			CO-PO Mapping 2020-21 Term-I & II															
CLASS FE(Term-I & II)	NAME OF THE SUBJECT Physics	c0	COURSE OUTCOME Physics	P01	PI	22 9	03	PO4 PI	IS PO6	PO7	POB	P09	PO10	9011	PO12	P501	P502	P5O3
		817101/816101/	To study Brazo's Law and introduced to the principles of lasers, troces of lasers and applications Various terms initiated to properties of materials such as, permeability, polarization, etc.	2			2			2					2			
		818101/ 822101/824201/819201 /811201/812201	 Some of the basic laws related to quantum mechanics as well as misonatic and dielectric annearies of materials 	2			2			2	_		_		2			
		/811201/812201	5. Simple quantum mechanics calculations 6. Nanotechnology and their industrial applications.	2 2 2			2											
	Mathematics -		Average Mathematics - 1	2			2			2	_		_		2			
		824102/819102/8111	Apply differential and integral calculus. Apart from some other applications they will have a basic understanding of Beta and Gamma functions. The failouts of Role's Theorem that is fundamental to application of analysis to Engineering problems.	3			2 3											
		824102/819102/8111 02/812102	 The tool of Fourier series for learning advanced Engineering Methematics. To deal with functions of several variables that are essential in most branches of Engineering. The essential tool of matrices and linear algebra in a 	3			2			-	-		-					
	Rasic Flactrical & Flactronics Engineering			3	2	.5 2	25											
	Basic Electrical & Electronics Engineering		Basic Electrical & Electronics & Enderstein Datation et al es al la disconstant invalende gal cincul analysis unany various basic lans and havorens of aduction of costs 2. Southern et al es als is disconstante analysis and understand aduction for various ALC excluse. 3. Discheristic evolution et al effection of a south costs and understand for various ALC excluse. 5. Discheristic evolution et al effection of aductional transformation et al exclusions. 5. Discheristic evolution et al effection of aduction transformation. 5. Discheristic evolution et al effection of aduction transformation.	3	-													
		817103/816103/ 818103/ 822103/824203/819203 /811203/812203	2. Students will be able to demonstrate and understand definition and relationship of various AC circuits. 3. Understand underst reinciride of PN instring relate.	3 9						_	_		_					
_		818103/ 822103/824203/819203	4. Describe different configuration of Bipelan ductor Transistor.	3		i i												
		/811203/812203	Describe anisant contrigunation of PE1 Understand operations controls Prover Electronics Devices T. Describe use of the Basic gale and Universit gate	3		2												
-				3 3 3	2	.3	-	-							_			
	Programming for Problem Solving		Average Programming for Problem Solving To Commission simula algorithms for addressic and logical mobilians	3			2	1	2	1					2	3	1	
		817104/816104/ 818104/	To To formation and the second s	3		2	2	1	2	1					2	3	2	1
		822104/824204/819204 /811204/812204	Conserved execute the programs and context syndex and context ends Concerved the locors and decision making statements to solve the problem.	3		2	2	1	2	1					2	3	2	1
		/811204/812204	 To decompose a problem into functoria and synthesize a complete propriam using divide and conquer approach To use anies, pointers and structures to formulate algorithms and programs 	3			2	1	2						2	3	2	1
	Chemistry		Average Chemistry				2	1	2	1					2	3	1.83	1
		824101/819101/8111	 Anabose minimary in elemistry in terms of anywir and molandar reliefade and intermolandar formas Distinguish the ranges of the electromagnetic spectrum used for exciting different molecular energy levels in various spectroscopic techniques 	2			2		2	2			_		2			
