

**SYLLABUS STRUCTURE
FOR
ADVANCE DIPLOMA IN
COMPUTERIZED ART & SKETCH**

SHIVAJI UNIVERSITY, KOLHAPUR



**Faculty of Interdisciplinary Studies Structure,
Scheme and Syllabus
for Bachelor of Vocation (B.Voc)
Advanced Diploma**

COMPUTERIZED ART AND SKETCH

Part II- Sem. III & IV

(Subject to the modifications that will be made from time to time)
Syllabus to be implemented from 2020-2021 onwards.

SHIVAJI UNIVERSITY, KOLHAPUR

PROPOSED STRUCTURE AND SYLLABUS (SEMESTER PATTERN)

Bachelor of Vocation (B. Voc.) Part II – Computerised Sketch and Arts

1. TITLE : B. Voc. Part II (Computerised Sketch and Arts) Syllabus (Semester Pattern)

2. YEAR OF IMPLEMENTATION : Syllabus will be implemented from Academic Year 2020-2021

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

i) In the 1st, 3rd and 5th semester of B. Voc. there will be internal assessment of practical record, related report submission and project reports.

ii) In the second semester of B. Voc. I there will be internal practical examination.

iii) 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 Semester 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)

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 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 – Annexure I)

8. STRUCTURE OF THE COURSE

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

Sr.No.	Paper No.	Title	Theory/Practical /Project	Marks	Theory	Practical
19.	XIX	Fundamentals of Financial Accounting I	Theory/ Practical	50	40	10
20	XX	Drawing and Painting I	Theory / Practical	50	40	10
21	XXI	Advertising Art I	Theory	50	50	-
22	XXII	Printing Technology I	Theory	50	50	-
23	XXIII	Calligraphy	Theory	50	50	-
24	XXIV	Laboratory Work PaperNo.XXI	Practical	50	-	50
25	XXV	Laboratory Work PaperNo.XXII	Practical	50	-	50
26	XXVI	Laboratory Work PaperNo.XXIII	Practical	50	-	50
27	XXVII	Project	Project	50	-	50

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

Sr.No.	Paper No.	Title	Theory/Practical /Project	Marks	Theory	Practical
28	XXVIII	Fundamentals of Financial Accounting II	Theory/ Practical	50	40	10
29	XXIX	Drawing and Painting II	Theory / Practical	50	40	10
30	XXX	Advertising Art II	Theory	50	50	-
31	XXXI	Printing Technology II	Theory	50	50	-
32	XXXII	Packaging	Theory	50	50	-
33	XXXIII	Laboratory Work PaperNo.XXX	Practical	50	-	50
34	XXXIV	Laboratory Work PaperNo.XXXI	Practical	50	-	50
35	XXXV	Laboratory Work PaperNo.XXXII	Practical	50	-	50
36	XXXVI	Industrial Visit/ Studt 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
19	XIX	Fundamentals of Financial Accounting I	4	2	6
20	XX	Drawing and Painting I	4	2	6
21	XXI	Advertising Art I	4	-	4
22	XXII	Printing Technology I	4	-	4
23	XXIII	Calligraphy	4	-	4
24	XXIV	Laboratory Work PaperNo.XXI	-	4	4
25	XXV	Laboratory Work PaperNo.XXII	-	4	4
26	XXVI	Laboratory Work PaperNo.XXIII	-	4	4
27	XXVII	Project	-	-	-
			20	16	36

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

Sr.No.	Paper No.	Title	Distribution of workload		
			Theory	Practical	Total
28	XIX	Fundamentals of Financial Accounting II	4	2	6
29	XX	Drawing and Painting II	4	2	6
30	XXI	Advertising Art II	4	-	4
31	XXII	Printing Technology II	4	-	4
32	XXIII	Packaging	4	-	4
33	XXIV	Laboratory Work PaperNo.XXX	-	4	4
34	XXV	Laboratory Work PaperNo.XXXI	-	4	4
35	XXVI	Laboratory Work PaperNo.XXXII	-	4	4
36	XXVII	Industrial Visit/ Study Tour	-	-	-
			20	16	36

Eligibility for Admission : 10 + 2 from any faculty or equivalent Diploma / Advanced Diploma in any related stream.

