

SHIVAJI UNIVERSITY, KOLHAPUR



“A⁺⁺” Accredited
by NAAC(2021)
with CGPA 3.52

B.Voc in Building technology and interior design

Syllabus for

B. Voc. Part I (Diploma)

Diploma in building technology and interior design

**(To be implemented from academic year 2022-2022 onwards)
ASs per National Education Policy 2020**

SHIVAJI UNIVERSITY, KOLHAPUR
PROPOSED STRUCTURE AND SYLLABUS (SEMESTER PATTERN)

Bachelor of Vocation (B. Voc.) Part I – Building Technology and Interior Design

- 1. TITLE:** B. Voc. Part I (Building Technology & Interior Design)
Syllabus (Semester Pattern) Under
Faculty of
- 2. YEAR OF IMPLEMENTATION :** Syllabus will be implemented from 2022 -2023
- 3. DURATION:** B. Voc. Part I, II and III (Three Years)
B. Voc. Part I - Diploma (First Year)
B. Voc. Part II - Advanced Diploma (Second Year)
B. Voc. Part III – Degree (Third Year)
- 4. PATTERN OF EXAMINATION - Semester Pattern**
 - Theory Examination – At the end of semester as per Shivaji University Rules
 - Practical Examination–
 1. In the 1st, 3rd and 5th semester of B. Voc. there will be internal assessment of practical record, related report submission and project reports.
 2. In the second semester of B. Voc. I there will be internal practical examination.
 3. In the 4th and 6th semester of B. Voc. There will be external practical examination at the end of the semester.
- 5. MEDIUM OF INSTRUCTION :** English /Marathi
- 6. STRUCTURE OF COURSE :** B. Voc. Part – I, II and III
Two Semesters per Year
Two General Papers per year / semester
Three Vocational Papers per Year / Semester
Three Practical papers per Year / Semester
One Project / Industry Visit/ Study Tour / Survey
- 7. SCHEME OF EXAMINATION – A) THEORY–**
 - The theory examination shall be at the end of the each semester.
 - All the general theory papers shall carry 40 marks and all the vocational theory papers shall carry 50 marks.
 - Evaluation of the performance of the students in theory shall be on the basis of semester examination as mentioned above.

- Question paper will be set in the view of entire syllabus preferably covering each unit of the syllabus.
- Nature of question paper for Theory examination (excluding Business Communication paper)–
 - i. There will be seven questions carrying equal marks.
 - ii. Students will have to solve any five questions.

Q. No. 1: Short answer type question with internal choice (Two out of three).

Q. No. 2 to Q. No. 6: Long answer type questions.

Q. No. 7: Short Notes with internal choice (Two out of three).

B) PRACTICAL

Evaluation of the performance of the students in practical shall be on the basis of semester examination (Internal assessment at the end of I, III and IV and V Semester and external examination at the end of IV and VI semester as mentioned separately in each paper.

STANDARD OF PASSING –

As per the guidelines and rules of B. Voc. (Attached separately in annexure I)

STRUCTURE OF THE COURSE

B. Voc. Part I (Diploma) Semester – I

Sr No.	Paper No.	Title	Theory/Practical / Project	Marks (Total)	Theory	Practical
1	I	Business Communication - I	Theory /Practical	50	40	10
2	II	Graphics -I PaperI	Theory /Practical	50	40	10
3	III	Building materials - I PaperI	Theory	50	50	-
4	IV	Visualization theory - IPaper I	Theory	50	50	-
5	V	Basic design –I Paper I	Theory	50	50	-
6	VI	Laboratory Work Paper No. III	Practical	50	-	50
7	VII	Laboratory Work Paper No. IV	Practical	50	-	50
8	VIII	Laboratory Work Paper No. V	Practical	50	-	50
9	IX	Project	Practical	50	-	50

