West Bengal State Council of Technical & Vocational Education and Skill Development (Technical Education Division)



Syllabus of

Diploma in Interior Decoration [ID]

Part-III (5th Semester)

Revised 2022

CURRICULUM STRUCTURE | INTERIOR DECORATION West Bengal State Council of Technical and Vocational Education and Skill Development Fifth Semester

CL N-	Category of	Code No. Course Title		Hours per week			Constitue	
Sl. No.	course	Lode No.	Code No. Course Title		Т	Р	- Credits	Marks
1	Pro. C. C.	IDPC301	Estimating, Specification and Costing	3	0	0	3	100
2	Pro. C. C.	IDPC303	Materials & Construction-III	3	0	0	3	100
3	Pro. C. C.	IDPC305	Services-III	2	0	0	2	100
4	Pro. C. C.	IDPC307	Professional Practice in Interior Design		0	0	2	100
5	Pro. E. C.	*IDPE-1	*	2	0	0	2	100
6	Pro. E. C.(Lab)	* IDPE-2	*	0	0	4	2	100
7	Pro. C. C.(Lab)	IDPC317	Interior Working Drawing-II(Lab)	0	0	4	2	100
8	Major Project	PR302	Project Part-A	0	0	6	3	100
9	Summer Internship-II (6 weeks)	SI301	Summer Internship	0	0	0	1	100
		TOTAL	•		26	÷	20	900

Total Contact Periods per week -26

PRO. E.C. - Programme Elective Course-2 Nos.

• List of Programme Elective Courses are given below

List of Program Elective Courses [IDPE-1] [THEORY]

IDPE309

Illumination

Vaastu

IDPE311

List of Program Elective Courses [IDPE-2] [PRACTICAL]

IDPE313 IDPE315 Sessional on Illumination

Sessional on Vaastu

ESTMATING, SPECIFICATION & COSTING

Subject Code	Course offered in	Duration	Periods/Week	Full Marks 100	
IDPC301	5 th Semester	17 weeks	3 lectures	Int.Assess.40	Examination 60

OBJECTIVE:

On satisfactory completion of the course, a student will be able to understand the purposes and factors affecting rate analysis. They will have knowledge regarding the general specifications of first & second classes of buildings and detailed specifications of some common items of work. Students will also be able to understand the concepts of valuation, depreciation and other associated issues.

MODULAR DIVISION

Module	Торіс	Contact Periods
1	Introduction: Definition & purpose of Estimation	8
2	Principles of Estimating	7
3	Specification of Material & Labor	8
4	Estimation or Finding out of Quantities of Work	9
5	Cost Estimate & Rate Analysis	7
6	Valuation	6
Contact Periods45	Internal Assessment 6	Total Periods 51

EVALUATION SCHEME

1. Examination (60 marks)

- 2.Internal Assessment (40 marks)
- a. Mid Semester: 20marks
- b. Teacher's assessment: 10 marks (seminar/homework/class performance etc.)
- c. Attendance: 10marks

DETAIL COURSE CONTENT

Module 1 Introduction

Definition & purpose of Estimation; Introduction to IS-1200; Different types of estimates; Quantity Estimate or Quantity Survey; Cost Estimate; Preliminary or Approximate or Rough Estimate; Detailed Estimate; Revised Estimate; Supplementary Estimate; Annual Maintenance & Repair Estimate; Abstract of Estimate; Concept of Site Plan, Layout Plan.

Module 2 Principles of Estimating

Finding out of quantities by Centerline, Out-To-Out, In-To-In methods. Units of measurement for various items of work. Mode of measurement for principle items of works.

8 periods

8 periods

Definition & its Purpose. Principles of writing specification. Specification & type of labors in different fields, say brick work, concrete work, plaster work, timber work, glass work, iron work, electrical work, colour & polishing work etc. General specification for brickwork, concrete work, plastering work, woodwork, colour wash, ironwork, electrical work etc.

Module 4 Estimation or Finding out of Quantities of Work 9 periods

Quantity estimate for building & its different parts say brick work, plastering work, floor work, timber work including doors, windows & furniture etc; water supply, sanitary work, electrical work etc.

