

PADMASHREE KRUTARTHA ACHARYA INSTITUTE OF  
ENGINEERING & TECHNOLOGY, BARGARH



PROGRESS REGISTER

Session-2022-2023

Discipline: Metallurgical Engg.

Semester: 6th

Subject:

FT

Name of the Teaching Faculty:

Santosh panda

Subject: PT No. of Days/per week class allotted 5

Semester From Date: 14/2/23 To Date: 23/5/23 No. of Weeks: 12

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
14/2/23	CASTING DEFINITION	CASTING DEFINITION	CASTING DEFINITION	S. PANDA
15/2/23	STEPS INVOLVED IN CASTING	STEPS INVOLVED IN CASTING	STEPS INVOLVED IN CASTING	S. PANDA
17/2/23	ADV. & DIS. OF CASTING	ADV. & DIS. OF CASTING	ADV. & DIS. OF CASTING	S. PANDA
20/2/23	PATTERN DEFN	PATTERN DEFN	PATTERN DEFN.	S. PANDA
24/2/23	PATTERN ALLOWANCE	PATTERN ALLOWANCE	PATTERN ALLOWANCE	S. PANDA
22/2/23	PRESERVATION OF PATTERN	PRESERVATION OF PATTERN	PRESERVATION OF PATTERN	S. PANDA
24/2/23	MOULDING SAND	MOULDING SAND	MOULDING SAND	S. PANDA
25/2/23	TYPES OF M.S	TYPES OF M.S	TYPES OF M.S	S. PANDA
27/2/23	PATTERN VS CASTING	PATTERN VS CASTING	PATTERN VS CASTING	S. PANDA
28/2/23	PROPERTIES OF M.S	PROPERTIES OF M.S	PROPERTIES OF M.S	S. PANDA
1/3/23	FALING & BACKING SAND	FALING & BACKING SAND	FALING & BACKING SAND.	S. PANDA

Subject: PT No. of Days/per week class allotted 5

Semester From Date: 14/2/23 To Date: 23/5/23 No. of Weeks: 12

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
3/3/23	Sand conditioning	Sand conditioning	Sand conditioning.	S. Panda
4/3/23	Sand Reclamation	Sand Reclamation	Sand Reclamation.	S. Panda
6/3/23	Testing of M.S	Testing of M.S	Testing of M.S	S. Panda
7/3/23	Moisture content Test	M.C.T	M.S.P	S. Panda
8/3/23	Clay content Test	C.C.T	C.C.T	S. Panda
10/3/23	Hardness Test	Hardness Test	Hardness Test.	S. Panda
11/3/23	AFS Grain Test	AFS Grain Test	AFS Grain Test.	S. Panda
14/3/23	Binder Function	Binder function	Binder function.	S. Panda
15/3/23	Types of Binder	Types of Binder	Types of Binder	S. Panda
17/3/23	Additives & types	Additives types	Additives types.	S. Panda
18/3/23	Function of S.P. Additive	Function of S.P. Additive.	Function of S.P. Additive.	S. Panda

Subject: RT No. of Days/per week class allotted 5

Semester From Date: 14/2/23 To Date: 23/5/23 No. of Weeks: 12

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
20/3/23	Core introduction	Core Introduction	Core introduction.	S. Panda
21/3/23	Steps of core Makers	Steps of core Makers	Steps of core Makers.	S. Panda
22/3/23	Methods of core Bakers	Methods of core Bakers	Core Bakers of Methods.	S. Panda
24/3/23	Core Baker's Machine	C.B.M	C.B.M	S. Panda
25/3/23	Mould Characteristics	Mould Characteristics	Mould Characteristics	S. Panda
27/3/23	Mould Types	Mould Types	Mould Types.	S. Panda
28/3/23	Various Moulding M/C	Various Moulding M/C	Various Moulding M/C	S. Panda
29/3/23	Machine Moulding	Machine Moulding	Machine Moulding.	S. Panda
31/3/23	M/C Moulding Details	M/C Moulding Details	M/C Moulding Details.	S. Panda
1/4/23	Bench Moulding	Bench Moulding	Bench Moulding.	S. Panda
3/4/23	Floor Moulding	Floor Moulding	Floor Moulding.	S. Panda

Subject: PT No. of Days/per week class allotted 5

Semester From Date: 14/2/23 To Date: 23/5/23 No. of Weeks: 12

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
4/4/23	Pit Moulding	Pit Moulding	Pit Moulding	S. Panda
5/4/23	Porcelain pattern	Porcelain pattern	Porcelain pattern	S. Panda
8/4/23	investment Moulding	investment Moulding	investment Moulding	S. Panda
9/4/23	Ramming Method	Ramming Method	Ramming Method	S. Panda
10/4/23	Shell Moulding Process	Shell Moulding Process	Shell Moulding Process	S. Panda
11/4/23	Permanence & its type	Permanence & its type	Permanence & its type	S. Panda
12/4/23	Composite Permanence	Composite Permanence	Composite Permanence	S. Panda
15/4/23	Induction Permanence	Induction Permanence	Induction Permanence	S. Panda
17/4/23	Types of I.F	Types of I.F	Types of I.F	S. Panda
18/4/23	Electric Arc Permanence	E.A.F	E.A.F	S. Panda
19/4/23	Types of E.A.F	Types of E.A.F	Types of E.A.F	S. Panda

subject: PT No. of Days/per week class allotted 5

Semester From Date: 14/2/23 To Date: 23/5/23 No. of Weeks: 12

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
21/4/23	Adv. of cupola	Adv. of cupola	Adv. of cupola.	S. Panda
24/4/23	Limitation of cupola	Limitation of cupola	Limitation of cupola.	S. Panda
25/4/23	Question Practice	Question Practice	Question Practice	S. Panda
26/4/23	Gating system	Gating system	Gating system.	S. Panda
29/4/23	Elements of G.S	Elements of G.S	Elements of G.S.	S. Panda
29/4/23	Riser function	Riser function	Riser function.	S. Panda
1/5/23	Riser types	Riser types	Riser types.	S. Panda
2/5/23	Direction of solidification	Direction of solidification	Direction of solidification.	S. Panda
3/5/23	Chills function	Chills function	Chills function.	S. Panda
6/5/23	Chaplets function	Chaplets function	Chaplets function.	S. Panda
8/5/23	Cleanliness of casting	Cleanliness of casting	Cleanliness of casting.	S. Panda

Subject: \_\_\_\_\_

PT

No. of Days/per week class allotted 05Semester From Date: 14/2/23 To Date: 23/5/23 No. of Weeks: 12

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
9/5/23	Core & its types	Core & its types	Core & its types	S. Pandey
10/5/23	Die casting & types	Die casting & types	Die casting & types	S. Pandey
11/5/23	Casting & Defect	Casting Defect	Casting Defect	S. Pandey
12/5/23	Doubt. Class	Doubt. Class	Doubt. Class	S. Pandey
13/5/23	Pr. yr. Question	Pr. yr. Question	Pr. yr. Question.	S. Pandey
15/5/23	Defect types	Defect types	Defect types	S. Pandey
16/5/23	Doubt. Class	Doubt. Class	Doubt. Class	S. Pandey
20/5/23	Class Test	Class Test	Class Test	S. Pandey
22/5/23	Pr. yr. Question	Pr. yr. Question	Pr. yr. Question.	S. Pandey