	1		1	
Mechanical Engineering - (T158)						1		1						1		1	1	1		1	
Production Engineering - (T177)						1		1						1		1	1	1		1	
Steel Technology - (ST)																					
G1																					
Metallurgical & Materials Engineering - (T160)						1								1		1				1	
Metallurgical Engineering - (T162)						1								1		1				1	
G2																					
Ceramic Engineering - (T116)						1								1		1				1	
Chemical Engineering - (T117)						1								1		1				1	
Mechanical Engineering - (T158)						1								1		1				1	
Mining Engineering - (MI)																					
Mining Engineering - (MI)																					
G1																					
Chemical Engineering - (T117)					1	. 1			1	1	1			1	1						
Civil Engineering - (T118)				1	1	. 1	1		1	1	1			1	1				М		
Electrical Engineering - (T131)					1	. 1			1	1	1			1	1				Г		
Electronics & Communication Engineering - (T135)		1			1	. 1			1	1	1			1	1				T	m	
Geology - (S515)		1			1	. 1			1	1	1			1	1				T	m	
Geophysics - (S539)					1	. 1			1	1	1			1	1				T	\vdash	
Mechanical Engineering - (T158)				1	1	. 1	1		1	1	1			1	1				┢		
Mining Engineering/Technology - (T167)					1	. 1			1	1	1			1					H		
National Institute of Technology Silchar - (SL)				1			1						 		1				\vdash	\vdash	
Mational institute of Technology Silchar - (SL)								1											ш'	<u> </u>	ш

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG I	N N	MΑ	ME	MN	MT	PH	PI	TF	XE	XL
Civil Engineering - (CE)																					
Earthquake Engineering - (EE)																			Πİ		
G1																			Πİ		
Civil Engineering - (T118)					1														Πİ		
Geotechnical Engineering - (GE)																			Πİ		
G1																			Πİ		
Civil Engineering - (T118)					1																
Transportation Engineering - (TE)																			Πİ		
G1																			Πİ		
Civil Engineering - (T118)					1														Πİ		
Water Resources Engineering - (WR)																			Πİ		
G1																			Πİ		
Civil Engineering - (T118)					1														Πİ		
Electrical Engineering - (EE)																			Πİ		
Control & Industrial Automation - (CL)																			Πİ		
G1																			Πİ		
Electrical Engineering - (T131)										1									r		
Power & Energy Systems Engineering - (PW)																			r		
G1																			r		
Electrical Engineering - (T131)										1									r		
Electronics & Communication Engineering - (EC)																			r		
Microelectronics & VLSI Design - (MG)																			r		
G1																			Πİ		
Electronics & Communication Engineering - (T135)									1										Πİ		
Mechanical Engineering - (ME)																			Πİ		
Design & Manufacturing - (DM)																			r		
G1																			r		
Mechanical Engineering - (T158)														1					Πİ		
Thermal Engineering - (TI)																			Πİ		
G1																			Πİ		
Mechanical Engineering - (T158)														1					Πİ		
National Institute of Technology Srinagar - (SG)																			Πİ		
Civil Engineering - (CE)																			r		
Structural Engineering - (SU)																			r		
G1																			Πİ		
Civil Engineering - (T118)					1														r		
Water Resources Engineering - (WR)																			r		
G1																			r		
Agriculture Engineering - (T103)		1	L		1														r		
Civil Engineering - (T118)		1	ı 🗆		1														\sqcap		
Electronics & Communication Engineering - (EC)			1																\sqcap		
Communication & Information Technology - (CI)			1			1	l												Πİ		
G1						1													ΠŤ		
Computer Science & Engineering - (T122)						1	1		1										ΠŤ		
Electrical Engineering - (T131)		1	1	†	1	1	1	†	1			-							\sqcap	\neg	

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	МТ	PH	PI	TF	XE	XL
Electronics & Communication Engineering - (T135)							1		1											i	
Information Technology - (T149)							1		1											l	
Mechanical Engineering - (ME)																				i	
Mechanical System Design - (MX)																				l	
G1																				l	
Mechanical Engineering - (T158)														1						l	
Mechatronics - (T159)														1						l	
National Institute of Technology Tiruchirapalli - (TY)																				l	
Chemical Engineering - (CH)																				Ī	
Chemical Engineering - (CE)																					
G1																				Ī	
Chemical Engineering - (T117)						1															
Electro-Chemical Engineering - (T134)						1															
Energy Engineering - (EY)																				Ī	
G1																					
Chemical Engineering - (T117)						1															
Electro-Chemical Engineering - (T134)						1															
G2																					
Mechanical Engineering - (T158)						1		1						1						\Box	
G3																					
Electrical & Electronics Engineering - (T129)										1											
Electrical Engineering - (T131)										1											
Process Control and Instrumentation - (PC)			1			1														Г	
G1			1			1														Г	
Chemical Engineering - (T117)			1			1														Г	
Electro-Chemical Engineering - (T134)						1														$\overline{}$	
G2																				$\overline{}$	
Applied Electronics & Instrumentation Engineering - (T104)			1			1						1								Г	
Electronics & Instrumentation Engineering - (T136)						1		1				1								\Box	
Instrumentation & Control Engineering - (T150)						1		1				1								\Box	
Instrumentation Engineering - (T151)						1	1	1				1								\Box	
Instrumentation Technology - (T152)						1						1								$\overline{}$	
G3						1	1	1												\Box	
Electrical & Electronics Engineering - (T129)						1	1	1		1										\Box	
Electrical Engineering - (T131)						1		1		1										\Box	
Civil Engineering - (CE)						1		1												\Box	
Environmental Engineering - (EV)						1		1												\Box	
G1						1		1												\Box	
Civil Engineering - (T118)			1		1	1	t	t												一	
Environmental Engineering - (T142)			1		1		1	1												$\overline{}$	
G2			1			1	1	1												$\overline{}$	
Biotechnology - (T113)			1	1		1	1	1												$\overline{}$	
Chemical Engineering - (T117)			1	1		1		1												$\overline{}$	
G3			1	 		+	1	1												$\overline{}$	
Mechanical Engineering - (T158)	_	1	+	 	1	+	1	1						1						$\overline{}$	\vdash