Module 5 **Cost Estimate & Rate Analysis**

Rate of different materials. Rate of different labors with time and their quality. Consumption of raw materials &labors for each different work items (brick work, concrete work, plastering work, wood work, colour wash, iron work, electrical work etc.).

Module 6 Valuation

Definition & purpose of valuation. Difference between value & cost. Function & qualification of a valuer. Gross income, Outgoings, Net Income. Scrap value, Salvage value, Market value, Book value, Speculative value. SinkingFund,YearsPurchase,Depreciation&Obsolescence.Differentmethodsofvaluation.RentalMethod,DirectCo mparison Method, Depreciation Methodetc.

SUGGESTED READINGS

- Datta, B. N., Estimating and Costing in Civilengineering, UBSPublishersPvt.Ltd., NewDelhi
- Raina, V.K., Construction Management and Contract Practices, Shroff Publishers & Distributers Pvt. Ltd. •
- Rangawala,S.C.,EstimatingandCosting,CharotarPublishingHousePVT.LTD.,Gujrat
- Birdie, G.S., Estimating and Costing, Dhanpat RaiPublishing Company (P) Ltd., New Delhi
- Patil, B.S., Civil Engineering Contracts and Estimates, Orient Longman, Mumbai
- Chakraborti, M., Estimating and Costing, Specification and Valuation in Civil Engineering, Monojit Chakraborti ,Kolkata

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MATERIALS & CONSTRUCTION-III

Subject Code	Course offered in	Duration	Periods/	Full Marks	
			Week	100	
IDPC303	5 th Semester	17 weeks	3 lectures	Int. Assess. 40	Examination 60

OBJECTIVE

The course aims to provide knowledge to the students about floor, wall and ceiling finish, building, construction methods of false ceiling, pitch roof and curtain walls. It also emphasizes on acquaintance of the students to the knowledge and application methods of protective materials of buildings from sun, rain and dampness. This subject aspires to inculcate the knowledge of various furnishing materials to be used in a building.

7 periods

MODULAR DIVISION

Group	Module	Торіс	Periods	Group	Module	То	pic	Periods
	1	Finishes	4		5	Curtain Walls		3
	2 Adhesives		5		6	Pitched Roof		5
А	3	Paints, Varnishes, Polishes and Coatings	4	В	7	Damp-Proofir	ng Treatment	2
	4	Furnishing Materials	5		8	Water Proofi	ng Treatment	2
	5	False Ceiling		-	-	-		-
	Contact Periods- 45 Internal Assessment 6						Tota	Periods 51

EVALUATION SCHEME

1. Examination (60 marks)

2.Internal Assessment (40 marks)

- a. Mid Semester: 20marks
- b. Teacher'sassessment:10 marks (seminar/homework/class performanceetc.)
- c. Attendance: 10marks

DETAIL COURSE CONTENT

GROUP A	Materials	18 periods
Module 1	Finishes	6 periods
Granite Flooring,	ement Concrete Flooring (IPS), Terrazzo Flooring, Ceramic Floori Acid-Proof Flooring, PVC Flooring, Timber Parquet Flooring. ishes: InternalPlaster:CementPlaster, GypsumPlasterorPlasterofParis,	
orSponge Finish),	Cement Plaster (Smooth Wood Float Finish, Pebble Dash Finish, Tex ,Pointing — White Washing &Colour Washing — Wall Cladding (D es, Stone Tiles(Marble & Granite)	
Module 2	Adhesives	2 periods
Names of adhesiv	ves used for bonding of surfaces of wood, metal, glass and plastic; Fu	unctions, Properties &Types
Module 3	Paints, Varnishes, Polishes and Coatings	4 periods
acrylic emulsion, Process of painti	ment, Thinner, Classification -Water, Oil, Acrylic based, Types- , metallic, textured etc. Textural quality-Matt, Gloss, Satin, Lustr ing-Preparation of surfaces, primer coat & application of paint wi rnishes, Polishes&Coatings (French polish, Melamine, Lacquer, Poly	e etc .and Properties th brush, roller, spray etc. Constituen
Module 4	Furnishing Materials	6 periods

Curtains, Draperies and Blinds-Types, Sizes and Uses. Cushioning-Coir, foam, rubber and Upholstery Materials-Insulating Materials: Types, Quantity and properties of thermal insulation and sound insulation materials ingranular, Fibrous, rolled, sheeting and panel forms-