B. Voc. Part I (Diploma) Semester – II

Sr No.	Paper No.	Title	Theory/Practical/Project	Marks (Total)	Theory	Practical
10	X	Business Communication - II	Theory /Practical	50	40	10
11	XI	Graphics –II Paper II	Theory /Practical	50	40	10
12	XII	Building materials - II Paper II	Theory	50	50	-
13	XIII	Visualization theory -II Paper II	Theory	50	50	-
14	XIV	Basic design –II Paper II	Theory	50	50	-
15	XV	Laboratory Work Paper No. XII	Practical	50	-	50
16	XVI	Laboratory Work Paper No. XIII	Practical	50	-	50
17	XVII	Laboratory Work Paper No. XIV	Practical	50	-	50
18	XVIII	Industrial Visit /Study Tour	Practical	50	-	50

SCHEME OF TEACHING:**B. Voc. Part I (Diploma) Semester – I**

Sr No.	Paper No.	Title	Distribution of workload		
			Theory	Practical	Total
1	I	Business Communication - I	4	2	6
2	II	Graphics - Paper I	4	2	6
3	III	Building materials - I Paper I	4	-	4
4	IV	Visualization theory - Paper I	4	-	4
5	V	Basic design –I Paper I	4	-	4
6	VI	Laboratory Work Paper No. III	-	4	4
7	VII	Laboratory Work Paper No. IV	-	4	4
8	VIII	Laboratory Work Paper No. V	-	4	4
9	IX	Project	-	-	-
			20	16	36

B. Voc. Part I (Diploma) Semester – II

Sr No.	Paper No.	Title	Distribution of workload		
			Theory	Practical	Total
10	X	Business Communication - II	4	2	6
11	XI	Graphics –II Paper II	4	2	6
12	XII	Building materials - II Paper II	4	-	4
13	XIII	Visualization theory - II Paper II	4	-	4
14	XIV	Basic design –II Paper II	4	-	4
15	XV	Laboratory Work Paper No. XII	-	4	4
16	XVI	Laboratory Work Paper No. XIII	-	4	4
17	XVII	Laboratory Work Paper No. XIV	-	4	4
18	XVIII	Industrial Visit /Study Tour	-	-	-
			20	16	36

STRUCTURE OF THE COURSE

B. Voc. Part II (Advanced Diploma) Semester –III

Sr No.	Paper No.	Title	Theory/Practical/ Project	Marks (Total)	Theory	Practical
19	XIX	Fundamentals of Financial Accounting - I	Theory /Practical	50	40	10
20	XX	Interior design IPaper I	Theory /Practical	50	40	10
21	XXI	Building construction - IPaper I	Theory	50	50	-
22	XXII	Building services - I Paper I	Theory	50	50	-
23	XXIII	interior materials I Paper I	Theory	50	50	-
24	XXIV	Laboratory Work Paper No. XXI	Practical	50	-	50
25	XXV	Laboratory Work Paper No. XXII	Practical	50	-	50
26	XXVI	LaboratoryWork Paper No.XXIII	Practical	50	-	50
27	XXVII	Project	Practical	50	-	50

B. Voc. Part II (Advanced Diploma) Semester –IV

Sr	Paper	Title	Theory/Practical/	Marks	Theory	Practical
28	XXVIII	Fundamentals of Financial Accounting - II	Theory /Practical	50	40	10
29	XXIX	Interior design I Paper II	Theory /Practical	50	40	10
30	XXX	Building construction -I Paper II	Theory	50	50	-
31	XXXI	Building services – I Paper II	Theory	50	50	-
32	XXXII	interior materials I Paper II	Theory	50	50	-
33	XXXIII	Laboratory Work Paper No. XXX	Practical	50	-	50
34	XXXIV	Laboratory Work Paper No. XXXI	Practical	50	-	50
35	XXXV	Laboratory Work Paper No. XXXII	Practical	50	-	50
36	XXXVI	Industrial Visit /Study Tour	Practical	50	-	50