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Structural Engineering - (SU)																					1
G1																					l
Civil Engineering - (T118)					1	L															l
Structural Engineering - (T180)					1	L															Ī
Transportation Engineering & Management - (TG)																					Ī
G1																					Ī
Civil Engineering - (T118)					1	L															ŀ
Transportation Engineering - (T184)					1	L															ŀ
Computer Science & Engineering - (CT)																					Ī
Computer Science - (XS)																					Ī
G1																					
Computer Science & Engineering - (T122)							1														ī
Information Technology - (T149)							1														Ī
G2																					Ī
Electronics & Communication Engineering - (T135)									1												Ī
Electronics & Telecom Engineering - (T137)									1												1
Electronics Engineering - (T138)									1												
Electrical & Electronics Engineering - (ET)																					
Power Electronics - (PE)																			\Box	\neg	<u> </u>
G1																					
Electrical & Electronics Engineering - (T129)										1											
Electrical Engineering - (T131)										1											
Power System Engineering - (PS)																					1
G1																					1
Electrical & Electronics Engineering - (T129)										1											1
Electrical Engineering - (T131)										1										\neg	
Electronics & Communication Engineering - (EC)																					1
Communication Systems - (CY)																					1
G1																					1
Communication Engineering - (T210)									1												1
Electronics & Communication Engineering - (T135)									1												Ī
Electronics & Electrical Communication Engineering - (T235)									1												1
Electronics & Telecom Engineering - (T137)									1												1
Electronics Engineering - (T138)									1												1
Telecommunication Engineering - (T181)									1												1
VLSI Systems - (VY)																					1
G1																					1
Electronics & Communication Engineering - (T135)									1												1
Electronics & Electrical Communication Engineering - (T235)								Ì	1												
Electronics & Telecom Engineering - (T137)									1												
Electronics Engineering - (T138)									1											\Box	1
G2								Ì						Ì							ı
Applied Electronics & Instrumentation Engineering - (T104)							1			1		1									1
Computer Engineering - (T120)							1			1		1		Ì						\Box	
Computer Science & Engineering - (T122)							1			1		1		Ì						\neg	ı

Row Labels	AE	AG	i AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF X	E XL
Computer Technology - (T124)							1			1		1								
Control & Electrical Engineering - (T128)							1			1		1								
Electrical & Electronics Engineering - (T129)							1	L		1		1								
Electrical Engineering - (T131)							1			1		1								
Electronics & Instrumentation Engineering - (T136)							1			1		1								
Information Technology - (T149)							1			1		1								
Instrumentation & Control Engineering - (T150)							1			1		1								
Mechanical Engineering - (ME)																				
Industrial Safety Engineering - (IF)																			1	1
G1																			1	1
Mechanical Engineering - (T158)														1					1	1
Production Engineering - (T177)														1					1	1
G2																				
Electrical & Electronics Engineering - (T129)										1										
Electrical Engineering - (T131)										1									-	\dashv
G3																				
Chemical Engineering - (T117)						1														_
G4																				_
Civil Engineering - (T118)					1															_
Thermal Power Engineering - (TR)																			-	+
G1																			-	+
Mechanical Engineering - (T158)														1					-	+
Production Engineering - (T177)														1					-	+
Metallurgical & Materials Engineering - (MT)														<u> </u>					-	+
Industrial Metallurgy - (IY)																			-	+
G1																	\vdash		\vdash	+
Automobile Engineering - (T108)						1								1		1	\vdash	1	_	+
Chemical Engineering - (T117)						1								1		1	\vdash	1	\vdash	+
Industrial & Production Engineering - (T145)						1								1		1	\vdash	1	\vdash	+
Industrial Engineering - (T146)						1								1		1	\vdash	1	\vdash	+
Industrial Metallurgy - (T148)						1								1		1	\vdash	1	_	+
Material Science & Engineering/Technology - (T157)						1								1		1	┢	1	<u>-</u>	-
Mechanical Engineering - (T158)						1								1		1	\vdash	1	\vdash	+
Metallurgical & Materials Engineering - (T160)						1								1		1	 	1	-+	+
Metallurgical & Materials Technology - (T161)						1								1		1	 	1	-+	+
Metallurgical Engineering - (T162)						1								1		1		1	-	+
Metallurgical Engineering - (1102) Metallurgical Engineering & Material Science - (T163)						1								1		1	 	1	-	+
Metallurgy - (T164)						1								1		1	 	1	-	+
Production & Industrial Engineering - (T176)						1								1		1	 	1	\dashv	+
Production & industrial Engineering - (1176) Production Engineering - (T177)				-	-	1		+		-				1		1	 	1	+	+
					 	1	-	-		-				1		1	 	1	\dashv	+
Materials Science & Engineering - (MS)			_	<u> </u>	<u> </u>	<u> </u>	-	 		-				 		-	<u> </u>		+	+
G1					<u> </u>	-	1	1		 				<u> </u>		_	<u> </u>		\vdash	_
Applied Physics - (S503)			_	1	<u> </u>	1		1	<u> </u>	<u> </u>				1		1	1	1	\dashv	1
Applied Science - (S504)				1	<u> </u>	1		1		<u> </u>				1		1	1	1	\vdash	1
Ceramic Engineering - (T116)						1	-	1						1		1	1	1	ىلب	1

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY EC	EE	GG I	N I	MA	ME MN	MT	PH	PI	TF	XE	XL
Ceramic Technology - (T204)						1		1					1	1	1	1		1	
Chemical Engineering - (T117)						1		1					1	1	1	1		1	
Chemistry - (S508)						1		1					1	1	1	1		1	
Material Science & Engineering/Technology - (T157)						1		1					1	1	1	1		1	
Materials Science - (S518)						1		1					1	1	1	1		1	
Mechanical Engineering - (T158)						1		1					1	1	1	1	\vdash	1	
Metallurgical & Materials Engineering - (T160)						1		1				1	1	1	1	1		1	
Metallurgical & Materials Technology - (T161)						1		1					1	1	1	1	\vdash	1	
Metallurgical Engineering - (T162)						1		1					1	1	1	1	\vdash	1	
Metallurgical Engineering & Material Science - (T163)						1		1					1	1	1	1	\vdash	1	
Metallurgy - (T164)						1	-	1					1	1	1	1	\vdash	1	
Physics - (S523)						1		1					1	1	1	1	\vdash	1	
Polymer Science & Technology - (T173)						1		1		-	-		1	1	1	1	\vdash	1	
								1					1	1		1	\vdash	1	
Polymer Technology - (T174)						1		1		-			1	1		1	\dashv	1	
Production Engineering - (T177)						1		1		-			1		1	1	\vdash	1	
Welding Engineering - (WE)														ш			$\vdash \vdash$		
G1														ш			\vdash		
Automobile Engineering - (T108)													1	1		1	\sqcup		
Material Science & Engineering/Technology - (T157)													1	1		1	Ш		
Mechanical Engineering - (T158)													1	1		1	Ш		
Metallurgical & Materials Engineering - (T160)													1	1		1			
Metallurgical & Materials Technology - (T161)													1	1		1			
Metallurgical Engineering - (T162)													1	1		1	Ш		
Metallurgical Engineering & Material Science - (T163)													1	1		1	Ш		
Metallurgy - (T164)													1	1		1			1
Production Engineering - (T177)													1	1		1			
Physics - (PH)																			
Non Destructive Testing - (ND)																			
G1																			
Applied Physics - (S503)													1	1	1	1			
Materials Science - (S518)													1	1	1	1	\Box		
Mechanical Engineering - (T158)													1	1	1	1		\neg	
Metallurgical & Materials Engineering - (T160)													1	1	1	1	iπt		
Metallurgical & Materials Technology - (T161)													1	1	1	1	\vdash		
Metallurgical Engineering - (T162)											_		1	1	1	1		-	
Metallurgical Engineering & Material Science - (T163)													1	1	1	1	\vdash	-+	
Metallurgy - (T164)													1	1	1	1	r	\rightarrow	
Physics - (S523)							1		1	\vdash	\dashv		1	1	1	1	\dashv	\longrightarrow	
Production Engineering - (T177)										\vdash	_		1	1	1	1	\dashv	\longrightarrow	
Production Engineering - (177) Production Engineering - (PE)		-									\dashv		1	\vdash		1	\dashv	\longrightarrow	
Industrial Engineering - (IG)										\vdash	-			$\vdash\vdash$			\dashv	\longrightarrow	
G1	1	-					-	\vdash	-		\dashv		+	Ш			\dashv		
	1	-	-	-	-	-	-		-		\dashv	\dashv	1	Ш		1	\dashv		
Automobile Engineering - (T108)	1						<u> </u>		<u> </u>		_		1	igspace		1	\dashv		
Industrial & Production Engineering - (T145)	1						_		 		_		1	igspace		1	\dashv		
Industrial Engineering - (T146)													1	ட		1	Ш		

