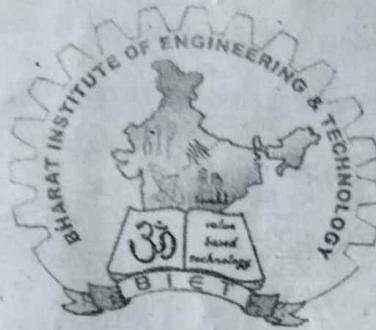


BHARAT INSTITUTE OF ENGINEERING & TECHNOLOGY

SIVARAM VIHAR, GHATAKESWAR HILLS
MOHADA, BERHAMPUR (GM.)



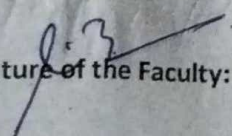
STUDENT'S ATTENDANCE REGISTER

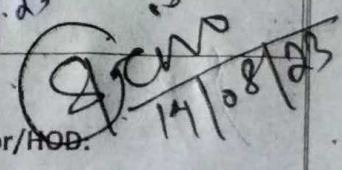
Time	9.05 - 9.55	10.45 - 11.35	11.35 - 12.25	1.05 - 1.55	
Day					
Mon					
Tue					
Wed	math-1			math-1	
Thu		math-1			
Fri	math-1				
Sat		math-1	math-1		

Year/ Session : 2023 (winter)	Semester from Date: 16.8.23	To Date : 11.12.23
Semester & Branch	1 st Semester (sec-D)	
Subject with Code	Engineering math-1	
Name of the Faculty Member	Sibus Jena	
No of Weeks:	No of Days per Week Class Allotted : 5	

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
Aug	1st	16/08/23	matrices and Determinants
		16/08/23	
	2nd	17/08/23	(a) Type of matrices
		18/08/23	
	3rd	19/08/23	Tutorial
		20/08/23	(b) Algebra of matrices.
	4th	23/08/23	
		23/08/23	(c) Determinant
	5th	25/08/23	
		26/08/23	(d) Properties of determinant.
Sept	6th	26/08/23	Tutorial
		31/08/23	(e) Inverse of a matrix
	7th	1/09/23	(second and third order.)
		2/09/23	(Questions should be on Second order)
	8th	2/09/23	Tutorial
		7/09/23	(f) Cramer's rule
	9th	8/09/23	
		9/09/23	(Questions should be on 2 variables)
	10th	9/09/23	Tutorial
		13/09/23	(g) Solution of simultaneous equations
11th	13/09/23	by matrix inverse method	
		(Questions should be on 2 variables)	

Signature of the Faculty: 

Signature of the Principal/Course Co-ordinator/HOD:  14/08/23

B.I.E.T., COURSE PLAN

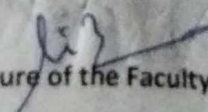
Month	Week	Class Day	Theory/Practical Topic
Sept.	↑ 5th ↓	14/09/23	Trigonometry
		15/09/23	
	↓	16/09/23	(a) Trigonometrical ratios.
		16/09/23	
	↑	21/09/23	- Tutorial
	6th ↓	22/09/23	(b) Compound angles, multiple and sub-multiple angles
		23/09/23	
	↓	23/09/23	(only formula)
		27/09/23	
	↑	27/09/23	- Tutorial
27/09/23		(c) Define Inverse circular function and its properties	
7th ↓	28/09/23		
	30/09/23	(No - Derivation)	
30/09/23			
↑	4/10/23	- Tutorial	
	4/10/23	(c) Define Inverse circular function and its properties (NO - Derivation)	
8th ↓	5/10/23		
	6/10/23	- Tutorial	
7/10/23			
↓	7/10/23	- Tutorial	
	7/10/23		

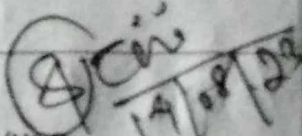
Signature of the Faculty:

Signature of the Principal/Course Co-ordinator/HOD: 14/08/23

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
oct	8th	11/10/23	<u>Co-ordinate Geometry in</u> <u>Two Dimensions</u> <u>Straight Line</u> (a) Introduction of geometry in two dimension.
		11/10/23	
		12/10/23	
	9th	13/10/23	(b) Distance formulae, division formulae, area of a triangle (only formula no derivation)
		14/10/23	
		14/10/23	
	10th	14/10/23	Tutorial
		18/10/23	(c) Define slope of a line, angle between two lines (only F) condition of perpendicularity and parallelism.
		18/10/23	
		19/10/23	
21	21/10/23	Tutorial	
	21/10/23	(d) Different forms of straight lines (only formulae) (i) one point form (ii) Two point form	

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Signature of the Principal/Course Co-ordinator/HOD: 

19/08/23

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 20px;">↑</div> <div style="margin-bottom: 20px;">↑</div> <div style="margin-bottom: 20px;">↓</div> <div style="margin-bottom: 20px;">↓</div> </div>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 20px;">↑</div> <div style="margin-bottom: 20px;">12th</div> <div style="margin-bottom: 20px;">↓</div> </div>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 20px;">21/11/23</div> <div style="margin-bottom: 20px;">21/10/23</div> <div style="margin-bottom: 20px;">31/11/23</div> </div>	<p>(iii) Slope form (iv) Intercept form (v) Perpendicular to a line.</p> <p>(e) Equation of a line passing through a point and (i) parallel to a line (ii) perpendicular to a line</p> <p>(f) Equation of a line passing through the intersection of two lines.</p> <p>(g) Distance of a point from a line.</p>

Signature of the Faculty:

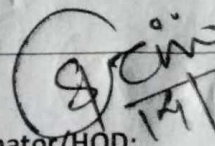
Signature of the Principal/Course Co-ordinator/HOD: 74/08/23

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
			(4) <u>circle</u>
	12th	4/11/23	(a) Equation of a circle
		4/11/23	Tutorial
		8/11/23	(i) center radius form
		8/11/23	
	13th	9/11/23	(ii) general equation of a circle
		10/11/23	
		11/11/23	
		11/11/23	(iii) end point of diameter form
		15/11/23	Tutorial
			(5) <u>Co-ordinate Geometry</u> in <u>three</u> <u>dimensions</u>
	14th	15/11/23	(a) Distance formula, section formulae,
		16/11/23	direction ratio, direction cosine,
		17/11/23	angle between two lines.
		18/11/23	(condition of parallelism and perpendicularity)
		18/11/23	Tutorial

Signature of the Faculty:

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 14/08/23

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
Nov	15th	22/11/23	(b) Equation of a plane
		22/11/23	
		23/11/23	(i) General form, angle between
		24/11/23	two planes, perpendicular distance
		25/11/23	of a point from plane, equation of
	16th	25/11/23	a plane passing through a point
		29/11/23	and
		29/11/23	Tutorial.
		30/11/23	(i) parallel to a plane
		1/12/23	(ii) perpendicular to a plane
Dec	17th	2/12/23	(b) <u>Sphere</u>
		2/12/23	
		6/12/23	(a) Equation of a sphere
		6/12/23	(i) center radius form
		7/12/23	(ii) general form
	18th	8/12/23	(iii) Two end points of a
		9/12/23	diameter form.
		9/12/23	(only) formulae and
		9/12/23	problems
		9/12/23	

Signature of the Faculty:

Signature of the Principal/Course Co-ordinator/HOD: 11/11/23