

SHIVAJI UNIVERSITY, KOLHAPUR



“A” Re accredited by NAAC
(2014) with CGPA 3.16

Faculty of Interdisciplinary Studies

**Structure, Scheme and Syllabus for
Bachelor of Vocation (B. Voc.)**

Hotel Management and Catering Technology

Part I- Sem. I & II

(Subject to the modifications that will be made from time to time)
Syllabus to be implemented from June, 2018 onwards.

Hotel Management and Catering Technology

TITLE : B.Voc. (Hotel Management and Catering Technology)
Syllabus (Semester Pattern)
Under Faculty of Interdisciplinary Studies

YEAR OF IMPLEMENTATION : Syllabus will be implemented from academic year 2018-2019

DURATION B. Voc. Part I, II and III (Three Years)
B. Voc. Part I - Diploma (One Year) NSQF Level 5
B. Voc. Part II - Advanced Diploma (Second Year) NSQF Level 6
B. Voc. Part III – Degree (Third Year) NSQF Level 7

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 at the end of semester.
ii) In the second semester of B. Voc. I, there will be internal practical examination at the end of semester.
iii) In the 4th and 6th semester of B. Voc. there will be external practical examination at the end of semester.

MEDIUM OF INSTRUCTION : English

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/Study Tour/ Survey/Industry Visit

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 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) –
 - Q. No. 1: Multiple choice questions (ten questions)
 - Q. No. 2: Long answer type questions (any two out of four)
 - Q. No. 3: Short Notes (any four out of six)

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 Semester I, II and III and V and external examination at the end of Semester IV and VI as mentioned separately in each paper.

Standard of Passing:

As per the guidelines and rules for B. Voc. (Attached Separately – Annexure I)

Structure of the Course

B. Voc. – I (Diploma) Semester – I

Sr. No	Paper No.	Title	Theory /Practical/Project	Marks (Total)	Distribution of Marks Theory Practical	
General Education Component :						
1	101	Business Communication – I	Theory /Practical	50	40	10
2	102	Fundamentals of Food Science – I	Theory/Practical	50	40	10
Skill Component:						
3	103	Food Production- I	Theory	50	50	--
4	104	Food and Beverage Service-I	Theory	50	50	--
5	105	Front office Operation-I	Theory	50	50	--
6	106	Laboratory Work : Food Production- I	Practical	50	--	50
7	107	Laboratory Work: Food and Beverage Service-I	Practical	50	--	50
8	108	Laboratory Work : Front office Operation-I	Practical	50	--	50
9	109	Project	-	50	--	50

B. Voc. – I (Diploma) Semester – II

Sr. No.	Paper No.	Title	Theory /Practical /Project	Marks (Total)	Distribution of Marks	
					Theor y	Practical
General Education Component :						
1	201	Business Communication - II	Theory /Practical	50	40	10
2	202	Fundamentals of Food Science - II	Theory /Practical	50	40	10
Skill Component:						
3	203	Food Production- II	Theory	50	50	--
4	204	Food and Beverage Service-II	Theory	50	50	--
5	205	Housekeeping Operation-I	Theory	50	50	--
6	206	Laboratory Work : Food Production- II	Practical	50	--	50
7	207	Laboratory Work: Food and Beverage Service-II	Practical	50	--	50
8	208	Laboratory Work: Housekeeping Operation-I	Practical	50	--	50
9	209	Industrial Visit/Study Tour	-	50	--	50

Scheme of Teaching : B. Voc. – Part I (Diploma) Semester – I

Sr. No.	Paper No.	Title	Distribution of Workload (Per Week)		
			Theory	Practical	Total
1	101	Business Communication - I	4	2	6
2	102	Fundamentals of Food Science - I	4	2	6
3	103	Food Production- I	4	-	4
4	104	Food and Beverage Service-I	4	-	4
5	105	Front office Operation-I	4	-	4
6	106	Laboratory Work: Food Production- I	-	4	4
7	107	Laboratory Work: Food and Beverage Service-I	-	4	4
8	108	Laboratory Work: Front office Operation-I	-	4	4
9	109	Project	-	-	-
		Total --	20	16	36

Scheme of Teaching : B. Voc. – Part I (Diploma) Semester – II

Sr. No.	Paper No.	Title	Distribution of Workload (Per Week)		
			Theory	Practical	Total
1	201	Business Communication - II	4	2	6
2	202	Fundamentals of Food Science - II	4	2	6
3	203	Food Production- II	4	-	4
4	204	Food and Beverage Service-II	4	-	4
5	205	Housekeeping Operation-I	4	-	4
6	206	Laboratory Work: Food Production- II	-	4	4
7	207	Laboratory Work: Food and Beverage Service-II	-	4	4
8	208	Laboratory Work: Housekeeping Operation-I	-	4	4
9	209	Industrial Visit/Study Tour	-	-	-
		Total-	20	16	36

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

Sr. No	Paper No.	Title	Theory /Practical /Project	Marks (Total)	Distribution of Marks	
					Theory	Practical
General Education Component :						
1	301	Computer Fundamentals	Theory /Practical	50	40	10
2	302	Soft Skills & Personality Development	Theory /Practical	50	40	10
Skill Component:						
3	303	Food Production - III	Theory	50	50	--
4	304	Food & Beverage Service - III	Theory	50	50	--
5	305	Front Office Operation – II	Theory	50	50	--
6	306	Laboratory work : Food Production – III	Practical	50	--	50
7	307	Laboratory Work: Food & Beverage Service - III	Practical	50	--	50
8	308	Laboratory Work: Front Office Operation- II	Practical	50	--	50
9	309	Project	-	50	--	50

