	_			EPD C	TRIX 2020-2023 [	2020-2023 [ new calendar ]							
	Term 4 mportant: - Required to enrol in all Pillar Core subjects - Required to enrol in 1 HASS subject	Term 5 Inportant: - Required to enrol in all Pillar Core subjects - Required to enrol in a Restricted Pillar Elective	Important: - Required to enrol in 3 Pillar Electives	Term 6		Important: - Required to enrol in 2 Advanced Pillar Electives - Required to enrol in Capstone	Important: - Required to enrol in 2 Advanced Pilla - Required to enrol in Captone						
	- Required to enrol minimum of 4 subjects in this term	Required to enrol in 1 HASS subject     Required to enrol minimum of 4 subjects in this term	Required to enrol in 1HASS subject     Required to enrol minimum of 4 subjects in this term     Optional: To replace up to 3 pillar/advanced pillar electives with Unrestricted Electives (in	Juding Electives from other Pillars) that run across Term 6,7 & 8		Required to enrol in 1 HASS subject     Required to enrol minimum of 4 subjects in this term     Optional: To replace up to 3 pillar/advanced pillar electives wit	th Unrestricted Electives (including Electives from other Pillars) that run across Term	16,7&8	Required to enrol in 1 HASS subject     Required to enrol minimum of 4 subject     Optional: To replace up to 3 pillar/ad				
SD	30.001 30.002 Structure & Materials Circuits & Electronics	20.002 Engineering Design Systems & Control	30.104 30.105 Dynamics Machine Element Design	30.106         30.107         30.108           Micro-electronics         Power         Introductio           Circuits         Electronics         to Material           & Devices         Science         Science		30.114 Advanced Feedback & Control Intelligent #	20120 Floor Book Barrier 30.120 Robotics Design & Manufacturing	30.123 Healthcare Product Design of Intelligent Digital Integrated Circuits & Systems	30.113 Design and Fabrication of				
	Pre Req: Pre Req: -10.013 -10.013 -10.015 -10.017 -10.016 -10.018	Pre Reç: Pre Reç: HASS 40.00730.002 -30.014 - 10.018	Pre Reg: Pre Reg: - 10015 - 30.001 - 30.101 - 30.101	Pire Reg: Pire Reg: Pire Reg: Pire Reg: - 30.001 - 10.015 - 10.015 - 10.015 - 10.015 - 10.015 - 30.001 - 10.017 - 30.002	HASS	Pre Reg: - 30.101 - 30.002 - 10.014 - 10.020		Pre Req: Pre Req: -03.007 - 30.002 -30.001 -30.002 -30.002 -30.0007 -30.101	Pre Req: - 03.007 - 30.001 - 30.002 - 30.007 - 30.101				
Ð	PELAR CORE INC.	REFINITE PILLA LETTRE           30.102         30.103           Electro-magnetics & Apps         Fluid Mechanics	Pille Electric         Pille Electric           30.109         30.110           Thermal Systems for Power & Digital	Balai Barmin         Balai Barmin         Palai           30.111         30.203         30.316           Entrepreneurship         Topics in         Digital Bion	CONTRACTOR      CONTRACTOR     CONTRACTON     CONTRACTON     CONTRACTON     CONTRACTON     CONTRACTON	30.303 Industry 4.0 &	CARTON AND ADDRESS ADDRESS ADDRESS ADDRESS ADD	-	CAPETONE				
SELF-DIREC	Driven Engineering HASS		Environment Systems Lab	Biomedical Sustainable & Healthcare Manufactur Engineering	& WY YW Upper birting	3D Printing	Health (SAT) 	HASS					
	10.014 or 10.020 -10.017 -10.018 -10.022	Pre Acç Pre Acç 30.013 - 10.015 40.015 - 10.018 30.018 - 40.007 30.017	PHE xed; - 10.023 - 10.014 - 10.019 - 30.002	Prile Red: Prile Red: Prile Red: - Nil - 10.0156 - 30.0001 - 30.001 - 30.007	websites for latest course offering and pre-requisites	PTE KGÇ - NEL							