MaterialssuchasSand,PU,Glasswool,Rockwool,Foam,Thermocol,Cork, Quilt, Jute, Coir, Practice board,Hollow-bricks

GROUP B	CONSTRUCTION		27 periods
Module 5	False Ceiling		6 periods
Definition, Types,	Uses, Materials, Details of construction		
Module 6	Curtain Walls		3 periods
Definition–Types-	Uses–Simple details of construction		
Module 7	Pitched Roof		6 periods
couple roof, King	Post Roof Truss , Queen Post Roof Truss (pesofpitchedroofs:Lean-to- roof, Coupled roof, Cl concept only) , Steel trusses upto 40 ft. span; Roo fixing details; Roof drainage through gutter	
Module 8	Damp-proofing Treatment		6 periods
Dampness—Cause Treatment to: Flo		MethodsofPreventionofDampness, Damp Proofing	
Module 9	Water-proofing Treatment		6 periods
Waterproofing tr	eatment to flat roof and terraces, Treatm	ent to Parapet Wall, Window sill and Chhajja.	
SUGGESTED READI	NGS		
 TheConstruct A Text Book o Building Const 	truction Volume, I,II,III &IV(MetricEd.)/J.K. ionofBuildingsVolume1,2,3,4&5/R.Barry/ f Building Construction/S.P.Aurora &S.P.B truction/Sushil Kumar/Standard Book House struction/P.C. Varghese/Prentice Hall of Ir	EnglishLanguageBookSociety indra e	

• Building Materials/S.K.Duggal/New Age International

SERVICES-III

Subject Code	Course offered in	Duration	Periods/Week	FullMarks100	
IDPC305	5 th Semester	17 weeks	2 lectures	Int.Assess.40	Examination 60

OBJECTIVE

The course aims to enable students in learning basics of installation systems of lift and electrical services .This course aspires that the students be acquainted with the concept of acoustics in interior space. It also emphasizes building the students' awareness of the technology of modern communication system and safety and security systems in a

MODULAR DIVISION

Grou	Module	Торіс	Contact Periods	Group	Module	Торіс	Contact Periods
		Accuration Council Insulation			3	B Communication System	
A	1	Acoustics, Sound Insulat & Noise Control	10 10	в	4	Safety and Security System	6
	2	Lift Installation	8				
	Contact	Periods 30	Internal Assess	ment 4		Total Periods 34	ŀ

EVALUATIONSCHEME

1. Examination (60marks)

- 2. Internal Assessment (40marks)
- a. Mid Semester: 20marks
- b. Teacher'sassessment:10 marks (seminar/ homework/ class performance etc.)

Lift Installation

c. Attendance: 10marks

Module 2

DETAIL COURSE CONTENT		
GROUP A		18 periods
Module 1	Acoustics, Sound Insulation & Noise Control	10 periods

Introduction of Sound properties and propagation of Sound, Types of Sound and its effects, Objective of Acoustics-Terminologies. Noise –Effects of sound-Noise in free field-Acoustic Shadow-Incidence of sound-Effect of windvelocity&temperaturegradient-Noiseinenclosedspace-Acceptableindoor noise level in various activity areas(values only). Noise control-Sound Absorbents-Sound insulation in buildings components-floor, wall and ceiling-Sound insulation of skirting-Treatment of windows&ventilators

Lift:Essentialparts–LiftRatedLoad,Speed–LiftMachineroom,Liftpit[Definitiononly]; ClassificationofLift:PassengerLift,GoodsLift,HospitalLift,ServiceLift(Dumbwaiter),Fireman'sLift DesignConsiderations-Numberoflifts&capacity-Occupantload-Carspeed,PositioningofLifts-Shape&sizeofLiftcar,Safetymeasures.

