

UNIVERSITY OF CALICUT

Abstract

General & Academic - CBCSS UG 2019 - Scheme and Syllabus of B.Sc Hotel Management and Catering Science (LRP) Programme w.e.f 2019 Admission onwards -Anomalies rectified- Implementation of the revised syllabus-Approved subject to ratification of the Academic Council - Orders Issued.

G & A - IV - J

U.O.No. 10019/2020/Admn

Dated, Calicut University.P.O, 28.10.2020

Read:-1. U.O No.9019/2019/Admn, dtd 08.07.2019

- 2. U.O.No. 17946/2019/Admn dtd., 24.12.2019
- 3. U.O Note No. 4983/EX-II-ASST-3/2014/P.B dtd 30.12.2019
- 4. Remarks of Chairman, Board of Studies in Hotel Management and Catering Science dtd.06.10.2020
- 5. Remarks of Dean, Faculty of Science dtd. 22.10.2020

ORDER

The scheme and syllabus of BSc in Hotel Management and Catering Science Programme under CBCSS UG Regulations 2019 w.e.f 2019 admn., was implemented vide ref. (1) above, and the same has been modified vide ref. (2).

Pareeksha Bhavan pointed out some anomalies in the syllabus, vide ref. (3) above, and the Chairman, Board of Studies in Hotel Management and Catering Science, vide paper read fourth, forwarded the revised syllabus after rectifying the anomalies, incorporating the following modifications::

- 1. Duration of Open Course external examination is changed from 2½ hrs to 2 hrs.
- Open course syllabus for third semester is shown as same as per CUCBCSS Scheme and it has been modified as per CBCSS Scheme is as: A11-Basic Numerical Methods & A12 Professional Business Skills

The Dean, Faculty of Science, vide ref. (5) above, approved the corrections in the syllabus of BSc Hotel Management and Catering Science and the Vice Chancellor has accorded sanction, on 25.10.2020, to implement the corrected syllabus.

The corrected syllabus of B.Sc in Hotel Management & Catering Science Programme (LRP) under CBCSS UG Regulations 2019 with effect from 2019 admission onwards, is therefore implemented subject to ratification of Academic Council.

U.O.No. 17946/2019/Admn dtd, 24.12.2019 stands modified to this extent.

Orders are issued accordingly (Corrected Syllabus appended)

Arsad M

Assistant Registrar

To

The Principals of all Affiliated Colleges
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Section Officer

Bachelor of Science (B.Sc)

HOTEL MANAGEMENT AND CATERING SCIENCE

(UNDER THE FACULTY OF SCIENCE, UNIVERSITY OF CALICUT)

AS PER THE REGULATIONS FOR CHOICE BASED CREDIT AND SEMESTER SYSTEM FOR UNDER GRADUATE (UG) CURRICULUM -2019 (CBCSSUG 2019)

1.0 TITLE OF THE PROGRAMME

This DEGREE shall be called BACHELOR OF SCIENCE IN HOTEL MANAGEMENT AND CATERING SCIENCE (Language Reduced Pattern –LRP) under the Faculty of Science.

2.0 ELIGIBILITY FOR ADMISSION

Any candidate who has passed the Plus Two of the Higher Secondary Board of Kerala or Pre Degree of Calicut University or that of any other University or Board of Examinations in any state recognized as equivalent to the Plus Two of the Higher Secondary Board in Kerala, with no less than 45% marks in aggregate is eligible for admission, However, SC/ST, OBC and other eligible communities shall be given relaxation as per University rules.

3.0 DURATION OF THE PROGRAMME

The programme shall be six semesters distributed over a period of 3 Academic years. The odd semesters (1, 3, 5) shall be from June to October and the even semesters (2, 4, 6) shall be from November to March. Each semester shall have 90 working days inclusive of all examinations.

4.0 MEDIUM OF INSTRUCTION

The medium of instruction and examination shall be English.

5.0 COURSES OF STUDY

Total number of courses for the whole BSc HM&CS Programme is 38 which are spread through 120 credits. The main courses shall be divided into 4 categories as follows. Courses namely:-

1. Common courses

- 2. Core courses
- 3. Complementary courses and
- 4. Open course.
- **5.1 Common Courses:** There shall be 10 Common courses (Total 38 Credits) for completing the programme. These Common Courses 1-6 shall be taught by the English teachers and 7-10 by the teachers of Additional Language and general courses by the teachers of departments offering core courses concerned. The additional language offered in this programme is French. The candidates will not get any chance to opt other languages as their additional language, other than French.
- **5.2 Core Courses:** Core courses are the courses in the major subjectof the programme. These are offered by the parent department. The number of corecourses are 19 including Project work.
- **5.3 Complementary Courses:** These courses cover the subjects related to the core subject and are distributed in first four semesters.
- **5.4 Open Courses:** This Course shall be open to all students in the institution except the students in the parent department.

All the Core, Complementary and Open courses for the programme shall be taught bythe Hotel Management faculties.

5.5'Ability Enhancement course/Audit course' is a course which is mandatory as per the directions from the Regulatory authorities like UGC, Supreme Court etc.

6.0 COURSES IN THE PROGRAMME

6.1Common courses

- 1. Transactions: Essential English Language Skills
- 2. Ways with Words: Literatures in English
- 3. Communicative Skill in French.
- 4. Writing for Academic and Professional Success.
- 5. Zeitgeist: Readings on contemporary Culture
- Translation and communication in French.
- 7. Basic Numerical Methods.
- 8. Professional Business Skills.
- 9. Entrepreneurship Development.
- 10. Banking and Insurance.

6.2 Core courses

11	BSH/C1B01	Introduction to Hospitality Industry.			
12	BSH2B02	Accommodation Operation.			
13	BSH2B02 (P)	Accommodation Operation- (Practical)			
14	BSH3B03	Food and Beverage Production –I			
15	BSH3B03 (P)	Food and Beverage Production –I (Practical)			
16	BSH3B04	Food and Beverage Service-I			
17	BSH3B04 (P)	Food and Beverage Service-I (Practical)			
18	BSH4B05	Food and Beverage Service-II			
19	BSH4B05 (P)	Food and Beverage Service-II (Practical)			

20	BSH4B06	Food and Beverage Production –II
21	BSH4B06 (P)	Food and Beverage Production –II (Practical)
22	BSH5B07	Industrial Exposure Training and Report
23	BSH5B08	Comprehensive Self Study
24	BSH6B09	Front Office Operation-
25	BSH6B09 (P)	Front Office Operation- (Practical)
26	BSH6B10	Accommodation Management
27	BSH6B11	Rooms Division Management
28	BSH/C 6B12	Food and Beverage Management
29	BSH6B13	Project Report and Viva

6.3 Complimentary Courses

30	BSH/C 1CO1	Sales and Marketing
31	BSH/C 1C02	Travel and Tourism
32	BSH/C2CO3	Event Management
33	BSH/C 2C04	Management Principles and Practices
34	BSH/C 3CO5	Nutrition Hygiene and Sanitation
35	BSH/C 3CO6	Facility Planning
36	BSH/C 4CO7	Hotel Laws
37	BSH/C 4CO8	Human Resource Management

6.4 Open Courses

38	BSH/C 5DO1	Tourism and Hospitality Management
	BSH/C 5DO2	Basics in Culinary.
	BSH/C 5DO3	Introduction to Banquets and Buffets

7.0 SEMESTER WISE DISTRIBUTION OF COURSES

Semester I

SL	COURSE TYPE	SUBJECT	CRE	HOURS	EXAM	EXTE	INTE	TOT
NO	& CODE		DIT	/WEEK	HOURS	RNAL	RNAL	AL
1	Common A01	English	4	4	2.5	80	20	100
2	Common A02	English	3	4	2	60	15	75
3	Common FRE 1A 07 (3)	Second Language (Communicative Skills in French)	4	4	2.5	80	20	100
4	Core BSH/C 1B01	Introduction to Hospitality Industry	4	5	2.5	80	20	100
5	Complimentary BSH/C 1CO1	Sales and Marketing	3	4	2	60	15	75
6	Complimentary BSH/C 1C02	Travel and Tourism	3	4	2	60	15	75
Total for semester I		21	25		420	105	525	

Semester II

SL	COURSE TYPE	SUBJECT	CR	HOURS	EXAM	EXTE	INTE	TOT
NO	& CODE		Ε	/WEEK	HOURS	RNAL	RNAL	AL
			DIT					
1	Common A03	English	4	4	2.5	80	20	100
2	Common A04	English	3	4	2	60	15	75
3	Common	Second Language	4	4	2.5	80	20	100
	FRE 2A 08 (3)	(Translation and						
		Communication in						
		French)						
4	Core	Accommodation	4	4	2.5	80	20	100
	BSH 2B02	Operation						
5	Core	Accommodation	2	2	2	40	10	50
	BSH 2B02 (P)	Operation- (Practical)						
6	Complimentary	Event Management	3	3	2	60	15	75
	BSH/C 2CO3							
7	Complimentary	Management Principles	3	4	2	60	15	75
	BSH/C 2C04	and Practices						
Total	for semester II		23	25		520	115	575

Semester III

SL	COURSE TYPE	SUBJECT	CRE	HOURS	EXAM	EXTE	INTE	TOT
NO	& CODE		DIT	/WEEK	HOURS	RNAL	RNAL	AL
1	Common	Basic Numerical Methods	4	4	2.5	80	20	100
	A11							
2	Common	Professional Business	4	4	2.5	80	20	100
	A12	Skills						
3	Core	Food and Beverage	3	3	2	60	15	75
	BSH3B03	Production –I						
4	Core	Food and Beverage	3	3	2	60	15	75
	BSH3B03 (P)	Production –I (Practical)						
5	Core	Food and Beverage	3	3	2	60	15	75
	BSH3B04	Service-I						
6	Core	Food and Beverage	3	2	2	60	15	75
	BSH3B04 (P)	Service-I (Practical)						
7	Complimentary	Nutrition Hygiene and	3	3	2	60	15	75
	BSH/C 3CO5	Sanitation						
8	Complimentary	Facility Planning	3	3	2	60	15	75
	BSH/C 3CO6							
Tota	for semester III		26	25		520	130	650

Semester IV

	T	T	1	1	ı	1	1	
SL	COURSE TYPE	SUBJECT	CRE	HOURS	EXAM	EXTE	INTE	TOT
NO	& CODE		DIT	/WEEK	HOURS	RNAL	RNAL	AL
1	Common	Entrepreneurship	4	4	2.5	80	20	100
	A13	Development						
2	Common	Banking and Insurance	4	4	2.5	80	20	100
	A14							
3	Core	Food and Beverage	3	3	2	60	15	75
	BSH4B05	Service-II						
4	Core	Food and Beverage	3	2	2	60	15	75
	BSH4B05 (P)	Service-II (Practical)						
5	Core	Food and Beverage	3	3	2	60	15	75
	BSH4B06	Production–II						
6	Core	Food and beverage	3	3	2	60	15	75
	BSH4B06 (P)	Production-II (Practical)						
7	Complimentary	Hotel Laws	3	3	2	60	15	75
	BSH/C 4CO7							
8	Complimentary	Human Resource	3	3	2	60	15	75
	BSH/C 4CO8	Management						
Tota	l for semester IV		26	25		520	130	650

Semester V

SL	COURSE	SUBJECT	CRE	HOURS	EXAM	EXTE	INTE	TOT
NO	TYPE & CODE		DIT	/WEEK	HOURS	RNAL	RNAL	AL
1	Core	Industrial Exposure	3	18	Viva	60	15	75
	BSH5B07	Training And Report			Voce			
2	Core	Comprehensive self-Study	2	5	2	100		100
	BSH5B08							
8	Open Course		3	2	2	60	15	75
Total	for semester V		8	25		220	30	250
I								1

Semester VI

SL	COURSE TYPE	SUBJECT	CRE	HOURS	EXAM	EXTE	INTE	TOT
NO	& CODE		DIT	/WEEK	HOURS	RNAL	RNAL	AL
1	Core	Front Office Operation	3	5	2	60	15	75
	BSH6B09							
2	Core	Front Office Operation-	2	2	2	40	10	50
	BSH6B09 (P)	Practical						
3	Core	Accommodation	3	4	2	60	15	75
	BSH6B10	Management						
4	Core	Rooms	3	4	2	60	15	75
	BSH6B11	Division Management						
5	Core	Food and Beverage	3	5	2	60	15	75
	BSH/C 6B12	Management						
6	Core	Project Report and Viva	2	5	Viva	40	10	50
	BSH6B13				Voce			
Total for semester VI		16	25		320	80	400	

8.0 Ability Enhancement courses/Audit courses: These are courses which are mandatory for a programme but not counted for the calculation of SGPA or CGPA. There shall be one Audit course each in the first four semesters. These courses are not meant for class room study. The students can attain only pass (Grade P) for these courses. At the end of each semester there shall be examination conducted by the college from a pool of questions (Question Bank) set by the University. The students can also attain these credits through online courses like SWAYAM, MOOC etc (optional). The list of passed students must be sent to the University from the colleges at least before the fifth semester examination. The list of courses in each semester with credits is given below.