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG I	N	MA	ме м	и МТ	PH	PI 1	TF XE	XL
Manufacturing Engineering/Technology - (T155)														1			1		
Mechanical Engineering - (T158)														1			1		
Mechatronics - (T159)														1			1		
Production & Industrial Engineering - (T176)														1			1		
Production Engineering - (T177)														1			1		
Manufacturing Technology - (MF)																			
G1																			
Automobile Engineering - (T108)														1			1		
Industrial & Production Engineering - (T145)														1			1	\top	
Industrial Engineering - (T146)														1			1	\top	
Manufacturing Engineering/Technology - (T155)														1			1	\top	
Mechanical Engineering - (T158)														1			1	\top	
Production & Industrial Engineering - (T176)														1			1	1	_
Production Engineering - (T177)														1			1	\top	+
National Institute of Technology Warangal - (WL)																		1	_
Chemical Engineering - (CH)																		+	+
Computer Aided Process and Equipment Design - (XA)																		+	+
G1																		+	+-
Chemical Engineering - (T117)						1												+	+-
Civil Engineering - (CE)						_												+	+-
Construction Technology and Management - (CM)						1										-		-	+
G1						1										-		-	+
B. Arch (A401)			1		1										1	+		+	+
B. Planning - (A402)			1		1										1	-			_
Building & Construction Technology - (T114)			1		1										1			+	+
Civil Engineering - (T118)			1		1										1			+	+
Civil Environmental Engineering - (T119)			1		1										1	+		+	+
Civil Technology - (T209)			1		1										1			+	+
Computer Aided Design of Structures - (T212)			1		1										1	+		+	+
Construction & Project Management - (T220)			1		1	1									1	+		+	+
Construction Engineering - (T125)			1		1										1	-			_
Construction Engineering 4 (1123) Construction Engineering & Management - (T221)			1		1						-				1	-	 	-	+
Construction Technology - (T126)			1		1										1			+	+
Construction Technology & Management - (T222)			1		1	-									1			+	+
Mining & Machinery Engineering - (T166)			1		1						-				1	-	 	-	+
Mining Engineering/Technology - (T167)			1		1						-				1	-	 	-	+
Structural Engineering - (T180)		<u> </u>	1	-	1		<u> </u>				-				1	+		$+\!\!\!-$	+
		<u> </u>	1	-		-	<u> </u>				-				1	+		$+\!\!\!-$	+
Engineering Structures - (EU)		<u> </u>	<u> </u>	-	-	-	<u> </u>				-				_	+		$+\!\!\!-$	+
G1 Civil Engineering - (T118)		 	 		1		 									-	\vdash	+	+
	-				1										-	-	\vdash	+	+
Civil Technology - (T209)	-	 	 	-			 							_	-	+	\vdash	-	+
Computer Aided Design of Structures - (T212)	-	<u> </u>	<u> </u>	<u> </u>	1		<u> </u>								-	-	\vdash	+	+
Structural Engineering - (T180)	+-	 	 	<u> </u>	1	┼	 								-	+-	\vdash	$+\!\!\!-$	+-
Environmental Engineering - (EV)		<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>									1	 		\perp
G1		<u> </u>	<u> </u>				<u> </u>												