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

Sr. No.	Paper No.	Title	Theory /Practical/Project	Marks (Total)	Distribution of Marks	
					Theory	Practical
General Education Component :						
1	401	Customer Relationship Management	Theory /Practical	50	40	10
2	402	Environmental Studies	Theory/Practical	50	40	10
Skill Component:						
3	403	Food Production –IV	Theory	50	50	--
4	404	Food & Beverage Service -IV	Theory	50	50	--
5	405	House Keeping Operation – II	Theory	50	50	--
6	406	Laboratory Work : Food Production –IV	Practical	50	--	50
7	407	Laboratory Work: Food & Beverage Service -IV	Practical	50	--	50
8	408	Laboratory Work : House Keeping Operation – II	Practical	50	--	50
9	409	Industrial Visit/Study Tour	-	50	--	50

Scheme of Teaching : B. Voc. – Part II (Advanced Diploma) Semester – III

Sr. No.	Paper No.	Title	Distribution of Workload (Per Week)		
			Theory	Practical	Total
1	301	Computer Fundamentals	4	2	6
2	302	Soft Skills & Personality Development	4	2	6
3	303	Food Production - III	4	-	4
4	304	Food & Beverage Service - III	4	-	4
5	305	Front Office Operation – II	4	-	4
6	306	Laboratory work : Food Production III	-	4	4
7	307	Laboratory Work: Food & Beverage Service - III	-	4	4
8	308	Laboratory Work: Front Office Operation- II	-	4	4
9	309	Project	-	-	-
		Total --	20	16	36

Scheme of Teaching: B. Voc. – Part II (Advanced Diploma) Semester – IV

Sr. No.	Paper No.	Title	Distribution of Workload		
			(Per Week)		
			Theory	Practical	Total
1	401	Customer Relationship Management	4	2	6
2	402	Environmental Studies	4	2	6
3	403	Food Production -IV	4	-	4
4	404	Food & Beverage Service -IV	4	-	4
5	405	House Keeping Operation - II	4	-	4
6	406	Laboratory Work : Food Production -IV	-	4	4
7	407	Laboratory Work: Food & Beverage Service -IV	-	4	4
8	408	Laboratory Work : House Keeping Operation - II	-	4	4
9	409	Industrial Visit/Study Tour	-	-	-
		Total-	20	16	36

B. Voc. – III (Degree) Semester – V

Sr. No	Paper No.	Title	Theory /Practical /Project	Marks (Total)	Distribution of Marks Theory Practical	
General Education Component :						
1	501	Principles of Management	Theory /Practical	50	40	10
2	502	Organizational Behavior	Theory /Practical	50	40	10
Skill Component:						
3	503	Catering Science	Theory	50	50	--
4	504	Advance Food Production	Theory	50	50	--
5	505	Advance Food and Beverage Service	Theory	50	50	--
6	506	Laboratory Work Advance food production	Practical	50	--	50
7	507	Laboratory Work Advance Food and Beverage Service	Practical	50	--	50
8	508	Internship / Industrial Training	-	100	--	100

B. Voc. – III (Degree) Semester – VI

Sr. No.	Paper No.	Title	Theory /Practical /Project	Marks (Total)	Distribution of Marks	
					Theory	Practical
General Education Component :						
1	601	Event Management	Theory /Practical	50	40	10
2	602	Human Resource Management	Theory /Practical	50	40	10
Skill Component:						
3	603	Travel & Tourism	Theory	50	50	--
4	604	Hotel Accountancy	Theory	50	50	--
5	605	Hospitality Marketing	Theory	50	50	--
6	606	Laboratory Work Travel & Tourism	Practical	50	--	50
7	607	Laboratory Work Hotel accountancy	Practical	50	--	50
8	608	Industrial Training & Report	-	100	--	100

Scheme of Teaching : B. Voc. – Part III (Degree) Semester – V

Sr. No.	Paper No.	Title	Distribution of Workload (Per Week)		
			Theory	Practical	Total
1	501	Principles of Management	4	2	6
2	502	Organizational Behavior	4	2	6
3	503	Catering Science	4	-	4
4	504	Advance Food Production	4	-	4
5	505	Advance Food and Beverage Service	4	-	4
6	506	Laboratory Work : Advance Food production	-	4	4
7	507	Laboratory Work : Advance Food and Beverage Service	-	4	4
8	508	Internship / Industrial Training	-	4	4
		Total --	20	16	36

Scheme of Teaching

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

Sr. No.	Paper No.	Title	Distribution of Workload (Per Week)		
			Theory	Practical	Total
1	601	Event Management	4	2	6
2	602	Human Resource Management	4	2	6
3	603	Travel & Tourism	4	-	4
4	604	Hotel Accountancy	4	-	4
5	605	Hospitality Marketing	4	-	4
6	606	Laboratory Work: Travel & Tourism	-	4	4
7	607	Laboratory Work : Hotel Accountancy	-	4	4
8	608	Industrial Training & Report	-	4	4
		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) M.Sc. in Hotel and Tourism Management / Hotel Management and Catering Technology with SET/NET/Ph.D. or 05 years of experience in the relevant field or B.Sc. in Hotel and Tourism Management / Hotel Management and Catering Technology /Hospitality and Tourism Studies with 10 years of experience in the relevant field
- 2) M.A. (English) with SET/NET/Ph.D. for Business Communication
- 3) M.Com./MBA/MCA with SET/NET/Ph.D. for Principles of Management, Computer Fundamentals, Organizational Behavior

Eligibility for Laboratory Assistant:

B.Sc. in Hotel and Tourism Management / Hotel Management and Catering Technology/ Hospitality and Tourism Studies or Diploma in the relevant field

Staffing Pattern:

- a) In 1st Year of B. Voc. - 1 Full Time and 1 Part Time Assistant Professor for Hotel Management and Catering Technology and 1 CHB Assistant Professor for Business Communication
- b) In 2nd Year of B. Voc. – Total requirement of faculty (Inclusive of 1st Year) will be 2 Full time for Hotel Management and Catering Technology and CHB Assistant Professors for Computer Fundamental/Customer Relationship Management/ Environmental Studies
- c) In 3rd Year of B. Voc. – Total requirement of faculty (Inclusive of 1st and 2nd Year) will be 3 Full time for Hotel Management and Catering Technology and CHB Assistant Professors for Principles of Management, Organizational Behavior, HRM

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

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

CREDIT SYSTEM

FOR B. Voc. – Hotel Management and Catering Technology

Credit system:

Education at the Institute is organized around the semester-based credit system of study. The type of credit will be credit by theory and practical examination. The prominent features of the credit system are a process of continuous evaluation of a student's performance/progress and flexibility to allow a student to progress at an optimum pace suited to his/her ability or convenience, subject to fulfilling minimum requirements for continuation. A student's performance/progress is measured by the number of credits that he/she has earned, i.e. completed satisfactorily. Based on the course credits and grades obtained by the student, grade point average is calculated. A minimum grade point average is required to be maintained for satisfactory progress and continuation in the programme. Also a minimum number of earned credits and a minimum grade point average should be acquired in order to qualify for the degree.

All programmes are defined by the total credit requirement and a pattern of credit distribution over courses of different categories.

Course credits assignment:

Each course has a certain number of credits assigned to it depending upon its lectures and laboratory contact hours in a week. This weightage is also indicative of the academic expectation that includes in-class contact and self-study outside of class hours.

- a. One credit would mean equivalent to 15 periods for lectures, practicals/workshop.
- b. For internship/ field work, the credit weightage for equivalent hours shall be equal of that for lecture / practical.

The credits for each of the year of B. Voc. Course will be as follows:

Level	Awards	Normal calendar duration	Skill Component Credits	General Education Credits
Year 1	Diploma	Two Semesters	36	24
Year 2	Advanced Diploma	Four Semesters	36	24
Year 3	B. Voc.	Six Semesters	36	24
Total			108	72

Subject wise credit assignment for B. Voc. – Part II (Diploma) Semester – I

Sr No	Paper No.	Title	Theory/ Practical/ Project	Marks (Total)	Distribution of Marks		Credits	
					Theory	Practical	Theory	Practical
1	101	Business Communication – I	Theory /Practical	50	40	10	3	2
2	102	Fundamentals of Food Science – I	Theory /Practical	50	40	10	3	2
3	103	Food Production- I	Theory	50	50	--	3	--
4	104	Food and Beverage Service-I	Theory	50	50	--	3	--
5	105	Front office Operation-I	Theory	50	50	--	3	--
6	106	Laboratory Work : Food Production- I	Practical	50	--	50	--	3
7	107	Laboratory Work: Food and Beverage Service-I	Practical	50	--	50	--	3
8	108	Laboratory Work : Front office Operation-I	Practical	50	--	50	--	3
9	109	Project	--	50	--	50	--	2

Subject wise credit assignment for B. Voc. – Part I (Diploma) Semester – II

Sr No	Paper No.	Title	Theory/ Practical/ Project	Marks (Total)	Distribution of Marks		Credits	
					Theory	Practical	Theory	Practical
1	201	Business Communication-II	Theory /Practical	50	40	10	3	2
2	202	Fundamentals of Food Science - II	Theory /Practical	50	40	10	3	2
3	203	Food Production- II	Theory	50	50	--	3	--
4	204	Food and Beverage Service-II	Theory	50	50	--	3	--
5	205	Housekeeping Operation-I	Theory	50	50	--	3	--
6	206	Laboratory Work : Food Production- II	Practical	50	--	50	--	3
7	207	Laboratory Work: Food and Beverage Service-II	Practical	50	--	50	--	3
8	208	Laboratory Work: Housekeeping Operation-I	Practical	50	--	50	--	3
9	209	Industrial Visit/Study Tour	--	50	--	50	--	2

**For Project/Industrial visit /study tour /internship, the workload includes self-study outside of class hours i.e.4 lectures per week.*

Evaluation system:

1. Standard of passing

The maximum credits for B. Voc. Hotel Management and Catering Technology semester course (of six semesters) will be $30 \times 6 = 180$ credits.

To pass in each paper students are required to obtain 4 grade points in each paper, it means 18 to 20 Marks for 50 Marks Theory / Practical papers, 14.08 to 16 for 40 Marks Theory papers and 04 marks for 10 Marks Practical papers.

2. Assessment of Project / Industrial visit /study tour /Internship Report

- i) The Project/Industrial visit/study tour/Internship report must be submitted by the prescribed date usually two weeks before the end of academic session of the semester.
- ii) It is desirable that the topics for Project/Industrial visit/study tour/Internship report shall be assigned by the end of previous semester.
- iii) The Project/Industrial visit/study tour/Internship report and its presentation shall be evaluated by the coordinator of the course and concerned faculty.