SI	Name of the course	Credit	Semester to
N0			be taught
1	Environment Studies	4	1
2	Disaster Management	4	2
3	Human Rights/ Intellectual	4	3
	Property Rights/ Consumer		
	Protection		
4	Gender Studies/ Gerontology	4	4

Colleges can opt any one the courses.

8.1. Extra credit Activities: Extra credits are mandatory for the programme. Extra credits will be awarded to students who participate in activities like NCC, NSS and Swatch Bharath. Those students who could not join in any of the above activities have to undergo Calicut University Social Service Programme (CUSSP). Extra credits are not counted for SGPA or CGPA.

9.0 CREDITS

Each course shall have certain credits for passing the BSc HM&CS programme, the student shall be required to achieve a minimum of 120 credits of which 38 (14 for common English courses + 8 for common language other than English+ 16 credits for general common courses) credits shall be from common courses, a minimum of 2credits for project and 2 credits for open courses.62 credits from core courses, 16 credits from complimentary courses So minimum credits required for core, complimentary and open course put together are 82 (Including minimum 2 credits for each Practical, i.e., 2X4=8 credit for all the practical). In all other matters regarding the BSc HM&CS programme under Choice Based Credit Semester System which is not specified in this regulation, the common regulation **CBCSSUG 2019** will be applicable.

10.0 ATTENDANCE

A student shall be permitted to appear for the semester examination only if he/she secures not less than 75% attendance for theory classes and practical classes actually held for each of the course in a semester. If the candidate has shortage of attendance in any course in a semester, he/she shall not be allowed to appear for any examination in that semester. However the University may condone shortage if the candidate applies for it as laid down by the University common regulations for **CBCSSUG 2019** and if the Vice Chancellor is satisfied with the reason cited by the candidate for the absence in classes.

11.0 COMPREHENSIVE SELF STUDY

In the fifth semester, the candidates have to face an examination with multiple choice questions. The credit for this course is Two. It is a two hour examination with 100 marks and there is no any internal mark for this course. Out of 120 questions, 100 questions must be answered. The questions will be selected from a question pool, prepared by the board of studies. The evaluation of answer scripts will be done externally.

12.0 PROJECT REPORT

During the sixth semester every student shall do a project .The student may choose any topic from the subjects he/she has studied. The candidate shall prepare and submit a project report to the department. The report shall be in manuscript / typed and bound with not less than 50 A4 size pages. The project report should be submitted to the Department one month before the last working day of the sixth semester.

12.1 Project work shall have the following stages:

Project proposal presentation
Field work and data analysis
Report writing
Draft project report presentation
Final project report submission

The project should be done individually. The work of each student shall be guided by one Faculty member. The candidate shall prepare at least two copies of the report: one copy for submission to the Department and one copy for the student which he/she has to bring with him/her at the time of viva voce. More copies may be prepared if the organization or the guide or both ask for one copy each.

The duration for project work is 3 weeks. A certificate showing the duration of the project work shall be obtained from the supervising teacher or from the organization for which the project work was done and it shall be included in the project report.

Research Methodology course should be taught in beginning of this semester before students start their project work. This will help the students to get awareness about the research and its importance. The five hours per week allotted for project work can be utilised for this purpose. There should not be any external examination for this course, but the institute can conduct internal examination and the marks can be considered while assessing internal marks.

12.2 Structure of the report:

- Title page
- Certificate from the organization (If the project work is done under an organisation)
- Certificate from guide
- Acknowledgements
- Contents
- Chapter I: Introduction (Organization profile, Research problem, Objectives of the study, Research methodology etc.)
- Chapter II: Review of literature
- Chapters III and IV: Data Analysis (2 or 3 chapters)
- Chapter V: Summary, Findings and Recommendations.
- Appendix (Questionnaire, specimen copies of forms, other exhibits etc;)
- Bibliography (books, journal articles etc. used for the project work)

12.3 Evaluation of Project.

- The project evaluation shall be conducted at the end of sixth semester.
- 20% of marks are awarded through internal assessment.
- A Board of two examiners (One Internal and One External) appointed by the University shall evaluate the report.
- Evaluation of project should involve submission of report with and project based vivavoce.
- A Viva voce based on the project report shall be conducted individually by the Board of Examiners.
- The total credits for Project work is 2.
- The Maximum Marks for evaluation of the report shall be 50 distributed among the following components.

Introduction (Organization profile, Research problem, Objectives of the study, Research methodology etc.) - 5 Marks

Review of literature- 5 Marks

- Data Analysis (2 or 3 chapters)- 10 Marks
 Summary, Findings and Recommendations- 5 Marks
- Viva-Voce 15 Marks
- Internal 10 Marks
- o Total- 50 Marks

13.0 EVALUATION AND GRADING

- **13.1.** Mark system id followed instead of direct grading for each question. For each course in the semester the letter grade, grade point and % of marks are introduced in 7-point indirect grading system as per the guidelines of the University of Calicut **CBCSSUG 2019**
- **13.2.** The evaluation scheme for each course shall contain two parts.
- 1) Internal Assessment 2) External Evaluation.

20% weight shall be given to the internal assessment. The remaining 80% weight shall be given for the external evaluation.

13.3 INTERNAL ASSESSMENT

20% of the total marks in each course are for internal examinations. The internal assessment shall be based on a system, involving written tests/assignments/seminars/ viva and attendance in respect of theory courses and lab involvements/ records and attendance in respect of practical courses.

Internal assessment of the project will be based on its content, method of presentation, final conclusion and orientation to research aptitude.

The components with the percentage of marks of internal evaluation of theory courses are:

Attendance -25%, Assignment/ Seminar/ Viva- 25%, and Test paper- 50%.

(If a Fraction appears in internal marks, nearest whole number is to be taken).

Attendance of each course (Including Practical) will be evaluated as below:

Above 90% attendance	100 marks allotted for attendance.
85 to 89%	80%
80 to 84%	60%
76 to 79	40%
75%	20%

13.4 Internal Assessment for Practical: 20% of total marks are internal assessment. It should be done by the department based on the performance of the student in the practical Lab.

The components with the percentage of marks of internal evaluation of practical courses are:

Attendance- 25%, Record- 50% and Lab involvement- 25%.

(If a Fraction appears in internal marks, nearest whole number is to be taken).

- **13.5 External Evaluation:** External evaluation carries 80% of marks. The external examination in theory courses is to be conducted with question papers set by experts. The evaluation of the answer scripts shall be done by examiners based on well-defined scheme of evaluation by the University. The external examination in practical courses shall be conducted by two examiners- one internal and external, appointed by the university. The project evaluation and viva can be conducted by the external examiners appointed by the university.
- **13.6** After external evaluation, only marks are to be entered in the answer scripts. All other calculations including grading are done by the University.

13.7. External Evaluation for Practical Courses.

- The practical evaluation shall be conducted at the end of the concerned semester.
- 20% of marks are awarded through internal assessment.
- A Board of two examiners (One Internal and One External) appointed by the University shall conduct the evaluation.
- Evaluation of practical should involve submission of record.
- A viva voce based on the practical shall be conducted individually by the Board of Examiners.
- The Maximum Marks for evaluation of the practical shall be distributed among the following components.

Practical Knowledge – 50% of total external marks.

Viva Voce
25% of total external marks.

Practical Record
15% of total external marks.

Personal Grooming
10 % of total external marks.

12.7 Revaluation: In the new system of grading, revaluation is permissible. The prevailing rules of revaluation are applicable to **CBCSSUG 2019**. There is no revaluation facility available for practical.

14.0 QUESTION PAPER;

The pattern of question paper for 80 Marks as Maximum, should be as follows,

Question Type	Total No Of questions	No of questions to be answered	Marks for each Question	Maximum Marks	Total Marks
Short Answer	15		2	25	25
Short Essay	8		5	35	35
Long Essay	4	2	10		20
				Grand Total	80

The pattern of question paper for 60 Marks as Maximum, should be as follows,

Question Type	Total No Of questions	No of question to be answered	Marks for each Question	Maximum Marks	Total Marks
Short Answer	12		2	20	20
Short Essay	5		5	20	20
Long Essay	4	2	10		20
			Grand Total		60

There are some practical courses which are having 60 marks as maximum for external evaluation, the proportion for the marks can be taken as following.

Evaluation Method	Maximum Marks
Practical Record	10
Indent/ Preparation Writing	10
Technical Skills	20
Viva Voce	10
Presentation/ Hygiene/	10
Personal Grooming	
Total Marks	60

There are some practical courses which are having 40 marks as maximum for external evaluation, the proportion for the marks can be taken as following.

Evaluation Method	Maximum Marks
Practical Record	10
Technical Skills	20
Viva Voce	10
Total Marks	40

15.0 AWARD OF DEGREE.

The successful completion of the courses (Common, Core, Complimentary and Open courses) prescribed for this programme with E- grade (minimum 40% -for external and 40% for internal) shall be the minimum requirement for the award of degree.

15.1 CREDITS: Each course shall have certain credits for passing the BSc HM & CS programme, the student shall be required to achieve a minimum of 120 credits of which 38 (14 for common English courses + 8 for common language other than English+ 16 credits for general common courses) credits shall be from common courses, a minimum of 2 credits for open courses, 56 credits from core courses and 24 credits from complimentary courses. So minimum credits required for core, complimentary and open course put together are 82 (Including practical).

In all other matters regarding the BSc HM & CS programme under Choice Based Credit semester system which are not specified in this regulation, the common regulation **CBCSSUG 2019** will be applicable.

16.0 FACULTY QUALIFICATIONS

Candidates, who are having graduation in Hotel Management / Hotel Administration with Masters Degree in Hotel Management or in Tourism or in MBA in Tourism and / or Hotel Management with NET in that subject, can teach in this Programme. (If NET is not conducted by UGC, then the UGC norms in Faculty appointment and Calicut University Order 3696/GA-1/F1-2013/CU dated26/02/2014 will be applicable.)

Candidates, who are having PhD as the basic qualification instead of NET should have their PhD in the discipline of Tourism and/or Hotel Management.

The industry experiences should also be considered (In addition to basic qualification said above) while appointing teachers for programmes.

17.0 WORK LOAD FOR THE PROGRAMME.

All the matters related with the work load, should be as per the rules and regulation laid by the university and other authorities.

But in fifth semester of this programme, the students have to undergo Industrial exposure training. In this semester, the students have to face two written examinations in Comprehensive self study and Open course. Though the students are in the training, they are not available in the campus, and it will not affect the work load of the teachers in that semester. That is, in this semester also, the teachers teaching workload should be calculated as 25 hours per week.

The students, who are in training, are grouped as per the strength of teachers and students and one teacher training coordinator should be appointed for each group. The teacher coordinator manages and supervises all the needs for the training, of the candidate and should done in a very effective way by frequent visits in the training properties and evaluating the training logbook twice in month. Regular contact with the properties should be ensured to monitor student's attendance, behaviour and benefits of training etc, by the teacher coordinator.

18.0 INDUSTRIAL TRAINING

18.1. Exposure to Industrial Training is an integral part of the 5th semester curriculum. The 20 weeks/ 5 months industrial training would be divided into four weeks each in the four

key areas of Food Production, Food & Beverage Service, and Accommodation Operations & Front Office Operations.

- **18.2.** Attendance during the training would be calculated separately. Industrial Training will require an input of 120 working days i.e. (20 weeks x 06 days = 120 days). A student can avail leave to a maximum of 10% (12 days) only with prior permission of the hotel authorities. Similarly, the institute Principal can condone an additional 10% (12 days) on production of a medical certificate.
- **18.3.** Evaluation of Industrial Exposure Training and report: The Maximum Marks for external evaluation of the Industrial Exposure Training and report shall be distributed among the following components.

Presentation of the training report – 25% of total external marks.

Viva Voce- 25% of total external marks. Training Report- 25% of total external marks. Personal Grooming- 25% of total external marks.

