Department of Vocational Studies Pavanatma College, Murickassery Idukki-685604

Curriculum Framework B.Voc DTP and Printing Technology



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Course - I

Semester - I

Listening and speaking skills in English

1	Course	Core
2	Course Type	Theory
3	Course Code	BOCG101
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	4
10	Number of Modules	5
	Distribution of Inter	rnal Marks
11	Attendance	5
12	Assignment/Seminar	5
13	Assessment Test	$10 (2 \times 5 = 10)$

1.2 Curriculum Structure

Module	Module Title	Delivery Methods	Total
Modele	inodale Title	Denivery Methods	hours
1	Pronunciation and	Lecturing	10
1	neutralisation of accent		10
2	Listening skills	Lecturing	20
3	Speaking skills	interactive talk	20
4	Fluency	Lecturing	12
5	Reading skills	Lecturing	10

1.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

1.4 Course Outcome

CO-1	Understand the process of communication and its effect on
00-1	giving and receiving information
GO 9	Apply effective communication skills in a variety of public
CO-2	and interpersonal settings
GO 9	Discover the impact of changing communication methods on
CO-3	society
CO-4	Develop analytical, research, and organizational skills

1.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	2	0	0	0	0	0	0	0
CO-2	1	0	0	0	3	0	0	0	0	0
CO-3	0	0	2	0	0	0	0	0	0	0
CO-4	2	0	0	0	0	0	0	0	0	0

1.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	3	0	0	0	0
CO-2	0	2	2	0	0	0
CO-3	0	2	1	0	0	0
CO-4	0	2	2	0	0	0

Course - II

Semester - & I

IT for business(P)

Course	Core
Course Type	Practical
Course Code	BOCG102
Credit	4
Duration of External Examination	3 hours
External Assessment	80
Internal Assessment	20
Total hours	144
Hours per Week	3
Number of Experiments	15
Total Week to complete	27
Distribution of Inter	rnal Marks
Attendance	2
Record	4
Assessment Test	4 (1 × 4 = 1)
	Course Type Course Code Credit Duration of External Examination External Assessment Internal Assessment Total hours Hours per Week Number of Experiments Total Week to complete Distribution of Internal Attendance Record

2.2 Evaluation Methods

No.	Assessment Methods	Evaluation Type		
1	Assessment tests	Internal Assessment		
2	Practical Record	Internal Assessment		
3	Exprimental Skill	Internal Assessment		
4	University Examination	External Assessment		

2.3 Course Outcome

CO-1	Understand the meaning of life and its challenges.			
CO-2	Develop oneâĂŹs self understanding.			
CO 2	Provided with skills and knowledge needed to cope with			
CO-3	lifeâĂŹs problems and challenges.			
Develop critical thinking skills so participants learn a				
CO-4	number of alternatives in dealing with a difficult situation.			

2.4 CO - PO Mapping

CO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	2	0	0	0	0	0	0	0	0	0
CO-2	0	0	2	0	0	0	0	0	0	0
CO-3	1	0	0	0	3	0	0	0	0	0
CO-4	0	0	2	0	0	0	0	0	0	0

2.5 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	0	2	0	0
CO-2	0	0	2	0	0	0
CO-3	3	0		0	0	0
CO-4	0	0	0	0	3	0

Course - III

Semester - I

Basic concepts of computer

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC103
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	5
10	Number of Modules	5
	Distribution of Inter	rnal Marks
11	Attendance	5
12	Assignment/Seminar	5
13	Assessment Test	$10 (2 \times 5 = 10)$

3.2 Curriculum Structure

Module	Module Title	Delivery Methods	Total
Wiodule	Module Title	Denvery Methods	hours
1	Computer Fundamentals	Lecturing	10
2	computer langugage	Lecturing	20
3	operating systems	interactive talk	12
4	internet	Lecturing	20
5	cyber security	Lecturing	10

3.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

3.4 Course Outcome

CO-1	Microsoft WordÂăis a sophisticatedÂăwordÂăprocessing
CO-1	application program
CO 9	To create just about any kind ofÂăbusinessÂădocument,
CO-2	including companyÂăreports, presentations.
CO-3	To create text documents that can be saved electronically,
00-3	printed on paper or saved as PDF files.
CO-4	understand functioning of OS

3.5 CO - PO Mapping

CO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	2	0	0	0	0	0	0	0
CO-2	1	0	0	0	3	0	0	0	0	0
CO-3	0	0	2	0	0	0	0	0	0	0
CO-4	3	0	0	0	0	0	0	0	0	0

3.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	2	2	0	0	0
CO-2	0	2	1	0	0	0
CO-3	0	2	2	0	0	0
CO-4	0	0	0	2	0	0

Course - IV

Semester - I

Life skill

1	Course	Core
2	Course Type	Theory
3	Course Code	PBOC104
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	3
10	Number of Modules	5
	Distribution of Inter	rnal Marks
11	Attendance	5
12	Assignment/Seminar	5
13	Assessment Test	$10 (2 \times 5 = 10)$

 $PBOC104 - Life \ skill$ 11

4.2 Curriculum Structure

Module	Module Title	Delivery Methods	Total hours
1	Restructuring oneâçs own life story:	Workshop	10
2	Self acceptance, Self esteem, Self concept	Erudite lecture	10
3	Positive thinking. Definition of personality,	Personal counselling	20
4	Motivation	Seminars	12
5	Planning for life:	Personal counselling	20

4.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

 $PBOC104 - Life\ skill$ 12

4.4 Course Outcome

CO-1	Understand the meaning of life and its challenges.			
CO-2	Develop oneâĂŹs self understanding.			
GO 9	Provided with skills and knowledge needed to cope with			
CO-3	lifeâĂŹs problems and challenges.			
00.4	Develop critical thinking skills so participants learn a			
CO-4	number of alternatives in dealing with a difficult situation.			

4.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	0	0	0	0	0	0	2	0
CO-2	0	0	0	0	0	0	0	0	0	1
CO-3	2	0	0	0	0	0	0	0	0	0
CO-4	0	0	0	3	0	0	0	0	0	0

4.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	2	0	0	0
CO-2	0	2	2	0	0	0
CO-3	0	2	1	0	0	0
CO-4	0	2	2	0	0	0

Course - V

Semester - I

Fundamentals of dtp

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC105
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	5
10	Number of Modules	5
	Distribution of Inter	rnal Marks
11	Attendance	5
12	Assignment/Seminar	5
13	Assessment Test	$10 (2 \times 5 = 10)$

5.2 Curriculum Structure

Module	Module Title	Dolizzawy Mothoda	Total	
Module	Module Title	Delivery Methods	hours	
1	Desk Top Publishing	Lecturing, questioning	10	
2	Typography	Lecturing, questioning	20	
3	Paper Introduction and	Presentation, Practising	20	
3	preparation	Tresentation, Tractising	20	
4	Concept of layout	Presentation, Practising	12	
5	Networking Concept,	Lecturing, questioning	10	
ย	Printing Process	Lecturing, questioning	10	

5.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

5.4 Course Outcome

00.1	To Âăcreation of documents usingÂăpage
CO-1	layoutÂăsoftwareÂăon a personal computer
CO-2	To support for Numerous Project Types
CO-3	To recognize the paper sizes and its weight/thickness
CO-4	To create any type of DTP works within the programmes.