		/812101/817201/816	 Rationalise periodic properties such as ionization potential, electronegativity, oxidation states and electronegativity. 	2			4			2					2			
		201/818201/822201	ARationalise bulk properties & processes using thermodynamic considerations S. List major chamical reactions that are used in the sorthasis of molecules.	2 2			2		2	2	1		1	-	2			
	Engineering Graphics		Average				2			2					z			
		824104/819104/811104	Engineering uraginss I introduction begineering design and its place in society 2. Exposure to the visual integration of engineering design 3. Exposure to the introduction of the society of the society 3. Exposure to the integration grandies and design 4. Exposure to the integration of the society of the society of the society 4. Exposure to the integration of the society	3	1		3			<u> </u>	<u> </u>	L	3					
		/812104/817203/81620 3/818203/822203	3. Exposure to engineering graphical standards 4. Exposure to solid modeling.	3			3	T		1	1	-	3			_		_
	Faalish		3. Toposito in segmenting particles stratelisti 6. Explosus to social Arenge English 1. To accus particulary in English inclusion and participant 2. To accus particulary in the use of writes English inclusion paper spelling. Commer and punctuation.	2.8	2	.5	3			-	-		2.8	-				
	Production	#24103/#19103 /#11103/#12103/#1720	1. To accure basic proficiency in English including reading and lightening	2						1	2		2					
		4 /816204/818204/82220	 To demonstrate proficiency in the use of written English, including proper spaling, Claimmar and punctuation. To enhance their ability to use spoken words in integersonal communication, small group interactions and public speaking Comprehension, writing 4. Become accorrolished schrindli communications. 	2						1	2		2					
		4	4. Become accomplished technical communication. Average	2	1	╘		_		<u> </u>	2	L	2	2				
	Workshop Practices Lab			-	F	-	-	F	-	-	-	-	<u> </u>	-		_	-	_
			Workshop Practices Lab 1. Able to flokings conscores with their can hards. 2. Able to get practical involvedget of the dimensional accuracies and dimensional tolesmossposable with different menulacturing processes.	3		-	2	3	-	-	- !	2	- !	-			_	_
			3 Able to produce an allowing of the interaction alconomic and allowing contraction with contract and processes.	3				3 3		1		2		-			_	
	Physics Lab		Average Physics Lab		1	•	د	3	-	1	1	2	1				_	
		817105/816105/	Physics Lub. 1. To study Ready Lear and Introduced to the principles of lasers, here of lasers and applications 2. Valous terms ministe to properties of maintain such as cermatable, colorazion, etc. 3. Some of the basis lear settiet of countents methanics as well as manuficient deletric	3		3	3	3	3	<u> </u>	<u> </u>	1	2	2	2			
		#181015 / #22105/#24205/#19205 /#11205/#12205	Some of the basic laws related to quantum mechanics as well as magnetic and dielectric dependence of materials	3		2	2	2	1			1	1				_	
		/#11205/#12205		3	_	2	1	1	2	-	I .		1					
		1	S. Navionekoujo and fair industria apticiance. Avarage Avarage Avarage Second S	3	2	.5 2	.17	2.5 2	5	1	1	1	1.67	2 2	1.5			
	Rase Flastrical and Flastronics Fonincaring	1	Reste Plantsral ant Plantsons Provinearies I als 1. Identify electrical and electronics components/loguloments.	-	2	2				1	1		1					
		81/105/816106/ 818105/	2. Simolify D.C. network using Superposition Theorem. 3. Simolify D.C. network using Theorem		3	3				L	L	L	L					
		817106/816106/ 818106/ 822106/824206/819206 /811206/812206	Simulify IT C. natural: nilve Theorem 4. Learn dode V.4.Chatekrinik: Second Content of the Content		2	2				1	1	-	1	-		_		