GROUP B		12 periods
Module 3	Communication System	6 periods
	unication systems-telephone, public address, facsimile, PBX,EPABX,Int ommunication equipment LAN, WAN system sand Installation nor	
Module 4	System and Security System	6 periods
central system, and their insta	o fire triangle and causes of fire. Fire prevention and Fire alarm sys ,Auxiliary,Remote station systemetc- Fire detection,smoke detecto allations norms- Systems for suppression of fire such as sers,sprinklers,etc&theirinstallationnorms-Systems for fire extingu	ors, heat detectors, flame detectors

powders,carbondioxide,water type,etc and their installation norms. Fire

retardingtreatmentssuchascoating, adding offibresetc-Introduction and principles of security (as per situations) Exit requirements — occupant load-capacity of exits — arrangement of exits- travel distance — Doorways-

corridors&passageways-InternalStaircases-Fireescapestair-Roofexit-Firetower-

Ramps;Typesofsecuritysystems,fielddevicessuchasswitches,sensors,card-readers,locks,cameras- Access controls Installation norms, Uses and applications

SUGGESTED READINGS

- Sp7(5):2005NationalBuildingCodeofIndia/Bureau of Indian Standards
- A Text Book of Water Supply and Waste Engineering/TTTI-10
- TextBookofWaterSupplyandSanitaryEngineering/S.K.Hussain/Oxford&IBHPublishingCo.Pvt.Ltd.
- SolidWasteManagement/Sasikumar&GopiKrishna/PHILearningPvt.Ltd.,NewDelhi
- Hand Book of Water Supply & Drainage Engineering/S.K.Sharma/ Dhanpat Rai & Co., NewDelhi

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PROFESSIONAL PRACTICE IN INTERIOR DESIGN

Subject Code	Course offered in	Duration	Periods/Week	Full Marks	
				100	
IDPC307	5 th Semester	17 weeks	2 lectures	Int.Assess.40	Examination 60

OBJECTIVE

The subject intends to equip the students with the knowledge of role of interior designer, contractor and clientin the profession, the professional ethics and code of conduct. This subject also intends to enable the students having concepts of Tender, Contract and Arbitration along with accounts regarding their types and essential characteristics.

MODULAR DIVISION

Module	Торіс	Periods
1	Introduction to profession	6
2	Tender, Contract and Arbitration	9
3	Accounts	6
4	Building codes and Bylaws	9
ContactPeriods30	Internal Assessment 4	Total Periods 34

EVALUATION SCHEME

1. Examination (60 marks)

2.Internal Assessment(40 marks)

- a. MidSemester:20marks
- b. Teacher'sassessment:10marks (seminar/homework/class performance etc.)
- c. Attendance: 10 marks

DETAIL COURSE CONTENT

Module 1

Introduction to profession

Role of Interior Designer in the Professional Field- Professional Ethics-Codes of professional conduct and Responsibility towards client, fellow professionals, contractors, suppliers, other consultants and the society. Work ethics: Acts applicable; Basis for Professional Fees & Scales of fees; Physical work places in the office; Accounting, maintenance of book of accounts and records

Module 2

Tender, Contract and Arbitration

9 periods

6 periods

Definition of tender, Necessity of tender, Types of tender-Tendering System–Online procedure of submission and opening of bids (Technical and Financial).

Notice to invite tender (NIT)-comparative statement, scrutiny of tenders, award of contract, letter of award. Earnest Money Deposit (EMD), Performance Security Deposit, Validity period, corrigendum to tender notice and its

9 periods

necessity, Unbalanced bid. Tender documents Definition of contract, Requirements of contract, Types of engineering contract with advantages, disadvantages and their suitability-Conditions of contract Arbitration-Meaning, Qualification of an arbitrator, Appointment, Dispute and Settlement of disputes, Arbitration and Conciliation Act, Arbitration award.

Module 3Accounts6 periods

Various account forms and their uses–Measurement Books, E-Measurement book(E-MB), Nominal Muster Roll

(NMR), Imprest Cash, Indent, Invoice, Bill, Vouchers, Hand receipt Cash Book, Temporary Advance. Heads of Accounts.