5.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	0	0	0	0	3	2	0	0
CO-2	0	0	0	1	0	0	0	0	0	1
CO-3	1	0	0	0	0	0	0	2	0	0
CO-4	3	0	0	0	0	0	0	0	0	0

5.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	0	2	0	0
CO-2	0	0	2	0	0	0
CO-3	0	0	0	0	3	0
CO-4	0	2	2	0	0	0

Course - VI

Semester - & I

Basic platform of pagelayout(P)

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC106
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	5
10	Number of Experiments	15
11	Total Week to complete	18
	Distribution of Inter	nal Marks
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)

6.2 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Practical Record	Internal Assessment
3	Exprimental Skill	Internal Assessment
4	University Examination	External Assessment

6.3 Course Outcome

CO-1	To create professional-quality publications for their personal			
00-1	or business needs.			
CO-2	To become composition skills and typography skills			
CO-3	CO-3 To provide working with graphics			
CO-4	To enhance Creating simple single and multipage			
00-4	publications in English and Malayalam languages.			

6.4 CO - PO Mapping

CO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	0	0	0	0	0	0	2	0
CO-2	0	0	0	0	0	0	0	0	0	1
CO-3	2	0	0	0	0	0	0	0	0	0
CO-4	3	0	0	0	0	0	0	0	0	0

6.5 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	2	1	0	0	0
CO-2	0	2	2	0	0	0
CO-3	0	0		2	0	0
CO-4	0	0	2	0	0	0

Course - VII

Semester - II

Academic Writing and Presentation Skills in English

1	Course	Core
2	Course Type	Theory
3	Course Code	BOCG201
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	4
10	Number of Modules	5
	Distribution of Inter	rnal Marks
11	Attendance	5
12	Assignment/Seminar	5
13	Assessment Test	$10 (2 \times 5 = 10)$

7.2 Curriculum Structure

Module	Module Title	Dolinous Mothodo	Total
Module	Module Title	Delivery Methods	hours
1	Letter Writing	Lecturing	10
2	Academic and business	Lecturing	20
	Communication		
3	Presentation Skills	Chalk and talk	20
4	Non-verbal communication	Lecturing	12
5	NIL RUT	Erudite lectures	10

7.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

7.4 Course Outcome

CO-1	To create professional-quality publications for their personal or business needs.
CO-2	To become composition skills and typography skills
CO-3	To provide working with graphics
CO-4	To enhance Creating simple single and multipage
00-4	publications in English and Malayalam languages.

7.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	0	0	0	0	0	0	2	0
CO-2	0	0	0	0	0	0	0	0	0	1
CO-3	2	0	0	0	0	0	0	0	0	0
CO-4	3	0	0	0	0	0	0	0	0	0

7.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	2	0	0	0
CO-2	0	0	0	0	3	0
CO-3	0	2	2	0	0	0
CO-4	0	2	1	0	0	0

Data Processing through MS Excel (P)

1	Course	Core		
2	Course Type	Practical		
3	Course Code	PBOC202		
4	Credit	6		
5	Duration of External Examination	3 hours		
6	External Assessment	80		
7	Internal Assessment	20		
8	Total hours	144		
9	Hours per Week	6		
10	Number of Experiments	15		
11	Total Week to complete	15		
	Distribution of Inter	rnal Marks		
12	Attendance	2		
13	Record	4		
14	Assessment Test	$4 (1 \times 4 = 1)$		

8.2 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Practical Record	Internal Assessment
3	Exprimental Skill	Internal Assessment
4	University Examination	External Assessment

8.3 Course Outcome

CO-1	Engage in formality to ensure better quality and			
CO-1	professionalism in works			
CO 9	Tied with intellectual powers and ability to cognitively			
CO-2	analyse ideologies			
Be able to use the new mediaâĂŹs of communication				
CO-3	gather knowledge at will			
CO-4 Opportunities in the fields of mass communication				

8.4 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	0	0	0	0	0	0	2	0
CO-2	0	0	0	0	0	0	0	0	0	1
CO-3	2	0	0	0	0	0	0	0	0	0
CO-4	0	0	2	0	0	0	0	0	0	0

8.5 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	2	2	0	0	0
CO-2	0	0	0	2	0	0
CO-3	0	0		0	0	0
CO-4	0	0	2	0	0	0

Course - IX

Semester - II

Binding and finishing Technology

1	Course	Core		
2	Course Type	Theory		
3	Course Code	DBOC203		
4	Credit	4		
5	Duration of External Examination	3 hours		
6	External Assessment	80		
7	Internal Assessment	20		
8	Total hours	72		
9	Hours per Week	4		
10	Number of Modules	5		
	Distribution of Inter	rnal Marks		
11	Attendance	5		
12	Assignment/Seminar	5		
13	Assessment Test	$10 (2 \times 5 = 10)$		

9.2 Curriculum Structure

Module	Module Title	Delivery Methods	Total
		•	hours
1	Bookbinding,	Lecturing, questioning	10
2	Modern commercial binding	Lecturing, questioning	10
3	Perfect binding	Chalk and talk, ICT	20
4	Periodical/Journal Binding,	Lecturing	12
5	Conservation and	Lecturing	20
	restoration of books		

9.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

9.4 Course Outcome

	To set up, operate, and maintain the machines that perform
CO-1	these various tasks, while bookbinders perform highly
	skilled operations
CO 9	To enhance to shape book bodies with presses and trimming
CO-2	machines and reinforce them with glued fabric strips.
GO 9	To build strength into aÂăbook, subjected to the rigorous and
CO-3	abuses of library usage.
00.4	Understand the practical aspects in paper cutting machines,
CO-4	its operations

9.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	1	0	0	0	3	0	0	0	0	0
CO-2	0	0	2	0	0	0	0	0	0	0
CO-3	0	0	0	0	0	0	0	0	2	0
CO-4	0	0	0	0	0	1	0	0	0	0

9.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	2	0	0	0
CO-2	0	0	2	0	0	0
CO-3	0	0	2	0	0	0
CO-4	0	0	2	0	0	0

Image editing for printing(P)

1	Course	Core						
2	Course Type	Practical						
3	Course Code	DBOC204						
4	Credit	6						
5	Duration of External Examination	3 hours						
6	External Assessment	80						
7	Internal Assessment	20						
8	Total hours	144						
9	Hours per Week	6						
10	Number of Experiments	15						
11	Total Week to complete	15						
	Distribution of Internal Marks							
12	Attendance	2						
13	Record	4						
14	Assessment Test	4 (1 × 4 = 1)						

10.2 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Practical Record	Internal Assessment
3	Exprimental Skill	Internal Assessment
4	University Examination	External Assessment

10.3 Course Outcome

CO-1	To create a full, rich experience for the reader or customer to
00-1	enhance the customer experience visually.Âă
	To create graphics designers, professional photographers,
CO-2	and even hobbyists to edit graphics as well as create and
	manipulate images.
	To develop their skills in editing and altering photographs
CO-3	for through a basic understanding of the tool bar, layers, and
	the adjustments panel.
CO-4	To improve their aesthetic qualities by creating a new
	designÂăand thereby attracting readers to them.