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Advising Trac	PELAE COME         PELAE COME           30.001         30.002           Structure & Materials         Circuits & Electronics	FillAl CORE         FillAl CORE         Mass           30.002         20.101         Systems & Control           Innuration         Systems & Control	Alemente VALUE Bactive PALLAE Bactive <u>30.105</u> <u>30.104</u> Machine Element Drsine	PLAT Electron         PLAT Electron         PLAT           30.108         30.109         30.111           Introduction         Thermal Systems for Power         30.111           Entreprene         to Material         & Entreprene	Al Electron PLLUE Electron 30.203 Topics in Biomedical	Advances Felda Racrine Advances 30.114 Advanced Feedback & Control Intelligent F	ROD FELAR BLETTER 30.120 Design & Manufacturing	AsyANCED FILLAT BLECTIVE CANESONE 30.123 Healthcare Product Design	ADVANCED FILLAL ELECTRE 30.113 Design and Fabrication of Microelectromechanical				
	Pre Reg: Pre Reg: 1:0013 1:0013 1:0015 1:0017 1:0015 1:0018	Pic Reg: Pic Reg: HASS 01007 - 30.002 31.014 - 410018	Pre Reg: Pre Reg - 30.001 - 10.015 - 10.013 - 30.001 - 30.010	Science Pre Reg: Pre Reg: Pre Reg: -10036 - 10023 - NIL -10039	& Healthcare Engineering Pre.Req: -10.016 -30.001	Pre Reg: Pre Reg - 30.101 - 30.001 - 30.002 - 10.014	Pre Req: - 10.015	CAPSTONE 01.007 -30.001 -30.002 -30.002	Systems Pre Req: -03.007 -30.001 -30.002 -30.007				
	PREAR CORE RAIS		Part Latorea Provide Latorea Decision and Latorea Latorea Latorea Decision and Latorea	-		-10.020  Premous # second at Technical Electrical  -01.101 Technologies for Sustainable		-30.007 -30.101	- 30.007 - 30.101				
MECHANICAL	30.100 Computational & Data- Driven Engineering Pre-Req: HASS	80.00 Fuid Mechanics	20.315 -01.112 Maching Learning (C Digital Biomimetics: Sustainable & Manufacturing Prm Rep: -30.001	HASS		Gobal Health (SMT)	HASS		HASS				
	-10.014 or 10.020 -10.017 -10.017 -10.018 -10.022	-3.007 -3.007	- 10.007										
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	30.001 30.002 Structure & Materials Circuits & Electronics	30.007 30.107 Engineering Design Systems & Control	Services         Provide Bactime         Provide Bactime           30.107         30.06         Power         Micro-electronics Circuit           Power         Micro-electronics & Devices         Bevices	30.108     30.109     30.109     30.110     Introduction     Thermal Systems for Power     Digital     to Material     & Environment     Science	,	Johnson Jack         Johnson Jack           30.114         30.119           Advanced Feedback & Control         Intelligent F	28 FELAR ELECTRY APVACED FELAR ELECTRY 30.123 Robotics Healthcare Product Design	30.202 Design of Intelligent Digital Integrated Circuits & Systems	30.117 Electric Power Systems Analysis & Design				
	Pre Reg: Pre Reg: -10013 -10013 -10015 -10017 -10016 -10018	Pre Reg: Pre Reg: HASS 43.00730.002 -30.01430.018	Pre Reg: Pre Reg: - 30.002 - 30.001	Pin Reg: Pin Reg: Pin Reg: Pin Reg: -10015 -10023 -10014 -10019 -30.001 -30.002	HASS	Pre Reg: Pre Reg: - 30.101 - 30.101 - 30.002 - 10.014 - 10.020		- 30.002 CAPSTONE	Pre Reg: - 30.002				
NG ING	PELAR CORE RASS	30.102 Electro-magnetics & Apps	ALLA BLEMME REMME 30.111 Entrepreneurship Topics in	PLLE R.R.INF         PERSON R.R.INF           20.316         0.1112 Maching Learning (ISD)           Digital Biomimetics:         0			P FELAR BASING orienteening and MT						
ELECTRI	Driven Engineering Pre-Req:: HASS 10.014 or 10.020 10.027 10.023 10.023	Pre Reg. 100013 100015 100015 100018	Biomedical & Healthcare Encineerine Pre Reg: - No 10015 - 30001	Sutainable & Manufacturing Pro Reg - 30.001 - 30.007			where the SAM we have been sufficient of the second s		HASS				
