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LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
2	30/12	polymers, monomers, degree of poly	I	CR		
1	01/01/15	diff b/w add & cond	"	"		
5	02/01	Diff b/w Thermo plastic & Thermo set	"	"		
6	02/01	compounding of plastics	"	"		
2	6/1	classification of plastics	"	"		
1	7/1	compression & Injection molding	"	"		
5	8/1	Extrusion & transfer molding	"	"		
6	8/1	preparation of PE, PVC, PTFE, Bakelite, polyester	"	"		

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2	20/1	nylon66- properties	T	OR		
		uses				
1	21/1	cement classification	"	"		
5	22/1	preparation of	"	"		
		portland cement				
6	22/1	chemical reaction				
				"		
2	27/1	setting & hardening of	"	"		
		cement				
1	28/1	Revision				
5	29/1	Difference b/w	<u>11</u>	"		
		hardness of soft water				
6	29/1	Temporary & permanent	"	"		
		hardness				
2	10/2	units & its	"	"		
		inter conversion				
1	11/2	problems on	"	"		
		hardness				

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
5	12/2	Estimation of hardness by EDTA method	II	CR		
		← mid exams →				
2	17/2	Demineralisation process - zeolite	"	"		
1	18/2	process Limesoda process, Ion exchange	"	"		
5	19/2	municipal water treatment - sedimentation, coagulation	"	"		
6	19/2	Sterilization, Break point of chlorination	"	"		
			III			
2	24/2	corrosion def, examples - Theories	"	"		
1	25/2	oxid ⁿ corrosion Evaluation of H ₂	"	"		
5	26/2	absorption of O ₂	"	"		
6	26/2	Galvanic cells, Concentration cells	"	"		

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2	2/3	Galvanic series		CR		
		diff b/w ES & C.S	"	"		
1	3/3	Factors influencing				
		rate of corrosion	"	"		
5	4/3	control of				
		corrosion by cathodic prot	"	"		
6	4/3	metallic coating				
		anodic, cathodic	"	"		
2	9/3	modifying the				
		environment	"	"		
1	10/3	use of inhibitors	"			
5	11/3	Exam				
6	14/3	cathodic, anodic	"	"		
		inhibitors	"	"		
2	16/3	applications on				
		corrosion	"	"		
15	17/3	Revision on π - π				
			IV			
6	18/3	Fractional				
		distillation of petrol				

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Period	Date (tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
2	23/3	cracking - Thermal + catalytic	"	CR		
1	24/3	synthetic petrol preparation	"	"		
5	25/3	Fischer-Tropsch,	"	"		
6	25/3	Bergius process.	"	"		
2	30/3	Refining + Reforming of petrol	"	"		
2	31/3	Knocking, anti knocking, octane number - cetane number	"	"		
5	06/4	functions of lubricants	"	"		
6	01/4	mechanism of lubrication	"	"		
2	06/4	properties of lub. viscosity, flash point	"	"		
1	07/4	Aniline point, mechanical strength	"	"		
5	08/4	solar panel, solar cells	"	"		
6	08/4	photo voltaic cell	"	"		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
2	13/4	photo voltaic cell	IV	CR		
1	14/4	greenhouse effect		"		
5, 6	15/4	green chemistry	"	"		
		principles.				
2	20/4	applications 4	"	"		
		methods of c-c		"		
1	21/4	nanomaterials	"	"		
		preparations				
5	22/4	nano materials	"	"		
		properties		"		
6, 2	24/4	applications of	"	"		
		nanomaterials				
← mid →				exam		
1	28/4	Revision				
5	29/4	Revision				
6	29/4	Revision				