10.4 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	0	0	0	0	0	0	0	3
CO-2	1	0	0	0	0	0	0	0	0	2
CO-3	0	0	0	3	0	0	0	0	0	0
CO-4	0	0	0	0	0	0	3	2	0	0

10.5 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	2	0	0	0
CO-2	0	0	2	0	0	0
CO-3	0	0	2	0	0	0
CO-4	3	0	0	0	0	0

Course - XI

Semester - II

Fundamentals of graphic desgn

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC205
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	5
10	Number of Modules	5
	Distribution of Inter	rnal Marks
11	Attendance	5
12	Assignment/Seminar	5
13	Assessment Test	$10 (2 \times 5 = 10)$

11.2 Curriculum Structure

Module	Module Title	Delivery Methods	Total
Wiodaic	Module Title	Delivery Methods	hours
-1	Basic elements and cocepts	Lec-	10
1	of Visual Design	ture,workshop,demonstrat	ion 10
2	Principles of Design	Presentation, workshop	20
3	Digital image pixels	Demonstration,	20
4	Introduction to Colour	Demonstration,	12
5	Introduction to typography	Demonstration,	10

11.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

11.4 Course Outcome

CO-1	To provide the students with initial information on designing					
00-1	what is seen in future					
CO-2	to understand basic elements and principles in design					
CO-3	To understand designing in raster graphics application					
CO-4	To understand image editing or enhancing techniques					

11.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	0	1	0	0	0	0	0	1
CO-2	0	0	0	4	0	0	0	0	0	0
CO-3	0	0	0	0	0	0	3	2	0	0
CO-4	0	0	0	1	0	0	0	0	0	1

11.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	0	0	3	0
CO-2	0	0	2	0	0	0
CO-3	3	0	0	0	0	0
CO-4	0	0	0	0	3	0

Course - XII

Semester - I & II

NIL(P)

1	Course	Core					
2	Course Type	Practical					
3	Course Code	DBOC206					
4	Credit	6					
5	Duration of External Examination	3 hours					
6	External Assessment	80					
7	Internal Assessment	20					
8	Total hours	144					
9	Hours per Week	1					
10	Number of Experiments	15					
11	Total Week to complete	75					
	Distribution of Internal Marks						
12	Attendance	2					
13	Record	4					
14	Assessment Test	4 (1 × 4 = 1)					

DBOC206 - NIL 35

12.2 Evaluation Methods

No.	Assessment Methods	Evaluation Type		
1	Assessment tests	Internal Assessment		
2	Practical Record	Internal Assessment		
3	Exprimental Skill	Internal Assessment		
4	University Examination	External Assessment		

12.3 Course Outcome

CO-1	ability to understand the practical aspects in a professional			
00-1	design studio			
CO-2	Accure a minimum of two years experience in designing field			
CO-3	Ability to produce print designs			
CO-4	Work in a printing press or flex printing press			

12.4 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	1	0	0	0	0	0	0	2	0	0
CO-2	0	0	0	0	0	0	0	0	2	0
CO-3	0	0	0	0	0	1	0	0	0	0
CO-4	0	0	0	0	0	0	0	0	0	3

DBOC206 - NIL 36

12.5 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	0	0	3	0
CO-2	0	0	2	0	0	0
CO-3	0	0		0	0	0
CO-4	0	0	2	0	0	0

Course - XIII

Semester - III

Principles of Management

1	Course	Core
2	Course Type	Theory
3	Course Code	BOCG301
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	4
10	Number of Modules	5
	Distribution of Inter	rnal Marks
11	Attendance	5
12	Assignment/Seminar	5
13	Assessment Test	$10 (2 \times 5 = 10)$

13.2 Curriculum Structure

M . 1 1.	M. J. J. 10741.	D.P M.d. l.	Total
Module	Module Title	Delivery Methods	hours
1	Nature and Process of	Workshop	10
1	Management	Workshop	10
2	Planning: Objectives	Erudite lecture	20
3	Organising	Personal counselling	20
4	Staffing	Seminars	12
5	Directing and Controlling	Personal counselling	10

13.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

13.4 Course Outcome

CO-1	Able to understand the role of management in daily life
CO-2	Imparts planning and organizing skills
CO-3	Obtain clear idea about the behaviour of human beings
00.4	Able to find various techniques of communications and
CO-4	motivation

13.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	1	0	0	0	0	0	0	0	0	2
CO-2	0	0	0	0	0	0	0	0	2	0
CO-3	0	0	0	0	0	1/	0	0	0	0
CO-4	0	0	0	0	0	0	0	0	0	3

13.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	2	0	0	0
CO-2	0	0	2	0	0	0
CO-3	0	0	2	0	0	0
CO-4	3	0	0	0	0	0

Course - XIV

Semester - III

Planning for print production.

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC302
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	5
10	Number of Modules	5
	Distribution of Inter	rnal Marks
11	Attendance	5
12	Assignment/Seminar	5
13	Assessment Test	$10(2 \times 5 = 10)$

14.2 Curriculum Structure

Module	Module Title	Delivery Methods	Total hours
1	Print Planning	Lecturing, questioning	12
2	Paper. Main classes of paper	Lecturing, questioning	20
3	Offset inks	Presentation, Practising	20
4	Paper coatings	Presentation, Practising	10
5	Availability of various paper types	Lecturing, questioning	10

14.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

14.4 Course Outcome

CO 1	The students will be having the detailed knowledge of
CO-1	different conventional and non conventional materials
CO-2	To understand the concept of various finishing techniques,
CO-2	Finishing materials and different forms of packaging.
GO 0	Able to conclude about Modern Printing Systems and various
CO-3	perspectives associated with it.
CO 4	Along with their identification and testing techniques and
CO-4	they will able to implement their knowledge for printing.

14.5 CO - PO Mapping

CO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	2	0	0	0	0	0	0	0	0	0
CO-2	0	0	0	0	2	0	0	0	0	0
CO-3	0	0	0	0	0	0	0	0	0	3
CO-4	0	0	0	0	0	0	0	0	3	0

14.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0		0	3	0
CO-2	3	0	0	0	0	0
CO-3	0	0	0	0	3	0
CO-4	0	2	2	0	0	0

Semester – II & III

Vector Graphics Editor(P)

1	Course	Core				
2	Course Type	Practical				
3	Course Code	DBOC303				
4	Credit	6				
5	Duration of External Examination	3 hours				
6	External Assessment	80				
7	Internal Assessment	20				
8	Total hours	144				
9	Hours per Week	6				
10	Number of Experiments	15				
11	Total Week to complete	15				
	Distribution of Internal Marks					
12	Attendance	2				
13	Record	4				
14	Assessment Test	4 (1 × 4 = 1)				

15.2 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Practical Record	Internal Assessment
3	Exprimental Skill	Internal Assessment
4	University Examination	External Assessment

15.3 Course Outcome

CO-1	To collects and analyzes, develops a logo designÂăin various
CO-1	forms to be able to offer to the client.
	It isÂăused primarily for marketing and advertising
CO-2	businesses, particularly those that specialize in print
	advertising development.
	It is a vector basedÂădesigning softwareÂăwhich is used for
CO-3	creating logos, flexes, brochures, invitation cards and any
	kind of vector designing.
CO-4	Ability to create and edit blends envelops