3. Grade point for Theory/Practical/ Project / Industrial visit /study tour /Internship Report

• Table –I: for 50 Marks Theory or Practical

Grade Point	Marks out of	Marks obtained	Grade	Description of performance
0	50	0.0 to 2.5	D	Unsatisfactory
1	50	2.6 to 5.0		
1.5	50	5.1 to 7.5		
2	50	7.6 to 10.0		
2.5	50	10.1 to 12.5		
3	50	12.6 to 15.0		
3.5	50	15.1 to 17.5		
4	50	17.6 to 20.0		
4.5	50	20.1 to 22.5	C	Fair
5	50	22.6 to 25.0	B	Satisfactory
5.5	50	25.1 to 27.5		
6	50	27.6 to 30.0	B+	Good
6.5	50	30.1 to 32.5		
7	50	32.6 to 35.0	A	Very Good
7.5	50	35.1 to 37.5		
8	50	37.6 to 40.0	+	Excellent
8.5	50	40.1 to 42.5		
9	50	42.6 to 45.0	O	Outstanding
9.5	50	45.1 to 47.5		
10	50	47.6 to 50.0		

• **Table No-II: for 40 Marks Theory and for 10 Marks Practical**

Grade Point	Marks out of	Marks obtained	Grade	Description of performance
0.00	40	0.0 to 2.0	D	Unsatisfactory
1	40	2.08 to 4.0		
1.5	40	4.08 to 6.0		
2	40	6.08 to 8.0		
2.5	40	8.08 to 10.0		
3	40	10.08 to 12.0		
3.5	40	12.08 to 14.0		
4	40	14.08 to 16.0		
4.5	40	16.08 to 18.0	C	Fair
5	40	18.08 to 20.0	B	Satisfactory
5.5	40	20.08 to 22.0		
6	40	22.08 to 24.0	B ⁺	Good
6.5	40	24.08 to 26.0		
7	40	26.08 to 28.0	A	Very Good
7.5	40	28.08 to 30.0		
8	40	30.08 to 32.0	A ⁺	Excellent
8.5	40	32.08 to 34.0		
9	40	34.08 to 36.0	O	Outstanding
9.5	40	36.08 to 38.0		
10	40	38.08 to 40.0		
Grade Point	Marks out of	Marks obtained	Grade	Description of performance
0.00	10	0.0 to 0.5	D	Unsatisfactory
1	10	0.52 to 1.0		
1.5	10	1.02 to 1.5		
2	10	1.52 to 2.0		
2.5	10	2.02 to 2.5		
3	10	2.52 to 3.0		
3.5	10	3.02 to 3.5		
4	10	3.52 to 4.0		
4.5	10	4.02 to 4.5	C	Fair
5	10	4.52 to 5.0	B	Satisfactory
5.5	10	5.02 to 5.5		
6	10	5.52 to 6.0	B ⁺	Good
6.5	10	6.02 to 6.5		
7	10	6.52 to 7.0	A	Very Good
7.5	10	7.02 to 7.5		
8	10	7.52 to 8.0	A ⁺	Excellent
8.5	10	8.02 to 8.5		
9	10	8.52 to 9.0	O	Outstanding
9.5	10	9.02 to 9.5		
10	10	9.52 to 10.0		

Calculation of SGPA and CGPA-

1. Semester Grade Point Average (SGPA) = $\frac{\Sigma (\text{course credits in passed courses X earned grade points})}{\Sigma (\text{Course credits in registered courses})}$

2. Cumulative Grade Point Average = $\frac{\Sigma (\text{course credits in passed courses X earned grade points}) \text{ of all Semesters}}{\Sigma (\text{Course credits in registered courses}) \text{ of all Semesters}}$
(CGPA)

3. At the end of each year of B. Voc. Program, student will be placed in any one of the divisions as detailed below:

SGPA and CGPA Table

Grade Point	Grade	Description of performance
0.00 to 3.49	D	Unsatisfactory
3.5to 4.49	C	Fair
4.5 to 5.49	B	Satisfactory
5.5 to 5.99	B ⁺	Good
6.0 to 6.99	A	Very Good
7.0 to 8.49	A ⁺	Excellent
8.5 to10.00	O	Outstanding

- Ist Class with distinction: CGPA > 7.0 and above
- Ist Class: CGPA > 6.0 and < 7.0
- IInd Class: CGPA > 5.0 and < 6.0
- Pass Class: CGPA > 4.0 and < 5.0
- Fail: CGPA < 4.0

Shivaji University, Kolhapur
B.Voc. Part I
Semester I - Paper – 101
Hotel Management and Catering Technology
Business Communication- I

Work Load - 6 Lectures / Week, 1 Lecture = 60 minutes

Theory – 4 Lectures / Week

Practical – 2 Lectures/Week/Batch of 20 student

Total Marks – 50

Theory - 40 Marks

Practical – 10 Marks

Units Prescribed for Theory:

Unit 1: Use of English in Business Environment

- 1 Business Vocabulary: Vocabulary for banking, marketing and for maintaining public relations
- 2 What is a sentence?
- 3 Elements of a sentence
- 4 Types of sentence: Simple, compound, complex

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

- 1 Structure of a letter of application for various posts
- 2 CV/ Resume and its essentials

Unit 3: Presenting Information/Data

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

Unit 4: Interview Technique

- 1 Dos and don'ts of an interview
- 2 Preparing for an interview
- 3 Presenting documents
- 4 Language used in an interview

Practical: Based on the theory units

10 Marks.

Reference Books:

1. Sethi, Anjane & Bhavana Adhikari. *Business Communication*. New Delhi: Tata McGraw Hill
2. Tickoo, Champa & Jaya Sasikumar. *Writing with a Purpose*. New York: OUP, 1979.
3. Sonie, Subhash C. *Mastering the Art of Effective Business Communication*. New Delhi: Student Aid Publication, 2008.
4. Herekar, Praksh. *Business Communication*. Pune: Mehta Publications, 2007.
5. Herekar, Praksh. *Principals of Business Communication*. Pune: Mehta Publications, 2003.
6. Rai, Urmila & S. M. Rai. *Business Communication*. Himalaya Publishing House, 2007.
7. Pradhan, N. S. *Business Communication*. Mumbai: Himalaya Publishing House, 2005.
8. Pardeshi, P. C. *Managerial Communication*. Pune: Nirali Prakashan, 2008.

Pattern of Question Paper
B. Voc. Part-I
Semester –I, Business Communication-I
Paper: I

Time: 2 hours

Total Marks: 40

- | | | |
|------|--|----|
| 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:

10Marks

Oral and Presentation based on the units prescribed.

