LESSON PLAN (5th Sem Ceramic)

REFRACTORY APPLICATION FOR METALLURGICAL INDUSTRIES:

Sl. No	TOPIC	Reference	Assignment	Comment/ period
1.0	Scope and relevance of metallurgy to ceramic.	RH,VR	No	1 period
1.1	Introduction to metallurgy and its importance to Refractory.	RH,VR	Yes	2 periods
1.2	Extraction of pig iron from blast furnace ,Modern development in blast furnace.	RH, VR	Yes	3 periods
1.3	Preparation of cast iron and alternative route of iron making.	RH,VR	Yes	3 periods
1.4	Corex and midrex process.	RH,VH	No	1 period
1.5	Steel making by L.D process and by electric Arc furnace.	RH,VR	No	2 periods
1.6	Classification of Steel and application of Steel.	RH,VR	Yes	1 periods
1.7	Alloy of Steel.	RH,VH	Yes	1 period
1.8	Recent process of steel making, continuous process	RH,VH	Yes	3 periods

Edit with WPS Office

	of metal.			
1.9	Introduction to powder metallurgy process.	RH,VR	No	2 periods
1.10	Secondary Steel making process.	RH,VR	Yes	1 periods
1.11	Sponge iron making.	RH,VR	Yes	2 periods
2.1	describe various types of refractories is used in iron and steel making and their important properties.	RH,VR	No	3 periods
2.2	Blast furnace EAF , CF ,hot stove	RH,VR	No	2 periods
2.3	BOF, LRF, Ladle , Torpedo Ladle car.	RH,VR	Yes	3 periods
2.4	Continuous casting refractory.	RH,VR	No	1 periods
2.5	Slide gate refractory.	RH,VR	No	1 periods

Edit with WPS Office