15.4 CO - PO Mapping

CO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	2	0	0	0	0	0	0	0
CO-2	1	0	0	0	3	0	0	0	0	0
CO-3	0	0	2	0	0	0	0	0	0	0
CO-4	2	0	0	0	0	0	0	0	0	0

15.5 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	2	1	0	0	0
CO-2	0	2	2	0	0	0
CO-3	0	0		2	0	0
CO-4	0	0	2	0	0	0

Course - XVI

Semester – II & III

Art of Illustrations(P)

1	Course	Core						
2	Course Type	Practical						
3	Course Code	DBOC304						
4	Credit	6						
5	Duration of External Examination	3 hours						
6	External Assessment	80						
7	Internal Assessment	20						
8	Total hours	144						
9	Hours per Week	6						
10	Number of Experiments	15						
11	Total Week to complete	15						
	Distribution of Internal Marks							
12	Attendance	2						
13	Record	4						
14	Assessment Test	4 (1 × 4 = 1)						

16.2 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Practical Record	Internal Assessment
3	Exprimental Skill	Internal Assessment
4	University Examination	External Assessment

16.3 Course Outcome

CO 1	Creative and imaginative with an eye for color, balance, and
CO-1	layout
CO-2	Able to create a drawing that expresses an idea or concept
CO-3	Creativity and imagination
CO-4	To enjoy creative work

16.4 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	2	0	0	0	0	0	0	0	0	0
CO-2	0	0	2	0	0	0	0	0	0	0
CO-3	1	0	0	0	3	0	0	0	0	0
CO-4	0	0	2	0	0	0	0	0	0	0

16.5 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	2	2	0	0	0
CO-2	0	0	0	2	0	0
CO-3	0	0	2	0	0	0
CO-4	0	2	2	0	0	0

Course - XVII

Semester – III

Offset printng techonoly

1	Course	Core		
2	Course Type	Theory		
3	Course Code	DBOC305		
4	Credit	4		
5	Duration of External Examination	3 hours		
6	External Assessment	80		
7	Internal Assessment	20		
8	Total hours	72		
9	Hours per Week	4		
10	Number of Modules	5		
	Distribution of Inter	rnal Marks		
11	Attendance	5		
12	Assignment/Seminar	5		
13	Assessment Test	$10 (2 \times 5 = 10)$		

17.2 Curriculum Structure

Module	Module Title	Delivery Methods	Total hours
1	Principles of lithography	Lecturing, questioning	12
2	Printing unit configuration	Lecturing	10
3	Introduction to Blankets rollers	Chalk and talk, ICT	20
4	Printing and inline operations	Chalk and talk, ICT	10
5	Metal printing	Chalk and talk, ICT	20

17.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

17.4 Course Outcome

CO-1	To understand the principles of lithography.
CO-2	To analyse and understand the various aspects of print unit
00-2	configuration
CO-3	To understand the aspects of Blankets rollers.
GO 4	To analyse and understand various aspects in printing and
CO-4	inline operations

17.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	2	0	0	0	0	0	0	0	0	0
CO-2	0	0	2	0	0	0	0	0	0	0
CO-3	1	0	0	0	3	0	0	0	0	0
CO-4	0	0	2	0	0	0	0	0	0	0

17.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	3	0	0	0
CO-2	0	0	3	0	1	0
CO-3	0	0	0	0	2	0
CO-4	0	0	0	0	3	0

Course - XVIII

Semester – II & III

NIL(P)

1	Course	Core		
2	Course Type	Practical		
3	Course Code	DBOC306		
4	Credit	6		
5	Duration of External Examination	3 hours		
6	External Assessment	80		
7	Internal Assessment	20		
8	Total hours	144		
9	Hours per Week	1		
10	Number of Experiments	15		
11	Total Week to complete	75		
	Distribution of Inter	nal Marks		
12	Attendance	2		
13	Record	4		
14	Assessment Test	4 (1 × 4 = 1)		

DBOC306 - NIL 53

18.2 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Practical Record	Internal Assessment
3	Exprimental Skill	Internal Assessment
4	University Examination	External Assessment

18.3 Course Outcome

CO-1	ability to understand the practical aspects in a professional
00-1	design studio
CO-2	Accure a minimum of two years experience in designing field
CO-3	Ability to produce print designs
CO-4	Work in a printing press or flex printing press

18.4 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	2	0	0	0	0	0	0	0	0	0
CO-2	0	2	0	0	0	0	0	0	0	0
CO-3	0	0	0	3	0	0	0	0	0	0
CO-4	0	0	0	0	0	2	0	0	0	0

DBOC306 - NIL 54

18.5 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	2	0	0	0	0
CO-2	1	0	0	0	0	0
CO-3	0	0		2	0	0
CO-4	1	0	0	0	0	0

Course - XIX

Semester - IV

Soft Skills and Presentation

1	Course	Core		
2	Course Type	Theory		
3	Course Code	BOCG401		
4	Credit	4		
5	Duration of External Examination	3 hours		
6	External Assessment	80		
7	Internal Assessment	20		
8	Total hours	72		
9	Hours per Week	4		
10	Number of Modules	5		
	Distribution of Inter	rnal Marks		
11	Attendance	5		
12	Assignment/Seminar	5		
13	Assessment Test	$10 (2 \times 5 = 10)$		

19.2 Curriculum Structure

Madala	Madala midla	Dalinam Madhada	Total
Module	Module Title	Delivery Methods	hours
1	Personal Skills	Lecturing	10
2	Social Skills	Lecturing	10
3	Personality Development	interactive talk	20
4	Presentation skills	Lecturing	12
5	Professional skills	Lecturing	20

19.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

19.4 Course Outcome

CO-1	Improves the personal skills
CO-2	Development of the overall personality
CO-3	Improve presentation skills
CO-4	Build professional skills

19.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	2	0	0	0	0	0	0	0	0	0
CO-2	0	0	2	2	0	0	0	0	0	0
CO-3	2	0	0	0	0	3	0	0	3	3
CO-4	2	0	0	0	0	0	0	0	0	3
19.6 CO – PSO Mapping										

19.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	JTH IA	2	0	0
CO-2	0	0	2	0	0	0
CO-3	0	2	2	0	0	0
CO-4	0	0	0	2	0	0

Course - XX

Semester - IV

Digital Printing

1	Course	Core		
2	Course Type	Theory		
3	Course Code	DBOC402		
4	Credit	4		
5	Duration of External Examination	3 hours		
6	External Assessment	80		
7	Internal Assessment	20		
8	Total hours	72		
9	Hours per Week	4		
10	Number of Modules	5		
	Distribution of Inter	rnal Marks		
11	Attendance	5		
12	Assignment/Seminar	5		
13	Assessment Test	$10 (2 \times 5 = 10)$		

20.2 Curriculum Structure

Module	Module Title	Dolivous Mothoda	Total
Wiodule	Module Title	Delivery Methods	hours
1	Digital Printing	Lec-	10
1	Introduction	ture,workshop,demonstrat	ion 10
	Combine the works of	70077	
2	various designing and	Presentation, workshop	10
	drawing software		
3	Digital Printing	Demonstration,	20
4	Process of Digital Printing	Demonstration,	12
	Skills and Proficiencies		
5	required for a printing	Demonstration,	20
	machine operator		