		1	5. Understand 5.J in a switch R. Inderstand F.D. JFFT SCB VJ elementations Average	2.3	2 2	2				-	-	-	-	-		_		
	Programming for Problem Solving Lab	1	Average Programming for Problem Solving Lab 1. Understand the fundamentals of C programming.	3							-		-	-		2		
		817107/816107/		3		2	2	1	2	1	1		1	-	2	3	2	1
L	1	81810//	3. Like functions to solve the given problem.	3						1 1	1	1	1	1	2	1	2	3
		822107/824207/819207		3		2	2	1	2	1					2	3	2	1
		#22107/#24207/#19207 /#11207/#12207	5. Understand strings and structures. 6. Understand the usage of pointers.	3 3 3		2		1 1 1	2 2 2	1					2 2 2 2	3	2 2 2	1
	Phanisto I sh	/811207/812207	5. Understand strings and structures. 6. Understand the usage of pointers. Average	3333		2			2 2 2 2 2 2	1					2 2 2 2 2 2	3 3 2.5		1 2 1.6
	Chemistry Lab	/811207/812207	 Unknowned himps and structures. Unknowned himps of pointers. Anonymic the support of pointers. Unknowned himps of pointers. Unknowned himps of pointers. Unknowned comparison of the Course under with a data to: The chemistry indexistor source will consist of assummers. Business the United comparison of the Course under with the data to: The chemistry indexistor source will consist of assummers. 	3333	3	2			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2						2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 2.5		1
	Chemistry Lab	/811207/812207 824106/819106 /811106/812106/81720 6/816206/818206/81720	 Unknowned himps and structures. Unknowned himps of pointers. Anonymic the support of pointers. Unknowned himps of pointers. Unknowned himps of pointers. Unknowned comparison of the Course under with a data to: The chemistry indexistor source will consist of assummers. Business the United comparison of the Course under with the data to: The chemistry indexistor source will consist of assummers. 	3333	2 2 2 3 3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			2222	1					2222	3 3 3 2.5		1
		/811207/812207 824106/819106 /811106/812106/81720	Es lubrarea terreparte de recurso. Es lubrarea de la construcción de Conserver y de Conserver y de Construcción de la construcción de la const	3333	2 2 2 2 2	2 2 2 2	2 2 2 2		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2						2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 2.5		1
	Chemistry Lab Engineering Graphics Lab	/#11207/#12207 #24106/#19106 /#11106/#12206/#1720 6/#16206/#18206/#222 06		3	3	2 2 2 2 2 2 2 2	2 2 2 2		2222				3		2 2 2 2 2 2	3 3 2.5		1
		/#11207/#12207 #24106/#19106 /#11106/#12206/#2720 6/#16206/#18206/#2720 06	Es subserver strap au électrons. Es subserver au de consent Consense y Laboration de la consent Consense y Laboration de la Conse au subser al las das la "Ina desanta" subserver autor autor de sectionen. Autoriser te Tablación de la consentante de la Conse au subser al las das la "Ina desanta" subserver autor autor de sectionen. Autoriser te Tablación de la consentante de la consenta de la consenta de la consenta de la consenta en entre de Consense y La consentante de la consenta de la consenta de la consenta de la consenta entre de Consentante de la consentante de la consenta	3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2	2 2 2 2 3 5		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 1 2 2 2			3		2 2 2 2 2 2	3 3 2.5		1
		/#11207/#12207 #24106/#19106 /#11106/#12206/#2720 6/#16206/#18206/#2720 06	6. Understein volge seit derstens. 6. Understein volge seit derstens. 7. Derstein anderstein volge seit derstens des dersten des derste volge seit derstense handelten bei derstense	3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		2 2 2 3 5 3 3 3 3 3	1	2				3 2 3 3 2 75		2 2 2 2 2 2	3 3 2.5		1