Row Labels	ΑE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Agricultural & Food Engineering - (T188)		1		1	1	. 1								1	1						
Agriculture Engineering - (T103)		1		1	1	. 1								1	1						
Biotechnology - (T113)		1		1	1	. 1								1	1						-
Chemical Engineering - (T117)		1		1	1	. 1								1	1						
Civil Engineering - (T118)		1		1	1	. 1								1	1						
Civil Environmental Engineering - (T119)		1		1	1	. 1								1	1						
Civil Technology - (T209)		1		1	1	. 1								1	1						
Environment & Pollution Control - (T247)		1		1	1	. 1								1	1						
Environmental Engineering - (T142)		1		1	1	. 1								1	1			П	П	-	
Environmental Science & Engineering/Technology - (T248)		1		1	1	. 1								1	1			П	П	-	
Irrigation Engineering - (T153)		1		1	1	. 1								1	1			П	П	-	
Mechanical Engineering - (T158)	1	1		1	1	1								1	1		$\neg \neg$	М	H	\neg	
Mine Engineering - (T284)	1	1		1	1	1								1	1		\neg	М		\dashv	
Mining & Machinery Engineering - (T166)	1	1		1										1	1		\neg	М		\dashv	
Mining Engineering/Technology - (T167)	1	1		1										1	1		\vdash	\vdash	H	\dashv	
Water Management - (T186)	1	1		1		1								1	1		$\overline{}$	Н	H	\neg	
Geotechnical Engineering - (GE)	1	_	-	_	_	1 -	1										\dashv	Н	\vdash	\dashv	
G1	1																-	Н	\vdash	$\neg \neg$	
Civil Engineering - (T118)					1										1		\neg	Н	H	\dashv	
Civil Technology - (T209)					1										1		\neg	Н	H	\dashv	
Mine Engineering - (T284)	1		1		1	4	1								1		\dashv	Н	\vdash	\dashv	
Mining & Machinery Engineering - (T166)	1		1		1	4	1								1		\dashv	Н	\vdash	\dashv	
Mining Engineering/Technology - (T167)	1		1		1		1								1		\dashv	Н	\vdash	\dashv	
Remote Sensing & Geographic Information Systems - (RG)	1		1			-	1										\dashv	Н	\vdash	\dashv	
G1	1																$\neg \neg$	\vdash	H	\dashv	
Agriculture Engineering - (T103)	1	1	1		1	_											$\neg \neg$	\vdash	H	\dashv	
Architecture & Regional Planning - (A409)	1	1			1	1											\vdash	\vdash	H	\dashv	
Architecture & Regional Planning - (T193)	1	1			1												\vdash	\vdash	H	\dashv	
B. Planning - (A402)	1	1			1												$\neg \neg$	М	H	\neg	
Civil Engineering - (T118)	1	1			1												$\neg \neg$	М	H	\neg	
Civil Engineering & Planning - (T208)	1	1			1												\neg	М		\dashv	
Civil Environmental Engineering - (T119)	1	1			1												$\neg \neg$	М	H	\neg	
Civil Technology - (T209)	1	1	1		1												$\neg \neg$	М	H	\neg	
Environmental Engineering - (T142)		1	1		1	1											\neg	Н	H	\dashv	
Geo Informatics - (T258)		1			1												\neg	Н	H	\dashv	
Highway Engineering - (T143)	1	1			1												$\overline{}$	Н	H	\dashv	_
Planning - (A408)	1	1	-		1												$\overline{}$	Н	H	\dashv	_
Planning - (T171)	1	1			1	+	1										\dashv	Н	\vdash	\dashv	
Town & Country Planning - (A405)	1	1			1	_											\vdash	H	\vdash	\dashv	
Town & Country Planning - (A403) Town & Country Planning - (T322)	+-	1			1		+	\vdash									\dashv	$\vdash \vdash$	H	\dashv	
Town Planning - (A404)	1	1			1		+	\vdash										$\vdash \vdash$	H	\dashv	
Town planning - (T183)	1	1			1	1	1											$\vdash \vdash$	Н	\dashv	
Transportation Engineering - (T184)	1-	1	-		1	4	1				\vdash			+				$\vdash \vdash$	$\vdash \vdash$		
Water Management - (T186)	+	1			1	1	1	\vdash			\vdash							$\vdash \vdash$	H		
	╂		1		1	-	+	\vdash										$\vdash \vdash$	$\vdash \vdash$		
Transportation Engineering - (TE)	1	<u> </u>			1	1	1										لــــــا		ш		

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF X	(E)	ΧL
G1																					
Architectural Engineering - (A406)			1	L		1															
Architectural Engineering - (T106)			1	L		1															
Architecture - (A407)			1	L		1															
Architecture - (T107)			1	L		1															
Architecture & Regional Planning - (A409)			1	L		1															
Architecture & Regional Planning - (T193)			1	L		1															
B. Arch (A401)			1	L		1															
B. Planning - (A402)			1	L		1														\neg	_
Civil Engineering - (T118)			1	L		1														\neg	
Civil Engineering & Planning - (T208)			1	1		1														\neg	
Civil Environmental Engineering - (T119)			1			1															_
Civil Technology - (T209)			1	_		1															_
Geo Informatics - (T258)			1	L		1															_
Highway Engineering - (T143)			1			1														_	
Planning - (A408)			1	_		1														_	
Planning - (T171)			1			1														-+	_
Town & Country Planning - (A405)			1			1														\dashv	
Town & Country Planning - (T322)			1			1														-+	_
Town Planning - (A404)			1		_	1														\dashv	
Town planning - (T183)			1			1														\dashv	
Transportation Engineering - (T184)			1		_	1														\dashv	
Transportation Urban planning - (T185)			1		_	1	1	1							1					-	_
Water Resources Engineering - (WR)			+		-	_	1	1							1					-	_
G1																				\dashv	
Agricultural & Food Engineering - (T188)		-	1	1	-	1	1	1							1					-	_
Agriculture Engineering - (T103)			1			1	1	1							1					-	_
Civil Engineering - (T118)			1			1	1	1							1					-	_
Civil Environmental Engineering - (T119)		4	1			1	1	1							1					-	_
Civil Technology - (T209)		4	1			1	1	1							1					-	_
Environmental Engineering - (T142)			1			1	1	1							1					-	_
Irrigation Engineering - (T153)		4	1	+		1	1	1							-					-	_
Water Management - (T186)			1	+	_	1	1								-					-	_
Computer Science & Engineering - (CT)			-		+-	_	-												H	+	
Computer Science & Engineering - (XG)					+-		-												H	+	
G1																				-	
Computer & Communication Engineering - (T211)							1													+	_
Computer Engineering - (T120)							1													+	_
Computer Engineering - (1120) Computer Engineering & Application - (T213)		-		+			1		l -				 					-	\vdash	\dashv	_
Computer Science - (T121)		-		+			1		 				 					-	\vdash	\dashv	_
Computer Science - (1121) Computer Science & Engineering - (T122)		1		+	+		1		!				1	l	1	1			\vdash	+	_
Computer Science & Engineering - (1122) Computer Science & Information Technology - (T123)		-	-	1	+-	-	1		-	-			-		-	-		-	\vdash	\dashv	
Computer Science & Information Technology - (1123) Computer Science & Systems Engineering - (T215)		1	-	1	-	-	1 1		<u> </u>				-	<u> </u>	1	1			\vdash	\dashv	_
		1	-	+	-	-	1 1		 	-			 	<u> </u>				-		\dashv	
Computer Science & Technology - (T216) Computer Technology - (T124)		<u> </u>		<u> </u>		-	1 1			<u> </u>			<u> </u>						$\sqcup \bot$		