20.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

20.4 Course Outcome

CO-1	Top-notch image quality		
CO-2 Cost-effective for high volume prints			
CO-3	Wide variety of colors are available such as foils, Pantone,Âăfluorescence, varnish		
CO-4	Special inks can be added for effects		

20.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	2	0	0	0	0	0	0	0	0	0
CO-2	0	2	0	0	0	0	0	0	0	0
CO-3	0	0	0	3	0	0	0	0	0	0
CO-4	2	0	0	0	0	0	0	0	0	0

20.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	2	0	0	0
CO-2	0	2	2	0	0	0
CO-3	0	WORT.	3		0	0
CO-4	0	0	3	0	1	0

Course - XXI

Semester - IV

Graphic reproduction

1	Course	Core		
2	Course Type	Theory		
3	Course Code	DBOC403		
4	Credit	4		
5	Duration of External Examination	3 hours		
6	External Assessment	80		
7	Internal Assessment	20		
8	Total hours	72		
9	Hours per Week	5		
10	Number of Modules	5		
	Distribution of Inter	rnal Marks		
11	Attendance	5		
12	Assignment/Seminar 5			
13	Assessment Test	$10 (2 \times 5 = 10)$		

21.2 Curriculum Structure

Module	Module Title	Delivery Methods	Total hours	
			Hours	
	Basic steps involved in			
1	planning a layout	Lecturing	10	
2	Color and Color theory	Lecturing	10	
3	Prepress color proofing	interactive talk	20	
4	Planographic plates:	Lecturing	12	
5	Sensitized photo	Lecturing	20	
ð	polymerization	Lecturing	20	

21.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

21.4 Course Outcome

00.1	The process of color separation can be accomplished
CO-1	photographically, electronically, or on the desktop.
CO-2	The gray axis of the image should be preserved.
CO 2	MaximumÂăluminance contrastÂă(black to white) is
CO-3	desirable.
CO-4	Few colors should lie outside the destination gamut.

21.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	2	0	0	0	0	0	0	0	0
CO-2	0	0	0	3	0	0	0	0	0	0
CO-3	0	0	0	0	0	2	0	0	0	0
CO-4	2	0	0	0	0	0	0	0	0	0

21.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	0	0	2	0
CO-2	0	0	0	0	3	0
CO-3	0	2	0	0	0	0
CO-4	1	0	0	0	0	0

Course - XXII

Semester - IV

Xerox Scanning and Image generation

1	Course	Core		
2	Course Type	Theory		
3	Course Code	DBOC404		
4	Credit	6		
5	Duration of External Examination	3 hours		
6	External Assessment	80		
7	Internal Assessment	20		
8	Total hours	72		
9	Hours per Week	6		
10	Number of Modules	5		
	Distribution of Inter	rnal Marks		
11	Attendance	5		
12	Assignment/Seminar	5		
13	Assessment Test	$10 (2 \times 5 = 10)$		

22.2 Curriculum Structure

Module	Module Title	Delivery Methods	Total hours
1	History of photocopying	Lec- ture,workshop,demonstrat	10
2	Copying of image and documents	Presentation, workshop	10
3	Principle of scanning	Demonstration,	20
4	Reading of color strip	Demonstration,	12
5	Color management	Demonstration,	20

22.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

22.4 Course Outcome

CO-1	Understand the theoretical basic of areas of Electric current
CO-2	Acquire the skill to use Drive motor, solid state speed control of D.C.
CO-3	Able to work as an electrical operator
CO-4	Acquire the skills and proficiencies required for an electrical
	operator.

22.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	2	0	0	0	0	0	0	0	0
CO-2	0	0	0	3	0	0	0	0	0	0
CO-3	0	0	0	0	0	2	0	0	0	0
CO-4	0	0	2	0	0	0	0	0	0	0

22.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	0	2	0	0
CO-2	1	0	0	0	0	0
CO-3	1	0	0	0	0	0
CO-4	0	2	2	0	0	0

Semester – III & IV

Enhancing text and typography(P)

1 Course Core 2 Course Type Practical 3 Course Code DBOC405 4 Credit 6 5 Duration of External Examination 3 hours 6 External Assessment 80 7 Internal Assessment 20 8 Total hours 144 9 Hours per Week 6 10 Number of Experiments 15 11 Total Week to complete 15 Distribution of Internal Marks 12 Attendance 2 13 Record 4 14 Assessment Test 4 (1 × 4 = 1)								
3 Course Code DBOC405 4 Credit 6 5 Duration of External Examination 3 hours 6 External Assessment 80 7 Internal Assessment 20 8 Total hours 144 9 Hours per Week 6 10 Number of Experiments 15 11 Total Week to complete 15 Distribution of Internal Marks 12 Attendance 2 13 Record 4	1	Course	Core					
4 Credit 6 5 Duration of External Examination 3 hours 6 External Assessment 80 7 Internal Assessment 20 8 Total hours 144 9 Hours per Week 6 10 Number of Experiments 15 11 Total Week to complete 15 Distribution of Internal Marks 12 Attendance 2 13 Record 4	2	Course Type	Practical					
5 Duration of External Examination 3 hours 6 External Assessment 80 7 Internal Assessment 20 8 Total hours 144 9 Hours per Week 6 10 Number of Experiments 15 11 Total Week to complete 15 Distribution of Internal Marks 12 Attendance 2 13 Record 4	3	Course Code	DBOC405					
6 External Assessment 80 7 Internal Assessment 20 8 Total hours 144 9 Hours per Week 6 10 Number of Experiments 15 11 Total Week to complete 15 Distribution of Internal Marks 12 Attendance 2 13 Record 4	4	Credit	6					
7 Internal Assessment 20 8 Total hours 144 9 Hours per Week 6 10 Number of Experiments 15 11 Total Week to complete 15 Distribution of Internal Marks 12 Attendance 2 13 Record 4	5	Duration of External Examination	3 hours					
8 Total hours 144 9 Hours per Week 6 10 Number of Experiments 15 11 Total Week to complete 15 Distribution of Internal Marks 12 Attendance 2 13 Record 4	6	External Assessment	80					
9 Hours per Week 6 10 Number of Experiments 15 11 Total Week to complete 15 Distribution of Internal Marks 12 Attendance 2 13 Record 4	7	Internal Assessment	20					
10 Number of Experiments 15 11 Total Week to complete 15 Distribution of Internal Marks 12 Attendance 2 13 Record 4	8	Total hours	144					
11 Total Week to complete 15 Distribution of Internal Marks 12 Attendance 2 13 Record 4	9	Hours per Week	6					
Distribution of Internal Marks 12 Attendance 2 13 Record 4	10	Number of Experiments	15					
12Attendance213Record4	11	Total Week to complete	15					
13 Record 4		Distribution of Internal Marks						
	12	Attendance	2					
14 Assessment Test $4 (1 \times 4 = 1)$	13	Record	4					
	14	Assessment Test	4 (1 × 4 = 1)					

23.2 Evaluation Methods

No.	Assessment Methods	Evaluation Type		
1	Assessment tests	Internal Assessment		
2	Practical Record	Internal Assessment		
3	Exprimental Skill	Internal Assessment		
4	University Examination	External Assessment		