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RE	30.001 Structure & Materials Structure & Materials	30.007 South Common Systems & Control	30.104 Dynamics Design	30.110 30.121 30.203 Digital Entrepreneurship Topics in Systems Lab & & & & & & & & & & & & & & & & & & &		30.119 30.114		30.123 Healthcare Product Design	30.115 Digital Signal Processing				
	Pre Reg: Pre Reg: -10.013 -10.013 -10.015 -10.017 -10.016 -10.018	Pre Reg: Pre Reg: HASS 43.00730.002 -10.014 - 10.018	Pre Reg: Pre Reg: -10015 -30.001 -30.001 -30.101	Pre Reg: 100.014 - 100.016 - 100.019 - 30.002 - 30.002 - 30.001	HASS	Pre Reg: - 30.101 - 30.102 - 30.002 - 10.024 - 10.020	- 10.015	Prs Reg: CAPSTONE -0.3007 -30001 -30002 -30007 -30107 -30101	Pre Req: - 10.007				
<u>S</u>	PELAR CORE EASE 30.100 Computational & Data-	BEFRICTED FILLA ELECTRA     30.102     30.102     30.103     Electro-magnetics & Apps     Fluid Mechanics	Source Sectors     Source S			OTHER BLACTWEE PREVIOUSLY MORENA AT TECHNICAL BLECTWEE     OIL 105 Design and Manufacturing [EPD]     OIL101 Technologies for Sustainable			COTHER BACTIVES [PREVIOUSLY KNOWN AS TECHNICAL ELECTIVES] -01.106 Engineering Management [EPD]				
ROBOT	Driven Engineering		Digital Biomimetics: 140,213 SetBiola and Motori Sustainable & Landon Constant Constant Constant Constant Manufacturing Moto: This course counts as Unstartected Electrice Motor: This course counts as Unstartected Electrice maximum per track)			Global Health [SMT] -30:000 Unrestricted Electives Note: These courses count as Unrestricted Electives (maximum 3 per track)	HASS		- 01.102 Energy Systems and Management [ESD] -002000 Unrestricted Electives Note: These courses count as Unrestricted Electives (maximum 3)				
	Pre-Req: -10.014 or 10.020 -10.017 -10.018 -10.022	Pre Reg: Pre Reg: 10013 - 10015 - 10015 - 10018 - 100	Pre Reg: -30.001 Presse refer to CSD and ESD websites for latest course offerings and pre-requisites			Please refer to CSD and ESD websites for latest course offerings and pre-requisites			per track) Please refer to CSD and ESD websites for latest course offerings and pre-requisites				
	-10.014 or 10.020 -10.017 -10.018	-10.013 -10.015 -10.015 -10.018											

		Teri	m 8				
	Electives						
subje ar/adv	cts in this term anced pillar electives with Unrestricted Elect	ives (including Electives from other Pillar	s) that run across Term 6,7 & 8				
	30.115 Digital Signal Processing	30.117 Electric Power Systems	30.118 Optical Engineering &	30.201 Wireless Communications &	30.200 Micro- Nano Projects		
I	ongran ongran i roccooring	Analysis & Design	Communications	Internet of Things	Laboratory		
	Pre Req: - 10.007	Pre Req: - 30.002	Pre Req: - 10.017 - 30.002	Pre Req: - NIL	Pre Req: - 30.103 - 30.108		
			- 30.002 - 30.007 - 30.101		- 30.108		
	OTHER ELECTIVES [PREVIOUSLY KNOWN AS TECHNICAL ELECTIVES]	NASS					
	- 01.106 Engineering Management [EPD]						
	- 01.102 Energy Systems and Management [ESD] -XXXXXX Unrestricted Electives						
	-XXXXX Unrestricted Electives						
	Unrestricted Electives (maximum 3 per track)	HASS					
	Please refer to CSD and ESD websites for latest course offerings and pre-						
	requisites						
		Terr	m 8				
Pillar	Electives						
iect subje	cts in this term ements (only for students in this track):						