Internal Marks- 20% of total marks. (Including External and internal marks)

- **18.3.1** Internal marks for IET and report, will be based on the feed-back from the industry in a prescribed Performance Appraisal Form (PAF). It will be the students' responsibility to get this feed-back/assessment form completed from all the four departments of the hotel for submission to the institute at the end of Industrial Training.
- **18.3.2** The University will appoint a Board of two examiners (One Internal and One External) to conduct the external evaluation of Industrial Exposure Training and report,
- **18.4.** Responsibilities of institute, hotel and the student/trainee with aims & objectives have been prescribed for adherence.
- **18.5.** Once the student has been selected / deputed for Industrial Training by the institute, he/she shall not be permitted to undergo IT elsewhere. In case students make direct arrangements with the hotel for Industrial Training, these will necessarily have to be approved by the institute. Students selected through campus interviews will not seek Industrial Training on their own.

COURSES DETAILS

CORE COURSES

BSH/C 1B01 INTRODUCTION TO HOSPITALITY INDUSTRY

Module	Topic	Conter	nt
		a.	The origin of hospitality
		b.	History of travel -in India and international –early
			times, Persian, Macedonial times, Mayurian empire
			,the Mugal Empire, The Muslim Empire, English Raj,
1	Introduction to the		Post Independence
1	Hospitality industry	c.	Hospitality –Guest relation, customer satisfaction
		d.	Types of hospitality
		e.	Hospitality ethics and standards
		f.	Traits of hospitality employees
		g.	Evolution and growth of hotel industry in India
		a.	Inns of early times
2	Resorts, History of Hotels	b.	History of hotels in America
~	and Motels	c.	History of motels and it's features
		d.	Advent of hotel chains .
		a.	Small, medium and Large hotels
		b.	
	Types of hotels,	c.	Non revenue departments
3	Hotel Organization And Job Description	d.	Minor revenue departments
		e.	Uniformed services of hotel
		f.	Organisation chart
		g.	Job description and job specification of front office
			employees
		a.	What is customer service
	Customer service and	b.	Why is customer service is important
4	Understanding guest service	C.	Who is the customer
	8 8 8 8 9 9 9 9 9 9 9 9 9 9	d.	Creating excellent mindset
		e.	Customer relationship management
		f.	Difference between service and physical products
		a.	Basis of classification of hotels: resorts, commercial
			hotels, floating hotels, motels, casino hotels, time
			share, condominiums, boutique hotels and
_	Areas of Hospitality industry		supplementary accommodations
5		b.	Air lines
		C.	Railway
		d.	Limousines, luxury Cruise lines,
		e.	Fast food restaurants, Institutional catering, Theme
			park, welfare catering and outdoor catering.

REFERENCE BOOK

Sl.No	Book Name	Author
1	Hospitality reception and front office procedures and systems	Dr.JagmohanNegi
2	Introduction to tourism &hospitality industry	Sudhir Andrews
3	Hotel front office operations and management	Jatashankar. R.Tewari
4	Front office management	S.k.Bhatnagar
5	Training manual for front office operations	Sudhir Andrews

BSH2B02ACCOMMODATION OPERATIONS

Module	Topic	Content		
		a. Introduction – What is Ho	ousekeeping?	
		b. Classifications of hotels.		
1	Housekeeping	c. Importance of housekeep	ing in hospitality industry.	
		d. Responsibilities of housek	ceeping Department.	
		e. Personal attributes of hou	usekeeping staff.	
		a. Organizational structure of	of housekeeping department.	
		(small, medium, large)		
		 Job description, job speci- and job procedures. 	fication, job list, job breakdown	
	Organizational Framework		s of housekeeping personnel.	
2	of the department		er, Desk control supervisor,	
			pervisor, guest room and public	
		area attendants)	, ,	
		d. Types of rooms and room	status.	
	e. Coordination with other of	department.		
		a. Principles of cleaning, cle	aning agents, cleaning	
		equipment's.		
		 b. Frequency of cleaning. 		
		c. Spring cleaning		
3	Cleaning Procedures &		cleaning- entering the guest	
	Types of cleaning		nen, making the bed, cleaning	
		•	the supplies servicing VIPs	
		room.		
			service, guest floor practices,	
		Room report.		
		a. Daily routine system in ho		
			sk, forms formats and registers	
4	Housekeeping Procedures	maintained in control des		
		c. Types of Keys and key har	-	
		d. Lost and found procedure		
		e. First Aid& Fire safety prod	ceaures	

		a.	Entrance, lobbies, front desk,
		b.	Elevators, stair case, guest corridors,
5	Public Area Cleaning	c.	Public rest rooms,
		d.	Banquet halls, restaurants
		e.	Leisure areas.

REFERENCE BOOKS

Sl.No	Book Name	Author
1	Hotel Housekeeping Operations & Management	G.Raghubalan,SmarteeRaghubalan
2	Housekeeping Theory & Practices	Dr.JagmohanNegi
3	Professional Management of Housekeeping Operations	Robert.J.MArtin
4	Hotel Housekeeping	Milani Singh
5	Hotel Housekeeping Training Manuel	Sudhir Andrews
6	Accommodation Operation Management	S.K .Kaushal, S N Gautham

BSH2B02 (P) ACCOMMODATION OPERATIONS (PRACTICAL)

Sl.No	Topic	Method
1	Cleaning Equipment's	Demo
2	Cleaning Agents	Demo
3	Cleaning of Different Surface	Demo & Practice
4	Bed Making	Demo & Practical Session
5	Daily Cleaning of Guest Rooms	Demo /Practice
6	Standard Supplies	Demo
7	Periodical Cleaning & Special Cleaning	Demo/Practice
8	Public area cleaning	Demo/Practice
9	Guest Room inspection	Demo /Practice
10	Maids cart , different types of trolleys	Demo
11		Demo/Practice

	Turn down service , Second service	
12	Folding of Linen	Demo/Practice
REFERI	ENCE BOOKS	
Sl.No	Book Name	Author
1	Hotel Housekeeping Operations & Management	G.Raghubalan,SmarteeRaghubalan
2	Housekeeping Theory & Practices	Dr.JagmohanNegi
3	Professional Management of Housekeeping Operations	Robert.J.Martin
4	Hotel Housekeeping	Milani Singh
5	Hotel Housekeeping Training Manuel	Sudhir Andrews
6	Accommodation Operation Management	S.K .Kaushal, S N Gautham

BSH3B03 FOOD AND BEVERAGE PRODUCTION -I

Module	Topic	Content
1	INTRODUCTION TO COOKERY	Levels of skills and Experience- Attitudes and Behavior in the Kitchen- Personal Hygiene- Safety Procedure in Handling Equipment-Aims and objectives of cooking food-Various textures- Basic Culinary terms. HIERARCHY AND DEPARTMENT STAFFING; Classical Brigade- Modern staffing in various category hotels-Role of Executive Chef-Duties & Responsibilities of various chef-Co-operation with other Departments. KITCHEN ORGANIZATION & LAY OUT; General layout of kitchen in various organization-Layout of Receiving Areas- Layout of storage Area-Layout of service and wash up- Various Fuels used- Advantages & Disadvantages.
2	BASIC PRINCIPLES OF FOOD PRODUCTION;	Introduction, Classification of vegetables- Effects of heat on vegetables- Cuts of vegetables- Classification of fruits- Uses of Fruit in Cookery- Salads & Salad dressing stocks- Definition of Stock- Types of Stocks- Preparation of stock- Storage of Stocks - Uses of Stocks – Soups - Classification of soups with examples- Basic recipes- Consommés- Garnishes and accompaniment for Soups - Classification of Sauces- Recipes for mother Sauces- Derivatives.

3	MEAT, RICE & PULSES	Meat; Introduction- Cuts of Beef/Veal- Cuts of Lamb/Mutton-Cuts of Pork - Variety meats (Offal). Fish; Classification of fish with examples - Cuts of fish - Selection fish and & shellfish-Cooking of fish. Egg; Introduction of Egg Cookery- Structure of an egg- Selection of egg- Uses of egg in Cookery. Rice; Introduction - Classification and Identification - Cooking of rice, cereals & pulses - Varieties of rice & other cereals.
4	METHODS OF COOKING FOOD;	Roasting, Grilling, Frying, Baking, Broiling, Poaching, Boiling. BASIC COMMODITIES; Flour; Types of wheat- Types of flour Uses of flour in food production- Shortening- Role of shortening- Varieties of shortenings- Advantages & Disadvantages of using different shortenings- Fats & Oil - Types, varieties -Raising agents -Classification of raising agent- Role of raising agents. Sugar; Importance of sugar- Types of sugar- Cooking of sugar- (various stages)- Uses of sugar.
5	BEVERAGES, MILK & MILK PRODUCTS	Tea; Types of tea available- Preparing tea for consumption-Popular brand. Coffee; Types of coffee- Preparing coffee-Varieties of coffee- blends Chocolate- Manufacture of chocolates- Types of chocolates - Tempering of chocolates. Milk; Pasteurization, Homogenization, Types of milk. e.g. skimmed condensed Nutritive value. Cream; Processing of cream - Types of cream- Butter - Processing of butter- Types of butter. Cheese; Processing of cheese- Types of cheese- Classification of cheese- Cooking of cheese- Uses of cheese. USES OF HERBS AND WINES IN COOKERY.

REFERENCE BOOKS

Sl.No	Book Name	Author& Publisher
1	Practical Cookery, .	Victor Ceserani & Ronald Kinton, ELBS
2	Theory of Catering,	Victor Ceserani & Ronald Kinton, ELBS
3	Theory of Catering,	Mrs. K.Arora, FrankBrothers
4	Modern Cookery for Teaching & Trade	Vol. I, Ms. ThangamPhilip, Orient Longman
5	Herrings Dictionary of Classical & Modern Cookery,	Walter Bickel
6	Chef Manual of Kitchen Management,	Fuller, John

BSH3B03 (P) FOOD AND BEVERAGE PRODUCTION – I (PRACTICAL)

I.No	TOPIC		
1	Identification and cuts of vegetables		
2	Preparation of stocks – White, Brown and Fish		
3	Preparation of Sauces		
4	Soups: Cream – vegetable, spinach, tomato greenpeas Consomme – Royale, Celestine c National – Vichyssoise, cabbage chowder		
5	Eggs – boiled, fried, poached, scrambled, omelettes.		
6	Fish – Fisho'rly a la nglaise, Colbert, poached, saumongrille, Florantine, mornay, pomfretmeuniere, fish fingers.		
7	Poultry – jointing chicken, poulet roti a l anglaise, pouletsautéchasseur, poulet Maryland, roast chicken, chicken a la king		
8	Meat - Fillet steak, tournedos, escalope, lamb stew, hot pots, grilled steak.		
9	Potatoes – French fries, lyonnaise, sauté, mashed, cream, parsley, parsienne		
10	Vegetable – Veg. cooking, boiled, glazed, fried, stewed, braised.		
11	Salads and sandwiches – coleslaw, Russian salad, potato salad, carrot, salad nicoise, fruit salad, waldrof salad, sandwiches varieties Sweets – honey comb mould, trifle, chocolate mousse, lemon soufflé,bread and butter pudding, caramel custard, albert pudding, Christmaspudding.		
12	Indian Dishes a. Snacks – dhokla, uppama, idly, wadas, samosa, paltice, cutlets b. Breads – chappaties, poories, parathas, bhaturas, missieroti,roomali roti, baki roti c. Rice – jeerapulao, veg. pulao, lime rice, alukithahari, yakhinipulao, prawnpulao, peas pulao, chicken biryani, muootn biryani, prawns biryani,veg. biryani, hyderabadi biryani, kashmiripulao d. Gravies (veg/ non veg) – khorma (chicken, mutton veg.) shajahani, jalfraize, rogini chicken, rogan josh, chicken / mutton do pyaz,chickenchettinad, paneermalaikofta, palakpaneer, butte chicken, aloogobi, fish moilee, goan fish curry, macherjhol, dal makhani, dal thadka, mixed veg curry, pepper chicken, kadaichicken, mutton vindaloo, e. Dry (veg./ non veg.) - salads, raitas, foogath, bhaaji, bhujjia, kuchumber, friedbhindi, avail, brinjalbhurta, masala fried fish, karimeenpollichudhu f. Sweets – Gajjarhulwa, sheera, gulabjamun, boondhiladoo,semiyapayasam, pal payasam, badam/carrot kheer,jangri, shahitukra, mysorepak, kesari, rasagullas, pumpkin hulwa. g. Tandoor – Naan, kulcha, roti, chicken tikka, fish tikka, sheekkebab,tandoori chicken, hariyali chicken/ fish tikka, tangdikebab.		