Module 4

Building codes and Bylaws

Introduction of Codes and Bylaws ;Introduction to Codes followed by National Building Code of India – Classification of buildings; Introduction to Bye-laws followed by Kolkata Municipal Corporation Act-Short title, Application and Commencement; Definitions; Requirements of Parts of buildings-Fire protection and Exit Requirements

SUGGESTED READINGS

- Planting Design/Brain Hackett/
- Landscape Architecture/John Ormsbee Simonds McGrraw-Hill
- Time Saver Standards for Interior Design and Space Planning/Joseph De Chiara, Julius Paneroand MartinZelink/Mcgraw-Hill(Tx)
- Interior Decoration/Satish Chandra Agarwal/Dhanpat Rai and Sons

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ILLIMINATION

Subject Code	Course offered in	Duration	Periods/Week	Full Marks	
					100
IDPE309	5 th Semester	17 weeks	2 lectures	Int.Assess.40	Examination 60

OBJECTIVE

On completion of this course, the students will be able to understand the basic principles of illumination and its application in interiors. They will also understand the different types of lighting and fixtures used in interiors.

MODULAR DIVISION

Module	Торіс	Periods	Module	Торіс		Periods
1	Illumination	6	4	Light Sources		3
2	Definitions	3	5	Categories of Lighting in Interior Design		6
3	Laws of Illumination	6	6	Best Practices in Illumination		6
	ContactPeriods30		Internal Assessme		Total Periods 34	

EVALUATION SCHEME

1. Examination (60 marks)

- 2. Internal Assessment(40 marks)
 - a. MidSemester:20marks

- b. Teacher'sassessment:10marks (seminar/homework/class performance etc.)
- c. Attendance: 10 marks

DETAIL COURSE CONTENT

Module 2

Module 3

Module 4

Illumination Module 1

Definitions

Definition, Purpose of Illumination, 3 Basic Principles of Light, Difference between Illumination and Lighting, Properties of Good Illumination, Types of Illumination, Factors which affect correct illumination, Advantages of Correct Illumination.

Candela, Illuminance, Lumen, Luminance, Luminous Flux, Luminous Intensity, Maximum Illuminance, Minimum Illuminance, Room Index, Colour Rendering (of a light source), Colour Rendering Index (CRI) of a lamp, Efficacy, Glare Index ,Initial Light Output.

Rectilinear Propagation of Light, Inverse Square Law, Lambert's Cosine Law, Relationship between Candela and Lumen, Formula of Illumination, Level of Illumination

Types of Light Sources: Natural Sources like Sun, Stars, Moon, Bio luminescence, Natural Phenomenon like Lightning and Volcanic Eruptions; Artificial Sources: Incandescent Sources, Luminescent Sources, Gas Discharge Sources

Module 5 **Categories of Lighting in Interior Design**

Laws of Illumination

Light Sources

General Lighting; Low Lighting: CeilingLights, RecessedLighting, TableLamps, Torchiere Lamps, Chandeliers; Task Lighting: Under Cabinet Lighting, Pendant, Desk Lamp, Table Lamps, Wall Sconces; Access Lighting: Recessed Lighting, Wall Sconces, Track Lighting, Picture Lighting, Cove Lighting; Mood Lighting.

Module 6 Best practices in Illumination

Best Practices for Residential Buildings: Considerations for Living Room, Bedrooms, Kitchens, Bathrooms etc.; Best Practices for Commercial Spaces: Ergonomics and Lighting in the Workplace, Office Lighting Standards.

SUGGESTED READINGS

- Susan M. Winchip, Fundamentals of Lighting; Publisher Bloomsbury
- Gary Gordon, Interior Lighting for Designers; Publisher John Wiley & Sons
- IlluminationandElectrificationofBuilding-ThirdYearDiplomaInElectricalEngineeringGroup-Semester5;NiraliPrakashan •
- SamuelMills,FundamentalsofArchitecturalLighting;PublisherTaylor&Francis ٠

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VAASTU

Subject Code	Course offered in	Duration	Periods/Week	Full Marks 100	
IDPE311	5 th Semester	17 weeks	2 lectures	Int.Assess.40	Examination 60

OBJECTIVE

This subject aims at familiarizing the students about the knowledge of traditional way of positioning of furniture or elements in interior space according to some belief. This subject also aims at implementation of such belief in planning of residential as well as in commercial space.