equin s can o inor St	ements (only for students in this track): only choose from the green box (Other Electiv tudents): If student is pursuing the Al minor, I	ves) and are not allowed to enrol in Unre he/she can enrol in CSD courses within th	stricted Electives from other pillars te Al minor range				
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	ADYANCED PILLAR BLECTIVE	ADVANCED PILLAR BLECTIVE	ADVANCED FILLAR BLECTIVE	CAPSTONE	OTHER ILLICTIVES [PREVIOUSLY KNOWN AS TECHNICA ELECTIVES]		
of	30.118 Optical Engineering &	30.201 Wireless Communications	30.200 Micro- Nano Projects		- 01.106 Engineering Management [EPD]		
•	Communications	& Internet of Things	Laboratory		Management [EPD] - 01.102 Energy Systems and Management [ESD]		
				CAPSTONE			
	Pre Req: - 10.017	Pre Req: - NIL	Pre Req: - 30.103				
	- 30.002 - 30.007 - 30.101		- 30.108				
	- 50.101						
		Teri	m 8				
	lective + 1 Advanced Pillar Elective						
ect subje requin	cts in this term ements (only for students in this track): only choose from the green box (Other Electiv sudents): If student is pursuing the Al minor, I						
s can o inor St	only choose from the green box (Other Electiv audents): If student is pursuing the Al minor, I	ves) and are not allowed to enrol in Unre ne/she can enrol in CSD courses within th	stricted Electives from other pillars le Al minor range				
	ADVANCED PELAE ELECTIVE	30.115	ADVANCED PILLAR ILLICTIVE	ADVANCED FILLAR ELECTIVE	CAPITONI		
	Design and Fabrication of Microelectromechanical	Digital Signal Processing	Optical Engineering & Communications	Wireless Communications & Internet of Things			
	Systems						
	Pre Req: - 03.007 - 30.001	Pre Req: - 10.007	Pre Req: - 10.017 - 30.002	Pre Req: - NIL			
	- 30.001 - 30.002 - 30.007		- 30.002 - 30.007 - 30.101				
	- 30.101						
	*OTHER BLECTIVES						
	(PREVIOUSLY KNOWN AS TECHNICAL ELECTIVES) - 01.106 Engineering Management						
	[EPD]						
	- 01.102 Energy Systems and Management [ESD]						
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	Electives						
subje ar/adv	cts in this term anced pillar electives with Unrestricted Elect	ives (including Electives from other Pillar	s) that run across Term 6,7 & 8				
	30.117	30.118	30.201	CARTYONE	1445		
	Electric Power Systems Analysis & Design	Optical Engineering & Communications	Wireless Communications & Internet of Things				
	Des Dess	Data Datara	Des Dese				
	Pre Req: - 30.002	Pre Req: - 10.017 - 30.002	Pre Req: - NIL	CAPSTONE	HASS		
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EPD CURRICULUM MATRIX 2020-2023 [ new calendar ]																							
	Term 4 Term 5 Term 6							Term 7						Term 8									
	Important: - Required to en	<mark>vinte</mark>							Important: - Required to enrol in 2 Advanced Pillar Electiv		Important: - Required to enrol in 2 Advanced Pillar Electives												
	<ul> <li>Required to en</li> <li>Required to en</li> </ul>	galard 6 enroll h 1455 subject   Regulard 5 enroll 16 Martin Cell Vell Cellson   Regulard 6 enroll n 1465 subject   Regul						Required to enrol in Capstone     Required to enrol in 1 HASS subject					Required to enrol in Capstone     Required to enrol in 1 HASS subject										
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									Optional: To replace up to 3 pillar/Jakvanced pillar electives with Unrestricted Electives (including Electives from other Pillar) that run across Term 6,7 & 8						dvanced pillar electives with Unrestricted El								
Advising Traci		LAR CORE	PILLAR CORE	PILLAR CORE	PELLAR CORE	NASS	RESTRICTED TRACK ELECTIVE	PILLAR BLOCTIVE	PELAR BLECTIVE	PILLAR BLICTIVE	PELAR ELECTIVE	PELAR ELECTIVE	ADVANCED PELLAR BLECTIVE	ADYANCED PELLAR ELECTIVE	CROSS- PELAR BLECTWE	CAPITONE	(PREVIOUSLY KNOWN AS TECHNICAL ELECTIVES)	ADVANCED PILLAR BLECTIVE	ADVANCED FELAR ELECTIVE	CROSS-PILLAR BLECTIVE	CAPITOIR	[PREVIOUSLY KNOWN AS TECHNICAL ELECTIVES]	HAGS