SCHEME OF TEACHING :**B. Voc. Part II (Advanced Diploma) Semester – III**

Sr No.	Paper No.	Title	Distribution of workload		
			Theory	Practical	Total
I	XIX	Fundamentals of Financial Accounting - I	4	2	6
II	XX	Interior design I Paper I	4	2	6
III	XXI	Building construction -I Paper I	4	-	4
IV	XXII	Building services – I Paper I	4	-	4
V	XXIII	Interior materials I Paper I	4	-	4
VI	XXIV	Laboratory Work Paper No. XXI	-	4	4
VII	XXV	Laboratory Work Paper No. XXII	-	4	4
VIII	XXVI	Laboratory Work Paper No. XXIII	-	4	4
IX	XXVII	Project	-	-	-
		Total	20	16	36

B. Voc. Part II (Advanced Diploma) Semester – IV

Sr No.	Paper No.	Title	Distribution of workload		
			Theory	Practical	Total
1.	XXVIII	Fundamentals of Financial Accounting - II	4	2	6
2.	XXIX	Interior design II Paper II	4	2	6
3.	XXX	Building construction - II Paper II	4	-	4
4.	XXXI	Building services – II Paper II	4	-	4
5.	XXXII	Interior materials II Paper II	4	-	4
6.	XXXIII	Laboratory Work Paper No. XXX	-	4	4
7.	XXXIV	Laboratory Work Paper No. XXXI	-	4	4
8.	XXXV	Laboratory Work Paper No. XXXII	-	4	4
9.	XXXVI	Industrial Visit /Study Tour	-	-	-
		Total	20	16	36

STRUCTURE OF THE COURSE

B. Voc. Part III (Degree) Semester – V

Sr No.	Paper No.	Title	Theory/Practical/Project	Marks (Total)	Theory	Practical
I.	XXXVII	Interior design - III paper I	Theory /Practical	50	40	10
II.	XXXVIII	Working drawing I paper I	Theory /Practical	50	40	10
III.	XXXIX	Estimation – I paper I	Theory	50	50	-
IV.	XXXX	Building construction - III paper I	Theory	50	50	-
V.	XXXXI	Sustainable construction-I paper I	Theory	50	50	-
VI.	XXXXII	Laboratory work Paper XXXIX	Practical	50	-	50
VII.	XXXXIII	Laboratory work Paper XXXX	Practical	50	-	50
VIII.	XXXXIV	Laboratory work Paper XXXXI	Practical	50	-	50
	XXXXV	Internship	Practical	50	-	50

B. Voc. Part III (Degree) Semester – VI

Sr No.	Paper No.	Title	Theory/Practical/Project	Marks (Total)	Theory	Practical
I.	XXXXVI	Interior design - IV paper II	Theory /Practical	50	40	10
II.	XXXXVII	Working drawing II paper II	Theory /Practical	50	40	10
III.	XXXXVIII	Estimation – II paper II	Theory	50	50	-
IV.	XXXXIX	Building construction – IV paper II	Theory	50	50	-
V.	XXXXX	Sustainable construction-II paper II	Theory	50	50	-
VI.	XXXXXI	Laboratory work XXXXVIII	Practical	50	-	50
VII.	XXXXXII	Laboratory work	Practical	50	-	50
VIII.		Paper XXXXIX				
IX.	XXXXXIII	Laboratory work Paper XXXXX	Practical	50	-	50
X.	XXXXXIV	Project	Practical	50	-	50

SCHEME OF TEACHING :**B. Voc. Part III (Degree) Semester – V**

Sr No.	Paper No.	Title	Distribution of workload		
			Theory	Practical	Total
XI.	XXXVII	Interior design –III paperI	4	2	6
XII.	XXXVIII	Working drawing I PaperI	4	2	6
XIII.	XXXIX	Estimation – I PaperI	4	-	4
XIV.	XXXX	Building construction - III paper I	4	-	4
XV.	XXXXI	Sustainable construction-I paperI	4	-	4
XVI.	XXXXII	Laboratory work Paper XXXIX	-	4	4
XVII.	XXXXIII	Laboratory work Paper XXXX	-	4	4
VIII.	XXXXIV	Laboratory work Paper XXXXI	-	4	4
XIX.	XXXXV	Internship	-	-	-
		Total	20	16	36