BSH3B04 FOOD ANDBEVERAGE SERVICE-I

Module	Topic	Content
1	Introduction to catering	Introduction to the Hotel Industry and growth of the hotel Industry in India Catering establishments: Definition and structure Role of catering establishment in the travel/tourism industry Classification of the catering industry
2	Department organization and staffing	Organization of Food and Beverage department of hotel Principal staff of various types of F&B operations, duties and responsibilities French terms related to F&B staff. Inter-departmental relationships (Within F&B and other department) Attributes of a waiter- Personal hygiene, punctuality, personality, attitude towards guests, appearance, salesmanship and sense of urgency Types of restaurants: overview and key characteristics - coffee shop, continental restaurants, specialty restaurants, pubs, night clubs, discotheques, snack and milk bar.
3	Operating equipments	Classification of crockery, cutlery, glassware, hollowware, flatware and special equipments Restaurant linen and furniture Dummy waiter- arrangement and uses during services. Ancillary departments: Pantry, still room, silver room, wash-up and hot-plate.
4	Menu	Origin of menu, Objectives of Menu Planning, Types of menutable d'hôte menu, a la carte menu (Cover and layout) French classical menu with examples Food and their usual accompaniments Breakfast: Types, menu for each type, terms used in the service of continental breakfast Cover laying for continental and English breakfast. Order taking procedures: In-person, telephone and door hangers.

		Different styles of service, advantages and disadvantages.
	Types of service	Restaurant service: Misen scene, Misen place.
		Points to be remembered while laying a table,
		Do's and don'ts in a restaurant
-		Sequence of service
5		Floor / Room service: Meaning, Full & Partial room service,
		Breakfast service in room, tray &trolley set-up for room service
		Lounge service: Meaning, organization of lounge service.
		Tea service: Afternoon tea and high tea, order of service.
		Banquets and buffets – Types and layout.

REFERENCE BOOKS

Sl.No	Book Name	Author& Publisher
1	Food and Beverage Service	Dennis Lillicarp, Hodder and Stoughton Educational
2	Food and Beverage Service	John Cousins, Hodder and Stoughton Educational
3	Food and Beverage Service	Sudhir Andrew , Tata McGraw Hill Education
4	Food and Beverage Service	JagmohanNegi, Frank Brothers & Co .Ltd, Delhi
5	Food and Beverage Service	Bobby George and Sandeep Bhattacharya, Jaico Publishing House, Delhi

BSH3B04 (P) FOOD AND BEVERAGE SERVICE -I(PRACTICAL)

Module	Topic	Content
1	Food and Beverage service areas	Induction and familiarization of F & B service areas Ancillary F & B service areas –Induction and profile Familiarization of F& B Service equipment-cutlery, crockery, glassware, flatware, hollowware, linen and miscellaneous equipments Care & Maintenance of F&B Service equipment Cleaning / polishing/wiping /storing of F & B service equipments- cutlery, crockery and glassware.

2	Basic technical skill	Waiter's tool kit Arrangement of sideboard Handling/ storing cutlery, crockery, glassware, flatware, hollowware Manipulating service spoon and fork for serving various courses Laying and relaying of table cloth Serviette folds
3	Menu	Practice of simple menu compilation. Types of menu -Table lay up for different menu - A La Carte, Table d'hôte, French classical Menu Points to be remembered while laying a table for a menu
4	Food and Beverage service	Restaurant service -Organizing Mise-en-scene,OrganizingMise-en-Place. Opening, Operating & Closing duties Restaurant vocabulary – English and French Different forms of service in a restaurant- Russian, American, French, Silver and English. Service of water Carrying a Tray /Salver Carrying glasses Service of various forms of a meal courses: Hors d' oeuvres, Potege, Poisson, Entrée, Releve (main), Sorbet, Roti, Legumen, Entrement, Savoury, Desserts and Cafe. Clearing soiled plates/Clearing of a meal (course by course)Sequence of service-Receiving and seating of guests, presenting the menu, taking orders, serving courses, bill presentation and seeing off the guest.
5	Breakfast service	Breakfast –Types Breakfast Menu (English, American Continental, Indian, buffet) Breakfast table setting - Continental breakfast cover and tray set up. English breakfast cover and tray set up. Buffet Service of non – alcoholic drinks, tea and coffee

REFERENCE BOOKS

Sl.No	Book Name	Author& Publisher
1	Food and Beverage Service	Dennis Lillicarp, Hodder and Stoughton Educational
2	Food and Beverage Service	John Cousins, Hodder and Stoughton

		Educational
3	Food and Beverage Service	Sudhir Andrew , Tata McGraw Hill Education
4	Food and Beverage Service	JagmohanNegi, Frank Brothers & Co .Ltd, Delhi
5	Food and Beverage Service	Bobby George and Sandeep Bhattacharya, Jaico Publishing House, Delhi

BSH4B05FOOD ANDBEVERAGE SERVICE-II

1	Beverages	Classification of beverages: Types ofbeverages, preparation of common non-alcoholic Beverages. Examples tea, coffee, milk based drinks, juice, squash and aerated water, other bar non-alcoholicdrinks used in dispense and main bar. Alcoholic beverage: Meaning, classification of alcoholic beverages.
2	Dispense bar	Introduction and definition Bar layout – physical layout of bar Bar stock – alcohol &non alcoholic beverages Bar equipment
3	Wines	Common grape varieties used in makingwines, factorsaffecting the quality of wines, Manufacturingprocess of table wines (red, white and rose), brand names, Wine producing regions of France, Grapevarieties, popular redand white wines. Champagne: Manufacturing process of Champagne, styles, brandnames and bottle sizes Wine producing regions of Germany and Italy, grape varieties andbrands. Fortified wines: Sherry, Port and Madeira – Production methods, and styles, Cider & Perry: Meaning. Aperitifs - Introduction and Definition, Types of Aperitifs, Vermouth (Definition, Types & Brand names), Bitters (Definition, Types & Brand names)

4	Liqueurs	Meaning, color, flavor & country oforiginofAbsinthe, Advocaat, Abricotine, Anisette, Aurum, Benedictine, Cointreau Crèmede menthe, crème, demokka, all, curacaos, Dram buie, Glavya, Gold wasser, grandmarnier, Kahlua, Sambuca, Tia Maria, etc Beer: Manufacturing process, types of beer andpopular brands. Cocktail- Meaning, types of Cocktails, Methods of making cocktails, points observed while making cocktails, Recipes of Whisky, rum, Gin, Brandy, Vodka, Tequila, Champagne based cocktails. (Given in reference text only) Mock tails-Meaning and recipes of famous mock tails. Specialty coffee – meaning and examples
5	Spirits	Spirit production methods - pot still and patentstillManufacturing process of Spirits (Whisky, Rum, Gin, Brandy,Vodka and Tequila), styles and brand names Checking, control & Billing: Introduction &checking systems, Types of checks, copies, triplicate system andduplicatesystem,checking for wines & other drinks The Bill - method of making a bill & settlement ofaccounts Tobacco - Important tobacco producingcountries of the world,quality of cigars & cigarettes strength& size of cigars,service method. Menu Engineering: Meaning Menu Merchandising: Methods of pricing menus, Shape and design of menu, Size of menu, Type & colour of paper or card, Layout, printing & reprinting.

REFERENCE BOOKS

Sl.No	Book Name	Author& Publisher
1	Food and Beverage Service	Dennis Lillicarp, Hodder and Stoughton Educational
2	Food and Beverage Service	John Cousins, Hodder and Stoughton Educational
3	Food and Beverage Service	Sudhir Andrew , Tata McGraw Hill Education
4	Food and Beverage Service	JagmohanNegi, Frank Brothers & Co .Ltd, Delhi

5	Food and Beverage Service	Bobby George and Sandeep Bhattacharya, Jaico Publishing House,
		Delhi

BSH4B05(P) FOOD AND BEVERAGE SERVICE-II(PRACTICAL)

Module	Topic	Content
		Wine service equipment
		Beer service equipment
	Dispense Bar-	Cocktail bar equipment
1	OrganizingMise-en-	Liqueur / Wine Trolley
	place	Bar stock - alcoholic & non-alcoholic beverages
	•	Bar accompaniments & garnishes
		Bar accessories & disposables
		Class room Exercise
		Developing Hypothetical Business Model of Food & Beverage
		Outlets
	Planningand	Case study of Food & Beverage outlets - Hotels & Restaurants
2	Operating Food &	Function Catering – Banquets
	Beverage Outlets	Planning & organizing Formal & Informal Banquets
	_	Planning & organizing Outdoor caterings
		Function Catering – Buffets
		Planning & organizing various types of Buffet
		Definition and History
		Classification
		Recipe, Preparation and Service of Popular Cocktails:
		- Martini – Dry & Sweet - Manhattan – Dry & Sweet - Dubonnet -
	Cocktails and Mixed	Roy-Roy - Bronx - White Lady - Pink Lady - Side Car - Bacardi -
3	drinks	Alexandra - John Collins - Tom Collins - Gin FIZZ - Pimm's Cup –
	uiiiks	no. 1,2,3,4,5- Flips - Noggs- Champagne Cocktail - Between the
		Sheets - Daiquiri - Bloody Mary - Screw Driver - Tequilla Sunrise
		- Gin-Sling - Planters Punch - Singapore Sling - Pinacolada - Rusty
		Nail
		- B&B - Black Russian- Margarita - Gimlet – Dry & Sweet - Cuba
		Libre- Whisky Sour- Blue Lagoon- Harvey Wall Banger
		- Bombay Cocktail

4	Alcoholic Beverages	Service of Wines -Service of Red Wine, white/Rose Wine, Sparkling Wines, Fortified Wines, Aromatized Wines, Cider, Perry & Sake, Aperitifs, Bitters, Vermouths, Beer, Service of Spirits - Service styles - neat/on-the-rocks/with appropriate mixers - Whisky, Vodka, Rum, Gin, Brandy, Tequila Service of Liqueurs - Service styles - neat/on-the-rocks/with cream/en frappe
5	Matching Wines with Food	Menu Planning with accompanying Wines - Continental Cuisine and Indian Regional Cuisine Table laying & Service of menu with accompanying Wines - Continental Cuisine and Indian Regional Cuisine

REFERENCE BOOKS

Sl.No	Book Name	Author& Publisher
1	Food and Beverage Service	Dennis Lillicarp, Hodder and Stoughton Educational
2	Food and Beverage Service	John Cousins, Hodder and Stoughton Educational
3	Food and Beverage Service	Sudhir Andrew , Tata McGraw Hill Education
4	Food and Beverage Service	JagmohanNegi, Frank Brothers & Co .Ltd, Delhi
5	Food and Beverage Service	Bobby George and Sandeep Bhattacharya, Jaico Publishing House, Delhi

BSH4B06 FOOD & BEVERAGE PRODUCTION -II

Mod	Topic	Content
ule		
1	INDIAN COOKERY	Introduction to Indian foods . CONDIMENTS AND SPICES; Spices used in Indian Cookery - Role of spices in Indian cookery - Indian equivalent of spices (names). BASIC MASALAS; Blending of spices and concept of 'masala'- Different masalas used in Indian Cookery - Wet masalas - Dry masalas - Composition of different masalas - Varieties of masalas available in regional areas - Special

		masala blends. THICKENING AGENTS; Role of thickening agents in Indian cuisine - Types of thickening agents
2	QUANTITY FOOD PRODUCTION	EQUIPMENT- Quality of equipment used - Specification of equipment - Care & maintenance of equipment - Heat and cold generatingequipment - Modern developments in equipment manufacturing.
3	MENU PLANNING	Basic menu planning – recapitulation, Special emphasis on quantity food production, planning of menus for various categories, such as; School/college students, industrialWorkers Hospitals, canteens, outdoor, party's theme dinners, Transport/mobile catering, Parameters for quantity food menu planning. INDENTING:Principles of indenting - Quantities/portions for bulk production - Translation of recipes for indenting - Practical difficulties involved in indenting.
4	NTERNATIONAL CUISINE	British, Middle East, Spanish, French, Italian, Oriential And Mexican. SANDWICHES: Parts, Filling, Spreads And Garnishes, Types, Making And Storing. CHARCUTIERE; - Sausages - Forcemeats Marinades, Cures, Brines- Bacon, Ham, Gammon- Galantines - Pates And Terrines - Mousses And Mousselines - ChaudFroid - Aspic Jelly - Non Edible Displays. APPETIZERS AND GARNISHES; - Classification - Examples, Different Garnishes.
5	BAKERY	Short Crust – Laminated – Choux- Hot Water/Rough Puff - Recipes and methods of preparation - Care to be taken while preparing pastry - Role of each ingredient - Temperature of baking pastry. BREADS; Principles of bread making - Simple yeast breads - Role of each ingredient in bread making - Baking temperature and its importance. PASTRY CREAM; Basic pastry creams. Uses in confectionery. ICING AND TOPPINGS; FORZEN DESSERTS