B.Voc. Part-I
Semester I - Paper – 102
Fundamentals of Food Science - I

Work Load - 6

Theory – 4 Lectures / Week

Practical – 2 Lectures/Week/Batch

Total Marks – 50

Theory - 40 Marks

Practical – 10 Marks

Objectives:

To enable students to –

1. Understand the basic concept, functions, and classification of food.
2. Familiar with different methods of cooking.

Course content :

Unit - I - Introduction to Food Science

- Concept of food, food science
- Objectives of food science
- Functions of food

Unit – II - Classification of Food

- According to food science
- Basic five food groups
- Selection of food

Unit – III - Methods of Cooking

- Traditional cooking methods
- Modern cooking methods
- Objectives and importance of cooking

Unit – IV - Food Preparation and Storage

- Basic terms used in food preparation
- Pre-preparation for cooking
- Storage of raw and cooked food

Practicals :

1. Introduction to laboratory rules.
2. Equipments used in cooking
3. Terms used in cooking.
4. Weights and Measures of raw and cooked food.

Methods of cooking -

- 1) Traditional methods – Preparation of any two recipes from the following:

a) Boiling b) Roasting c) Frying d) Steaming

2) Modern methods - Preparation of any two recipes from the following:

- a) Baking b) Solar c) Microwave d) Combination

Reference Books :

- 1) B. Shreelakshmi : ``Food Science'' (second edition), New Age International, New Delhi.
- 2) Swaminathan : ``Text book of Food Science'', Vol-1, BAPPCO, Bangalore
- 3) Devendrakumar Bhatt & Priyanka Tomar : An Introduction to Food Science, Technology & Quality Management, Kalyani Publishers.
- 4) Sumati R. Mudambi : Fundamentals of Food & Nutrition wiley Eastern Ltd., New Delhi.

Scheme of Internal Practical Evaluation

10marks

- | | |
|------------------------------|---------|
| 1) Submission of Record book | 5 marks |
| 2) Viva – Voce | 5 marks |

B. Voc. Part - I
Semester I - Paper – 103
Food Production I

Work Load - 4
Theory – 4 Lectures / Week

Total Marks – 50

Objective:

To enable student

1. To acquire knowledge of food production
2. To know the principle of food production

Course content:

Unit I Introduction To Professional Cookery

- 1 History of Cookery
- 2 Origins of Modern Cookery
- 3 hygiene and safe practices in handling food
- 4 Attitude & Behavior in the Kitchen
- 5 Kitchen uniforms
- 6 Safety Procedure for Handling Equipments

Unit II Kitchen Staffing

- 1 Classical kitchen Brigade for a 5 stars and 3 stars hotels
- 2 Kitchen Staffing in Various Category Hotels
- 3 Duties & Responsibilities of Executive Chef and Various Chefs
- 4 Inter-departmental Co-ordination.

Unit III Kitchen Hand Tools

- 1 Tools & utensils used in the Kitchen.
- 2 Different Types of Fuel used in Kitchen
- 3 Precaution and care in handling and maintenance of equipments

Unit IV Aims & Objectives of Cooking Food

- 1 Aims and objective of Cooking Food.
- 2 Classification of Raw Materials according to their Functions.
- 3 Various Textures.

Unit V Spices, Herbs & Condiments

- 1 Role of Spices / Herbs in India.

2 Local names of spices.

Reference Books:

1. Practical Cookery- Victor Ceserani & Ronald Kinton, ELBS
2. Theory of Catering- Victor Ceserani & Ronald Kinton, ELBS
3. Theory of Catering- Mrs. K. Arora, Franck Brothers
4. Modern Cookery for Teaching & Trade Vol I -Ms. Thangam Philip, Orient Longman.
5. The Professional Chef (4th Edition)-Le R01 A. Polsom
6. The book of Ingredients- Jane Grigson
7. Food Commodities-Bernard Davis.

B.Voc. Part - I
Semester I - Paper – 104
Food and Beverage Service I

Work Load - 4
Theory – 4 Lectures / Week

Total Marks – 50

Objective

To enable student to develop skill in food and beverage service.

Course content:

- | | |
|-----------------|--|
| Unit I | The Food & Beverage Service Industry |
| 1 | Introduction to the Food & Beverage Industry |
| 2 | Classification of Catering Establishments (Commercial & Non-Commercial) |
| 3 | Introduction to Food & Beverage Operations (Types of F&B Outlets) |
| Unit II | Food & Beverage Service areas in a Hotel |
| 1 | Restaurant, Coffee Shop, Room Service, Bars, Banquets, Snack Bar, Executive Lounges, Business Centers, Discotheques & Night Clubs. |
| 2 | Auxiliary areas |
| Unit III | Food & Beverage Service Equipment |
| 1 | Types & Usage of Equipments Furniture, Chinaware, Silverware & Glassware, Linen, Disposables, |
| 2 | Special Equipment |
| 3 | Care & maintenance |
| Unit IV | Food & Beverage Service Personnel |

1. Food & Beverage Service Organization St Job Descriptions & Job specifications & Beverage

2. Attitudes & Attributes of Food personnel, competencies.
3. Basic Etiquettes .
4. Interdepartmental relationship

Unit VI Types of Food & Beverage Service

- 1 Table Service -English / Sliver, American, French, Russian .
- 2 Self Service Buffet & Cafeteria
- 3 Specialized Service Gueridon, Tray, Tray, Lounge, Room etc.
- 4 Single Point Service -Take Away, Vending Kiosks, Food Courts & Bars, Automats
- 5 Mis-en-place & Mis-en-scene

Reference Books:

1. Food & Beverage Service - Lillicrap & Cousins, ELBSModern
2. Restaurant Service -John Fuller, HutchinsonFood & Beverage Service
3. Training Manual - Sudhir Andrews, Tata McGraw Hill.