B. Voc. Part III (Degree) Semester – VI

Sr No.	Paper No.	Title	Distribution of workload		
			Theory	Practical	Total
1.	XXXXVI	Interior design -IV PaperII	4	2	6
2.	XXXXVII	Working drawing II PaperII	4	2	6
3.	XXXXVIII	Estimation – II PaperII	4	-	4
4.	XXXXIX	Building construction – IV PaperII	4	-	4
5.	XXXXX	Sustainable construction-II PaperII	4	-	4
6.	XXXXXI	XXXXVIII	-	4	4
7.	XXXXXII	Laboratory work Paper XXXXIX	-	4	4
8.	XXXXXIII	Laboratory work Paper XXXXX	-	4	4
9.	XXXXXIV	Project	-	-	-
		Total	20	16	36

Eligibility for Admission:

10 + 2 from any faculty or equivalent Diploma / Advanced Diploma in any related stream.

Eligibility for Faculty:

- 1) Post graduate with NET / SET
- 2) M. A. (English) with NET/SET for Business Communication.
- 3) B.Arch. / B.E. civil with ten years experience.

Eligibility for Lab Assistant: Graduation with related field

Staffing Pattern

Teaching: In the 1st year of B. Voc. – One FullTime

One C. H. B. for Business Communication

Lab. Assistant: For 1st Year of B. Voc. – 1 PartTime

For 2nd and 3rd Year (Inclusive of 1st Year) of B. Voc. – 1 Full Time

Paper – I: Business Communication-I
Total Workload: 06 lectures per week of 60 mins.
Distribution of Workload:

Theory: 04 lectures per week

Practical: 02 lectures per week per batch of 20 students

Units Prescribed for Theory: 40 Marks.

Unit 1: Use of English in Business Environment

Topics:

Business Vocabulary: Vocabulary for banking, marketing and for maintaining public relations

What is a sentence?

Elements of a sentence

Types of sentence: Simple, compound, complex

Unit 2: Writing a Letter of Application and CV/ Resume

Topics:

Structure of a letter of application for various posts

CV/ Resume and its essentials

Unit 3: Presenting Information/Data

Topics:

Presenting information/data using graphics like tables, pie charts, tree diagrams, bar diagrams, graphs, flow charts

Unit 4: Interview Technique

Topics:

Dos and don'ts of an interview

Preparing for an interview

Presenting documents

Language used in an interview

Practical: Based on the theory units 10 Marks.

Reference Books:

- Sethi, Anjane & Bhavana Adhikari. *Business Communication*. New Delhi: Tata McGrawHill
- Tickoo, Champa & Jaya Sasikumar. *Writing with a Purpose*. New York: OUP, 1979.
- Sonie, Subhash C. *Mastering the Art of Effective Business Communication*. New Delhi: Student
- Aid Publication, 2008.
- Herekar, Praksh. *Business Communication*. Pune: Mehta Publications, 2007.
- Herekar, Praksh. *Principals of Business Communication*. Pune: Mehta Publications, 2003.

- Rai, Urmila & S. M. Rai. *Business Communication*. Himalaya Publishing House, 2007.
 - Pradhan, N. S. *Business Communication*. Mumbai: Himalaya Publishing House, 2005.
 - Pardeshi, P. C. *Managerial Communication*. Pune: Nirali Prakashan, 2008.
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Pattern of a Question Paper

**B. Voc. Part-I Business Communication-I
Semester –I Paper: I**

Total Marks: 40

Time 2 hours

- Q. 1 Do as directed. Question items on **Unit 1** to be asked. 10
(10 out of 12)
- Q. 2 Write a letter of application. 10
OR
Draft a CV/ Resume for a particular post.
- Q. 3 Present a given information or data using a table/ chart/ pie diagram,
etc. 10
(Any one diagram to be drawn.)
- Q. 4 Fill in the blanks in the given interview. 10

Practical Evaluation: 10 Marks

Oral and Presentation based on the units prescribed.