Eligibility for Faculty : B.Voc, M.voc, GD art, BFA, MFA

Eligibility for Lab Assistant : Graduation with related field

Staffing Pattern

Teaching : In the 1st year of B. Voc. – One Full Time one C. H. B. for Business Communication

Lab. Assistant : For 1st Year of B. Voc. – 1 C.H.B For 2nd and 3rd Year (Inclusive of 1st Year) of B. Voc. – 3 Full Time

Paper – XIX

FUNDAMENTALS OF FINANCIAL ACCOUNTING – 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.

OBJECTIVE :

To impart basic accounting knowledge as applicable to business.

COURSE CONTENT :

Unit I : Introduction to Accounting

Meaning, Nature and Advantages of Accounting, Branches of Accounting, Accounting Concepts and Conventions, Types of Accounts, Rules of journalizing, Source Documents – Cash Voucher, Petty Cash Voucher, Cash Memo – Receipts, Debit Notes, Credit Note, Paying Slips, Withdrawals, Cheque

Unit II : Journal and Ledger

Preparation of Journal entries and Ledger accounts – Subsidiary Books - Purchase Book, Purchase Return Book, Sales Book, Sales Return Book, Cash Book, Bills Receivable Book, Bills Payable Book, Journal Proper

Unit III: Depreciation

Meaning, Methods – Straight Line Method – Reducing Balance Method, Change in Depreciation Method.

Unit IV: Final Accounts

Preparation of Trial Balance, Preparation of Final Accounts of Sole Traders and partnership firms

PRACTICAL :

- 1) Preparation of Journal entries and Ledger accounts
- 2) Preparation of subsidiary books
- 3) Preparation of Trial Balance
- 4) Practical problems on Final Accounts of sole traders and partnership firms
- 5) Practical problems on methods of depreciation

Scheme of Internal Practical Evaluation

10 Marks

- 1) Submission of Record Book
- 2) Viva – Voce

5 Marks

5 Marks

REFERENCE BOOKS :

- 1) Advanced Accountancy – M.C. Shukla and T.S. Garewal.
- 2) Advanced Accountancy – S.C. Jain and K. L. Narang
- 3) Advanced Accountancy – S.M. Shukla.
- 4) Advanced Accountancy – S. N. Maheshwari.
- 5) Advanced Accountancy – R. L. Gupta.

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

Paper XX

Drawing / Painting - 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 : Memory and Imagination Drawing

Unit 2 : Object Painting

Unit 3:Perspective Drawing

Unit 4:Outdoor Study (sketching)

Practical :

Basic Painting knowledge of colour

Reference Books :

Sr. No	Title	Author	Publisher	Year of Edition
1	“The Story Of Art”	E.H.Gombrich	Phaidon Press	1995
2	“Concles Dictionary of Art terms”	Michael Clarke	Oxford University Press	2010

Bachelor of Vocation (B.Voc.) Part II – Sem I
Paper XXI
Advertising Art - I

Total Workload: 06 lectures per week of 60 mins.

Distribution of Workload:

Theory:04 lectures per week

Units Prescribed for Theory: 50 Marks.

Unit 1 :Understand introduction to advertising

Topics:

Defining advertising
Schematic history of advertising
Concepts of advertising

Unit 2 :Understand and Study main trends in advertising

Topics:

Strategy, Period, Focus and Themes
Rational vs. non-rational: Evolution of strategies
Strategy of repetition, use of text and patterns, typography and the creation of slogans.

Unit 3 :Understand Advertising and society

Topics:

Advertising business offers employment
Advertising promotes freedom of press
Advertising creates demand and consequently sales

Unit 4 :Study Ethics, regulation and social responsibilities taste and advertising

Topics:

Study Ethics, regulation and social responsibilities taste and advertising,
Stereotyping in advertising
Advertising to children
Advertising controversial products.