		/#11207/#12207 #24106/#12206/#1206 #11106/#12206/#12206 6/#16206/#12206/#1206 6/#12206/#11206 /#12206/#17207/#1207 7/#18207/#12207	E chérese et engra se descris. Se chérese a la construit de l	3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		2 2 2 3 5		2				3 2 3 2.75		2 2 2 2 2 2	3 3 2.5		1
	Engineering Graphics Lab	(#11207)#12207 #24106/W19106 (#11106/W12206/W1720 6/#16206/W11206/W1220 6 #24108/W17207/W1620 /W11200/W17207/W1620 7/W1807/W2207/W1620 #24105/W19105/W1105	Se Understand under sein der der Annon- Mergen Mergen Link an kennen der Annonen ander sein im der Annonen anderen anderen anderen ander der annonen der annone	3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		2 2 2 3 5 3 3 3 3 3	1	2		1	2 2 2	3 3 3 2.75		2 2 2 2 2 2	3 3 2.5		1
	Engineering Graphics Lab Workshop Practices Lab	(#11207)#12207 #24106/#19106 #11106/#19106 #11106/#12106/#1220 #12108/#12207/#12207 #122108/#12207/#12108 #24105/#19206/#12207 #121205/#12205/#12105 \$/#18205/#12205/#12105	B. Understand under seit der schne. B. Understand under Seiter S	3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 3 3 3 3 3 3 3 3 2 2 2 3 3 3 3	1	2			22222	3 2 3 3 2.75 1 1 1 1		2 2 2 2 2 2	3332.5		1
	Engineering Graphics Lab	(#11207)#12207 #24106/#19106 #11106/#19106 #11106/#12106/#1220 #12108/#12207/#12207 #122108/#12207/#12108 #24105/#19206/#12207 #121205/#12205/#12105 \$/#18205/#12205/#12105	B. Understand under seit der schne. B. Understand under Seiter S	3 3 3 3 2 28	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 3 3 3 3 3 3 3 3 2 2 2 3 3 3 3	1	2		1 1 1 1 1 2	22222	3 3 3 2.75 1 1 1 1 2 2 2 3 3 3 2.75		2 2 2 2 2 2	3332.5		1
	Engineering Draphics Lab Workshop Practices Lab Pergists Lab	(#11207)#12207 #24106/W19106 (#11106/W12206/W1720 6/#16206/W11206/W1220 6 #24108/W17207/W1620 /W11200/W17207/W1620 7/W1807/W2207/W1620 #24105/W19105/W1105	Se Understand under seit der der Anno. Se Understand under Seiter Seite	3 3 3 3 3 3 2 2.8 2.8 3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 3 3 3 3 3 3 3 3 2 2 2 3 3 3 3	1	2			22222	1 1 1 2 2		2 2 2 2 2 2	3332.5		1
	Engineering Graphics Lab Workshop Practices Lab	(#11207/#12207 #24104/#19206 #11100/#19206 #11100/#12206/#12707 #11100/#12206/#12707 #124102/#12007/#1100 #12105/#12206/#12707/#1620 %#11205/#12206/#1205/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100		3 3 3 3 2 28	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 3 3 3 3 3 3 3 3 2 2 2 3 3 3 3	1	2		1 1 1 1 2 2 2	222222	3 2 3 3 2.75 1 1 1 1 2 2 2 2		2 2 2 2 2 2	3 3 2.5		1
	Engineering Draphics Lab Workshop Practices Lab Pergists Lab	(#11207/#12207 #24104/#19206 #11100/#19206 #11100/#12206/#12707 #11100/#12206/#12707 #124102/#12007/#1100 #12105/#12206/#12707/#1620 %#11205/#12206/#1205/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100		3 3 3 3 3 3 2 2.8 2.8 3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		2 2 2 2 3 3 3 3 3 3 3 2 2 2 2 2 2 2 2 2	1	2		1 1 1 1 1 2 2 2	22222	1 1 1 2 2		2 2 2 2 2 2	3 3 2.5		1
	Engineering Draphics Lab Workshop Practices Lab Pergists Lab	(#11207/#12207 #24104/#19206 #11100/#19206 #11100/#12206/#12707 #11100/#12206/#12707 #124102/#12007/#1100 #12105/#12206/#12707/#1620 %#11205/#12206/#1205/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100	S. Understanding and interface. Second Second Seco	3 3 3 3 3 3 2 2.8 2.8 3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 3 3 3 3 3 3 3 2 2 2 2 2 2 2 2 2	1	2		1 1 1 1 2 2 2	22222	1 1 1 2 2		2 2 2 2 2 2	3 3 7 2.5		1