Bachelor of Vocation (B. Voc.) Part I - Sem. I

Graphics –I Paper I

Theory : 4 lectures/ week

Total Marks : 50 (Theory 40 + Practical 10)

Practical : 2 lectures/week/batch

Unit 1: Drafting essentials

Introduction of drawing equipments, materials & methods of using them.
Lettering – different styles.

Unit 2: Methods of drawing

Methods of engineering and interior drawings.
Concept of first angle method & third angle method.

Unit 3: Engineering drawing

Orthographic projections,
Drawing solid modelling of simple & complex objects.

Unit 4: Sketching

Freehand drawing of human figures, trees, accessories etc.

Objectives ----- To understand the students the methods and techniques of engineering drawing.

(A) Theory (40 Marks) Content of syllabus

(B) Practicals (Based on the above Units):

1. Visit to Industry/ RetailMall
2. Survey regarding materials in retailmalls.
3. Oral /Seminar

- List of referencebooks
Rendering with pen & ink,
Time saver standards.

Contemporary Color Theory & Use by Steven Bleicher, Second Edition.

The Art of Color. Translated by Ernst van Haagen. Wiley; Revised edition, 1997.

Building materials I Paper I

Theory : 4 lectures/ week

Total Marks : 50

Unit 1: Building materials

Theory of building materials such as brick, stone, timber & glass.

Unit 2: Study of brick masonry construction

Types of brick masonry.

Unit 3: Study of stone masonry construction

Types of stone masonry.

Unit 4: Building terminology

Study of various building component terms used in building construction.

Objectives ----- The objective of this course is to introduce you to the various engineering materials.

Theory (50 Marks) Content of syllabus

- List of reference books
Building materials – author Rangwala,
Building construction – Author R.S. Khurmi

Visualization theory -IPaper I

Theory : 4 lectures/ week

Total Marks : 50

Unit 1: Colour

Color theory – psychology, color schemes & application of colors.

Unit 2: colours used in interior design

Visual effects of colors in interiors as well as for exteriors.

Unit 3: Study of pattern

Geometric pattern

Naturalistic pattern

Unit 4: Study of texture

Visual effects of texture and applications of texture.

Objectives ----- The objective of this course is to introduce students the theory of colours.

Theory (50 Marks) Content of syllabus

- List of reference books
The Elements of Color. Paratore, Philip Carlo.
Art and Design. Sharpe, Deborah T.
The Psychology of Color and Design. Wong, Wucius.

Basic design -I Paper I

Theory : 4 lectures/ week

Total Marks : 50

Unit 1: Elements of design

Point, line, surface, volume, colour, texture and space.

Unit 2: Principals of design

Balance, emphasis, movement, pattern, repetition, proportion, rhythm, variety and unity

Unit 3: Process of design.

Aspects and prospects of space planning.
Space around furniture items.

Unit 4: Furniture study

Various furniture dimensions & design of single furniture item.

Objectives ----- The objective of this course is to introduce students the theory of design.

Theory (50 Marks) Content of syllabus

- List of referencebooks
- *Time saver standards*
- Interior design*
- *The Cheese Monkeys and The Learners* by Chip Kidd
- Visual Thinking, De Saumarez, Maurice.

Basic Design:

- The Dynamics of Visual Form. Fisher, M.P. and Zelanski, P.,
- Design, Principles and Problems. Grillo, Paul Jacques.
- Form, Function and Design. Klee, Paul.
- Pedagogical Sketch BOOK. Larkin, Eugene.
- Design: The Search for Unity. Itten, Johannes.
- The Elements of Color. Paratore, Philip Carlo.
- Art and Design. Sharpe, Deborah T.
- The Psychology of Color and Design. Wong, Wucius.