CE	<u>30.001</u>	0.84-4	30.002	<u>30.007</u>	30.101		<u>30.110</u>	30.106 Micro-electronics Circuits	30.107	<u>30.111</u>	<u>30.203</u>	30.316	<u>30.123</u>	30.202	-50.006 User Interface Design and		- 01.105 Design and Manufacturing [EPD]	<u>30.201</u>	30.115	- 50.017 Graphics and Visualisation		- 01.106 Engineering Management [EPD]	
CE	Structure 8	& Materials	Circuits & Electronics	Engineering Design Innovation	Systems & Control		Systems Lab	& Devices	Power Electronics	Entrepreneurship	Topics in Biomedical	Digital Biomimetics: Sustainable &	Healthcare Product Design	Design of Intelligent Digital Integrated Circuits & Systems	Implementation -50.020 Network Security		Manufacturing [EPD] - 01.101 Technologies for Sustainable Global Health [SMT]	Wireless Communications & Internet of Things	Digital Signal Processing	- 50.017 Graphics and Visualisation - 50.021 Artificial Intelligence		- 01.102 Energy Systems and Management [ESD]	
											& Healthcare Engineering	Manufacturing			-50.035 Computer Vision - 50.046 Cloud Computing		-XXXXXX Unrestricted Electives					-XX.XXX Unrestricted Electives	
											cingareering				SMT		Note: These courses count as Unrestricted Electives (maximum					Note: These courses count as Unrestricted Electives (maximum 3	
	Pre Req:		Pre Req:	Pre Req:	Pre Req:	HASS	Pre Req:	Pre Req:	Pre Req:	Pre Req:	Pre Req:	Pre Req:	Pre Req:	Pre Req:	-01.119 Nanoelectronics and Technology	CAPSTONE	3 per track)	Pre Req:	Pre Req:	Note: Please refer to CSD's website	CAPSTONE	per track)	HASS
	-10.013 -10.015		Pre Req: -10.013 -10.017	Pre Req: -03.007 -10.014	Pre Req: -30.002 -10.018		- 10.014 - 10.020	Pre Req: - 30.001	Pre Req: - 10.013 - 10.015	- NIL	Pre Req: - 10.016 - 10.019	Pre Req: - 30.001 - 30.007	- 03.007 - 30.001	- 30.002	Note: Please refer to CSD's and SMT's websites		Please refer to CSD and ESD websites for latest course	- NIL	- 10.007	Note: Please refer to CSD's website for the latest course offerings and subject pre-requisites		Please refer to CSD and ESD websites for latest course offerings	
	- 10.016		-10.018				-30.002		- 10.018 - 10.017 - 30.002		- 30.001		- 30.002		for the latest course offerings and subject pre-		offerings and pre-requisites					and pre-requisites	
									- 30.002				- 30.007 - 30.101		requisites								
	-	LAR CORE	HADS	RESTRICTED PELLAR ELECTIVE			CROSS- PILLAR BLICTIVE	POTHER ELECTIVES [PREVIOUSLY INNOWN AS TECHNICAL ELECTIVES]	KAR				RAS										
e o	30.100			30.102			CSD	-XXXXXX Unrestricted Electives		-													
E Na	Computatio	ional & Data-		Electro-magnetics & App	s		- 50.001 Information Systems & Programming - 50.002 Computational Structures	Note: This course counts as															
N N N	Driven Eng	Billeering					- 50.004 Algorithms -50.007 Machine Learning	Unrestricted Elective (maximum 3 per track)															
Ŭ	Pre-Req:			Pre Req: -10.013			-50.038 Computational Data Science -50.039 Theory and Practice of Deep Learning																
	-10.014 or 10. -10.017 -10.018	0.020	HASS	-10.015			-50.043 Database Systems	Please refer to CSD and ESD websites for latest course	HASS				HASS										
	-10.018			-10.017			ESD -40.319 Statistical and Machine Learning	offerings and pre-requisites															
							Note: Please refer to CSD and ESD websites for																
							Atest course offerings and pre-requisites																
		-	_				1							-				11			2		