REFERENCE BOOKS :

Sr.No	Title	Author	Publisher	Edition
1	"Advertising Art and Idea",	Dr. G. M. Rege	Ashutosh Prakashan	1987
2	"Indian Advertising Laughter and tears",	Arun Chaudhuri	Niyogi Books	2014
3	"Advertising and IMC Principles and Practice",	Sandra Moriarty Nancy D. Michal William D. Wells	Pearson Education India	10th
4	"Advertising Promotion and Marketing Communication"	Kermeth Clow Donald Baack	Pearson Education India	6th
5	"Advertising Management",	JaishriJethwaney Shruti Jain	Oxford University Press India	2nd

Bachelor of Vocation (B.Voc.) Part II – Sem I
Paper XXII

Printing Technology - I

Total Workload: 06 lectures per week of 60 mins.

Distribution of Workload:

Theory:04 lectures per week

Units Prescribed for Theory: 50 Marks.

Unit 1 :To understand Meaning of Printing and use of printing technology

Topics:

History of printing

Types of letters

Printing press and industrial printing press

Unit 2 :To understand & study types of Type Setting

Topics:

Manual type setting

Hot metal type setting

Digital type setting

Unit 3 :To understand & study PAPER.

Topics:

History of paper

Making process of paper

Recycling of paper and types of paper

Unit 4 :Printing Process

Topics:

Screen printing

Offset printing

REFERENCE BOOKS :

Sr.No	Title	Author	Publisher	Edition
1	“The Complete Book on Printing Technology”,	NIIR Board	Asia Pacific Business Press Inc.	2003
2	“Modern Printing Technology”,	NIIR Board	National Institute of Industrial Research	1998
3	"The Gutenberg Galaxy”,	Marshall McLuhan	University of Toronto Press	1965
4	The All New Print Production	David Bann	Rotovision	2006
5	“Print Media”,	Helmut Kipphan	Springer	2001

Bachelor of Vocation (B.Voc.) Part II – Sem I
Paper XXIII
Calligraphy

Total Workload: 06 lectures per week of 60 mins.

Distribution of Workload:

Theory:04 lectures per week

Units Prescribed for Theory: 40 Marks.

Unit 1 :Understand basic of art in calligraphy

Topics:

studying elements,principles, proportion and balance.

Unit 2 :Understand and Study

Topics:

Art, symbolic expression, history and importance of calligraphy.
Practice the calligraphy in ink and colour with pen, bamboo and brush indifferent types like English, Sanskrit, and Devanagiri etc.

Unit 3 :Study Computer Graphics

Topics:

- (i) Graphic Design for Calligraphers
- (ii) Letters as Subject: Written, Drawn & Painted
- (iii) The Joy of Calligraphy: Developing a Personal Script

Unit 4 :Study Professional Calligraphy

Topics:

- (i) Lettering
- (ii) Logos
- (iii) Illustration
- (iv) Communication Design (Banners, Posters, Backdrops etc)
- (v) Illumination
- (vi) ICT in Graphic Design

REFERENCE BOOKS :

Sr.No	Title	Author	Publisher
1	"The world of Calligraphy",	Achyut Palav	Navneet Education (I) Ltd.
2	"Start Calligraphy",	John Gibbs	Goodwill Publishing House
3	"Copperplate Calligraphy",	Jockson Dick	Dover Publication Inc.
4	"Calligraphy Techniques"	Noble Mary	Annes Publishing
5	"Celtic hand stroke by stroke",	William Hogarth, Arthar Baker, Hogarth Baker	Dover Publication Inc.

Bachelor of Vocation (B.Voc.) Part II – Sem I
Paper XXIV
Laboratory Work Paper No.XXI

Total Marks : 50

Practical : 4 lectures / week/per

Batch :20 students

Practicals:

Basic Calligraphy

Different Calligraphy Strokes

Designing Skill Development

Advance Image Editing

Effects, Photoshop, Plugins

Image Mixing

Mug Design

Bag Design

Bachelor of Vocation (B.Voc.) Part II – Sem I
Paper XXV
Laboratory Work Paper No.XXII

Total Marks : 50

Practical : 4 lectures / week/per

Batch :20 students

Practicals:

Advertising Campaign

Packaging

Creative Packaging

Tag

File

Badge

Album Design

Manipulation

Bachelor of Vocation (B.Voc.) Part II – Sem I
Paper XXVI
Laboratory Work Paper No.XXIII

Total Marks : 50

Practical : 4 lectures / week/per

Batch :20 students

Practicals:

Mobile Van

Menu Card

Creative Menu Card

Content Aware

2D Dangler

3D Dangler

Hoarding

Creative Hoarding

Bachelor of Vocation (B.Voc.) Part II – Sem I
Paper XXVII
Project

Internal Practical evaluation 50 Marks

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

SEM – II

Bachelor of Vocation (B.Voc.) Part II – Sem II

Paper – XIX

FUNDAMENTALS OF FINANCIAL ACCOUNTING – II

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.