REFERENCE BOOKS

Sl.No	Book Name	Author& Publisher
1	Practical Cookery, .	Victor Ceserani & Ronald Kinton, ELBS
2	Theory of Catering,	Victor Ceserani & Ronald Kinton, ELBS
3	Theory of Catering,	Mrs. K.Arora, FrankBrothers
4	Modern Cookery for Teaching & Trade	Vol. I, Ms. ThangamPhilip, Orient Longman

5	Herrings Dictionary of Classical & Modern Cookery,	Walter Bickel
6	Chef Manual of Kitchen Management,	Fuller, John

BSH 4B06 (P)FOOD & BEVERAGE PRODUCTION – II (PRACTICAL)

FRENCH MENUS	
MENU 1	MENU 6
Consommé Carmen	Barquettes Assort is
PouletSaute Chasseur	Stroganoff De Boeuf
Pommes Lorette	Pommes Persilles
Haricots Verts	Salade De Chou-Cru
Salade de Betterave	Garlic Rolls
Brioce	Crepe Suzette
Baba au Rhum	
MENU 2	MENU 7
Bisque D'ecrevisse	Duchesse Nantua
Escalope De VeaViennoise	Poulet Maryland
Pommes Battaille	Croquette Potatoes
CourgeProvencale	SaladeNicoise Brown
Epinardsau Gratin.	Dread
Gateau De Peche	Pate Des Pommes
MENU 3	MENU 8
Crème Dubarry	Kromeskies
Darne De Saumon Grille	Filet De Sole Walweska
Sauce Poloise	Pommes LyonnaiseFunghi
Pommes Fondant	Marirati
PetitsPois A La Flammande	Bread SticksSouffléMilanaise
French Bread	
Tarte au fruit	
MENU 4	MENU 9
Veloute Dame Blanche Cote	Vol-Au-Vent De Volaille et Jambon
De Pore Charcuterie Pommes	HomardThermidor
De Terre A La Crème Carottes	Salade Waldorf Vienna
Glace Au GingembreSalade	Rol1s
Verte	Mousse Au Chocolate
Harlequin Bread	
ChocolateCream Puffs	
MENU 5	MENU 10
Cabbage Chowder	CrabeEn Coquille Quiche
Poulet A La Rex	Lorraine Salade de

Pommes Marquise	Viande Pommes
Ratatouille	ParisienneFoccacia
SaladeDeCarottees et Celeri	Crème Brulee
CloverLeaf Bread	
SavarinDesFruits	

BSH5B07 INDUSTRIAL EXPOSURETRAINING AND REPORT

Industrial Exposure Training is an in integral part of the curriculum. Student has to undergo industrialtraining minimum 22 weeks at a single stretch. They will be awarded 100 marks (80 marks external evaluation and 20 marks internal evaluation) for the industrial training & report and for viva voce.

- 1) For award of 100 marks of IET would be on the basis of feed-back from the industryin a prescribed Performance Appraisal Form (PAF). It will be the studentsresponsibility to get this feed-back/assessment form completed form all the four departments of the hotel for submission to the institute at the end of IndustrialTraining.
- 2) Responsibilities of institute, hotel, the student/trainee with aims & objectives havebeen prescribed for adherence.
- 3) Once the student has been selected / deputed for Industrial Training by the Institute,he/she shall not be permitted to undergo it elsewhere. In case students make directarrangements with the hotel for Industrial Training, these will necessarily have to beapproved by the institute. Students selected through campus interviews will not seekIndustrial Training on their own.

INDUSTRIAL EXPOSURE TRAINING

Objective of industrial Exposure Training is to provide to students the feel of the actualworking environment and to gain practical knowledge and skills, which in turn will motivate, develop and build their confidence. Industrial Training is also expected to provide the students the basis to identify their key operational area of interest.

RESPONSIBILITIES OF THE TRAINEE

- Should be punctual
- 2. Should maintain the training logbook up-to date
- 3. Should be attentive and careful while doing work
- 4. Should be keen to learn to learn and maintain high standards and quality of work
- 5. Should interact positively with the hotel staff.
- 6. Should be honest and loyal to the hotel and towards their training.
- 7. Should get their appraisals signed regularly from the HODs or training manager.
- 8. Gain maximum from the exposure given, to get maximum practical knowledge and skills.
- 9. Should attend the training review sessions / classes regularly

- 10. Should be prepared for the arduous working condition and should face thempositively
- 11. Should adhere to the prescribed training schedule.
- 12. Should take the initiative to do the work as training is the only time where you can getmaximum exposure.
- 13. Should on completion of industrial Training, hand over all the reports, appraisal, logbook and completion certificate to the institute.

RESPONSIBILITIES OF THE INSTITUTE

- 1. Should give proper briefing to students prior to the industrial training
- 2. Should make the students aware of the industry environment and expectations.
- 3. Should notify the details of training schedule to all the students.
- 4. Should coordinate (emergencies) with the hotel especially with the training manager
- 5. Should visit the hotel wherever possible, to check on the trainees
- 6. Should sort out any problem between the trainees and the hotel
- 7. Should take proper feedback from the students after the training
- 8. Should brief the students about appraisals, attendance, marks, logbookandtraining report.
- 9. Should ensure trainees procure training completion certificate from the hotel before joining institute.

RESPONSIBILITIES OF THE HOTEL

First exposure: A young trainee's first industry exposure is likely to be the most influential inthat person's career. If the managers / supervisors are unable or unwilling to develop the skillsyoung trainees need to perform effectively, the latter will set lower standards than they arecapable of achieving, their self-images will be impaired, and they will develop negativeattitudes towards training, industry, and in all probability - their own careers in the industry.

Hotels:

- 1. Should give proper briefing session! Orientation / induction prior to commencement of training.
- 2. Should make a standardized training module for all trainees.
- 3. Should strictly follow the structured training schedule.
- 4. Should ensure cordial working conditions for the trainee.
- 5. Should coordinate with the institute regarding training programme
- 6. Should be strict with the trainees regarding attendance during training
- 7. Should check with trainees regarding appraisals, training report, log boom, etc.
- 8. Should inform the institute about truant trainees
- 9. Should allow the students to interact with the guest
- 10. Should specify industrial training "Dos and Don'ts" for the trainee
- 11. Should ensure issues of completion certificate to trainees on the last day of training

BSH 5B08 COMPREHENSIVE SELF STUDY

The aim of this course is to assess the student's knowledge of the entire programme in which he/she has gone through. It will be assessed by conducting a Multiple Choice Questions (MCQ) examination with two hours duration. 120 multiple choice questions will be asked, out of which 100 questions must be answered, in the examination. The answer scripts will be send for external evaluation.

The main objectives of this course are,

- 1. To understand the student capacity of theoretical knowledge in which they studied in all the previous semesters.
- 2. To analyse the student capacity to solve the questions within the stipulated time.
- 3. To improve the observing and listening capacity of students in the class rooms and the other learning areas, including training.

BSH6B09FRONT OFFICE OPERATION

Modul	Topic	Content	
е			
1	Introduction to Hospitality industry	 f. Introduction – What is Hospitality g. Classifications of hotels. h. Hotel organisation-Hospitality ethics and standards i. Hospitality Ethics in practice j. Traits of Hospitality employees 	
2	Front office organization	 f. Functional areas, sections and Layout of front office g. Organization of front office staff h. Duties and Responsibilities of some front office personnel i. Qualities of front office personnel e. Importance of Organization 	
3	Room Tariff	 f. Introduction of Room tariff g. Room rate designation h. Meal plans,Room tariff card,Room tariff fixation,Guest cycle i. Reservations,Types of reservation,Modes of Reservation sources of reservation,reservation reports and importance of reservation j. Registration,pre-registration,formc,passport,visa,registrationrecords,Che ck in procedures for Individual,Group and crew arrivals,very important persons in a hotel. 	

4	Guest services	 f. Handling Guest mail, Message handling g. Custody and control of keys, Guestpaging, safe deposit locker h. Guest room change, left luggage handling, wake up call i. Guest complaints, Types of Guest complaint, Handling Guest complaint j. Check out and settlement, departure procedure, Mode of settlement of bills, foreignexchange, cash settlement, credit settlement, potential check out problems and 	
		solutions, latecheckout, improper posting of charges in guest folio, control of cash and credit, Credit limit for customers.	
		f. Introduction of front office accounting	
	Front office accounting	g. Types of Accounts	
5		h. Vouchers	
		i. Folios and ledger	
		j. Front office accounting cycle and Night audit process	

REFERENCE BOOK

Sl.No	Book Name	Author
1	Hotel front office operations and Management	MrJatashankarRTewari
2	Hospitality Reception and front office procedure and	Dr.JagmohanNegi
	system	
3	Front office Management	Mr S.K Bhatnakar
4	Training manual for front office operations	MrSudhir Andrews
5	Managing front office operations	Mr Michael L Kasavana

BSH6B09 (P)FRONT OFFICE OPERATIONS (PRACTICALS)

PRACTICALS			
Sl.No	Topic	Method	
1	Reservation	Demo in PMS Lab	
2	Registration	Demo in PMS Lab	
3	Guest history	Demo in PMS Lab	
4	Telephones	Demo & Practical Session	
5	Housekeeping	Demo in PMS Lab	
6	Daily transactions	Demo in PMS Lab	
7	Front office accounting procedures	Demo/Practice	
	(a)Manual accounting	Demo/Practice	
	(b)Machine accounting	Demo /Practice	
8	(c)Payable,Accountsreceivable,Guest history.	Demo	
9	Role play	Demo/Practice	
10	Situation handling	Demo/Practice	
REFER	ENCE BOOK		
Sl.No	Book Name	Author	
1	Hotel front office operations and Management	MrJatashankar R Tewari	
2	Hospitality Reception and front office procedures and system	Dr.JagmohanNegi	
3	Front office Management	Mr S K Bhatnakar	
4	Hotel Front office training manual	Sudhir Andrews	

BSH6B10 ACCOMMODATION MANAGEMENT

Module	Topic	Content	
1	Linen and Uniform room management	 a. Layout, responsibilities of linen room supervisor, and attendant. b. Type's storage and exchange of linen, par stock and linen control. c. Purchase of Linen. 	
		d. Issue and exchange procedures of linen.e. Advantage of providing staff uniforms.	
2	Laundry Operations	a. Types of laundry and laundry equipment's.	

		b. Wash cycle	
		c. Dry cleaning	
		d. Stain removal.	
		e. Layout of laundry, on premises laundry – location &	
		planning.	
		 a. Objectives types and principals of design. 	
		b. Types / styles of flower arrangements.	
	Interior design & flower	c. Equipment's and types of flower used for the	
3	arrangements	arrangements	
		d. Flower arrangements at various locations.	
		e. Care and Conditioning of flowers.	
		a. Importance of supervision.	
	Housekeeping supervision	b. Check list for guest room inspection.	
4		c. Types of guest complains	
	supervision	d. Handling of guest complaints	
		e. Guest floor reportable and guest floor rules.	
		 a. Contracts –contract services in housekeeping, hiring 	
5	Contracts and out sourcing in Housekeeping	contract providers,	
		Contract specification, pricing contract.	
		b. Out sourcing	
	Поизексериів	c. Changing trends in housekeeping	
		d. Pest control – types and methods	
		e. Waste management- collection segregation and disposal	

Reference Books:

Sl.No	Book Name	Author
1	Hotel Housekeeping Operations & Management	G.Raghubalan,SmarteeRaghubalan
2	Housekeeping Theory & Practices	Dr.JagmohanNegi
3	Professional Management of Housekeeping Operations	Robert.J.Martin
4	Hotel Housekeeping	Milani Singh
5	Hotel Housekeeping Training Manuel	Sudhir Andrews
6	Accommodation Operation Management	S.K .Kaushal, S N Gautham