FOR PAPER NO. VI, VII, VIII

Practical Work –based on theory units

Total Marks– 50
batch

Practical : 4 lectures / week/per

Practicals :

A) Drafting Skill Development

B) Designing Skill Development

- 1) Use of Elements for Creation of Design
- 2) Colour Scheme Implementation
- 3) Basic Layout
- 4) Designing and Effects

C) Project Work

- 1) Basic Sketches
- 2) Orthographic projections
- 3) Presentation of basic works created by students

Internal practical evaluation 50marks

- i) Submission of practical record book =20marks
- ii) Submission of visit report =15marks
- iii) Viva-voce 15=marks

Paper – II: Business Communication-II
Total Workload: 06 lectures per week of 60 mins.
Distribution of Workload:

Unit 5: Group Discussion

Topics:

Preparing for a Group Discussion
Initiating a Discussion
Eliciting Opinions, Views, etc.
Expressing Agreement/ Disagreement
Making Suggestions; Accepting and Declining Suggestions
Summing up.

Unit 6: Business Correspondence

Topics:

Writing Memos, e-mails, complaints, inquiries, etc.
Inviting Quotations
Placing Orders, Tenders, etc.

Unit 7: English for Negotiation

Topics:

Business Negotiations
Agenda for Negotiation
Stages of Negotiation

Unit 8: English for Marketing

Topics:

Describing/ Explaining a Product/ Service
Promotion of a Product
Dealing/ bargaining with Customers
Marketing a Product/ Service: Using Pamphlets, Hoardings, Advertisement, Public Function/ Festival

Practical: Based on the theory units

Reference Books:

- Herekar, Praksh. *Business Communication*. Pune: Mehta Publications, 2007.
Herekar, Praksh. *Principals of Business Communication*. Pune: Mehta Publications, 2003.
John, David. *Group Discussions*. New Delhi: Arihant Publications.
Kumar, Varinder. *Business Communication*. New Delhi: Kalyani Publishers, 2000.
Pardeshi, P. C. *Managerial Communication*. Pune: NiraliPrakashan, 2008.
Pradhan, N. S. *Business Communication*. Mumbai: Himalaya Publishing House, 2005
Rai, Urmila & S. M. Rai. *Business Communication*. Mumbai: Himalaya Publishing House, 2007.
Sethi, Anjanee & Bhavana Adhikari. *Business Communication*. New Delhi: Tata McGraw Hill.
Sonie, Subhash C. *Mastering the Art of Effective Business Communication*. New Delhi: Student Aid Publication, 2008.
Tickoo, Champa & Jaya Sasikumar. *Writing with a Purpose*. New York: OUP, 1979.
Whitehead, Jeffrey & David H. Whitehead. *Business Correspondence*. Allahabad: Wheeler Publishing, 1996.
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- Rai, Urmila & S. M. Rai. *Business Communication*. Himalaya Publishing House, 2007.
- Pradhan, N. S. *Business Communication*. Mumbai: Himalaya Publishing House, 2005.
- Pardeshi, P. C. *Managerial Communication*. Pune: Nirali Prakashan, 2008.

Practical Evaluation: 10 Marks

Oral and Presentation based on the units prescribed.

Bachelor of Vocation (B. Voc.) Part I - Sem. II

Graphics –II Paper II

Theory : 4 lectures/ week

Total Marks : 50 (Theory 40 + Practical 10)

Practical : 2 lectures/week/batch

Unit 1: 3d visualization

Isometric views
Axonometric views.
Oblique views

Unit 2: Introduction of perspective views

Introduction of normal perspective view
Bird's eye view
Worm's eye view.
Approximate & technical method of drawing perspective views
Types of perspectives one point, two point views.

Unit 3: Computer skill developments

2 dimensional drafting in CAD using commands,
Line
Offset
Trim
Extend
Fillet
Champher
Copy
Move
Rotate
Text

Unit 4: Sketching

Freehand drawing of human figures, trees, accessories etc.