	Radioantia Sapahin Lak Jin Jahan Pustina Lak Sadah Lak Sadah Lak	(#11207/#12207 #24104/#19206 #11100/#19206 #11100/#12206/#12707 #11100/#12206/#12707 #124102/#12007/#1100 #12105/#12206/#12707/#1620 %#11205/#12206/#1205/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100	B. Unbergenerging and another the second sec	3 3 3 3 3 3 3 2 28 3 3 2 28 3 3 2 2 8	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		2 2 2 2 3 3 3 3 3 3 3 2 2 2 2 2 2 2 2 2	1	2		1 1 1 1 2 2 2	22222	1 1 1 2 2		2 2 2 2 2 2	3 3 7 2.5		1
	Engineering Draphics Lab Workshop Practices Lab Pergists Lab	(#11207/#12207 #24104/#19206 #11100/#19206 #11100/#12206/#12707 #11100/#12206/#12707 #124102/#12007/#1100 #12105/#12206/#12707/#1620 %#11205/#12206/#1205/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100	B. Unbergenerging and another the second sec	3 3 3 3 3 3 3 3 3 3 3 3 3 2 2 8 3 3 3 3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		2 2 2 2 3 3 3 3 3 3 3 2 2 2 2 2 2 2 2 2	1	2		1 1 1 2 2 2	22222	1 1 1 2 2		2 2 2 2 2 2	3 3 3 2.5		1
	Reducto Statics Like	(#11207/#12207 #24104/#19206 #11100/#19206 #11100/#12206/#12707 #11100/#12206/#12707 #124102/#12007/#1100 #12105/#12206/#12707/#1620 %#11205/#12206/#1205/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100	B. Understand under seine der der der der der der der der der de	3 3 3 3 3 3 3 2 28 3 3 2 28 3 3 2 2 8	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		2 2 2 2 3 3 3 3 3 3 3 2 2 2 2 2 2 2 2 2	1	2				1 1 1 2 2		2 2 2 2 2 2	3 3 2.5		1
	Reducto Statics Like	(#11207/#12207 #24104/#19206 #11100/#19206 #11100/#12206/#12707 #11100/#12206/#12707 #124102/#12007/#1100 #12105/#12206/#12707/#1620 %#11205/#12206/#1205/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100	Se Union entry and another. Service and another of the Control and Annual Annu	3 3 3 3 3 3 3 3 3 3 3 3 3 3 2 2 8 8 3 3 3 3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 5 5 3 3 3 3 3 3 3 3 3 3	1 1 1 3 3 3 3 3 1 1 1 1	2				1 1 1 2 2		2 2 2 2 2 2	a 3 3 2 5		1
86 86 86 86 86 86 86	Reducto Statics Like	(#11207/#12207 #24104/#19206 #11100/#19206 #11100/#12206/#12707 #11100/#12206/#12707 #124102/#12007/#1100 #12105/#12206/#12707/#1620 %#11205/#12206/#1205/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100	Se Union entremponential enteremponential enteremponentia	3 3 3 3 3 3 3 3 3 3 3 3 3 2 2 8 3 3 3 3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 5 5 3 3 3 3 3 3 3 3 3 3	1	2		1 1 1 1 2 2 2		1 1 1 2 2		2 2 2 2 2 2	3 3 3 2 5		1
34 86 86 86 86	Endeately Grantes Lab Endeately Grantes Lab Technico Jacobies Lab Endeately Control of Control of Control of Control Materials and Society Statements & Sector Statements Statements & Statements &	(#11207/#12207 #24104/#19206 #11100/#19206 #11100/#12206/#12707 #11100/#12206/#12707 #124102/#12007/#1100 #12105/#12206/#12707/#1620 %#11205/#12206/#1205/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100	Scholmserberger Scholmserberger Jersen Ausserberger Jersen Ausserbere	3 3 3 3 3 3 3 3 3 3 3 3 3 3 2 2 8 8 3 3 3 3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 5 5 3 3 3 3 3 3 3 3 3 3	1 1 1 3 3 3 3 3 1 1 1 1	2				1 1 1 2 2		2 2 2 2 2 2	3 3 3 2.5		1
34 35 36 36 36 36 36 36 36 36 36 36 36 36 36	Radionita Stanlos Lab.	(#11207/#12207 #24104/#19206 #11100/#19206 #11100/#12206/#12707 #11100/#12206/#12707 #124102/#12007/#1100 #12105/#12206/#12707/#1620 %#11205/#12206/#1205/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100 #24107/#12007/#1100	 Cholmsender Leitung weit andersen. Cholmsender Leitung weit andersen. Cholmsender Leitung weit andersen als andersen als als für The advectors also also also also also also also als	3 3 3 3 3 3 3 3 3 3 3 3 3 3 2 2 8 8 3 3 3 3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 5 5 3 3 3 3 3 3 3 3 3 3	1 1 1 3 3 3 3 3 1 1 1 1	2				1 1 1 2 2		2 2 2 2 2 2	33325		1