BSH 6B11 ROOMS DIVISION MANAGEMENT

Mo dule	Topic	Content	
1	Computer applications in front office Yield Management	f. Property Management system g. Different types of Modules in PMS h. Different property management system i. Interface j. Self service terminal and information kiosk f. Yield Management and forecasting g. Measuring yield in the industry h. Yield management in the hotel industry i. Elements of yield management j. Benefits of yield management, yield management strategies, challenges or problems in yield management, Measuring yield, forecasting, benefits of forecasting, Data required for forecasting, record required for forecasting	
3	Evaluating Hotel performance	room availability, yield management prospects f. Methods of measuring hotel performance g. Occupancy ratio h. Average daily rate and average room rate per guest i. Revenue per available room j. Market share index and evaluation of hotels by guest	
4	Overview of soft skills for hospitality	f. Introduction g. Job opportunities and their skill requirement h. Definition of Hard and soft skills i. Role of National skill development corporation j. Soft skill requirements for the service industry and teaching soft skills	
5	Total Quality Management	 f. Guests perception of quality g. Introduction to total Quality Management h. Practices in total quality management i. Japanese 5 s practice j. Business process Re-engineering, Quality control circles, kaizen, Benchmarking, Benefits of total quality management 	

REFERENCE BOOKS

Sl.No	Book Name	Author
1	Hotel front office operations and management	Jatashankar. R.Tewari

2	Hospitality reception and front office procedures and	Dr.JagmohanNegi
	systems	
3	Front office management	S.k.Bhatnagar
4	Managing front office operations	Michael. L.kasavana
5	Soft skills for hospitality	Amitabh Devendra

BSH/C 6B12FOOD AND BEVERAGE MANAGEMENT

Module	Topic	Content
1	Cost 9 Colos Dunamies	Cost & Cost Accounting - Elements of Cost - Classification of Cost -
1	Cost & Sales Dynamics	Sales Concept - Uses of Sales Concept
		Importance, Objectives, Methods, Levels and Techniques.
2	Inventory Control	Perpetual Inventory - Monthly Inventory. Pricing of Commodities -
		Comparison of Physical andPerpetual Inventory
		Receiving- Storing- Issuing- Sales Control Production Control-
		Standard Recipe - Standard Portion Size - Bar Frauds - Books
	Food &Beverage	maintained- Beverage Control - Sales Control - Procedure of Cash
3	Control Purchasing &	Control- Machine System- ECR- NCR- POS – Reports - Budgetary
	Budgetary control	Control-
		Budget,BudgetaryControl,Objectives,FrameWork,KeyFactors,Types of Budget
	Standard	Standard Cost- Standard Costing. Cost Variances- Material
4		Variances - Overhead Variances - Labour Variance - Fixed Overhead
4	Costing, Variance Analysis & Breakeven	Variance- Breakeven Analysis- Breakeven Chart - P V Ratio –
	Alidiysis & Dreakevell	Contribution- Marginal Cost
		Menu Control- Menu Structure – Planning. Pricing of Menu - Types
5	Menu Merchandising	of Menu. Menu as a Marketing tool – Layout - Constraints of Menu
		Planning

REFERENCE BOOKS

Cost Accounting: S.P.JAIN, K.L.NARANG

Food and Beverage Management: BERNAD DAVIS, ANDREW LOCKWOOD, SALLY STONE

COMPLIMENTARY COURSES

BSH/C 1C01 SALES AND MARKETING

Module I: Marketing – basic concepts – needs, wants, demand, exchange, transaction, valueand satisfaction in hospitality industry – marketing process – marketing philosophies – Products and Services, Application of different marketing concepts in hotel/ service industry.

Module II: Marketing information system – concepts and components – internal record systemresult area) – marketing intelligence system – scope in hospitality business– processes and characteristics – managerial use – MIS with special reference to rooms, restaurants – banquets and facilities.

Module III: Product – defining the hospitality products – difference between good and services product – levels of product – generic, expected, augmented, potential tangible and intangible products – Product life Cycle - product mix in hospitality business.

Module IV: Marketing environment – a basis for needs and trend analysis and marketing effectiveness – SWOT analysis for hospitality industry of Micro and Macro environment. Pricing and Pricing Strategies - Advertisement and Promotion.

Module V: Branding – basic concepts – brand equity – branding of hotels. Pricing of hospitality – concepts and methodology. Organizational customer- Types. Methods & Steps. Principles and practice of hospitality selling – Selling process – AIDA model. Latest trends in Hospitality Marketing

REFERENCE BOOKS

- 1. Marketing and sales strategies for hotels and travel trade JAGMOHAN NEGI
- 2. Marketing for hospitality and tourism PHILIP KOTLER, JOHN BOWEN AND JAMES MAKEN
- 3. Tourism marketing S.M. JHA
- 4. Tourism marketing and communication ROMILA CHAWLA
- 5. Marketing in travel and tourism VICTOR T.C MIDDLETON
- 6. Principles of Marketing PHILIP KOTLER & ABRAHAM KOSHI.
- 7. Principles of Marketing NAMATHA KUMARI.
- 8. Fundamentals of Marketing TAPAN PANDEY, BUCKLEY R AND CAPLE, JIM,

BSH/C1C02TRAVEL AND TOURISM

Module I. Introduction to travel and tourism – meaning – nature – definitions –Tourism, Tourist, Visitor, Excursionist -purpose of travel- travelers and visitors-the industry definitions followed in India-international tourism-domestic tourism-in bound tourism -out bound tourism-mass tourism -basic components of tourism- elements of tourism-future of tourism-Characteristics of Tourism. History of travel and tourism – Role of Transportation in Tourism– Air, Rail, Road, Sea-Cruises-

Module II. Tourism planning and development-Tourism Policy formation-Types of tourism Planning- Steps o tourism Planning-Role of international organizations Planning-Tourism Policy of India- Tourism in Kerala and its policy- Participation of Public and private sector in Planning Economics of Tourism- Travel motivations- Job opportunities and employment generation-Govt. Revenue and foreign currency exchange- Economic growth based on tourists statistics-Economic benefit of tourism

Module III. Organizations in tourism – World Tourism Organization (WTO), International Air Transport Association (IATA), International Civil Aviation Organization (ICAO), Pacific Area Travel Association (PATA), India Convention Promotion Bureau (ICPB), Federation of Hotel and Restaurant Association of India (FHRAI), Travel Agent Association of India (TAAI), Universal Federation of Travel Agents Association (UFTAA).

Module IV. Travel Agency-concept, -role-functions-types of Travel agencies, Department of Travel agencies, Major activities-Income sources of travel agencies-Tour Operation-Meaning-definition-functions-types of tour operation overseas, domestic, specialist-main types of tour packages-Independent, escorted, guided- FIT, GIT, inbound, outbound.- Travel formalities, types of passport, types of VISA, health related documents.

Module V- Tourism Products - meaning-definition—Types-India's rich heritage- architectural heritage, forts, palaces, monuments-World heritage sites-Museums and Art Galleries-handicrafts- Culture and tradition-folklore, cuisine, costume, religions (Jainism, Islam, Hinduism, Christianity, Sikhism) Dance (Classical) and Music (instruments) - Fairs and festivals in India-Natural Products of India- Mountains, hill stations, caves, Forests, Deserts, Waterfalls, Beaches, Backwaters, islands, farms and plantations - Wildlife resources of India – national parks and wildlife sanctuaries in India – bio reserve centers

Reference

- 1. Pran Seth: Successful tourism Management (Vol. 1 & 2)
- 2. A.K Bhatia: International Tourism
- 3. A.K Bhatia: Tourism Management & Marketing.
- 4. Christopher.J. Hollway; Longman; The Business of Tourism
- 5. Cooper, Fletcher et al, (1993), Tourism Principles and Practices, Pitman.
- 6. P.N. Seth: Successful Tourism Development Vol. 1 and 2, Sterling Publishers
- 7. Page, S: Tourism Management: Routledge, London
- 8. Glenn. F. Ross The Psychology of Tourism (1998), Hospitality Press, Victoria, Australia

BSH/C2C03 EVENT MANAGEMENT

Module I:- Events-Event management – definition – Broad classification of Events (types). Event planning, Five C's of event management -Conceptualization, Costing, Canvassing, Customization, Carrying out- Role of events in promotion of tourism.

Module II:- MICE – Meeting – Incentives – Conference – Convention – Exhibition – Trade shows and fairs, Leisure Events, Sports Events – organizers – sponsorship – event management as a profession.

Module III:- Event Planning and organizing – Problem Solving and Crisis Management – Leadership and Participants Management – Managing People and Time – Site and Infrastructure Management.

Module IV:Event Marketing – Customer care – Marketing equipment and tools – Promotion, Media Relations and Publicity - Event Co-ordination - Visual and Electronic Communication – Event Presentation – Event Evaluation – Case Studies of events.

Module V: Travel Industry Fairs – Benefits of Fairs - ITB, WTM, BTF, TTW, FITUR, KTM, IITM, CII-Events, PATA Travel Mart- India Convention Promotion Bureau (ICPB).

Reference Books:

- 1. Event marketing and management Sanjayasingh Gaur,
- 2. Event management and event tourism Gelz,
- 3. Hospitality marketing and management J M Mathews
- 4. Event and entertainment marketing, Avrichbarry (1994), Vikas, Delhi.
- 5. Event management, Bhatia A.K. (2001), Sterling Publishers, New delhi.
- 6. Event management in leisure and tourism, David C Watt (1998), Pearson, UK.
- 7. Event planning 2nd Edn.By Allen, Judy, 1952- the ultimate guide to successful meetings, corporate events, fund-raising galas, conferences, conventions, incentives and other special events / Judy Allen.ISBN 978-0-470-15574-5

BSH/C 2C04 MANAGEMENT PRINCIPLES AND PRACTICES.

Module I: Nature and Scope of Management: Evolution of Management - Schools of management thought - F.W.Taylor and Henry Fayol - Principles of Management - Management as a science and an art - Management process.

Module II: Functions of Management: Planning: Types of plan - Planning process – Organizing:Span of control - Line and staff functions - Centralization and decentralization – Delegation - Staffing: Manpower planning: Recruitment - Selection and placement. Directing. Principles of direction – Co-coordinating and controlling.

Module III: Manager Vs Leader: Leadership and motivation: leadership styles -Theories of motivation- MBO - Management of performance - Team ManagementCharacteristics of work group - Work group behaviour and productivity - Team creationand management.

Module IV: Communication in Management-Importance,SMMR model,Communication & Information,Communication Process, barriers to Communication,Types of Communication,verbal &Non verbal communication.Conflict resolution.

Module V: Ethics & Management: Relevance of values in management – Holistic approach for managers in decision making - Ethical Management: Role of organisational culture in ethics - structure of ethics management - Ethics Committee.

Reference Books:

- 1. Essential of Management Harold Koontz & Heinsz Weirich
- 2. Management H. Koontz & Cyrill O'Donnell.
- 3. Management Theory Jungle, H. Koontz.
- 4. Principles of Management Peter F. Drucker.
- 5. Management Concepts V.S.P. Rao, Konark Publishers
- 6. Principles & Practice of Management L.M. Prasad, S. Chand.
- 7. Organization & Management R. D. Agarwal, Tata McGraw Hill.
- 8. Modern Business Administration R.C., Pitman.
- 9. Human Resource Management Railey M., Butterworth Heinemann

BSH/C 3C05 NUTRITION HYGIENE AND SANITATION

Module 1: Definition of the terms Health, Nutrition and Nutrients. Importance of Food – (Physiological, Psychological and Social function of food). NUTRIENTS: Classification of nutrients. CARBOHYDRATES: Definition, Classification (mono, di and polysaccharides), Dietary Sources, Functions, Significance of dietary fiber (Prevention/treatment of diseases). LIPIDS: Definition, Classification: Saturated and unsaturated fats, Dietary Sources, Functions, Significance of Fatty acids (PUFAs, MUFAs, SFAs, EFA), Cholesterol – Dietary sources and the Concept of dietary and blood cholesterol.

Module 2:PROTEINS: Definition, Classification based upon amino acid composition, Dietary sources, FunctionsMethods of improving quality of protein in food (special emphasis on Soya proteins and whey proteins). VITAMINS: Definition and Classification (water and fats soluble vitamins), Food Sources, function and significance of:Fat soluble vitamins (Vitamin A, D, E, K), Water soluble vitamins (Vitamin C, Thiamine, Riboflavin, Niacin,Cyanocbalamin Folic acid. MINERALS: Definition and Classification (major and minor), Food Sources, functions and significance of: Calcium, Iron, Sodium, And Iodine& Fluorine.Effects of heat on starch, milk, meat, vegetables, role of fat in cooking, types of fat, spoilage of fat

Module 3:BALANCED DIET: Definition, Importance of balanced diet. RDA for various nutrients – age, gender, physiological state. MENU PLANNING: Planning of nutritionally balanced meals based upon the three food group system, Factors affecting meal planning, Critical evaluation of few meals served at the Institutes/Hotels based on the principle of meal planning. Calculation of nutritive value of dishes/meals. Food additives, Food adulteration, Food standards, Role of microorganisms in manufacturing bread, cheese, beverages etc. Egg white foams.