Row Labels	ΑE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	РН	PI	TF	XE	XL
Information & Communication Technology - (T265)							1														
Information Engineering - (T266)							1														
Information Science & Engineering/Technology - (T268)							1														
Information Technology - (T149)							1														
MCA - (B453)							1														
Software Engineering - (T313)							1														
Information Security - (IS)																				\neg	
G1																				\neg	
Computer & Communication Engineering - (T211)							1													\neg	
Computer Engineering - (T120)							1													\neg	
Computer Engineering & Application - (T213)							1													\neg	
Computer Science - (T121)							1												П	\neg	
Computer Science & Engineering - (T122)							1												П	\neg	
Computer Science & Information Technology - (T123)							1												П	\neg	
Computer Science & Systems Engineering - (T215)							1													\dashv	
Computer Science & Technology - (T216)							1												П	\neg	
Computer Technology - (T124)							1												H	\dashv	
Information & Communication Technology - (T265)							1												H	\dashv	
Information Engineering - (T266)							1												H	\dashv	
Information Science & Engineering/Technology - (T268)							1												H	\dashv	
Information Technology - (T149)							1												H	\dashv	
MCA - (B453)							1												H	\dashv	
Software Engineering - (T313)							1												H	\dashv	
Electrical Engineering - (EE)							1 -												H	\dashv	
Power Electronics & Drives - (PD)																			H	\dashv	
G1			1					1											\vdash	\dashv	
Electrical & Electronics Engineering - (T129)										1									H	\dashv	
Electrical Engineering - (T131)			1					1		1									\vdash	\dashv	
Power System Engineering - (PS)										_									H	\dashv	
G1																			H	\dashv	
Electrical & Electronics Engineering - (T129)			1							1									H	\dashv	
Electrical Engineering - (T131)			1					1		1									\vdash	\dashv	
Electrical Engineering (1331) Electrical Engineering (Power) - (T132)										1									H	\dashv	
Electrical Power Engineering - (T133)			1					1		1									\vdash	\dashv	
Electronics & Communication Engineering - (EC)							-			-									H	\dashv	
Advanced Communication Systems - (AS)							-												H	\dashv	
G1							-												H	\dashv	
Electronics & Communication Engineering - (T135)		-	+				1	1	1	1				 					\vdash	\longrightarrow	
Electronics Instrumentation - (EM)							-												H	\dashv	
G1	+		+	 	 	1	+-	1		1			 	 					H	\dashv	
Electronics & Communication Engineering - (T135)	-		1	<u> </u>	<u> </u>	1	+-	1	1	1				 					H	\rightarrow	
Electronics & Communication Engineering - (T133)			1	 	 		1	1	1				-	 					Н	\dashv	
VLSI Systems Design - (VD)	+		+	!	!		1	1						1					$\vdash \vdash$	\dashv	
G1	+		+	!	!		1	1						1					$\vdash \vdash$	\dashv	
Electronics & Communication Engineering - (T135)	+	1	+-	 	 	1	+	1	1	-			 	 	-				$\vdash \vdash$	\rightarrow	
Electronics & Continualitation Engineering - (1135)		<u> </u>	1				<u> </u>	1	1										ш		

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	ΧE	XL
Mechanical Engineering - (ME)																					
Automobile Engineering - (AE)																					
G1																					
Aeronautical Engineering - (T101)	1													1							
Aerospace Engineering - (T102)	1													1							
Automobile Engineering - (T108)	1													1							
Automotive Engineering - (T195)	1													1							
Automotive Technology - (T196)	1													1							
Mechanical Engineering - (T158)	1													1							
Mechanical Engineering Automobile - (T280)	1													1							
Mechatronics - (T159)	1													1							
Computer Integrated Manufacturing - (XI)																					
G1																					
Advanced Manufacturing & Mechanical Systems Design - (T187)														1				1			
Industrial & Management Engineering - (T261)														1				1			
Industrial & Production Engineering - (T145)														1				1			
Industrial Engineering - (T146)														1				1			
Industrial Engineering & Management - (T147)														1				1			
Industrial Management - (T264)														1				1			
Industrial Manufacturing Engineering - (T144)														1				1			
Machine Tools Engineering - (T272)														1				1			
Manufacturing Engineering/Technology - (T155)														1				1			
Manufacturing Process - (T274)														1				1			
Manufacturing Science & Engineering - (T275)														1				1			
Mechanical & Automation Engineering - (T279)														1				1			
Mechanical Engineering - (T158)														1				1			
Mechatronics - (T159)														1				1			
Nanotechnology & Robotics - (T287)														1				1			
Production & Industrial Engineering - (T176)														1				1			
Production Engineering - (T177)														1				1			
Production Engineering & Management - (T178)														1				1			
Robotics & Automation - (T307)														1				1			
Manufacturing Engineering - (MU)																					
G1																					
Advanced Manufacturing & Mechanical Systems Design - (T187)														1				1			
Industrial & Production Engineering - (T145)														1				1			
Industrial Manufacturing Engineering - (T144)														1				1			
Machine Tools Engineering - (T272)														1				1			
Manufacturing Engineering/Technology - (T155)														1				1			
Manufacturing Process - (T274)				l	l	1	1							1				1	\Box		
Manufacturing Science & Engineering - (T275)				l	l	1	1							1				1	\Box		
Mechanical & Automation Engineering - (T279)		1	+				1							1				1	\Box		
Mechanical Engineering - (T158)		1	+				1							1				1	\Box		
Mechatronics - (T159)						1	1							1				1	\Box		
Precision Manufacturing - (T301)		t		1	1	<u> </u>	1							1				1	\vdash		

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG II	I M	IA N	/IE MN	MT	PH	PI	TF XI	E	XL
Production & Industrial Engineering - (T176)														1			1		丁	
Production Engineering - (T177)														1			1		7	
Production Engineering & Management - (T178)														1			1			
Robotics & Automation - (T307)														1			1		7	
Tool Engineering - (T321)														1			1		7	
Product Design and Development - (PV)																			7	
G1																			7	
Advanced Manufacturing & Mechanical Systems Design - (T187)	1													1			1		7	
Aeronautical Engineering - (T101)	1													1			1		+	
Aerospace Engineering - (T102)	1													1			1		+	
Automobile Engineering - (T108)	1													1			1		_	
Engineering Design - (T246)	1													1			1		+	
Industrial & Production Engineering - (T145)	1													1			1		+	
Manufacturing Engineering/Technology - (T155)	1													1			1		+	
Mechanical & Automation Engineering - (T279)												+		1			1		\dashv	
Mechanical Engineering - (T158)	1													1			1		+	
Mechatronics - (T159)														1			1		+	
Production & Industrial Engineering - (T176)	1											-		1			1		\dashv	
Production Engineering - (T177)														1			1		+	
Production Engineering & Management - (T178)	1													1			1		+	
Thermal Engineering - (TI)	-	1												_			-		+	
G1		1																	+	
Aeronautical Engineering - (T101)	1											+		1					\dashv	
Aerospace Engineering - (T102)												+		1					\dashv	
Automobile Engineering - (T108)		4										-		1					\dashv	
Automotive Engineering - (T195)	1													1					\dashv	
Automotive Technology - (T196)														1					+	
Energy Engineering - (T139)	1											+		1					\dashv	
Mechanical Engineering - (T158)												+		1					\dashv	
Mechanical Engineering Automobile - (T280)												+		1					\dashv	
Renewable Energy - (T179)												+		1					\dashv	
Metallurgical & Materials Engineering - (MT)												+							\dashv	
Industrial Metallurgy - (IY)												+							\dashv	
G1		1																	+	
Chemical Engineering - (T117)		1				1		1						1	1	1			+	
Chemistry - (S508)		1				1		1						1	1	1			+	
Industrial Metallurgy - (T148)		1				1		1						1	1				+	
Material Science & Engineering/Technology - (T157)		1				1	+	1						1	1	1			+	
Material Science & Metallurgical Engineering - (T277)						1	4	1						1	1	1			\dashv	
Materials & Metallurgical Engineering - (T278)		1			1	1		1				-	-	1	1	1			十	
Mechanical Engineering - (T158)					1	1		1						1	1	1			十	
Metallurgical & Materials Engineering - (T160)		1	-	1	1	1		1		 		+	+	1	1	1	1	-	+	
Metallurgical & Materials Technology - (T161)		1		1	1	1		1		1		+	+	1	1	1		-	+	
Metallurgical Engineering - (T162)		1		1	1	1	4	1		1		+	+	1	1			-	+	
Metallurgical Engineering & Material Science - (T163)		1		1	1	1		1		1		-	\dashv	1	1			-	\dashv	