23.3 Course Outcome

CO-1	QuarkXPress allows users to easily share content across		
CO-1	media and output to print,		
CO-2	The package provides the basic functionality of font,		
CO-3	To provide its users with professional typesetting options		
CO-3	such asÂăkerning, curving text along a line, andÂăligatures.		
CO-4	Ability to set up pages change document set up layout		

23.4 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	1	0	0	0	3	0	0	0	0	0
CO-2	0	0	2	0	0	0	0	0	0	0
CO-3	0	0	0	0	0	0	0	0	2	0
CO-4	0	0	0	0	0	1	0	0	0	0

23.5 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	3	0	0	0
CO-2	0	0	3	0	1	0
CO-3	0	0		0	2	0
CO-4	0	0	0	0	3	0

Course - XXIV

Semester – III & IV

NIL(P)

1	Course	Core					
2	Course Type	Practical					
3	Course Code	DBOC406					
4	Credit	6					
5	Duration of External Examination	3 hours					
6	External Assessment	80					
7	Internal Assessment	20					
8	Total hours	144					
9	Hours per Week	1					
10	Number of Experiments	15					
11	Total Week to complete	75					
	Distribution of Internal Marks						
12	Attendance	2					
13	Record	4					
14	Assessment Test	4 (1 × 4 = 1)					

DBOC406 - NIL 71

24.2 Evaluation Methods

No.	Assessment Methods	Evaluation Type		
1	Assessment tests	Internal Assessment		
2	Practical Record	Internal Assessment		
3	Exprimental Skill	Internal Assessment		
4	University Examination	External Assessment		

24.3 Course Outcome

CO 1	ability to understand the practical aspects in a professional			
CO-1	design studio			
CO-2	Accure a minimum of two years experience in designing field			
CO-3	Ability to produce print designs			
CO-4	Work in a printing press or flex printing press			

24.4 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	0	0	0	0	0	0	0	3
CO-2	1	0	0	0	0	0	0	0	0	2
CO-3	0	0	2	0	0	0	0	0	0	0
CO-4	2	0	0	0	0	0	0	0	0	0

DBOC406 - NIL 72

24.5 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	2	0	0	0	0
CO-2	1	2	0	0	0	0
CO-3	0	2		2	0	0
CO-4	1	2	0	0	0	0

Course - XXV

Semester - V

Enviornmental studies

1	Course	Core
2	Course Type	Theory
3	Course Code	BOCG501
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	4
10	Number of Modules	4
	Distribution of Inter	rnal Marks
11	Attendance	5
12	Assignment/Seminar	5
13	Assessment Test	$10 (2 \times 5 = 10)$

25.2 Curriculum Structure

Madala	M. J. J. Wills	Dalinam Madhada	Total	
Module	Module Title	Delivery Methods	hours	
Introduction to		Lootuning	10	
1	Environment Science	Lecturing	10	
2	Concept of an ecosystem	Lecturing	12	
3	Environmental Pollution	Chalk and talk	20	
4	Silent spring	Lecturing	15	

25.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type		
1	Assessment tests	Internal Assessment		
2	Assignments	Internal Assessment		
3	Seminar	Internal Assessment		
4	University Examination	External Assessment		

25.4 Course Outcome

CO-1	Understand key concepts from economic, political, and social
CO-1	analysis as they pertain to the design.
	Appreciate concepts and methods from ecological and
CO-2	physical sciences and their application in environmental
	problem solving.
	Appreciate the ethical, cross-cultural, and historical context
CO-3	of environmental issues and the links between human and
	natural systems.
	Reflect critically about their roles and identities as citizens,
CO-4	consumers and environmental actors in a complex,
	interconnected world.

25.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	2	0	0	0	0	0	0	0
CO-2	1	0	0	0	3	0	0	0	0	0
CO-3	0	0	2	0	0	0	0	0	0	0
CO-4	2	0	0	0	0	0	0	0	0	0

25.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	3	0	0	0	0
CO-2	0	2	2	0	0	0
CO-3	0	2	MAC	0	0	0
CO-4	0	2	2	0	0	0

Course - XXVI

Semester - V

Offset plate making

1	Course	Core	
2	Course Type	Theory	
3	Course Code	DBOC502	
4	Credit	4	
5	Duration of External Examination	3 hours	
6	External Assessment	80	
7	Internal Assessment	20	
8	Total hours	72	
9	Hours per Week	4	
10	Number of Modules	5	
	Distribution of Inter	rnal Marks	
11	Attendance	5	
12	Assignment/Seminar	5	
13	Assessment Test	$10 (2 \times 5 = 10)$	

26.2 Curriculum Structure

Module	Module Title	Delivery Methods	Total hours
1	Offset- Lithography	Lecturing, questioning	10
2	CTcP (Computer to Conventional Plate	Lecturing	12
3	Computer-to-Plate	Chalk and talk, ICT	20
4	Plate Materials,	Chalk and talk, ICT	15
5	Relationship between Plate Sensitivity and Imaging Power	Chalk and talk, ICT	15

26.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

26.4 Course Outcome

CO-1	Understand the theoretical base of areas of printing, its
00-1	types, its working etc.
CO 9	Acquire the skill to Combine the works of various designing
CO-2	and drawing software.
CO-3	Able to work as an press operator
CO-4	Acquire the skills and proficiencies required for a printing
	machine operator.

26.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	0	0	0	0	0	0	0	0
CO-2	2	0	0	0	0	0	0	0	0	0
CO-3	0	0	2	0	0	0	0	0	0	0
CO-4	1	0	0	0	3	0	0	0	0	0

26.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	00	0	2	0	0
CO-2	0	0	2	0	0	0
CO-3	3	0	0	0	0	0
CO-4	0	0	0	0	3	0

Course - XXVII

Semester - V

Web offset technology

1	Course	Core
2	Course Type	Theory
3	Course Code	DBOC503
4	Credit	4
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	72
9	Hours per Week	5
10	Number of Modules	5
	Distribution of Inter	rnal Marks
11	Attendance	5
12	Assignment/Seminar	5
13	Assessment Test	$10 (2 \times 5 = 10)$

27.2 Curriculum Structure

Module	Module Title	Delivery Methods	Total hours
1	Different types of Web-Offset Printing Presses	Chalk and talk, ICT	10
2	Receiving shipping	Lecturing	12
3	Typical settings to be done on a sheet	Chalk and talk, ICT	20
4	Materials control	Chalk and talk, ICT	15
5	Preparation of impositions for web offset printing	Chalk and talk, ICT	15

27.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

27.4 Course Outcome

CO-1	Understand the theoretical base of Web-Offset Printing
	Presses, areas of, its types, its working etc.
GO 9	Acquire the knowledge in. web offset printing like Typical
CO-2	settings to be done on a sheet- fed and web press machine
CO-3	Preparation of impositions for web offset printing.
CO-4	Facility specification in Web offset printing.