6 periods

3 periods

6 periods

3 periods

6 periods

MODULAR DIVISION

Module	Торіс	Periods	Module	Торіс	Periods
1	Introduction to Vaastu	6	4	Vaastu for Commercial spaces	6
2	Interiors and Exteriors	6	5	Pyramids	3
3	Vaastu for Residential spaces	6	6	Fengshui	3
	ContactPeriods30		Internal Assessn	nent 4 Total Periods 34	

EVALUATION SCHEME

- 1. Examination (60 marks)
- 2. Internal Assessment(40 marks)
- a. MidSemester:20marks
- b. Teacher'sassessment:10marks (seminar/homework/class performance etc.)
- c. Attendance: 10 marks

DETAIL COURSE CONTENT

Module 2

Module 4

Module 1 Introduction of Vaastu

Overview of mythological and scientific background of Vaastu, Understanding Life force Energy, Importance of Five Elements, Use of Magnetic Compass, Importance of Cardinal Directions & extensions.

Open Space planning and Building Design, Floor level, Height factors, Verandas, Balconies, Porch, Basements, Sumps &Borings, Boundary Walls, Parking, Security Guard Room, Overhead Tanks, Septic Tanks, Water flow, Mezzanine floors, Plants and Greenery.

Module 3 Vaastu for Residential Spaces

Interiors and Exteriors

Master Bed Room, Kids room, Living Room, Kitchen, Dining Room, Bathroom, Drawing room, Study Room, Puja Room, Library, Storeroom, Furniture making, Doors, Windows and ventilators, Main Entrance, Staircase, Servants room, Guestroom, Garage.

Planning, Offices, Shops, Restaurants, Showrooms, Schools, Hospitals and Other Commercial Establishments.

Module 5 Pyramids

Introduction, Power of Pyramids, Application of Pyramids in Vaastu, Remedies with Pyramids, Other Auspicious Articles

Module 6 Fengshui Introduction, Relation with Vaastu, Uses of various Fengsui articles

Vaastu for Commercial spaces

SUGGESTED READINGS

- Sthapatya Ved-Vaastu/ Gour Niketan Anand /Dhanpat Rai &Sons, Delhi
- HinduArchitecture:Vastu&SilpaSastra/GovindKrishnaPillai/BharatiyaKalaPrakashan
- Scientific Approach to Vastu Shastra /Dr.Anand Bhardwaj/M/SAbhinavPublications,NewDelhi
- SthapatyaVeda/Dr.V.GanapatiSthapati/DakshinaaPublishingHouse,Chennai
- Fengshui for Better Living / Vidya Bhushan Raman / Vidya Bhawan

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6 periods

6 periods

6 periods

6 periods

3 periods

SESSIONAL ON ILLUMINATION

Subject Code	Course offered in	Duration	Periods/Week	Full Marks 100	
IDPE313	5 th Semester	17weeks	4Practical	Int. Assess. 60	Ext. Assess. 40

OBJECTIVE

This course aims to equip the students with the skill of lighting design in an interior space in order to achieve suitable illumination level for a particular activity and also to evoke the sense of particular ambience. It also aims to enable the students in designing the interior components of a room to locate suitable luminaries for the desired modes and types of lighting.

EVALUATION SCHEME

Name of the course	Marks Allotted
SESSIONAL ON ILLUMINATION	 a. Continuous internal assessment of 50 marks is to be carried out by the teachers throughout the semester b. Attendance of 10 marks c. External assessment of 40 marks shall be held at the end of the Semester on theentire syllabus i.e. assignment

MODULAR DIVISION

Module	Topic [*]	Contact Periods [#]	No. of sheets*
1	Plan showing positions of luminaries, reflected ceiling Plan if necessary, with furniture foot print	12	1
2	All necessary elevations showing lighting fixtures, Mounting height, furniture etc.	20	2
3	Views showing rendering and shadow effect on floors and walls	16	1
4	Detailing work of false ceiling, cornice lighting, cove lighting, valence lighting, etc.	20	1

*As per teacher's instructions

DETAIL COURSE CONTENT

Design any one of the following spaces taking area not more than 30sq.m.-

Residential building space like Drawing room, Dining room, Drawing cum Dining room, Bedroom, Kitchen &Bathroom, Foyer space etc.,-Educational building space like Principal's Room, Library reading area, Computer lab etc,-Business space like Interior Designer's office, Office work station, Conference Room, Bank, Post Office, Mobile Service Center etc, Commercial building space like Restaurant dining area for 30 diners, Jewelry Showroom, Garments Shop, any other similar type of activity areas