Action of the second se	Endeately Grantes Lab Endeately Grantes Lab Technico Jacobies Lab Endeately Control of Control of Control of Control Materials and Society Statements & Sector Statements Statements & Statements &	AL 12:07(AL202) AL 12:07(AL202) AL 22:05(AL202) AL203(AL202) AL203(AL2	Set Understanding and derections. Set Understanding and derections. Set Understanding and Set Understanding	3 3 3 3 3 3 3 3 3 2 2 8 3 3 3 3 3 3 2 2 8 3 3 3 3			2 2 2 2 2 2 2 2 5 5 3 3 3 3 3 3 3 3 3 3	1 1 1 3 3 3 3 3 1 1 1 1	2			2 2 2 2 2 2	1 1 1 2 2		2 2 2 2 2 2	33325		1
	Endeately Grantes Lab Endeately Grantes Lab Technico Jacobies Lab Endeately Control of Control of Control of Control Materials and Society Statements & Sector Statements Statements & Statements &	AL 12:07(AL202) AL 12:07(AL202) AL 22:05(AL202) AL203(AL202) AL203(AL2	 Cholmsender Leitung weit andersen. Cholmsender Leitung weit andersen. Cholmsender Leitung weit andersen als andersen als als für The advectors also also also also also also also als	3 3 3 3 3 3 3 3 3 2 2 2 3 3 3 2 2 3 3 3 2 2 2 3 3 3 2 2 2 3 3 3 2 2 2 2 3 3 3 2 2 2 3 3 3 2 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 3 2 2 2 3 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 3 2 2 3 3 3 3 3 2 2 3 3 3 3 3 3 3 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3			2 2 2 2 2 2 2 2 5 5 3 3 3 3 3 3 3 3 3 3		2			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 2 2		2 2 2 2 2 2	333325		1
	Englanchy Southin Lab Englanchy Southin Lab Technic Participants England Lab Anthromotoxial Mathematical Englanchy Southing Solid and and Sol Solid Solid and Solid And Solid And Solid Solid Solid Anthropy Solid And Sol	AL1207(AL207) AL205(AL207) AL20	Se Union and Sectors and Secto	3 3 3 3 3 3 3 3 3 2 2 3 3 3 2 2 3 3 3 2 2 3 3 3 2 2 2 3 3 3 2 2 2 3 3 3 2 2 2 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 3 3 3 2 2 2 3 3 3 3 3 3 3 3 3 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3			2 2 2 2 2 2 2 2 5 5 3 3 3 3 3 3 3 3 3 3		2		1 1 1 1 1 1 1 2 2 2 2 2 2	2222	1 1 1 2 2		2 2 2 2 2 2	3 3 3 2.5		1
SE SE SE SE SE SE SE SE SE SE SE SE SE S	Reducting Stanlows Leb. Reducting Stanlows Leb. Format Leb. Reduction Leb.	AL1207(AL207) AL205(AL207) AL20	 Choose and American Americ	3 3 3 3 3 3 3 3 3 2 2 2 3 3 3 2 2 3 3 3 2 2 2 3 3 3 2 2 2 3 3 3 2 2 2 2 3 3 3 2 2 2 3 3 3 2 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 3 2 2 2 3 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 3 2 2 3 3 3 3 3 2 2 3 3 3 3 3 3 3 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 5 5 3 3 3 3 3 3 3 3 3 3		2				1 1 1 2 2		2 2 2 2 2 2	3 3 3 3 2 5 2 5		1
Accession of the second	Englanchy Southin Lab Englanchy Southin Lab Technic Participants England Lab Anthromotoxial Mathematical Englanchy Southing Solid and and Sol Solid Solid and Solid And Solid And Solid Solid Solid Anthropy Solid And Sol	AL1207(AL207) AL205(AL207) AL20	 b) choice strategy and interface. c) control strategy and interface. c) control strategy and interface. c) c) control strategy and interface. c) c) control strategy and interface. c) c) c	3 3 3 3 3 3 3 3 3 2 2 3 3 3 2 2 3 3 3 2 2 3 3 3 2 2 2 3 3 3 2 2 2 3 3 3 2 2 2 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 3 3 3 2 2 2 3 3 3 3 3 3 3 3 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3		2				1 1 1 2 2		2 2 2 2 2 2	3 3 3 2 5 2 5		1