**B.Voc. Part- I
Semester I - Paper – 105**

Front Office Operation-I

Work Load - 4 Total Marks – 50 Theory – 4 Lectures / Week

Objective

To enable student to develop skill in front office.

Unit I Introduction to Front Office Department

The term ‘Hotel‘, Introduction To Hospitality Industry evolution & development of hospitality industry and tourism, famous hotels worldwide

Classification of hotels. (based On various categories like size) location, clientele, length of stay, facilities, .

Organizational chart of hotels (Large, Medium, Small)

Unit II Front Office Department

- 1 Sections and layout of Front Office
- 2 Organizational chart of front office department (small, medium and large hotels)
- 3 Duties and responsibilities of various staff

5 Co-ordination of front office With other departments of the hotel

6 Equipments used (Manual and Automated)

Unit III Room Types & Tariffs

1 Types of rooms.

2 Food / Meal plans.

3 Types of room rates . (Rack, FIT, crew, group, corporate, weekend etc.)

Unit IV Role of Front Office

1 Key control and key handling procedures Mail and message handling

2 Mail and message handling

3 Paging and luggage handling

4 Rules of the house [for guest and staff]

5 Black list Bell Desk and Concierge

6 Bell Desk and Concierge

Unit V Reservation

1 Importance of guest cycle (Various stages, sectional staff in contact during each stage)

2 Modes and sources of reservation

3 Procedure for taking reservations (Reservation form, conventional chart, density chart, booking diary with their detailed working and formats)

4 computerized system (CRS, Instant reservations)

5 Types of reservation (guaranteed, confirmed, groups, FIT)

6 Procedure for amendments, cancellation and overbooking.

Reference Books:

1. Check in Checkout (Jerome Vallen)

2. Hotel front Office Training Manual. (Sudhir Andrews)

3. Principles of Hotel Front Office Operations (Sue Baker, P. Bradley, J. Huyton)

4. Hotel Front Office (Bruce Braham)

5. Managing Front Office Operations (Michael Kasavana, Charles Steadmon)

6. Front Office Procedures and Management (Peter Abbott)

7. Front Office operations/Accommodations Operations (Colin Dix)

8. Front Office operation and Administration (Dennis Foster)

B.Voc. Part - I
Semester II- Paper – 201
Business Communication-II

Work Load - 6

Theory – 4 Lectures / Week

Practical – 2 Lectures/Week/Batch

Total Marks – 50

Theory - 40 Marks

Practical – 10 Marks

Units Prescribed for Theory:

Unit I Group Discussion

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

Unit II Business Correspondence

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

Unit III English for Negotiation

- 1 Business Negotiations
- 2 Agenda for Negotiation
 Stages of Negotiation

Unit IV English for Marketing

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

Practical: Based On the theory units

Reference Books:

1. Herekar, Praksh. Business Communication. Pune: Mehta publications, 2007
2. Herekar, Praksh. principals of Business Communication. Pune : Mehta Publications, 2003
3. John David. Group Discussions. New Dellhi: Arihant Publications.
4. Kumar, Varinder. Business Communication. New Delhi: Kalyani Pubhshers, 2000
5. Pardeshl, P. C. Managerial Communication pune: Nirali Prakashan, 2008.
6. Pradhan, N, S Business Communication. Mumbai: Himalaya Publishing House, 2005
7. Rai, Urmila & S.M. Rai. Business Communication. Mumbai: Himalaya Publishing House, 2007

Pattern of Question Paper
B. Voc. Part - I
Business Communication-II
Semester-II

Time : 2 hours

Total Marks: 40

- Q. 1 Fill in the blanks in the following Group Discussion. (On Unit 5) (10 out 12) 10
- Q. 2 Attempt **ANY ONE** of the following (A or B): (On Unit 6) 10
- Q.3 Fill in the blanks with appropriate responses: (On Unit 7) 10
- Q. 4 Attempt **ANY ONE** of the following (A or B): 10 (On Unit 8) (10 out 12) 10

Practical Evaluation:

Marks 10

Oral and Presentation based on the units prescribed.

B.Voc. Part - I
Semester II - Paper – 202
Fundamentals of Food Science - II

Work Load - 6

Theory – 4 Lectures / Week

Practical – 2 Lectures/Week/Batch

Total Marks – 50

Theory - 40 Marks

Practical – 10 Marks

Objectives:

To enable students –

1. To understand the basic concept of various cookery
2. To become familiar with preparation of various cookery

Course Content:

Unit I - Cereal cookery

- 1 Structure, composition and importance of cereal grains
- 2 Types of cereals used in cooking
- 3 Cereal cookery Gelatinization. Dextrinization and identity of grain
- 4 Processed cereals, millets and Ready-To Eat cereals used in cooking

Unit II- Pulse and Legume Cookery

- 1 Definition. composition and structure of pulses
- 2 Cooking of Legumes
- 3 Factors Affecting cooking time of pulses and legumes
- 4 Uses of legumes in cookery

Unit III- Nuts and Oil seeds Cookery

- 1 Types and composition of Nuts and Oil seeds
- 2 Toxic substances in Nuts and Oil seeds
- 3 Changes during cooking and storage
- 4 Function of Nuts and Oil seeds in cookery

Unit IV- Fruits and Vegetables Cookery

- 1 Classification of Fruits and vegetables
- 2 Color pigments in Fruits and vegetables
- 3 Effect of heat, acid and alkali on fruits and vegetable
- 4 Changes during cooking and storage

Practicals:

1. Preparation of product by milled pulses.
2. Preparation of product by nuts and oilseeds
3. Preparation of product by green leafy vegetable.
4. Preparation of product by roots and tuber.
5. Preparation of product by fruits.