The design of lighting scheme should cover the factors of illumination engineering like:

Illumination Level:-Degree of illumination to give necessary brightness to the object considering the size of the object, selection of luminaries and lighting fixtures-Uniformity of illumination-Color of light-Shadows: Formation of light and hard shadows causing fatigue to eyes and mind-Glare-Mounting height-Spacing of luminaries-Color of surrounding walls

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SESSIONAL IN VAASTU

Г	Subject Code	Course offered in	Duration	Periods/Week	Full N	/arks100
	IDPE315	5 th Semester	17weeks	4 Practical	Int. Assess. 60	Ext. Assess. 40

OBJECTIVE

This course aims to equip the students with the skill of designing interior space applying the rules of Vaastu Shastra .It also aims to enable the students to design the interior space with a thematic concept of traditional knowledge along with the expertise of technicalities involved in it.

EVALUATION SCHEME

Name of the course	Marks Allotted
	a. Continuous internal assessment of 50 marks is to be carried out by the teachers throughout the semester
SESSIONAL ON VAASTU	b. Attendance of 10 marks
	c. External assessment of 40 marks shall be held at the end of the Semester on the entire syllabus.

MODULAR DIVISION

Module	Topic*	Contact Periods [#]	No. of sheets*
1	Plan showing assignment of Rooms or activity areas in a given interior space with Location of Doors, Windows and Ventilators, Pillars, Placement of Walls, Partition walls, Alcoves and Niches	10	1
2	Furniture arrangement as per vaastu rules with Electrical layout for positioning of luminaries and ventilation system considering rules of vaastu on Reflection & Light And ventilation	12	1
4	All necessary elevations showing height of walls, ceiling, alcoves ,niches and furniture with colour scheme	20	2
5	Positioning of individual objects: particular plants, a fountain, a fish aquarium, a sculpture, painting, mural, any pyramid structure etc.	10	1
6	Specific view (If any)	8	1

*As per the teacher's instructions

DETAIL COURSE CONTENT

Design any one of the following spaces taking area not more than 30 sq. m. Residential building space like Drawing room, Dining room, Drawing cum Dining room, Bedroom, Kitchen &Bathroom, Foyer space etc.,-Educational building space like Principal's Room, Library reading area, Computer lab etc,-Business space like Interior Designer's office, Office work station, Conference Room, Bank, Post Office, Mobile Service Center etc, Commercial building space like Restaurant dining area for 30 diners, Jewelry Showroom, Garments Shop, any other similar type of activity areas.

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INTERIOR WORKING DRAWING-II

Subject Code	Course offered in	Duration	Periods/Week	Full Marks 1	.00
IDPC317	5 th Semester	17weeks	4 Practical	Int.Assess.60	Ext.Assess.40

OBJECTIVE

The subject intends to equip the students with knowledge of materials and skills of using construction techniques for preparing working drawing and details of a designed commercial space. It further intends to equip the students with thorough knowledge, specifically about the finishes and services of interior spaces.

MODULARDIVISION

Module	Topic [*]	Contact Periods [#]	No. of sheets
1	Floor Plans	15	2
2	Elevations & Sections	20	4
3	Structural and finishing details	15	2
4	Detailing of Doors, Windows and Furniture	20	2
5	Detailing of Services	8	2

*Assignments are be carried out in a journal-form on large size square grid pad and/or drawn to scale on A2 size drawing sheet as per instructions.

#The periods exclude tutorials

EVALUATION SCHEME

Name of the course	Marks Allotted
	a. Continuous internal assessment of 50 marks is to be carried out by the teachers throughout
Interior Working	the semester
Drawing-II	b. Attendance of 10 marks
	c. External assessment of 40 marks shall be held at the end of the Semester on the entire syllabus i.e.
	assignment

DETAIL COURSE CONTENT

Module 1	Floor Plans	15 periods
Architectural Floor plan,	Reflected Ceiling Plans, Doors and Window scheduling	
Module 2	Elevations & Sections	20 periods
treatment, bumper guards,	nt of wall coverings, height of chair rails or mouldings plumbing fixtures, other design features permanently re attached to a surface its generic materials.	· · · · · · · · · · · · · · · · · · ·
Module 3	Structural and finishing details	15 periods
•	hish to be used in interior surfaces -listing by pattern, construction of floor finishes along with	
Module 4	Detailing of Doors, Windows and Furniture	20 periods
Details of Doors and Win Pattern of Window Cove	dows rings, Furniture, Furnishing and Upholstery	

Module 5

Detailing of Services

Drawing showing the placement of lighting fixtures, placement of furniture panels, electrical connections, power layouts and components, Detailing of Sanitary and Plumbing Services etc.