36 36 36 36 36 36 36 36 36 36 36 36 36 3	Englanchy Southin Lab Englanchy Southin Lab Technic Participants England Lab Anthromotoxial Mathematical Englanchy Southing Solid and and Sol Solid Solid and Solid And Solid And Solid Solid Solid Anthropy Solid And Sol	AL1207(AL207) AL205(AL207) AL20	 Choose and American Americ	3 3 3 3 3 3 3 3 3 2 2 3 3 3 2 2 3 3 3 2 2 3 3 3 2 2 2 3 3 3 2 2 2 3 3 3 2 2 2 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 3 3 3 3 3 3 3 2 2 2 3 3 3 3 3 3 3 3 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3			2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3		2			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 2 2		2 2 2 2 2 2	3 3 3 2 5 2 5		1
54 54 54 54 54 54 54 54 54 54	Englanchy Southin Lab Englanchy Southin Lab Technic Participants England Lab Anthromotoxial Mathematical Englanchy Southing Solid and and Sol Solid Solid and Solid And Solid And Solid Solid Solid Anthropy Solid And Sol	AL1207(AL207) AL205(AL207) AL20	Se Union and Sectors and Secto	3 3 3 3 3 3 3 3 3 3 3 3 3 2 2 8 3 3 3 3 2 2 8 3 3 3 3 3 3 3 3 3 3 3 3 3			2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3		2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 2 2		2 2 2 2 2 2	3 3 3 2 5 2 5		1
54 54 54 54 54 54 54 54 54 54 54 54 54 5	Androneting Standon Lab. Andrometing Standon Lab. Realing Lab. Realing Lab. Realing Lab. Realing Lab. Realing La	AL1207(AL207) AL205(AL207) AL20	 Choose and American Americ	3 3 3 3 3 3 3 3 3 3 2 2 3 3 3 3 2 2 3 3 3 3 2 2 3 3 3 3 2 2 3 3 3 3 2 2 3 3 3 3 3 2 2 3 3 3 3 3 3 3 3 2 2 2 8 3 3 3 3 3 3 3 3 3 3 3 3 3			2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3		2		1 1 1 1 1 2 2 2 2		1 1 1 2 2		2 2 2 2 2 2	3 3 3 2 2 5 2 5		1
An II An II An II An II An II An II An II An II An II An II	Androneting Standon Lab. Andrometing Standon Lab. Realing Lab. Realing Lab. Realing Lab. Realing Lab. Realing La	AL1207(AL207) AL205(AL207) AL20	 Choose and American Americ	3 3 <t< td=""><td></td><td></td><td>2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3</td><td></td><td>2</td><td></td><td></td><td></td><td>1 1 1 2 2</td><td></td><td>2 2 2 2 2 2</td><td>3 3 3 7 25</td><td></td><td>1</td></t<>			2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3		2				1 1 1 2 2		2 2 2 2 2 2	3 3 3 7 25		1
55 56 56 56 56 56 56 56 56 56 56 56 56 5	Restanting Restance Left Restanting Restance Left Restanting Restance Left Restanting Restance Left Restanting Restance Restance Restance Restance Restance Rest	AL1207(AL207) AL205(AL207) AL20	 b) choice of they are direction. c) control of they are direction. c) control of the direction of the control of the direction of the dir	3 3 <t< td=""><td></td><td></td><td>2 2 2 3 3 5 5 5 3 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2</td><td></td><td>2</td><td></td><td></td><td></td><td>1 1 1 2 2</td><td></td><td>2 2 2 2 2 2</td><td>3 3 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7</td><td></td><td>1</td></t<>			2 2 2 3 3 5 5 5 3 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2		2				1 1 1 2 2		2 2 2 2 2 2	3 3 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		1
An III AN IIII AN III AN IIII AN III AN IIII AN III AN IIII AN III AN III AN III AN III AN IIII AN IIIII AN IIIII AN IIIII AN IIIIII AN IIIIII AN IIIIIII AN IIIIIII AN IIIIIIII	Androneting Standon Lab. Andrometing Standon Lab. Realing Lab. Realing Lab. Realing Lab. Realing Lab. Realing La	AL1207(AL207) AL205(AL207) AL20	 Cherroritani Carlos and another days for extension. Cherroritani Carlos and another days for extension. Cherroritani Carlos another days for extension. Cherroritani	3 3 3 3 3 3 3 3 3 3 3 3 3 3			2 2 2 3 3 5 5 5 3 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2		2				1 1 1 2 2		2 2 2 2 2 2	3 3 3 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		1