References:

1. B. Shreelaksmi : "Food Science" (second edition). New Age international, New Delhi.
2. Swaminathan : "Text book of Food Science", Vol-1, BAPPCO, Bangalore
3. Devendrakumar Bhatt & Priyanka Tomar : An introduction to Food Science. Technology & Quality Management, Kalyani Publishers.
4. Sumati R. Mudambi : Fundamentals of Food & Nutrition wiley Eastern Ltd., New Delhi.
5. Philips T E. Modern Cooking for teaching and trade, Volit orient longman, Bombay

Scheme of Internal Practical Evaluation**10 marks**

1. Product preparation by Germinated pulses/milled pulses/nuts and oilseeds/ green leafy vegetable/roots and tuber/fruits 6 Marks
2. Submission of Record book 4 Marks

B.Voc. Part- I
Semester II - Paper – 203
Food Production- II

Work Load - 4
Theory – 4 Lectures / Week

Total Marks – 50

Objective:

To enable student

1. To acquire knowledge of food production
2. To know the principle of food production

Unit I Stocks

- 1 Definition & uses of stocks
- 2 Classification
- 3 Rules of stock making table
- 4 Recipes of 1 liter of various stocks (White, brown. fish and vegetable)
- 5 Glazes & Aspic
- 6 Storage Care

Unit II Sauces

- 1 Classification & uses of sauces
- 2 Composition
- 3 Thickening agents
- 4 Recipes of mother sauces .
- 5 Finishing of sauces (reducing, straining, de glazing, enriching and seasoning)
- 6 Precautions & rectification, handling & storage
- 7 Derivatives (five each)
- 8 Pan gravies
- 9 Flavored butters

Unit III Soups

- 1 Aim of soup making
- 2 Classification of soups Cream, Puree, Veloute, Chowder , Consommé, National soups

Unit IV Basic Masalas & Gravies used in Indian Cooking

- 1 Blending of spices and concept of masala
- 2 Composition of different masala used in Indian Cooking (wet & dry)

- 3 Proprietary masala blends
- 4 Preparation of different masalas- Basic Garam Masala, Madras Curry Powder, Sambar Masala, Chat Masala, Goda Masala, Kolhapuri Masala, Vindaloo Masala
- 5 Popular Gravies used in Indian Cooking -White, Brown, Tomato, Green, Moghlai

Unit V Accompaniments & Garnishes

1. Importance & Characteristics
2. Difference between Accompaniments & Garnishes

Reference Books

1. Practical Cookery -Victor Ceserani & Ronald Kinton, ELBS
2. Theory of Catering- Victor Ceserani& Ronald Kinton, ELBS
3. Theory of Catering-Mrs. K. Arora, Franck Brothers
4. Modern Cookery for Teaching & Trade Vol I - MsThangam Philip, Onent Longman.
5. The Professional Chef (4th Edition)-Le Rol A. Polsom
6. The book of Ingredients- Jane Grigson
7. Success in Principles of catering Michael Colleer & Colin Saussarns

**B.Voc. Part- I
Semester II - Paper – 204
Food and Beverage Service- II**

Work Load - 6

Total Marks – 50

Theory – 4 Lectures / Week

Theory - 50 Marks

Practical – 2 Lectures/Week/Batch

Objective

To enable student

To develop skill in food and beverage service.

Unit I Types of Meals

1. Breakfast Introduction, Types, Service Methods,
2. Brunch
3. Lunch
4. Hi Tea
5. Dinner
6. Supper

Unit II Menu knowledge

1. Introduction
2. Types -Ala Carte & Table D’hote
3. Menu Planning, considerations and constraints
4. Menu Terms. Classical French Menu. .
5. Classical Foods & its Accompaniments with Cover.

Unit III Non-alcoholic Beverages

1. Stimulating Tea, Coffee, Cocoa
2. Nourishing Health drinks
3. Refreshing Juices, Squashes, Crushes, Syrup
4. Mineral water & carbonated drinks
5. Classification Chart Alcoholic & Non alcoholic drinks

Unit IV Cigars & Cigarettes

1. Theory Introduction to Cigars and Cigarettes
2. Brands & codes
3. Service Procedures

Unit V Control Methods

1. Necessity and functions of a control system,
2. Billing Methods -Duplicate & Triplicate System, KOTs & BOTs, Computerized KOTs (Kitchen Order Ticket, Beverage Order Ticket)
3. Flow chart of KOT.
4. Presentation of bill.

Reference Books:

1. Food & Beverage Service –Lillicrap & Cousins
2. Modern Restaurant Service -John Fuller
3. Food & Beverage Service Training Manual Sudhir Andrews, Tata McGraw Hill
4. The Restaurant (from Concept to Operation) -Lipinski
5. Bar and Beverage Book -C. Katsigris, Mary Porter

B.Voc. Part-I
Semester II - Paper – 205
House Keeping Operation- I

Work Load - 4
Theory – 4 Lectures / Week

Total Marks – 50

Objective

To enable student to Develop Skill In House Keeping

Unit I Introduction To Housekeeping

1. Importance & functions of housekeeping
2. Layout of housekeeping department
3. Co-ordination with other department- front office, kitchen, F & B and other department

Unit II Organization of Housekeeping Department

1. Hierarchy in large, medium and small hotels
2. Attributes of staffs
3. Job description and job specification

Unit III Guest rooms

1. Types of guest room
2. Amenities & facilities for standard and VIP guest rooms

Unit IV Cleaning Agents And Equipments

1. Classification, use, care and storage of cleaning agent
2. Classification, use, care and storage of cleaning equipments
3. Selection and purchase criteria

Unit V key control

1. Computerized keys
2. Manual keys
3. Key control procedures

Reference Books:

1. Housekeeping Training Manual Sudhir Andrews
2. Hotel, Hostel & Hospital Housekeeping Brenson & Lanox.

Practical Syllabus

B.Voc. Part - I Semester I - Paper – 106

Laboratory work (Food Production I)

Work Load - 6 Total Marks – 50 Practical – 4 Lectures/Week/Batch of 20 students

Practicals:

It is recommended that Demonstrations be conducted in the initial stages to make the students familiar with the following:

1. Introduction to various tools and their usage.
2. Introduction to various commodities. (Physical Characteristics, weight & volume conversion, yield testing, etc.)
3. Food pre-preparation methods
4. Use of different cooking methods.
5. Basic Indian masalas & gravies (Dry & wet)
6. Basic Stocks, soups & sauces.
7. Visit to Vegetable market

Minimum 18 Individual Practical's consisting of 70% Indian & 30% Continental Menus be accomplished, over and above the demonstrations. Practical Examination be conducted on Indian Menus consisting of a Meat, Vegetable, Rice and Sweet Preparation.

Scheme of Practical Evaluation

50 Marks

Internal Practical Evaluation

Q.1: Prepare any one practical from the above

20Marks

Q.2: Practical record book

20Marks

Q.3: Viva – voce

10Marks

B. Voc. Part - I
Semester I - Paper – 107
Laboratory work (Food and Beverage Service-I)

Work Load - 6 Total Marks –50 Practical – 4 Lectures/Week/Batch of 20 students

Practicals:

1. Restaurant Etiquettes
2. Restaurant Hygiene practices
3. Mis-En-Palce & Mi s-En-Scenc
4. Identification of Equipments
5. Laying & Relaying of Table cloth
6. Napkin Folds
7. Rules for laying a table
8. Carrying a Salver/ Tray
9. Service of Water
10. Handling the Service Gear
11. Carrying Plates, Glasses & other Equipments
12. Clearing an Ashtray
13. Situations like spillage
14. Setting of Table d’hote & A La Carte covers.
15. Service of Hot & Cold Non Alcoholic Beverages
16. Indian Cuisine Accompaniments & Service
17. Visit to Restaurant

Scheme of Practical Evaluation

Internal Practical Evaluation

Q.1: Prepare any one practical from the above	20 marks
Q.2: Practical record book	20 marks
Q.3: Viva – voce	10 marks

B.Voc. Part - I
Semester I - Paper – 108

Laboratory work (Front Office Operation –I)

Work Load - 6

Total Marks – 50

Practical – 4 Lectures/Week/Batch

Practicals:

1. Telephone Etiquettes and telephone handling
2. Handling room keys (issuing, receiving, missing keys. computerized key cards)
3. Handling guest mail (of guests who have checked out, in-house and expected)
4. Handling messages and paging for guests.
5. Luggage handling (along with left luggage procedure)
6. Handling guest enquiries.
7. Handling guests who are blacklisted.
8. Situations on basis of charging.
9. Bell desk activities.
10. Visit to Front office Department of Hotel

Scheme of Practical Evaluation

Internal Practical Evaluation

- | | |
|---|----------|
| Q.1: Prepare any one practical from the above | 20 marks |
| Q.2: Practical record book | 20 marks |
| Q.3: Viva – voce | 10 marks |

B.Voc. Part - I
Semester II - Paper – 206
Laboratory work (Food Production II)

Work Load - 6 Total Marks – 50 Practical – 4 Lectures/Week/Batch

Practicals

Minimum 24 individual practical's be accomplished consisting of

1. 50 % Continental menus
2. 30% Indian Menus
3. 20 % Break Fast Menus. (Indian & Continental)
Visit to a Star Hotel (Kitchen Department)

Scheme of Practical Evaluation

Internal Practical Evaluation

Q.1: Prepare any one practical from the above	20 marks
Q.2: Practical record book	20 marks
Q.3: Viva – voce	10 marks

B.Voc. Part - I
Semester II - Paper – 207
Laboratory work (Food and Beverage III)

Work Load - 6 Total Marks – 50 Practical – 4 Lectures/Week/Batch

Practicals:

1. Breakfast Table Lay up & Service (Indian, American, English, Continental) Table D'Hote & A la Carte Cover
2. Receiving the guests
3. Sequence of Service
4. Silver Service (Hors d'oeuvre-(Classical and Hors d'oeuvres) varies to Coffee)
5. Crumbing, Clearing, Presenting the bill
6. Side board Organization
7. Taking an Order -Food & Making a KOT
8. Writing a Menu in French & its Equivalent in
9. English Revision of practical's from the first semester.
10. Points to be remembered while setting a cover and during service
11. Visit to beverage section of Hotel

Scheme of practical evaluation**Internal practical evaluation**

Q.1: Prepare any one practical from the above	20 marks
Q.2: Practical record book	20 marks
Q.3: Viva – voce	10 marks

B.Voc. Part-I
Semester II - Paper – 208
Laboratory work (Housekeeping Operation I)

Work Load - 6 Total Marks – 50 Practical – 4 Lectures/Week/Batch

Practicals:

1. Introduction to the Housekeeping department
2. Introduction to Cleaning Equipments
3. Introduction to Cleaning Agents
4. Introduction to Guest Room and supplies & placement
5. Sweeping and Mopping -dry, wet.
6. Polishing of Laminated surfaces.
7. Polishing of Brass Articles.
8. Polishing of Copper articles.
9. Cleaning of Glass surfaces. Cleaning of oil painted surfaces.
10. Cleaning of plastic painted surfaces.
11. Vacuum Cleaning
12. Bed making
13. Cleaning of different floor finishes, & use of floor scrubbing machine
14. Visit to types of accommodation of hotel

Scheme of Practical Evaluation**Internal Practical Evaluation**

Q.1: Prepare any one practical from the above	20 marks
Q.2: Practical record book	20 marks
Q.3: Viva – voce	10 marks