Objectives ----- To understand the students the methods and techniques of engineering drawing.

(C) Theory (40 Marks) Content of syllabus

(D) Practicals (Based on the above Units):

4. Visit to Industry/ RetailMall
5. Survey regarding materials in retailmalls.
6. Oral /Seminar

- List of referencebooks
Rendering with pen & ink,
Time saver standards.

Contemporary Color Theory & Use by Steven Bleicher, Second Edition.

The Art of Color. Translated by Ernst van Haagen. Wiley; Revised edition, 1997.

Bachelor of Vocation (B. Voc.) Part I - Sem. II

Building materials IIPaper II

Theory : 4 lectures/ week

Total Marks : 50

Unit 1: Building materials

Theory of building materials such as sand, metal, P.V.C.

Unit 2: Study of building construction

Building terminology.

Unit 3: Concrete technology

Types of concrete.

Unit 4: Construction technology

Types of mortars used in building construction.

Objectives ----- The objective of this course is to introduce you to the various engineering materials and technology.

Theory (50 Marks) Content of syllabus

- List of reference books
Building materials – author Rangwala,
Building construction – Author R.S. Khurmi

Bachelor of Vocation (B. Voc.) Part I - Sem. II

Visualization theory -II Paper II

Theory : 4 lectures/ week

Total Marks : 50

Unit 5: Visual appeal

Visual textures.

Actual and simulated textures.

Unit 6: Visual appearance of objects.

Visual effects of colors, textures on the objects.

Unit 7: Anthropometry

Study of human body dimensions.

Unit 8: Study of colour.

Colour schemes and application of colour on interior and exterior surfaces.

Objectives ----- The objective of this course is to introduce students the theory of colours.

Theory (50 Marks) Content of syllabus

- List of referencebooks
The Elements of Color. Paratore, Philip Carlo.
Art and Design. Sharpe, Deborah T.
The Psychology of Color and Design. Wong, Wucius.

Bachelor of Vocation (B. Voc.) Part I - Sem. II

Basic design -II Paper II

Theory : 4 lectures/ week

Total Marks : 50

Unit 1: Furniture design

Design single item furniture

Unit 2: Space design

Design a group of furniture elements along with surrounding.

Unit 3: Residential interior design- I

Small design spaces like living room, kitchen, and bedroom.

Unit 4: Residential interior design II

One room living design.

Objectives ----- The objective of this course is to introduce students the theory of design.

Theory (50 Marks) Content of syllabus

- List of reference books
- *Time saver standards*
- Interior design*
- *The Cheese Monkeys and The Learners* by Chip Kidd
- Visual Thinking, De Saumarez, Maurice.

Basic Design:

- The Dynamics of Visual Form. Fisher, M.P. and Zelanski, P.,
- Design, Principles and Problems. Grillo, Paul Jacques.
- Form, Function and Design. Klee, Paul.
- Pedagogical Sketch BOOK. Larkin, Eugene.
- Design: The Search for Unity. Itten, Johannes.
- The Elements of Color. Paratore, Philip Carlo.
- Art and Design. Sharpe, Deborah T.
- The Psychology of Color and Design. Wong, Wucius.

FOR PAPER NO. VI, VII, VIII

Practical Work – based on theory units

Total Marks– 50
batch

Practical : 4 lectures / week/per

Practicals :

D) Drafting Skill Development

E) Designing Skill Development

5) Use of Elements for Creation of Design

6) Colour Scheme Implementation

7) Basic Layout

8) Designing and Effects

F) Project Work

4) Basic Sketches

5) Orthographic projections

6) Presentation of basic works created by students

Internal practical evaluation 50marks

i) Submission of practical record book =20marks

ii) Submission of visit report =15marks

iii) Viva-voce 15=marks

Annexure I

Standard of passing:

- A. For B.Voc. programme total credits shall be 180 with 30 credits for each semester. There shall be 12 credits for theory and 18 credits for practical per semester.
- B. Subject wise credits are mentioned in the concerned syllabus of every B.Voc. Program.
- C. The standard of passing shall be 35 % where the student will have to score 18 marks out of 50, 14 marks out of 40 and 4 marks out of 10.
- D. Rules for ATKT are mentioned below:
 - I. Internal examination will be compulsory for all students. If the student is absent/fail in the internal examination then he/she will have to clear the internal examination. However ATKT rules will be followed in respect of theory and practical papers only. Then the student is allowed to keep term in the third fifth semester even if he/she has failed in the three or less than three heads (i.e. theory and practical) of passing each semester. However he/she shall have to clear all the papers of semester I & II before taking admission to the fifth semester.
 - II. In the B.Voc. Part II, every student has to complete internship of concerned industry.

Award of degree:

- B.Voc. is a six semester integrated course spread over the period of 3 years. The course of B.Voc. will be 3 years integrated course commencing from the years as mentioned below:
 - a. B.Voc. Part – I : Semester I & II – Diploma
 - b. B.Voc. Part – II : Semester III & IV – Advanced diploma
 - c. B.Voc. Part- III: Semester V & VI – B.Voc. Degree
- The candidate may take exit after one year of successful completion of the course. After successful completion of one year (Semester I & II) the candidate will get Diploma. After successful completion of two years (Semester III & IV), the candidate will get Advanced Diploma. The students those who have completed the entire three years (Semester V & VI) integrated course shall be awarded B.Voc. Degree programme, inclusive of Diploma and Advanced Diploma.
- The candidate admitted for direct second year or third year will get Class (First/Second/Pass class) as per their performance for B.Voc.

Scheme of mark:**Grading chart:****A. Grading Chart of 100 points:**

Sr.No.	Marks obtained	Numerical grade (Grade Point)	CGPA	Letter Grade
1	Absent	0 (Zero)	-	-
2	0 – 34	0 (Zero)	0.0 – 4.99	F (Fail)
3	35 - 44	5	4.50 – 5.49	C (Satisfactory)
4	45 – 54	6	5.50 – 6.49	B (Average)
5	55 – 64	7	6.50 – 7.49	B+ (Good)
6	65 – 74	8	7.50 – 8.49	A (Very Good)
7	75 - 84	9	8.50 – 9.49	A+ (Excellent)
8	85 - 100	10	9.50 – 10.00	O (Outstanding)

B. Grading chart of 50 points:

Sr. No.	Marks Obtained	Numerical grade (Grade point)	CGPA	Letter grade
1	Absent	0 (Zero)	-	-
2	0 -17	0 (Zero)	0.0 – 4.99	F (Fail)
3	18 – 22	5	4.50 – 5.49	C (Satisfactory)
4	23 – 27	6	5.50 – 6.49	B (Average)
5	28 – 32	7	6.50 – 7.49	B+ (Good)
6	33 – 37	8	7.50 – 8.49	A (Very Good)
7	38 – 42	9	8.50 – 9.49	A+ (Excellent)
8	43 - 50	10	9.50 – 10.00	O (Outstanding)

Note:

- i. Marks obtained ≥ 0.5 shall be rounded off to next higher digit.
- ii. The SGPA & CGPA shall be rounded off to 2 decimal points.
- iii. Marks obtained in 50 marks or 200 marks paper shall be converted to 100 marks.

Calculation of SGPA & CGPA**1. Semester Grade Point Average (SGPA)**

$$\text{SGPA} = \frac{\sum(\text{Course Credits} \times \text{Grade Points Obtained}) \text{ of a semester}}{\sum(\text{course credits}) \text{ of respective semester}}$$

2. Cumulative Grade Point Average (CGPA)

$$\text{CGPA} = \frac{\sum(\text{Total Credits Of A Semester} \times \text{SGPA Of Respective Semester}) \text{ of all semesters}}{\sum(\text{Total Course Credits}) \text{ of all semester}}$$