35 36 36 36 36 36 36 36 36 36 36 36 36 36	Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Lab. Ende	AL1207(AL207) AL205(AL207) AL20	b) chore in the second constraints of the constraints of the second constraints of the second constraints of the constraints of the second constr	3 3 3 3 3 3 3 3 3 3 3 3 3 3			2 2 2 2 2 2 2 2 2 2 2 2 2 2		2				1 1 1 2 2		2 2 2 2 2 2			1
	Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Lab. Ende	AL1207(AL207) AL205(AL207) AL20	School Control	3 3 3 3 3 3 3 3 3 3 3 3 3 3			2 2 2 2 2 2 2 2 2 2 2 2 2 2		2				1 1 1 2 2		2 2 2 2 2 2	3 3 3 1 2 5 2 5		1
	Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Lab. Ende	AL1207(AL207) AL205(AL207) AL20	b) chore in the second constraints of the constraints of the second constraints of the second constraints of the constraints of the second constr	3 3 3 3 3 3 3 3 3 3 3 3 3 3			2 2 2 3 3 2 2 3 3 3 3 3 3 3 2 2 2 2		2				1 1 1 2 2		2 2 2 2 2 2	3		1
An Add Add <	Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Lab. Ende	AL1207(AL207) AL205(AL207) AL20	 Cherrors and Constraints of the Constr	3 3 3 3 3 3 3 3 3 3 2 2 3 3 3 3 2 2 3 3 3 3 2 2 3 3 3 3 2 2 3 3 3 3 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 2 3 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2			2 2 2 3 3 2 2 3 3 3 3 3 3 3 2 2 2 2		2				1 1 1 2 2		2 2 2 2 2 2	3 3 3 1 2 5 2 5		1
	Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Lab. Ende	AL1207(AL207) AL205(AL207) AL20	b) chore of the section of the control of the co	3 3 3 3 3 3 3 3 3 3 3 3 3 3			2 2 3 3 2 2 5 5 3 3 3 3 3 3 3 3 3 3 3 3		2				1 1 1 2 2		2 2 2 2 2 2	3001 2.5		1
24 24 24 24 25 26 26 26 26 26 26 26 26 26 26 26 26 26	Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Lab. Ende	AL1207(AL207) AL205(AL207) AL20	 b) choice of the present detection. c) constrained another of the forest and the fait is first and the present alreaders and another of the forest and the present alreaders and the fait is first and the present alreaders and t	3 3 3 3 3 3 3 3 3 3 2 2 3 3 3 3 2 2 3 3 3 3 2 2 3 3 3 3 2 2 3 3 3 3 2 2 3 3 3 3 2 2 2 3 3 3 3 2 2 2 2 3 3 3 3 2 2 2 2 2 3 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2			2 2 2 3 3 2 2 3 3 3 3 3 3 3 2 2 2 2		2				1 1 1 2 2		2 2 2 2 2 2	3037		1
25 26 26 26 26 26 26 26 26 26 26	Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Lab. Ende	AL1207(AL207) AL205(AL207) AL20	b) Units of the section of the section. b) Units of the section of the section. c) Units of the se	3 3 3 3 3 3 3 3 3 3 3 3 3 3			2 2 3 3 2 2 5 5 3 3 3 3 3 3 3 3 3 3 3 3		2				1 1 1 2 2		2 2 2 2 2 2	3000 2.5		1
24 34 34 34 34 34 34 34 34 34 3	Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Lab. Ende	AL1207(AL207) AL205(AL207) AL20	S. Johnson Lenger and another a factor and a sector of a factor and a sector of another a factor and a sector of a factor and a sector an	3 3 3 3 3 3 3 3 3 3 3 3 3 3					2				1 1 1 2 2		2 2 2 2 2 2	2.5		1
	Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Lab. Ende	AL1207(AL207) AL205(AL207) AL20	S. Johnson Lenger and another a factor and a sector of a factor and a sector of another a factor and a sector of a factor and a sector an	3 3 3 3 3 3 3 3 3 3 3 3 3 3					2				1 1 1 2 2		2 2 2 2 2 2	3000 2.5		1
IL IL IL IL IL IL IL IL IL IL IL IL IL I	Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Scatter Lab. Endeanchy Lab. Ende	AL1207(AL207) AL205(AL207) AL20	 b) choice of the present detection. c) constrained another of the forest and the fait is first and the present alreaders and another of the forest and the present alreaders and the fait is first and the present alreaders and t	3 3 3 3 3 3 3 3 3 3 3 3 3 3					2				1 1 1 2 2		2 2 2 2 2 2	300 A		1