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY EC	EE	GG	IN	MA	ME	MN	MT	РН	PI	TF	XE	XL
Metallurgy - (T164)						1		1					1		1	1				
Mineral Dressing - (T285)						1		1					1		1	1				
Mineral Engineering - (T286)						1		1					1		1	1				
Mineral Processing - (T165)						1		1					1		1	1				
Physics - (S523)						1		1					1		1	1				
Materials Technology - (MT)																				
G1	1			 	1															-
Chemical Engineering - (T117)	1			 	1	1		1					1		1	1				-
Chemistry - (S508)		-	<u> </u>		 	1		1					1		1	1				-
Industrial Metallurgy - (T148)			\vdash	\vdash	\vdash	1		1					1		1	1				
Material Science & Engineering/Technology - (T157)	1			\vdash	\vdash	1		1					1		1	1				
Material Science & Metallurgical Engineering - (T277)	+	\vdash		\vdash		1		1					1		1	1				
Materials & Metallurgical Engineering (1277) Materials & Metallurgical Engineering - (T278)	1	\vdash	-	 		1		1					1		1	1				
Mechanical Engineering - (T158)	1		-	₩	┢	1		1					1		1	1				
Metallurgical & Materials Engineering - (T160)			-			1		1					1		1	1		\vdash		-
Metallurgical & Materials Technology - (T161)	+	\vdash	\vdash		 	1		1					1		1	1		\vdash		-
Metallurgical Engineering - (T162)	-	 	├─	₩	├	1		1					1		1	1		\vdash		-
Metallurgical Engineering & Material Science - (T163)	-	<u> </u>	₩	₩	₩	1		1					1		1	1		\vdash		├
Metallurgy - (T164)		<u> </u>	—		₩	1		1					1		1	1		\vdash		├─
Mineral Engineering - (T286)	1		-		├─	1		1					1		1	1		\vdash		-
	-	_		₩	├											_		\vdash		├─
Mineral Processing - (T165)	-	<u> </u>	├	₩	├	1	-	1					1		1	1		\vdash		├ ─
Physics - (S523)		<u> </u>	↓	-	├ ─	1	-	1					1		1	1				├ ─
Sardar Vallabhbhai National Institute of Technology Surat - (ST)		<u> </u>	<u> </u>	<u> </u>	<u> </u>													Ш		<u> </u>
Applied Mechanics - (AM)		<u> </u>	<u> </u>	Ь—	↓		ļ											Ш		<u> </u>
Soil Mechanics & Foundation Engineering - (SM)		<u> </u>	<u> </u>	ــــــ	<u> </u>													\sqcup		<u> </u>
G1		<u> </u>	<u> </u>	<u> </u>	ļ													Ш		<u> </u>
Civil Engineering - (T118)		<u> </u>	<u> </u>	<u> </u>	1													Ш		<u> </u>
Structural Engineering - (SU)		<u> </u>	<u> </u>	Ь	<u> </u>															<u> </u>
G1		<u> </u>	<u> </u>	Ь	<u> </u>															<u> </u>
Civil Engineering - (T118)					1															
Chemical Engineering - (CH)																				
Chemical Engineering - (CE)																				
G1																				
Chemical Engineering - (T117)						1														
Chemical Technology - (T207)						1														
Civil Engineering - (CE)																				
Environmental Engineering - (EV)																				
G1																				
Civil Engineering - (T118)					1															
Environmental Engineering - (T142)					1													П		
Transportation Engineering & Planning - (TP)	1																			
G1	1			t																
Civil Engineering - (T118)	1			t	1				1											
Urban Planning - (UP)	1			\vdash	┢				1											

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG I	N I	MA	ME	MN	MT	PH	PI	TF	XE	XL
B. Arch (A401)			1		1														П		
B. Planning - (A402)			1		1														iΠ		
Civil Engineering - (T118)			1		1														iΠ		
Transportation Urban planning - (T185)			1		1														iΠ		
Water Resources Engineering - (WR)																			iΠ		
G1																			iΠ		
Agriculture Engineering - (T103)					1														iΠ		
Civil Engineering - (T118)					1														iΠ		
Irrigation Engineering - (T153)					1														ıΤ	\neg	
Water Management - (T186)					1														iΤ	\neg	
Computer Engineering - (CX)																			iΤ	\neg	
Computer Engineering - (XE)																			ıΤ	\neg	
G1																			iΤ	\neg	
Computer Engineering - (T120)							1												iΤ	\neg	
Computer Science & Engineering - (T122)							1												iΤ	\neg	
Electronics Engineering - (T138)							1												iΤ	\neg	
Information Technology - (T149)							1												ιt	\neg	
Electrical Engineering - (EE)																			ιt	\neg	
Power Electronics & Electrical Drives - (PL)																			ιt	\neg	
G1																			ιt	\neg	
Electrical & Electronics Engineering - (T129)										1									ιt	\neg	
Electrical Engineering - (T131)										1									ιt	\neg	
Electronics & Communication Engineering - (T135)										1									ιt	\neg	
Electronics Engineering - (T138)										1									ιt	\neg	
Instrumentation & Control Engineering - (T150)										1									ιt	\neg	
Power Electronics - (T175)										1									\Box	\neg	
Power System - (PO)																			\Box	\neg	
G1																			\Box	\neg	
Electrical & Electronics Engineering - (T129)										1									ιt	\neg	
Electrical & Power Engineering - (T229)										1									ιt	\neg	
Electrical Engineering - (T131)										1									ιt	\neg	
Energy Engineering - (T139)										1									ιt	\neg	
Power Electronics - (T175)										1									ιt	\neg	
Electronics Engineering - (EL)																			ιt	\neg	
Communication Systems - (CY)																			ιt	\neg	
G1																			ιt	\neg	
Electrical Engineering - (T131)									1										ιt	\neg	
Electronics & Communication Engineering - (T135)						1	1		1			1							一	\dashv	
Electronics & Telecom Engineering - (T137)						1	1		1			1							一	\dashv	
Electronics Engineering - (T138)						1	1		1			1							一	\dashv	
VLSI & Embedded Systems - (VS)						1	1												一	\dashv	
G1						t	t												一	\dashv	
Computer Engineering - (T120)						t	t		1	1									一	\dashv	
Electrical Engineering - (T131)			1			1	1		1										一	\dashv	\vdash
Electronics & Communication Engineering - (T135)		1	+	1	1	1	1	1	1										一十	\dashv	\vdash