27.5 CO - PO Mapping

CO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	2	0	0	0	0	0	0	0
CO-2	2	0	0	0	0	0	0	0	0	0
CO-3	0	0	0	0	0	2	0	0	0	0
CO-4	2	0	0	0	0	0	0	0	0	0

27.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	2	2	0	0	0
CO-2	0	2	1,0	0	0	0
CO-3	0	2	2	0	0	0
CO-4	0	0	0	2	0	0

Course – XXVIII Semester – IV & V

Technical and scientific documentation(P)

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC504
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	6
10	Number of Experiments	15
11	Total Week to complete	15
	Distribution of Inter	rnal Marks
12	Attendance	2
13	Record	4
14	Assessment Test	$4(1 \times 4 = 1)$

28.2 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Practical Record	Internal Assessment
3	Exprimental Skill	Internal Assessment
4	University Examination	External Assessment

28.3 Course Outcome

CO-1	Able to have knowledge in the basics about the Introduction						
	to Latex. Installation of the software LaTeX.						
CO 9	Clear understanding of the basics of Technical and Scientific						
CO-2	Documentation						
CO-3	Able to understand Page Layout Packages						
GO 4	Enable students to use applications in Technical and						
CO-4	Scientific Documentation						

28.4 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	2	2	0	0	0	0	0	0
CO-2	2	0	0	0	0	3	0	0	3	3
CO-3	2	0	0	0	0	0	0	0	0	3
CO-4	2	0	0	0	0	0	0	0	0	0

28.5 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	2	0	0	0
CO-2	0	2	2	0	0	0
CO-3	0	2	rMA	0	0	0
CO-4	0	2	2	0	0	0

Multipage Design Publication(P)

1	Course	Core
2	Course Type	Practical
3	Course Code	DBOC505
4	Credit	6
5	Duration of External Examination	3 hours
6	External Assessment	80
7	Internal Assessment	20
8	Total hours	144
9	Hours per Week	6
10	Number of Experiments	15
11	Total Week to complete	15
	Distribution of Inter	nal Marks
12	Attendance	2
13	Record	4
14	Assessment Test	4 (1 × 4 = 1)
14	Assessment Test	4 (1 × 4 = 1)

29.2 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Practical Record	Internal Assessment
3	Exprimental Skill	Internal Assessment
4	University Examination	External Assessment

29.3 Course Outcome

CO-1	Able to have knowledge in the basics about the Introduction						
	to basics of Adobe InDesign						
CO-2	Clear understanding of the basics of the edit menu						
CO-3	Able to understand the applications in Bi-fold brochures and						
00-3	other custom layouts						
CO 4	Enable students to use applications in Printing solutions and						
CO-4	PPD?s and PDF?s generation						

29.4 CO - PO Mapping

CO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	0	0	0	0	0	0	0	0
CO-2	0	0	0	3	0	0	0	0	0	0
CO-3	0	0	0	0	0	2	0	0	0	0
CO-4	2	0	0	0	0	0	0	0	0	0

29.5 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	0	2	0	0
CO-2	0	0	2	0	0	0
CO-3	0	2		0	0	0
CO-4	0	2	1	0	0	0

Course - XXX

Semester – IV & V

NIL(P)

1	Course	Core		
2	Course Type	Practical		
3	Course Code	DBOC506		
4	Credit	6		
5	Duration of External Examination	3 hours		
6	External Assessment	80		
7	Internal Assessment	20		
8	Total hours	144		
9	Hours per Week	1		
10	Number of Experiments	15		
11	Total Week to complete	75		
	Distribution of Inter	nal Marks		
12	Attendance	2		
13	Record	4		
14	Assessment Test	4 (1 × 4 = 1)		

DBOC506 - NIL 90

30.2 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Practical Record	Internal Assessment
3	Exprimental Skill	Internal Assessment
4	University Examination	External Assessment

30.3 Course Outcome

CO-1	ability to understand the practical aspects in a professional
CO-1	design studio
CO-2	Accure a minimum of two years experience in designing field
CO-3	Ability to produce print designs
CO-4	Work in a printing press or flex printing press

30.4 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	2	2	0	0	0	0	0	0
CO-2	2	0	0	0	0	3	0	0	3	3
CO-3	0	0	2	2	0	0	0	0	0	0
CO-4	2	0	0	0	0	3	0	0	3	3

DBOC506 - NIL 91

30.5 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	2	2	0	0	0
CO-2	0	2	1	0	0	0
CO-3	0	0		0	3	0
CO-4	0	2	2	0	0	0

Course - XXXI

Semester - VI

Entreprenurship development

1	Course	Core		
2	Course Type	Theory		
3	Course Code	BOCG601		
4	Credit	4		
5	Duration of External Examination	3 hours		
6	External Assessment	80		
7	Internal Assessment	20		
8	Total hours	72		
9	Hours per Week	4		
10	Number of Modules	5		
	Distribution of Inter	rnal Marks		
11	Attendance	5		
12	Assignment/Seminar	5		
13	Assessment Test	$10 (2 \times 5 = 10)$		

31.2 Curriculum Structure

Module	Module Title	Delivery Methods	Total hours
1	entrepreneurs and different classifications	Workshop	10
2	Create an awareness about Erudite lecture EDP		20
3	General awareness about identification of project financing	Personal counselling	20
4	To identify different Discuss opportunities	Seminars	12
5	project report relating to a small business	Personal counselling	10

31.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

31.4 Course Outcome

CO-1	Understand key concepts from economic, political, and social			
CO-1	analysis as they pertain to the design.			
	Appreciate concepts and methods from ecological and			
CO-2	physical sciences and their application in environmental			
	problem solving.			
	Appreciate the ethical, cross-cultural, and historical context			
CO-3	of environmental issues and the links between human and			
	natural systems.			
	Reflect critically about their roles and identities as citizens,			
CO-4	consumers and environmental actors in a complex,			
	interconnected world.			

31.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	2	0	0	0	0	0	0	0	0	3
CO-2	2	0	0	0	0	0	0	0	0	0
CO-3	0	0	0	0	0	0	0	0	0	0
CO-4	0	0	0	3	0	0	0	0	0	0

31.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	2	1	0	0	0
CO-2	0	2	2	0	0	0
CO-3	0	0	0	2	0	0
CO-4	0	0	2	0	0	0

Course - XXXII

Semester - V & VI

Publication design(P)

Course	Core						
Course Type	Practical						
Course Code	DBOC602						
Credit	6						
Duration of External Examination	3 hours						
External Assessment	80						
Internal Assessment	20						
Total hours	144						
Hours per Week	6						
Number of Experiments	15						
Total Week to complete	15						
Distribution of Internal Marks							
Attendance	2						
Record	4						
Assessment Test	4 (1 × 4 = 1)						
	Course Type Course Code Credit Duration of External Examination External Assessment Internal Assessment Total hours Hours per Week Number of Experiments Total Week to complete Distribution of Internal Attendance Record						

32.2 Evaluation Methods

No.	Assessment Methods	Evaluation Type			
1	Assessment tests	Internal Assessment			
2	Practical Record	Internal Assessment			
3	Exprimental Skill	Internal Assessment			
4	University Examination	External Assessment			

32.3 Course Outcome

CO-1	Enables to have the theoretical base in E commerce, Internet				
	business, Internet and E-business, E-commerce websites.				
CO-2	Capable of buying things online from E commerce sites by				
	using all its applications.				
CO-3	Capable of creating websites for business purposes.				
CO-4	Maintenance of website Uploading of file, importance of file				
	name, making a post, post title.				