	Important:	Ter	rm 4	Important:	Term 5		Important:		Ter	m 6			Important:		Term 7			Important:		Tern	18		
	<ul> <li>Required to en</li> </ul>	enrol in all Pillar Core enrol in 1 HASS subje	ect	Required to enrol in all Pillar Core     Required to enrol in 1 Restricted I	Allar Elective		Required to enrol in Restricted Track Elective + 2 Pill     Required to enrol in 1 HASS subject							Required to enrol in Capstone					emportant: - Required to enrol in 2 Advanced Pillar Electives - Required to enrol in Capatone				
	- Required to en	enrol minimum of 4 s	subjects in this term	Required to enrol in 1 HASS subje     Required to enrol minimum of 4 s	dt .		<ul> <li>Required to enrol minimum of 4 subjects in this term         <ul> <li>Optional: To produce up to 3 plant/advanced plant reletives with Unrestricted Electives from other Pillars) that run across Term 6,7 8,8</li> </ul> </li> </ul>						Required to enrol in 1 HASS subject     Required to enrol minimum of 4 subjects in this term					Required to enrol In 1 HASS subject     Anguired to enrol In in HASS subject     Anguired to enrol In initiatum of subjects in this term					
Advising Track		LAR CORE	PILLAR CORE	PILLAR CORE	FELAR CORE	NA85	RESTRICTED TRACK ELECTIVE		PELLAR BLACTIVE		FELAR BACTOR	ILASS		ADVANCED PELLAR ELECTIVE	duding Electives from other Pillars) that run across Te	ADVANCED PELLAR ELECTIVE	CAPSTONE	Optional: To replace up to 3 pillar/as	dvanced pillar electives with Unrestricted El	ADVANCED PILLAR BLECTIVE	that run across Term 6,7 & 8	ADVANCED PILLAR ELECTIVE	CAPITONIE
HED	30.001 Structure 8	& Materials	30.002 Circuits & Electronics	30.007 Engineering Design	30.101 Systems & Control		30.203 Topics in	30.104 Dynamics	30.105 Machine Element	30.106 Micro-electronics Circuits	<u>30.107</u> Power			30.114 Advanced Feedback & Control	30.119 Intelligent Robotics	30.120 Design &		30.113 Design and Fabrication of	30.115 Digital Signal Processing	30.118 Optical Engineering &	<u>30.200</u> Micro- Nano Projects	30.201 Wireless Communications &	
				Innovation			Biomedical		Design	& Devices	Electronics	HASS				Design & Manufacturing		Microelectromechanical		Communications	Laboratory	Internet of Things	
							& Healthcare Engineering											Systems					
	Pre Req:		Pre Req:	Pre Req:	Pre Req:	HASS	Pre Rea:	Pre Req:	Pre Req: - 30.001	Pre Req: - 30.001	Pre Req:		Pre Req:	Pre Req:	Pre Req:	Pre Req:	CAPSTONE	Pre Req:	Pre Req:	Pre Req:	Pre Req:	Pre Req:	CAPSTONE
	-10.013 -10.015		-10.013 -10.017 -10.018	Pre Req: -03.007 -10.014	Pre Req: -30.002 -10.018		Pre Req: - 10.016	Pre Req: - 10.015 - 10.018 -30.101	- 30.001	- 30.001	- 10.013 - 10.015		- 03.007 - 30.001	- 30.101	- 30.101 - 30.002 - 10.014	- 10.015		- 03.007 - 30.001	- 10.007	- 10.017 - 30.002 - 30.007	Pre Req: - 30.103 - 30.108	- NIL	
	- 10.016		-10.018				- 10.019 - 30.001	-30.101			- 10.018 - 10.017 - 30.002		- 30.002 - 30.007		- 10.014 - 10.020			- 30.002 - 30.007		- 30.007 - 30.101			
											- 30.002		- 30.101					- 30.101					
	-	LAR CORE	NASS	RESTRICTED PELLAR ELECTIVE	RESTRICTED PILLAR BLECTIVE		PELAR ELECTIVE	PILLAR BLOCTIVE		PELAR BLECTIVE	PELAR ELECTIVE	OTHER ELECTIVES	*OTHER ELECTIVES	8488				14.00	OTHER ELECTIVES				
	20.400											-01.112 Maching Learning [CSD]	- 01.105 Design and Manufacturing [EPD]						[PREVIOUSLY KNOWN AS TECHNICAL ELECTIVES]     01.106 Engineering Management				