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	МТ	PH	PI	TF	XE	XL
Electronics Engineering - (T138)									1	1											
Mechanical Engineering - (ME)																					
CAD-CAM - (CC)																					
G1																					
Automobile Engineering - (T108)														1				1			
Industrial Engineering - (T146)														1				1			
Mechanical Engineering - (T158)														1				1			
Production Engineering - (T177)														1				1			
Industrial Process & Equipment Design - (IQ)																					
G1																					
Mechanical Engineering - (T158)														1				1			
Production Engineering - (T177)														1				1			
Mechanical Engineering - (ME)																					
G1																					
Automobile Engineering - (T108)														1				1			
Industrial Engineering - (T146)														1				1			
Mechanical Engineering - (T158)														1				1			
Production & Industrial Engineering - (T176)														1				1			
Production Engineering - (T177)														1				1			
Thermal Systems Design - (TD)																					
G1																					
Automobile Engineering - (T108)														1							
Mechanical Engineering - (T158)														1							
Turbo Machines - (TM)																					
G1																					
Aeronautical Engineering - (T101)	1													1							
Mechanical Engineering - (T158)	1													1							
Visvesvaraya National Institute of Technology Nagpur - (NG)																					
Applied Mechanics - (AM)																					
Structural Dynamics & Earthquake Engineering - (SD)																					
G1																					
Civil Engineering - (T118)					1																-
Structural Engineering - (T180)					1	1															-
Structural Engineering - (SU)																					
G1																					
Civil Engineering - (T118)					1																
Structural Engineering - (T180)					1																
Architecture & Planning - (AP)																					
Urban Planning - (UP)			t																		
G1			1																		<u> </u>
B. Arch (A401)			1		1	 															-
B. Planning - (A402)			1		1																<u> </u>
Civil Engineering - (T118)			1		1	 															-
Civil Engineering - (CE)			+ -		Ť	 															-
Construction Technology and Management - (CM)		1	1	<u> </u>	 	<u> </u>	1	1	 	 				!	1			-	1		\vdash

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
G1																					
Civil Engineering - (T118)					1																T
Environmental Engineering - (EV)																					
G1																					
Civil Engineering - (T118)					1																
Environmental Engineering - (T142)					1																
Transportation Engineering - (TE)																					1
G1																					
Civil Engineering - (T118)					1																†
Water Resources Engineering - (WR)																					†
G1																					†
Civil Engineering - (T118)					1																†
Computer Science & Engineering - (CT)																					†
Computer Science & Engineering - (XG)																					†
G1																					†
Applied Electronics & Telecommunication Engineerin - (T191)							1														1
Automation & Robotics - (T194)							1														†
Communication Engineering - (T210)							1														<u> </u>
Computer Engineering - (T120)							1														†
Computer Engineering & Application - (T213)							1														†
Computer Networking - (T214)							1														\vdash
Computer Science - (T121)							1														\vdash
Computer Science & Engineering - (T122)							1														\vdash
Computer Science & Information Technology - (T123)							1														†
Computer Science & Systems Engineering - (T215)							1														†
Computer Science & Technology - (T216)							1														\vdash
Computer Technology - (T124)							1														\vdash
Computing in Computing - (T217)							1														\vdash
Computing in Multimedia - (T218)							1														†
Computing in Software - (T219)							1														<u> </u>
Construction Engineering & Management - (T221)							1														+
Electronics & Communication Engineering - (T135)							1														<u> </u>
Electronics & Computer Engineering - (T233)							1														<u> </u>
Electronics & Control Systems - (T234)							1														+
Electronics & Electrical Communication Engineering - (T235)							1														+-
Electronics & Information Systems - (T237)							1														\vdash
Electronics & Instrumentation Engineering - (T136)							1														\vdash
Electronics & Telecom Engineering - (T137)							1														\vdash
Electronics & relecting (1137) Electronics Communication & Instrumentation Engine - (T240)	+		1			1	1														+
Electronics Design Technology - (T241)	+		1			1	1														+-
Electronics Engineering - (T138)							1														\vdash
Electronics Instrument & Control - (T242)	+		1			1	1		 	1		-								 	+-
Information & Communication Technology - (T265)	-	-	1			1	1			1											+-
Information Engineering - (T266)	-	-	1			1	1			1											+-
mornidation Engineering (1200)	1	1	1	1	1	1	1 -	1	1	1	1			1	l	I		ı	1		

Row Labels	ΑE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Information Science & Engineering/Technology - (T268)							1														
Information Technology - (T149)							1														
Software Engineering - (T313)							1														-
Telecommunication Engineering - (T181)							1														-
Electrical Engineering - (EE)																					
Integrated Power Systems - (IW)																					
G1																				\neg	
Control & Electrical Engineering - (T128)										1										\neg	
Control & Instrumentation - (T223)										1									П	\neg	
Control Engineering - (T127)										1									П	\neg	
Electrical & Instrumentation Engineering - (T228)										1									П	\neg	
Electrical & Electronics Engineering - (T129)										1										\dashv	
Electrical & Instrumentation Engineering - (T130)								1		1		1							H	\dashv	
Electrical & Power Engineering - (T229)								1		1		1							H	\dashv	
Electrical Engineering - (T131)								1		1		1							H	\dashv	
Electrical Engineering & Industrial Control - (T227)								1		1		1							H	\dashv	
Electrical Engineering (Power) - (T132)										1									H	\dashv	
Electrical Instrumentation & Control Engineering - (T230)										1									H	\dashv	_
Electrical Power Engineering - (T133)										1									H	\dashv	
Electronics & Electrical Engineering - (T236)										1									H	\dashv	
Electronics & Power Engineering - (T238)										1									H	\dashv	
Industrial Electronics - (T263)										1									H	\dashv	_
Power Control & Drives - (T299)										1									H	\dashv	_
Power Electronics - (T175)										1									H	\dashv	_
Renewable Energy - (T179)										1									H	\dashv	_
Solar & Alternate Energy - (T314)			1					1		1									\vdash	\dashv	
Power Electronics & Drives - (PD)										_									H	\dashv	_
G1																			H	\dashv	_
Control & Electrical Engineering - (T128)										1									H	\dashv	_
Control & Instrumentation - (T223)										1									H	\dashv	
Control Engineering - (T127)								1		1									H	\dashv	_
Electrical & Instrumentation Engineering - (T228)			1					1		1		+							\vdash	\dashv	_
Electrical & Electronics Engineering - (T129)			1					1		1		+							\vdash	\dashv	_
Electrical & Instrumentation Engineering - (T130)										1									H	\dashv	
Electrical & Power Engineering - (T229)										1									H	\dashv	
Electrical Engineering - (T131)										1									H	\dashv	
Electrical Engineering - (1131) Electrical Engineering & Industrial Control - (T227)										1									H	\dashv	
Electrical Engineering & Madastrial Control - (1227)										1									H	\dashv	
Electrical Instrumentation & Control Engineering - (T230)										1									H	\dashv	
Electrical Institution & Control Engineering - (1230)	+									1									\vdash	\dashv	
Electronics & Electrical Engineering - (T236)	+									1									\vdash	\dashv	
Electronics & Electrical Engineering - (1236)	-		1	-	-	1	1	1	-	1				-					\vdash	\dashv	
Industrial Electronics - (T263)	-		1	-	-	1	-	1	-	1				-					$\vdash \vdash$	\dashv	
Power Control & Drives - (T299)	-		-					1-		1				-					H		
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Power Electronics - (T175)										1									ш		

