GOVERNMENT POLYTECHNIC JAJPUR

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DEPARTMENT OF METALLURGICAL ENGINEERING

	1	DEPARTMENT OF METALLURGICAL ENGINEERING LESSON PLAN
Discipline Metallurgy	Semester th	Name of teaching faculty: Hari Shankar Dehuria P.T.G.F in metallurgy
Subject LECTEDAL Medallog-I	No day/ week class:	No of week: 16 Session: winter 2022
Week	Class Day	Topic
1st	1st ·	Introduction of Tran Natural ALS OF OKES,
	2nd	Minerals Flyn, there ares.
	3rd	Delaste of Troy one flix and Coald
	4th	Quality Requirement of Row materials.
	5th	Carlotte CARCATECT
	1st	Diffrest tubes of Iron Ore
	2nd	Composition of the activity of Ran Mational
2nd	3rd	Evaluation of Pron Ore
	4th	Mexallurgical Coal
-(2)	5th	
	1st	Difference between coal of coke:
	2nd	Required properties of come too
3rd	3rd	Plus A its types, uses.
	4th	Evaluation of Flux (Audica Basic)
	5th	
	1st	Quality of Providing (Physical of Chanical
	2nd	Different types of Agglomoration
4th	3rd	Black Furnance Freak full Discussion
	4th	Introduction to code, function of Col
	5th	
	1st	Ghality requirement of cone.
5th	2nd	Dreparation of B.F. fuel in Tade's
	3rd	Auxiliary Fuels
	4th	Fuel concerption factor of ecting
	5th	
	1st	Blase Furnace Operation (Gist).
	2nd	Different Kind of Changing Nethod Through
		Hazi Sula. Dawa:

Г		Blowtha in Drying
th	3rd	
	4th	Filipa Blowring Out
·		411118
	5th	Bu Diculmon,
	1st	Banking In full Disumon.
9	151	Blowsing down full This custom
1	2nd	Blowting agreen the string
th [3rd	Talliday Hanning Back Draughting
	4th	Pristik Jahrant & Back 120
	5th	Distribute.
		Disposal Of Slags, Black Draughting, Discuss about Granulation of the Utilization Full Diagram of DIF (tall Details)
	1st	Disposal of Mags, Data Thay atiuxation
	2nd	Cuca superior (
	2-4	Discour about Granulation ! Pull Discours of DIF (Int Detacts)
8th	3rd	Different Zon of BJE (tall Tetalls)
	4th	17 Tested Aces
	5th	No. of the second secon
	501	Blast Fuzuece Accessories.
	1st	Mary Property (Discus)
	2nd	Diag Tomak to Tel 80 Closes
		Ctask Linghas Hearth Krains
9th	3rd	Doch dingra
	4th	Disjus valuet Hearth wall of Island
	ru.	
	5th	Black Transmer Cooling Arrangement
	1st	
	2nd	
	Zilu	D'ILL WALLED.
10th	3rd	Tap Holis of tap hole Irolling Charles
10111		Cast House in full Details
	4th	Cast House is fact is
	5th	Discuss about Tingers Assembly
	1st	Ranz material cection in Cast House
	2nd	a labeliance
11th	3rd	True details about Pop Charging Syste
	4th 5th	treat demision thereses in Land
		Discus canout Blowers, Boilers, Demps
	1st	Cos Cleansly Plants
	2nd	Warking ste Blast Furnance Stoves.
12th	3rd	Blad Furname leverplesities of Remedies.
	4th	157-1071
	5th	Hanging P Scaffolding
	1st	They ing 4 strategy
		Mile & Chilled Hearth
	2nd	- Will a Company
13th	3rd	Chocking of Bas of take
13tn	4th	Morning red who all range
	40.	J
	5th	
	3.11	Oradina & Cloke election they much
		Thodaing a coke ejection through

Havi Shahar Tahuna Ido 9/20,25

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14th	2nd 3rd 4th	Physical Champers of BIF. Reaction o'n Tuyers Zone / Reaction in Stack
15th	1st 2nd 3rd 4th	Reaction in Brown of BIF browns Direct of Indexect Reduction Silvion of Sulphur xearting, Burder Calculation
200	5th 1st 2nd	MODERN BIF But his Charging. High top presume Operation.
16th	3rd 4th 5th	Humiditication of Oxygen envillment of RIF External A's Henrication External desulphinization, Revenue.

Hazi Shalar Dehuz'ca