	30.100 Computatio	ional & Data-		30.102 Electro-magnetics & App	30.103 s Fluid Mechanics		30.108 Introduction	30.109 Thermal Systems for	30.110 Digital	30.111 Entrepreneurship	30.316 Digital Biomimetics:	-01.112 Maching Learning (CSD) -XXXXXXX Unrestricted Electives	- 01.105 Design and Manufacturing (EPD)     - 01.101 Technologies for Sustainable     Global Health [SMT]						EPD     OI.102 Energy Systems and				
588	Driven Eng	gineering					to Material Science	Power & Environment	Systems Lab		Sustainable & Manufacturing	Note: This course counts as	-OCOOK Unrestricted Electives						Management [ESD] -XXXXXX Unrestricted Electives				
<b>E</b> E												per track)	Note: These courses count as Unrestricted Electives (maximum 3 per						Note: These courses count as				
王位	Pre-Req:		HASS	Pre Req: -10.013	Pre Req: -10.015		Pre Req: - 10.016	Pre Req: - 10.023	Pre Req: - 10.014 - 10.019	Pre Req: - NIL	Pre Reg: - 30.001 - 30.007	Please refer to CSD and ESD	track)	HASS				HASS	Unrestricted Electives (maximum 3 p track)	er			
	-10.014 or 10. -10.017	0.020		-10.015 -10.018	-10.018 -3.007		- 10.019 - 30.001		- 10.019 - 30.002		- 30.007	websites for latest course offerings and pre-requisites	Please refer to CSD and ESD websites for latest course offerings and pre-requisites						Please refer to CSD and ESD website				
	-10.018 -10.022			-10.017															for latest course offerings and pre- requisites				
		-																Torm 2					
	Important:		rm 4	Important:	Term 5		Important:		Ter	m 6			- Required to enrol in Capstone Example					Important:					
	<ul> <li>Required to en</li> </ul>	enrol in all Pillar Core enrol in 1 HASS subje	ect	Required to enrol in all Pillar Core     Required to enrol in 1 Restricted I	Allar Elective		Required to enrol in 3 Pillar Electives     Required to enrol in 1 HASS subject											Insportance. - Required to enrol in 2 Electives [Note: Must enrol in at least 1 Advanced Pillar Elective (A)] Examples:					
	Required to enrol minimum of 4 subjects in this term     Optional: To replace Pi					Optional: To replace Pillar Electives with Cross-Pillar	sired to enrol minimum of 4 subjects in this term anal. To regular Pillar Electives (Pink Box) a					Required to enrol in 1 HASS subject     required to enrol minimum of subjects in this term					1 Advanced Pillar Elective (A) & 1 Advanced Pillar Elective (B) Cross Pillar Elective (B) or 2 Advanced Pillar Elective (A) - Required to enrol in Capatone						
							Optional: To replace up to 3 pillar/advanced pillar electives with Unrestricted Electives (including Electives from other Pillan) that run across Term 6,7 & 8					- Optional: To replace Pillar Electives with Cross-Pilar Electives (Fink Box) - Optional: To replace up to 3 pillar/advanced pillar electives with Unrestricted Electives (including Electives from other Pillard) that run across Term 6,7 & 8					<ul> <li>Required to entrol in LBgSsubject</li> <li>Required to enrol minimum of 4 subjects in this term</li> </ul>						
																		Optional: To replace up to 3 pillar/as	dvanced pillar electives with Unrestricted El	ectives (including Electives from other Pillars)	that run across Term 6,7 & 8		
Advising Track		LAR CORE	PILLAR CORE	PILLAR CORE	PELAR CORE	KARS	PELAR BLOCTIVE	PILLAR BLOCTIVE	PLLAR BLICTIVE	PELLAR BLECTIVE	PELAR BLOCTIVE	CROSS- FILLAR ELECTIVE	BRITHICTED TRACK BLUCTIVE	ADVANCED PELLAR ELECTIVE	ADVANCED PILLAR BLICTIVE (A)	ADVANCED PELAR ELECTIVE (	•	ADVANCED PILLAR BLECTIVE	ADVANCED PILLAR BLBCTIVE (B)	CAPITONIE	-	COTHER BLICTIVES (PREVIOUSLY KNOWN AS TECHNICAL ELECTIVES)	
	20.004		20.002	00.007	20.101										20.440		_					eLECTIVES) - 01.106 Engineering Management	