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	IN	MA	ME	MN	MT	PH	PI	TF	XE	XL
Renewable Energy - (T179)										1											
Solar & Alternate Energy - (T314)										1											
Electronics Engineering - (EL)																					
Communication Systems Engineering - (CS)																					
G1																					
Applied Electronics & Telecommunication Engineerin - (T191)									1												
Communication Engineering - (T210)									1												
Electronics & Communication Engineering - (T135)									1												
Electronics & Telecom Engineering - (T137)									1												
Electronics Engineering - (T138)									1												
Telecommunication Engineering - (T181)									1												
VLSI Design - (VN)																					1
G1																					
Applied Electronics & Telecommunication Engineerin - (T191)									1												
Electronics & Communication Engineering - (T135)									1												
Electronics & Telecom Engineering - (T137)									1												
Electronics Engineering - (T138)									1												
VLSI System Design - (T323)									1												
Mechanical Engineering - (ME)																					
CAD-CAM - (CC)																					
G1																					
Advanced Manufacturing & Mechanical Systems Design - (T187)														1				1			
Engineering Design - (T246)														1				1			
Industrial & Management Engineering - (T261)														1				1			
Industrial & Production Engineering - (T145)														1				1			
Industrial Engineering - (T146)														1				1			
Industrial Engineering & Management - (T147)														1				1			
Industrial Management - (T264)														1				1			
Industrial Manufacturing Engineering - (T144)														1				1			
Machine Tools Engineering - (T272)														1				1			
Manufacturing Engineering/Technology - (T155)														1				1			
Manufacturing Process - (T274)														1				1			
Manufacturing Science & Engineering - (T275)														1				1			
Mechanical & Automation Engineering - (T279)														1				1			
Mechanical Engineering - (T158)														1				1			
Mechanical Engineering Automobile - (T280)														1				1			
Production & Industrial Engineering - (T176)														1				1			
Production Engineering - (T177)														1				1			
Production Engineering & Management - (T178)														1				1			
Robotics & Automation - (T307)				1	1	1	1		†					1				1			\vdash
Heat Power - (HP)				1	1	1	1		1					-							\vdash
G1		-	-				1	1	 												
Mechanical Engineering - (T158)	_	\vdash	+	<u> </u>	<u> </u>	 	+	1	 		\vdash			1				-			\vdash
Industrial Engineering - (IG)		-	-				+	1	 		-										\vdash
maastat Engineering (10)	1	i		1	i	i	1	1	1	1	1			ı	ı			ı			ь

Row Labels	AE	AG	AR	ВТ	CE	СН	CS	CY	EC	EE	GG	N	MA	ME MN	MT	PH	PI	TF XE	XL
Advanced Manufacturing & Mechanical Systems Design - (T187)														1			1		
Engineering Design - (T246)														1			1		\top
Industrial & Management Engineering - (T261)														1			1		
Industrial & Production Engineering - (T145)														1			1		
Industrial Engineering - (T146)														1			1		
Industrial Engineering & Management - (T147)														1			1		
Industrial Management - (T264)														1			1		
Industrial Manufacturing Engineering - (T144)														1			1		
Machine Tools Engineering - (T272)														1			1		
Manufacturing Engineering/Technology - (T155)														1			1		
Manufacturing Process - (T274)														1			1		
Manufacturing Science & Engineering - (T275)														1			1		
Mechanical & Automation Engineering - (T279)														1			1		
Mechanical Engineering - (T158)														1			1		\top
Mechanical Engineering Automobile - (T280)														1			1		
Production & Industrial Engineering - (T176)														1			1		
Production Engineering - (T177)														1			1		
Production Engineering & Management - (T178)														1			1		
Robotics & Automation - (T307)														1			1		1
Metallurgical & Materials Engineering - (MT)																			1
Materials Engineering - (ML)																			1
G1																			1
Applied Physics - (S503)						1		1						1	1	1	1		1
Ceramic Engineering - (T116)						1		1						1	1	1	1		1
Chemical Engineering - (T117)						1		1						1	1	1	1		1
Chemistry - (S508)						1		1						1	1	1	1		1
Industrial & Production Engineering - (T145)						1		1						1	1	1	1	\neg	1
Industrial Chemistry - (S516)						1		1						1	1	1	1		1
Industrial Engineering - (T146)						1		1						1	1	1	1	_	1
Material Science & Engineering/Technology - (T157)						1		1						1	1	1	1	\neg	1
Material Science & Metallurgical Engineering - (T277)						1		1						1	1	1	1		1
Materials & Metallurgical Engineering - (T278)						1		1						1	1	1	1		1
Materials Science - (S518)						1		1						1	1	1	1		1
Mechanical Engineering - (T158)						1		1						1	1	1	1	_	1
Metallurgical & Materials Engineering - (T160)						1		1						1	1	1	1	\neg	1
Metallurgical & Materials Technology - (T161)						1		1						1	1	1	1		1
Metallurgical Engineering - (T162)						1		1						1	1	1	1	_	1
Metallurgical Engineering & Material Science - (T163)						1		1						1	1	1	1	\neg	1
Metallurgy - (T164)			1			1	+	1						1	1	1	1	\neg	1
Physics - (S523)			1			1	-	1						1	1	1	1	\dashv	1
Polymer Science & Technology - (T173)			1	1		1		1						1	1	1	1	\dashv	1
Polymer Technology - (T174)			1		1	1		1				_		1	1	1	1	+	1
Production & Industrial Engineering - (T176)			T	 	1	1		1				_		1	1	1	1		1
Production Engineering - (T177)			1			1		1						1	1	1	1		1