Module 4:MICRO-ORGANISMS IN FOOD: General characteristics of Micro-Organisms based on their occurrence and structure. Factors affecting their growth in food (intrinsic and extrinsic) Common food borne micro-organisms: Bacteria (spores/capsules), Fungi, Viruses, Parasites

Module 5:FOOD SPOILAGE & FOOD PRESERVATION: Types & Causes of spoilage, Sources of contamination, Basic principles of food preservation, Methods of preservation (High Temperature, Low Temperature, Drying, Preservatives & Irradiation). HYGIENE AND SANITATION IN FOOD SECTORGeneral Principles of Food Hygiene, GHP for commodities, equipment, work area and personnelCleaning and disinfect ion (Methods and agents commonly used in the hospitality industry)HACCP (Basic Principle and implementation)

REFERENCE BOOKS

1) Food Science: B Srilakshmi

2) Food Science and Nutrition: Malathi

3) Nutrition Science: B Srilakshmi

4) Food and Nutrition: P K Jas.

BSH/C 3C06 FACILITY PLANNING

Module -I

HOTEL DESIGN: Hotel design considerations, Systematic Layout Planning, Rules for allocation of space in a hotel.

Module-II

HOTEL CLASSIFICATION: Types of hotel, Guidelines for Approval of Hotel Projects and its classification, Classification of hotels including Heritage and Apartment Hotels

Module -III

KITCHEN and RESTAURANT DESIGN: Designing and planning restaurant, Bar design, Physical layout of kitchen, Kitchen configuration and environmental conditions

Module-IV

PROJECT MANAGEMENT: Basic rules and procedure for network analysis, CPM & PERT, Comparison of CPM & PERT

Module V

ENERGY CONSERVATION PROGRAMME IN HOTEL INDUSTRY: Energy conservation, Conservation of energy in different hotel areas, Energy Audit

REFERENCE BOOKS:

- Systematic layout planning-Richard MutherCahners
- Hotels and resort planning by Fred Lawson
- Food service planning-layout and equipment-Lendall H Kotschevar, Margret E Tarell Hotel facility planning-Tarun Bansal

BSH/C 4C07 HOTEL LAWS

Module 1:

Indian Contract Act 1872 – Contract – Nature and Classification of Contracts – offer and acceptance – consideration – capacities of parties – free consent – coercion – undue influence misrepresentation- fraud – mistake – void agreements – discharge of contract – breach of contract and remedies- contingent contract - quasi contracts.

Module 2:

Special Contracts – Contract of Indemnity – meaning – nature – right of indemnity holder – and indemnifier – Contract of Guarantee- Meaning – nature - and features- surety and cosurety- rights and liabilities- discharge of surety from his liabilities.

Module 3:

Contract of Bailment And Pledge – rights and duties of bailer and bailee – pledger and pledge – pledge by non owner – Agency – duties and liabilities of agent and principal - termination ofagency.

Module 4:

Sale of Goods Act, 1930 – Contract of sale of goods – Meaning – Essentials of contract of sale – Conditions and warranties- caveat emptor – sale by non owners – rules as to delivery of goods – auction sale - rights of unpaid seller.

Module 5:

Hotel laws-Shops & establishment act-Rights of Innkeeper &tenant, Various laws pertaining to hotel Industry-The Consumer Protection Act, 1986 – Definition – consumer – complainant – goods – service –complaint – unfair trade practices – restrictive trade practices – rights and remedies for consumers -consumer protection council – consumer disputes redressal agencies.

REFERENCE BOOKS:

HOTEL LAWS- AMITHABH DEVENDRA; OXFORD PUBLICATIONS.

MERCANTILE LAW: M.C KUNHAL.

MERCANTILE LAW: GARY AND CHAWLA.

BUSINESS LAW: TULSIAN.

BUSINESS LAW: GARY AND CHAWLA.

BSH/C 4C08HUMAN RESOURSE MANAGEMENT

Module	Topic	Content
	Harris Danas and	A. Micro
1	Human Resource Planning	B. Macro
		HRD applications in Hotel Industry
		Relevance of HRD in Hotel Industry
2	Personnel Office	A. Functions
		B. Operations
		Hotel Environments and Culture
		HRD Systems
		A. Concepts
		B. Scope
		C. Limitations
		Job Analyses and Job Description
		Job Evaluation Methods
3	Job Evaluations	Task Analyses
		Demand and Supply Forecasting
		Human Resource Information System
		Human Resource Audit
		Human Resource Accounting Practices
		Recruitment and Selection
	Attracting and Retaining Talents	Strategic Interventions
		Induction and Placement
		Staff Training and Development
4		Training Methods and Evaluation
		Motivation and Productivity
		Motivation and Job Enrichment
		Career Planning
	Employee Counseling	Performance Monitoring and Appraisal
		Transfer, Promotion and Reward Policy
		Disciplinary Issues
		Employees' Grievance Handling
5		Compensation and Salary Administration
		Employee Benefits and Welfare Schemes
		Labour Laws and Regulations Related to Hotel Industry
		Gender Sensitivities
		Emerging Trends and Perspectives
		Impacts of Mergers and Acquisitions on Human Resource
		Practices

Reference Books

- Human Resource Management for Hospitality and Tourism Industries by Dennis Nickson, Paperback
- 2. Human Resources Management in the Hospitality Industry. David K. Hayes, Ph.D. and Jack D. Ninemeier, Ph.D
- 3. Human Resource Management in the Hospitality Industry A guide to best practice Ninth edition Michael J. Boella and Steven Goss-Turner
- 4. HRM in Hotel and Tourism Industry Existing Trends and Practices Percy K.Singh, Jain Book agency
- 5. HRM in Hotel and Tourism Industry Existing Trends and Practices O P Agarwal, Jain Book agency

OPEN COURSES

BSH/C 5D01 TOURISM AND HOSPITALITY MANAGEMENT

Module I: Introduction to travel and tourism:- Important phenomenon's helped the development of evolution of travel and tourism- the meaning of tourism-purpose of travel (motivations)-travelers and visitors-the industry-definitions followed in India-international tourism-basic components of tourism- elements of tourism-future of tourism

Module II:Development of means of transport: - Road transport-Sea/Water transport, Cruise industry-Rail transport-luxury trains of India-Air transport-India and international- Travel Documents.

Module III: Tourism Products:-Types (Natural, Manmade, Symbiotic) –Eco tourism, Adventure tourism- Sustainable tourism- Responsible tourism- Nature based tourism- Green tourism- Multi sport adventures- Cultural tourism- Health tourism- Rural tourism- Ethnic tourism - Spiritual tourism- Golf tourism- Space tourism- Pro poor tourism- Dark Tourism etc.- Important Tourist Destinations in India and Kerala

Module IV: Accommodation Industry- History-Types-Departments-Categorisation in India (Star)-Room types-Travel Agency-Types and Functions-Tour Operators-Types and Functions - Characteristics of tourism- Impacts of tourism (Economic, Environmental, Socio-cultural) - Reference Books

Reference Books

- 1. Pran Seth: Successful tourism Management (Vol. 1 & 2)
- 2. A.K Bhatia: International Tourism
- 3. A.K Bhatia: Tourism Management & Marketing.
- 4. Christopher.J. Hollway; Longman; The Business of Tourism
- 5. Cooper, Fletcher et al, (1993), Tourism Principles and Practices, Pitman.
- 6. P.N. Seth: Successful Tourism Development Vol. 1 and 2, Sterling Publishers
- 7. Page, S: Tourism Management: Routledge, London
- 8. Glenn. F. Ross The Psychology of Tourism (1998), Hospitality Press, Victoria, Australia.

BSH/C 5D02 BASICS IN CULINARY

Module I: Cooking Principles: What is cooking?, Objectives of Cooking-The Basic Cooking Methods- Dry-Heat Cooking Methods- Moist-Heat Cooking Methods.

Module II: Knife Skills & Basic Knife Cuts: Knife Skills 101, The Anatomy of a Chef's Knife, How to Use A Chef's Knife, How To Chop an Onion, Basic Knife Cuts.

Module III: Food Safety: When Food Goes Bad- What is Cross- contamination?- Food Temperature Danger Zone - Chicken & Poultry Safety Tips- Ground Beef Safety Tips- Slow Cookers and Food Safety- Brown Bag Lunches and Food Safety- Cutting Boards and Food Safety - Food Temperature Danger Zone - Food Poisoning Symptoms - How to Wash Your Hands.

Module IV: Stocks & Sauces: Role of Stocks and sauces in cooking- The Mother Sauces- Stock Making Basics- Chicken Stock Recipe- Vegetable Stock Recipe - Chicken Velouté Sauce - SuprêmeSauce Recipe - Making Beef Stock - Espagnole: Basic Brown Sauce - Demi-Glace Recipe - Beurre Blanc Sauce - Béchamel Sauce Recipe - Hollandaise Sauce Recipe

BSH/C 5D03 INTRODUCTION TO BANQUETS AND BUFFETS

Module	Topic	Content
1	Introduction to function	1.Introduction to function catering
	catering	2.Banquets
		3.Types of functions
		4.Function staff
		5.Staff requirement calculation
2	Function Menu and	1.Function Menus
	equipment	2.Banquet menu planning
		3.Wine list
		4.Food Service equipment
		5.Other function equipment
3	Table set-ups and service	1.Table plans
	methods	2.Spacing
		3.Table set-ups
		4.Service during formal functions
		5.Service during informal functions
4	Function Booking and	1.Booking a function
	organization	2.Organizing a function
		3.Briefing
		4.Procedure for toasts at formal function
		5.Procedure for toasts at formal wedding
5	Outdoor catering & Buffet	1.Introduction to outdoor catering

2.Staff requirement
3. Calculating tables & equipments required
4.Introduction to Buffet
5. Types of buffet, buffet settings

Reference Book

Sl.No	Book Name	Author
1	Food and Beverage Service	R. Singaravelavan-Oxford university press
2	Food & Beverage Service	Vijay Dhawan-Frank Bros & Co
3	Text book of Food and	Sudhir Andrews-The McGraw-Hill companies
	Beverage Management	

Common courses

BSH3A11 BASIC NUMERICAL METHODS

Course No: 3.1

Course Code: BSH3A11

Course Name: Basic Numerical Methods

Credits: 4

Hours per week: 4 Total hours: 64 Course Objectives:

- To enable the students to acquire knowledge of numerical equations, matrices progressions, financial mathematics and descriptive statistics
- At the end of this course, the students will be able to understand numerical equations, matrix, progression, financial mathematics, descriptive statistics and their applications.