BI4	Structure 8	& Materials	30.002 Circuits & Electronics	30.007 Engineering Design Innovation	30.101 Systems & Control		30.108 Introduction	30.105 Machine Element	30.109 Thermal Systems for Power & Environment	Digital	30.316 Digital Biomimetics:	- 01.112 Maching Learning - 50.042 Foundations of	Industry 4.0 &	30.114 Advanced Feedback & Control	30.119 Intelligent Robotics	30.120 Design & Manufacturing		30.115 Digital Signal Processing	30.201 Wireless Communications &			[FPD]	
				Innovation			to Material Science	Design	Power & Environment	systems Lab	Digital Biomimetics: Sustainable & Manufacturing	Cybersecurity	3D Printing			Manufacturing			Wireless Communications & Internet of Things			- 01.102 Energy Systems and Management [ESD] -XXXXXX Unrestricted Electives	
							Stence					ESD - 40.002 Optimisation										Note: These courses count as	
	Pre Req:		Pre Reg.	Pre Reg.	Pre Reg-	HASS	Pre Rep-	Pre Ret:	Pre Reg.	Pre Reg-	Pre Rec-	Note: Please refer to CSD and ESD	Pre Rec:	Pre Reg.	Pre Rec.	Pre Reg.		Pre Reg:	Pre Rep.	CAPSTONE	HASS	Unrestricted Electives (maximum 3	
	-10.013 -10.015 - 10.016		Pre Req: -10.013 -10.017 -10.018	Pre Req: -03.007 -10.014	Pre Req: -30.002 -10.018		- 10.016 - 10.019	Pre Req: - 30.001	Pre Req: - 10.023	Pre Req: - 10.014 - 10.019 - 30.002	Pre Req: - 30.001 - 30.007	websites for latest course offerings and pre-requisites	- NL	- 30.101	Pre Req: - 30.101 - 30.002 - 10.014 - 10.020	Pre Req: - 10.015		- 10.007	- NIL			per track) Please refer to CSD and ESD	
	- 10.016		-10.018				- 30.001			- 30.002					- 10.014							websites for latest course offerings and pre-requisites	
																						and pre-requires	
		LAR CORE	NA.05		REFERENCE PILLAR BLECTIVE						POTHER BLECTIVES		CAPETONE	OTHER ELECTIVES [PREVIOUSLY KNOWN AS TECHNICAL ELECTIVES]		CROSS- PILLAR BLECTIVE		CROSS- PELAR BLECTIVE (D)					
00	30.100			<u>30.102</u>	<u>30.103</u>						- 01.112 Maching Learning [CSD]			- 01.105 Design and Manufacturing		CSD		CSD					
No X	Computatio	ional & Data-		Electro-magnetics & App	s Fluid Mechanics						- 40.319 Statistical and Machine Learning (ESD) -X0CX00X Unrestricted Electives			[EPD] - 01.101 Technologies for Sustainable		- 50.006 User Interface Design and Implementation		- 50.021 Artificial Intelligence					
SIE	Driven Eng	gineering												Global Health [SMT] -XXXXXX Unrestricted Electives									
ğ											Note: This course counts as Unrestricted Elective (maximum 3			Note: These courses count as		Note: Please refer to CSD and B websites for latest course	SD	Note: Please refer to CSD's websit for the pre-reqs					
			HASS				HASS				per track)			Unrestricted Electives (maximum 3 per track)	HASS	offerings and pre-requisites							
	Pre-Req:			Pre Req: -10.013	Pre Req: -10.015						Please refer to CSD and ESD website	5		Please refer to CSD and ESD websites									
	-10.014 or 10. -10.017	0.020		-10.015 -10.018	Pre Req: -10.015 -10.018 -3.007						for latest course offerings and pre- requisites			for latest course offerings and pre- requisites									
	-10.018 -10.022			-10.017																			
		Students from AV2017 onwards can take up to 3 Unrestricted Electives (including Technical Electives) and this can be used to fulfil a minor.																					

 NTE:
 Students from AV2017 onwards can take up to 3 Unrestricted Electives (Including Technical Electives) and this can be used to fulfil a minor.

 NOTE:
 Courses may change without notice. Please check with respective PIIar/Cluster websites for latest offering.

 Enrolment line ourses are subject to fulfilment of pre-requisites and availability.
 availability.