PROJECT PART- A

Subject Code Course offered in Duration Periods/Week	Full Marks 100	
PR302 5 th Semester 17weeks 6 Practical Ir	nt.Assess.60	Ext.Assess.40

OBJECTIVE

The course aims that the students be able to identify and define relevant aspects of a design problem and solve it individually. It also aspires that the students will develop original and creative thinking. They will be also able to apply the knowledge of all other courses for the practical implementation of their design ideas. The course also puts scope to them to express ideas effectively through the use of drawings, design software and presentation.

MODULAR DIVISION

Module	Торіс	Contact Periods
1	Programming	15
2	Concept development	15
3	Design development	10
4	Drawing development	35

EVALUATION SCHEME

Name of the course	Marks Allotted
Project Part-A	A Continuous internal assessment of 50 marks is to be carried out by the teachers throughout the semester b. Attendance of 10 marks c. External assessment of 40 marks shall be held at the end of the Semester on the entire syllabus.

DETAIL COURSE CONTENT

The topics of the project will be decided by the students under the guidance of the subject teacher

Module 1 Programming

Functional requirements, Understanding the user's needs, Surveying, Research on material availability, applicability, Study of existing rules and regulations -building rules, fire safety rules, environmental issues etc.

Module 2 **Concept Development**

In the concept development stages, ideas should begin considering the points; Space planning, Functional relationship, Aesthetics and Comfort.

Module 3 **Design Development**

Design narrative, Prepare a write up to explain the design, Design Illustration: Preparation of Colour Schemes and

10 periods

15 periods

Material, Selection of Furnishing.

Module 4 Drawing Development

35 periods

Drawing of Floor plans, Elevations and Sections

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SUMMER INTERNSHIP

Subject Code	Course offered in	Duration	Periods/Week	Full Marks
SI301	5 th Semester	3 – 4 weeks	0	100

DETAIL COURSE CONTENT

After the **4**th **Semester**, for **Internship-II**, students are required to be involved in Inter/Intra Institutional activities viz; Training and Simulation Programme with different Institutes like Workshop of ITI, other Polytechnics and other Technical Institutes; Soft skill training organized by Training and Placement Cell of the respective Institutions; Contributions at Innovations/Entrepreneurship Cell of the Institute; Participation in Workshop/Competitions etc.; Learning at Departmental Lab/Institutional Workshop.

EVALUATION SCHEME

Complete assessment will be done internally on the basis of Internship Report and Internship Seminar

1. The Internship Report will be evaluated on the basis of the following criteria (as applicable)

Sl.No.	Criteria for evaluation of Internship Report
1.	Originality
2.	Adequacy and purposeful write-up
3.	Organization, Format, Drawings, Sketches, Style, Language
4.	Practical applications and Relationships with basic theory
5.	Concept taught in the course outcome
6.	Attendance Record, Daily Diary, Quality of the Internship Repot

1. Internship Seminar

Seminars must be arranged for the students based on his/her training report, before an Internal Committee constituted by the concerned department of the institute.

Sl.No.	Criteria for evaluation of Internship Report
1.	Quality of content presented
2.	Proper planning for presentation
3.	Effectiveness of presentation
4.	Depth of knowledge and skills
5.	Viva-Voce

CURRICULUM AND SYLLABI OF FULL-TIME DIPLOMA COURESES IN INTERIOR DECORATION (PART – III SEMSTER – 5TH) (W.E.F. 2020-21)

WEST BENGAL STATE COUNCIL OF TECHNICAL AND VOCATIONAL EDUCATION AND SKILL DEVELOPMENT (A Statutory Body under West Bengal Act XXI of 1995) "Kolkata Karigori Bhavan", 2ndFloor, 110S.N.Banerjee Road, Kolkata –700013

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