32.4 CO - PO Mapping

CO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	0	0	0	2	0	0	0	0
CO-2	2	0	0	0	0	0	0	0	0	0
CO-3	0	0	2	2	0	0	0	0	0	0
CO-4	2	0	0	0	0	3	0	0	3	3

32.5 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	2	2	0	0	0
CO-2	0	2	1	0	0	0
CO-3	0	2		0	0	0
CO-4	0	0	0	2	0	0

Course - XXXIII

Semester - VI

Costing for printing press

1	Course	Core		
2	Course Type	Theory		
3	Course Code	DBOC603		
4	Credit	4		
5	Duration of External Examination	3 hours		
6	External Assessment	80		
7	Internal Assessment	20		
8	Total hours	72		
9	Hours per Week	4		
10	Number of Modules	5		
	Distribution of Inter	rnal Marks		
11	Attendance	5		
12	Assignment/Seminar	5		
13	Assessment Test	$10 (2 \times 5 = 10)$		

33.2 Curriculum Structure

Module	Module Title	Delivery Methods	Total
Module	Widdle Title	Delivery Methods	hours
1	Basics of Accounting	Lecturing, questioning	10
2	Cost Accounting. Elements of Cost	Lecturing, questioning	20
3	Elements of Printing Cost	Presentation, Practising	20
4	Labor cost,	Presentation, Practising	12
5	Data entry using software	Lecturing, questioning	10

33.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

33.4 Course Outcome

CO-1	To obtain estimates on costs involved in a variety of print				
CO-1	jobs				
	The students will be having the detailed knowledge of				
CO-2	different conventional and non conventional printing and				
	packaging materials				
CO 2	Able to conclude the labour cost is the âĂŸpeople costsâĂŹ				
CO-3	involved in operating a business				
CO 4	The student having the ability to make the Printing cost				
CO-4	calculated on the basis of the time required.				

33.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	0	0	0	1	0	0	0	0
CO-2	0	0	0	0	0	0	0	0	0	3
CO-3	1	0	0	0	0	0	0	0	0	2
CO-4	0	0	2	0	0	0	0	0	0	0

33.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	0	2	0	0	0
CO-2	0	2	2	0	0	0
CO-3	0	2	1	0	0	0
CO-4	0	2	2	0	0	0

Printing Press management system(P)

1	Course	Core		
2	Course Type	Practical		
3	Course Code	DBOC604		
4	Credit	6		
5	Duration of External Examination	3 hours		
6	External Assessment	80		
7	Internal Assessment	20		
8	Total hours	144		
9	Hours per Week	6		
10	Number of Experiments	15		
11	Total Week to complete	15		
	Distribution of Inter	nal Marks		
12	Attendance	2		
13	Record	4		
14	Assessment Test	4 (1 × 4 = 1)		

34.2 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Practical Record	Internal Assessment
3	Exprimental Skill	Internal Assessment
4	University Examination	External Assessment

34.3 Course Outcome

CO-1	The students will be able to conclude about Modern Printing				
00-1	Systems and various perspectives associated with it				
GO 9	The learning out come after completing this course is				
CO-2	expected that students will be having detailed.				
	It will help the students to get the know-how of present				
CO-3	business aspects based on the subjective and objective				
	calculations.				
GO 4	The students will have understanding of various security				
CO-4	printing methods and the recent trends in security printing.				

34.4 CO - PO Mapping

CO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	2	0	0	0	0	0	0	0	0	0
CO-2	0	0	2	0	0	0	0	0	0	0
CO-3	1	0	0	0	3	0	0	0	0	0
CO-4	0	0	2	0	0	0	0	0	0	0

34.5 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	2	1	0	0	0
CO-2	0	0	0	0	3	0
CO-3	0	2		0	0	0
CO-4	1	2	0	0	0	0

Identity branding for printing

1	Course	Core		
2	Course Type	Theory		
3	Course Code	DBOC605		
4	Credit	4		
5	Duration of External Examination	3 hours		
6	External Assessment	80		
7	Internal Assessment	20		
8	Total hours	72		
9	Hours per Week	5		
10	Number of Modules	5		
	Distribution of Inter	rnal Marks		
11	Attendance	5		
12	Assignment/Seminar	5		
13	Assessment Test	$10 (2 \times 5 = 10)$		

35.2 Curriculum Structure

Madala	M. J. l. mill.	Dalinama Makha da	Total
Module	Module Title	Delivery Methods	hours
1		Lecturing, questioning	10
2	MTAL	Lecturing	20
3	JANA	Chalk and talk, ICT	20
4	PP ·	Chalk and talk, ICT	12
5		Chalk and talk, ICT	10

35.3 Evaluation Methods

No.	Assessment Methods	Evaluation Type
1	Assessment tests	Internal Assessment
2	Assignments	Internal Assessment
3	Seminar	Internal Assessment
4	University Examination	External Assessment

35.4 Course Outcome

CO 1	To enable students for pursuing respectable career through
CO-1	Self-Employment.
CO 9	To develop inter-twining competence in the field of Printing
CO-2	Technology.
CO-3	To impart comprehensive knowledge with extra emphasis on
CO-3	practice.
CO 4	To develop the skilled to manage all activities related to
CO-4	printing press and to train future industry professionals

35.5 CO - PO Mapping

СО	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	2	0	0	0	0	0	0	0	0	0
CO-2	1	0	0	0	3	0	0	0	0	0
CO-3	0	0	2	0	0	0	0	0	0	0
CO-4	2	0	0	0	0	0	0	0	0	0

35.6 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	2	0	2	0	0
CO-2	1	2	0	0	0	0
CO-3	0	3	0	0	0	0
CO-4	0	2	2	0	0	0

Course – XXXVI Semester – V & VI

NIL(P)

1	Course	Core		
2	Course Type	Practical		
3	Course Code	DBOC606		
4	Credit	6		
5	Duration of External Examination	3 hours		
6	External Assessment	80		
7	Internal Assessment	20		
8	Total hours	144		
9	Hours per Week	1		
10	Number of Experiments	15		
11	Total Week to complete	75		
	Distribution of Inter	rnal Marks		
12	Attendance	2		
13	Record	4		
14	Assessment Test	4 (1 × 4 = 1)		

DBOC606 - NIL

36.2 Evaluation Methods

No.	Assessment Methods	Evaluation Type		
1	Assessment tests	Internal Assessment		
2	Practical Record	Internal Assessment		
3	Exprimental Skill	Internal Assessment		
4	University Examination	External Assessment		

36.3 Course Outcome

CO 1	ability to understand the practical aspects in a professional
CO-1	design studio
CO-2	Accure a minimum of two years experience in designing field
CO-3	Ability to produce print designs
CO-4	Work in a printing press or flex printing press

36.4 CO - PO Mapping

CO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10
CO-1	0	0	0	0	0	2	0	0	0	0
CO-2	2	0	0	0	0	0	0	0	0	0
CO-3	0	0	2	2	0	0	0	0	0	0
CO-4	2	0	0	0	0	3	0	0	3	3

DBOC606 - NIL 110

36.5 CO - PSO Mapping

СО	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6
CO-1	0	2	1	0	0	0
CO-2	0	2	2	0	0	0
CO-3	0	2		2	0	0
CO-4	1	2	0	0	0	0