Module I:

Numerical expressions and Equations: Simultaneous linear equations (up to three variables), Quadratic equations in one variable-factorization and quadratic formula [10 Hours]

Module II

Matrices: introduction - type of matrices –trace and transpose and determinants - matrix operations – adjoint & inverse–rank- solving equations by matrices: Cramer's Rule(not more than 3 variables). (15 Hours)

Module III

Sequence, Series and Progression :Concepts and differences - Arithmetic progression- n th term and sum of n terms of an AP - Insertion of Arithmetic means in AP - Geometric progression- 'n'th term and sum of n terms of an GP - Insertion of Geometric Mean in GP - Harmonic progression. (20 Hours)

Module IV

Interest and Time value: Concept of interest-Types of interest: Simple interest and compound interest – nominal, real and effective rate of interest. Future value and Present Value; Annuity and Perpetuity. Computing future and present values of annuity (regular and immediate) - multi and growing period perpetuity. Compound annual growth rate- computation of Equated Monthly Installments (EMI). (15

Hours)

Module V:

Descriptive Statistics: Measures of Central Tendency – Mean : Arithmetic mean , Geometric mean and Harmonic Mean- Median ,Mode and other position values. Measures of Dispersion: mean deviation, quartile deviation, standard deviation and coefficient of variation. Measures of Skewness and Kurtosis. (20 Hours)

Reference Books

- 1.Business Mathematics and Statistics- N G Das & J K Das (Tata McGraw Hill)
- 2. Basic Mathematics and its Application in Economics S. Baruah (Macmillan)
- 3. Mathematics for Economics and Business R. S. Bhardwaj (Excel Books)
- 4. Business Statistics G. C. Beri (Tata McGraw Hill)
- 5. Fundamentals of Statistics S.C.Gupta (Himalaya Publishing House)
- 6.SP Gupta ,Statistical Methods, Sultan Chand
- **7.**Dinesh Khattar-The Pearson guide to quantitative aptitude for competitive examinations.
- 8. Dr. Agarwal.R.S– Quantitative Aptitude for Competitive Examinations, S.Chand &Co. Limited.
- 9.. Abhijit Guha, Quantitative Aptitude for Competitive Examinations, Tata Mcgraw Hill, (Theory and problems may be in the ratio of 20% and 80% respectively. An over view of the topics is expected and only simple problems shall be given)

BSH3A12 PROFESSIONAL BUSINESS SKILLS

Lecture Hours per week: 4

Credits: 4 Internal: 20 External: 80

Examination 2.5 Hours

Objectives:

- To update and expand basic Informatics skills of the students
- To equip the students to effectively utilize the digital knowledge resources for their study

Module I

Professionalism: Meaning -Definition – Characteristics - Traits and Qualities of a good professional - Professionalism in business - Professional Skills: important soft skills for business success Professionalism in Communication: Verbal Communication: Professional Presentation - Different Presentation Postures- Written Communication: Email - Significance of Email in business – Email etiquette: format - rules – dos and don'ts - Technical Documentation:

Standards – Types (15 Hours, 15 marks)

Module II

E-Learning :Introduction of electronic learning - benefits and drawbacks of e-Learning - Online education - Digital age learners - Knowledge resources on internet - E-books, Audio, Video and other means for e-learning- Introduction to e-content development and tools - Online libraries – MOOCs - The e-Learning as a service Industry - major technologies used in e-earning- different approaches for eLearning delivery - E-learning in India (12 Hours, 12 marks)

Module III

Business Data Analysis: Features of New Generation Computers – Concept of data analysis – Business Data Analysis – Data Analyst – Types of analysts - organisation and source of data, importance of data quality, dealing with missing or incomplete data- Social Networking Analysis – Big Data Analysis - Role of Data Scientist in Business & Society - Role of Artificial Intelligence and Intelligent Agents in ebusiness - Ethical and Legal considerations in Business Analytics (18 Hours, 18 marks)

Module IV

Socio - Cyber Informatics: IT and society - Digital Divide — Digital natives-Cyber space- New opportunities and threats - Cyber ethics - Cyber-crimes -Types - Cyber Laws — Organisations related with cyber laws-Cyber addictions - Information overload - Health issues - e-waste and Green Computing —Recent E-governance initiatives in India (15 Hours, 15 marks)

Module V

Digital Marketing: Introduction to Digital marketing Environment –meaning & Concept – Need for digital marketing – Advantages and disadvantages of digital marketing -Trends in digital marketingTypes of digital marketing – Business models in digital marketing Business to Business (B2B), Business to Customer (B2C), Customer to Customer (C2C), Business to Employees (B2E), Business to Government (B2G) - Online advertising - types of online advertising - Top e-commerce websites around the world and its scenario in India. PPC (Pay per Click) advertising – Search engine Analytics – search engine ads – social media channels and ads.

(20 Hours, 20 marks)

References Books:

- 1. Professional Business Skills Lee Pelitz 2nd Edition
- 2. Peter Norton, Introduction to Computers, Tata McGraw Hill Private Limited, New Delhi, 2009.
- 3. Alan Evans, ITL ESL, Leslie Lamport, Dolores Etter, Darren George, Kenneth C Laoudon, Gary Rogers, Rainer Handel, INFORMATICS -Technology in Action, Pearson Education, Delhi, 2009.
- 4. V.Rajaraman, Introduction To Information Technology, PHI Learning Private Limited, New Delhi, 2009.
- 5. Daniel Minoli&EmmaMinoli, Web Commerce Technology Hand Book, Tata McGraw Hill, New Delhi, 2009
- 6. Godfrey Parkin, Digital Marketing: Strategies for online success, New Holland publishers Ltd, 2009
- 7. Damian Ryan, Understanding Digital marketing: Marketing strategies for Engaging the Digital generation, Kogan page, 3rd Edition, 2014
- 8. Jonah Berger, Contagious Why things catch on, Simon & Schuster, 2013
- 9. Turban E, Armson, JE, Liang, TP & Sharda, Decision support and Business Intelligence Systems, 8thEdition, John Wiley & Sons, 2007
- 10. Frank J. Ohlhorst, Big Data Analytics, 1st Edition, Wiley, 2012.
- 11. Efraim Turban, Ramesh Sharda, Jay Aronson, David King, Decision Support and Business Intelligence Systems, 9th Edition, Pearson Education, 2009.
- 12. Microsoft Office 2007 Business Intelligence Reporting, Analysis, and Measurement from the Desktop, Doug Harts, TATA McGraw-Hill Edition, 2008
- 13. Data Mining for Business Intelligence: Concepts, Techniques, and Applications in Microsoft Office Excel with XLMiner, GalitShmueli, Nitin R. Patel, Peter C. Bruce, Wiley Publication, 2010
- 14. Data Mining: Concepts and Techniques", Morgan Kaufmann Publication, 3rd Edition, 2011 Data Science for Business What you need to know about data mining and data-analytic thinking, Foster Provost, Tom Fawcelt, O' Reilly Media Publication, 2013

BSH4A13 ENTREPRENEURSHIP DEVELOPMENT

Course No: 4.1

Course Code: BSH4A13

Course Name: Entrepreneurship Development

Credits: 4

Hours per week: 4 Total Hours 64 Course Objectives

- To familiarize the students with the concept of entrepreneurship.
- To identify and develop the entrepreneurial talents of the students
- To generate innovative business ideas in the emerging industrial scenario.

Module 1

Concepts of entrepreneur: Entrepreneur- Definitions - Characteristics of entrepreneur-Classification of entrepreneur-Entrepreneurial traits -Entrepreneurial functions - role of entrepreneurs in the economic development - Factor effecting entrepreneurial growth — Entrepreneurship — Meaning — definition - Entrepreneur vs Intrapreneur - Women Entrepreneurs - Recent development — Problems - Entrepreneurial Development Programmes - Objectives of EDP - Methods of training - Phases of EDP.

(10Hours)

Module 2

Institutional support and incentives to entrepreneurs- Functions of Department of Industries and Commerce (DIC) - Activities of Small Industrial Development Corporation (SIDCO)-Functions of National Small Industries Corporation(NSIC)- Functions of Small Industries Development Bank of India (SIDBI) - Khadi Village Industry Commission (KVIC)-Small Industries Service Institute (SISI)- Functions and services of Kerala Industrial Technical Consultancy Organisation (KITCO)-Activities of Science and Technology Entrepreneurship Development Project (STEDP)-Strategies of National entrepreneurship Development Board (NEDB) -Objectives of National Institute for entrepreneurship and small business development (NIESBUD) - Techno park-Functions of techno park Incentives Importance- Classification of incentives — Subsidy - Types of Subsidy (12 Hours)

Module 3

Micro Small and Medium Enterprises- Features- Objectives- Importance- Role of SME in the economic development- MSME Act 2006- Salient features- Credit Guarantee Fund Trust Scheme for MSMEs - Industrial estates-Classification-Benefits- Green channel- Bridge capital-Seed capital assistance-Margin money schemes –Single Window System- Sickness- Causes – Remedies Registration of SSI (12 Hours)

Module 4

Setting up of Industrial unit-(Only Basic study) Environment for Entrepreneurship – Criteria for selecting particular project- Generating project ideas-Market and demand analysis-Feasibility study Scope of technical feasibility- Financial feasibility- Social cost benefit analysis-Government regulations for project clearance-Import of capital goods- approval of foreign collaboration-Pollution control clearances- Setting up of micro small and medium enterprises-Location decision- Significance. (15 Hours)

Module 5

Project Report - Meaning-Definition - Purpose of project reports-Requirements of good report - Methods of reporting - General principles of a good reporting system - Performa of a project report - Sample project report. (The preparation of sample project report shall be treated as an assignment of this course). (15 Hours,)

Books Recommended:

- 1. Shukla M.B. Entrepreneurship and small Business Management, Kitab Mahal Allahabad.
- 2. SangramKeshariMohanty, Fundamentals of entrepreneurship,PHI,New Delhi.
- 3. Nandan H. Fundamentals of Entrepreneurship, PHI, NewDelhi.
- 4. Small-Scale Industries and Entrepreneurship, Himalaya Publishing ,Delhi
- 5. C.N.Sontakki, Project Management, Kalyani Publishers, Ludhiana.
- 6. SangamKeshariMohanty. Fundamentals of Entrepreneurship, PHI, NewDelhi
- 7. Peter F. Drucker- Innovation and Entrepreneurship.
- 8. Vasanth Desai, Small Business Entrepreneurship, Himalaya Publications.
- 9. MSME Act 2006.

BSH4A14 BANKING AND INSURANCE

Course No: 4.2

Course Code: BSH4A14

Course Name: Banking And Insurance

Credits: 4

Hours per week: 4 Total Hours : 64 Course Objectives:

- To enable the students to acquire knowledge about basics of Banking and Insurance.
- To familiarize the students with the modern trends in banking.

Module 1

-Introduction to Banking: Meaning and definition - Origin and development of banking — Customer of a bank - Structure of banking in India - Banks and economic development - Functions of commercial banks (conventional and innovative functions) - Central bank RBI — Functions - Emerging trends in banking.

- Activity: List out the name of banks as per their different category
- Assignment: Procedure for creating an account in a bank

(10 Hours)

Module 2

Negotiable Instruments: Definition - Characteristics - Types - Parties to negotiable instruments - Cheques - Types of cheques - Crossing of cheques - Drafts - Cheque vs. Draft - Endorsement - Significance - Regularity of endorsement - Liability of endorser - Electronic payments.

Activity / Assignment:

- Writing of cheque , writing of challan for Demand Draft
- Procedures for a Bank Loan.

(10 Hours)

Module 3

E-Banking-centralized online real time electronic banking (CORE)-Electronic Clearing service (ECS) - Electronic Fund Transfer - Real Time Gross settlement (RTGS)—National Electronic Fund transfer(NEFT)-society for worldwide interbank financial telecommunication(SWIFT) - E-cheque - Any Time Money - ATM.s- Credit card - Debit card-smart card - Internet banking - mobile banking - Tele-banking - financial inclusion - recent initiatives in financial inclusion. Activity / Assignment:

- Chelan filling for RTGS, EFT and NEFT
- Different types of Cards, the Procedure for application of different cards and the Procedure for blocking cards
- Procedure for application or activation of net banking, m-banking and tele-banking.

(15 Hours)

Module 4

Introduction to insurance: Concept - need of insurance-insurance as a social security tool — insurance and economic development-principles of insurance - various kinds of insurance - life and general insurance (fire, marine, medical, personal accident, property and motor vehicle insurance) - featureslife insurance Vs. general insurance.

• Activity / Assignment: List out different names of insurance companies

(15 Hours)

Module 5

Life insurance-law relating to life insurance-general principles of life insurance contract, proposal and policy—Assignment and nomination - title and claims - general insurance - law relating to general Insurance - IRDA - powers and functions - insurance business in India.

• Case Study: Preparation of a proposal for life insurance and how to claim insurance in case of any accident, death or damage.

(14 Hours)

Reference Books:

- 1. . Jyotsna Sethi and Nishwan Bhatia's *Elements of Banking and Insurance,* published by Phi Learning Private Ltd.
- 2. Indian Institute of Bankers (Pub) Commercial Banking Vol-I/Vol-II (part I& II)Vol-III.
- 3. Varshaney: Banking Law and Practice. Sultan Chand
- 4. Dr. P. Periasamy: Principles and Practice of Insurance Himalaya Publishing House, Delhi.
- 5. Inderjit Singh, RakeshKatyal& Sanjay Arora: Insurance Principles and Practices, Kalyani Publishers, Chennai.
- 6. M.N. Mishra: Insurance Principles and Practice, S. Chand & Company Ltd, Delhi.
- 10. G. Krishnaswamy: Principles & Practice of Life Insurance
- 11. Kothari &Bahl: Principles and Pratices of Insurance
- 12. B.S. Khubchandani, "Practice and Law of Banking", MacMillan India Ltd
- 13. K.C. Nanda," Credit Banking", Response Book, Sage Publication,