OBJECTIVES :

To impart basic accounting knowledge as applicable to business.

COURSE CONTENTS :

Unit I Computerized Accounting System

Introduction – Concept – Components –Features - Importance and Utilization of Computerized Accounting System.

Unit II Computer Application through Accounting Package Tally

Creation of Company, Group, Ledger Accounts, Feeding of Accounting Data Receipts, Payments, Purchase, Sale, Contra, Journal, Credit Note and Debit Note Inventory Information – Groups, Items and Valuation.
Generation of various Accounting Reports.

Unit III Accounts of Professionals

Preparation of Receipts and Payment Account – Income and Expenditure Account and Balance Sheets of Non Profit Organization.

Unit IV Single Entry System

Conversion of Single Entry System into Double Entry System.

PRACTICAL :

1. Understanding computerized accounting practices applied in different retail malls in and around Kolhapur city
2. Practical problems based on computerized accounting using Tally
3. Practical problems on preparation of Receipts and Payment Account
4. Preparation of Income and Expenditure account and Balance Sheet of Non-profit making organizations
5. Solving the problems on conversion of Single Entry system into Double entry system.
6. Oral / Seminar

REFERENCE BOOKS :

1. Advanced Accountancy, M. C. Shukla and T. S. Garewal.
2. Advanced Accountancy, S.C. Jain and K. L. Narang.
3. Advanced Accountancy, S.N. Maheshwari.
4. Theory and practice of Computer Accounting, RajanChougule and DhavalChougule.

WEB SITES :

- 1) www.nos.org
- 2) www.wiki.answers.com
- 3) Chow.com

Scheme of External Practical Examination

10 marks

- 1) Submission of Record book
- 2) Viva – Voce

5 marks

5 marks

Bachelor of Vocation (B.Voc.) Part II – Sem II
Paper XXIX

Drawing / Painting - II

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 : History Of Indian Painting

Unit 2 : Still Life Painting

Unit 3:Creative Composition

Unit 4:Outdoor Study (Landscape)

Practical :

Basic Painting.

Creative Painting

Presentation of Painting

Reference Books :

Sr. No	Title	Author	Publisher	Year of Edition
1	“Color & Light”	James Gurney	Andrews McMeel	2015
2	“The Principles of Light & Color”	Babbitt Edwin D.	Babbitt & Co	1878

Bachelor of Vocation (B.Voc.) Part II – Sem II
Paper XXX

Advertising Art - II

Total Workload: 06 lectures per week of 60 mins.

Distribution of Workload:

Theory:04 lectures per week

Units Prescribed for Theory:50 Marks.

Unit 1:Understand advertising and marketing

Topics:

marketing plan

Advertising role in marketing: Types of market

Approaching market, The marketing concept and relationship marketing

Channel of distribution, Pricing.

Unit 2 :Understand and Study Campaign planning objectives and basic principles

Topics:

Campaign objectives

Factors influencing the planning of advertising campaign,

The selling methods

Campaigning a new product

Layout design principles

Unit 3 :Understand and study Creative side of the advertising

Topics:

what is creative advertising

Creative leap,Creative concept

Strategy and creativity

Creativity and strategy in themessage design

Creative thinking

Unit 4 :Study Level aspects of advertising

Topics:

copyright, Trade mark, Consequences ofadvertising

Status of advertising agents – outdoor advertising

advertisements in newspapers and magazine, cinematography – radio and television advertising

REFERENCE BOOKS :

Sr.No	Title	Author	Publisher	Edition
1	“Advertising Art and Idea”,	Dr. G. M. Rege	Ashutosh Prakashan	1987
2	“Indian Advertising Laughter and tears”,	Arun Chaudhuri	Niyogi Books	2014
3	"Advertising and IMC Principles and Practice”,	Sandra Moriarty Nancy D. Michal William D. Wells	Pearson Education India	10th
4	"Advertising Promotion and Marketing Communication"	Kermeth Clow Donald Baack	Pearson Education India	6th
5	“Advertising Management”,	JaishriJethwaney Shruti Jain	Oxford University Press India	2nd

Bachelor of Vocation (B.Voc.) Part II – Sem II
Paper XXXI

Printing Technology - II

Total Workload: 06 lectures per week of 60 mins.

Distribution of Workload:

Theory:04 lectures per week

Units Prescribed for Theory:50 Marks.

Unit 1:Digital Printing Process

Topics:

To understand & study digital printing process and fine art inkjet printing process.

Unit 2 :Types of Binding

Topics:

To understand spiral binding, center pinning, loop center pinning, perfect binding and perfect sewing binding.

Unit 3 : Plates

Topics:

Positive to Plates
Computer to Plates (C.T.P)

Unit 4 : Coating

Topics:

To understand & study process of UV coating and types of UV coating.

REFERENCE BOOKS :

Sr.No	Title	Author	Publisher	Edition
1	"The Complete Book on Printing Technology",	NIIR Board	Asia Pacific Business Press Inc.	2003
2	"Modern Printing Technology",	NIIR Borad	National Institute of Industrial Research	1998
3	"The Gutenberg Galaxy",	Marshall McLuhan	University of Toronto Press	1965
4	The All New Print Production	David Bann	Rotovision	2006
5	"Print Media",	Helmut Kipphan	Springer	2001

Bachelor of Vocation (B.Voc.) Part II – Sem II
Paper XXXII
Packaging

Total Workload: 06 lectures per week of 60 mins.

Distribution of Workload:

Theory:04 lectures per week

Units Prescribed for Theory: 50 Marks.

Unit 1: Packaging and Labeling

Topics:

History
Ancient era
Modern era
 Tinning
 Canning

Unit 2 :Packaging

Topics:

Paper based packaging
Packaging for shipping

Unit 3 : Paper Packaging Methods

Topics:

Corrugated boxes
Boxboard cartons
Paper bags and sacks

Unit 4 : Major Types of Packaging

Topics:

Primary packaging
Secondary packaging
Tertiary packaging
Service packaging

REFERENCE BOOKS :

Sr.No	Title	Author	Publisher	Edition
1	“Packaging Design: Successful Product Branding From Concept to Shelf”.	Marianne R. Klimchuk, Sandra A. Krasovec	Wiley Bookseller	2nd Edition
2	“The Package Design Book”.	Julius Wiedemann	Pentawards	2012
3	"Food Packaging Design”.	Douglas Riccardi	Dhanalakshmi Publishers, Chennai	2015

Bachelor of Vocation (B.Voc.) Part II – Sem II
Paper XXXIII
Laboratory Work Paper No.XXX

Total Marks : 50

Practical : 4 lectures / week/per

Batch :20 students

Practicals:

Illustrator Advance

High Pass

Creative Calender

Social Campaign

Box Design

Creative Box

Product Editing

Prodot cutting

Bachelor of Vocation (B.Voc.) Part II – Sem II
Paper XXXIV
Laboratory Work Paper No.XXXI

Total Marks : 50

Practical : 4 lectures / week/per

Batch :20 students

Practicals:

Advertising Designing

Artwork Making

Clipping mask

Masking

Blending Text

Photo With Blending Text

Background Change

Background Editing

Bachelor of Vocation (B.Voc.) Part II – Sem II
Paper XXXV
Laboratory Work Paper No.XXXII

Total Marks : 50

Practical : 4 lectures / week/per

Batch :20 students

Practical :

Product Finishing

Potrait Finishing

Background change

Creative Album Design

Logo Design

Photo With Gradientmap effect

Colour Matching

Bokeh Effect

Landscape Photo Finishing

Bachelor of Vocation (B.Voc.) Part II – Sem II
Paper XXXVI
Industrial visit / Study Tour

Internal Practical evaluation 50 Marks

- iv) Submission of practical record book = 20 Marks
- v) Submission of visit report = 15 Marks
- vi) 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 less than three beads (ie. 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-1: 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 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)

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

2. Cumulative Grade Point Average (CGPA)

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