



Estd. 1962
NAAC 'A' Grade

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दूरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)
फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

SU/BOS/Science/6140

Date: 18/06/2019

To,

The Principal,
All Affiliated Concerned Science Colleges/Institutions
Shivaji University, Kolhapur.

Subject: Regarding syllabi, Structure, and equivalence of B.Sc. Part- I Entire CBCS
(Sem.I & II) degree programme under the Faculty of Science and Technology

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the revised syllabi, Structure, Subject list, Nature of question paper and equivalence of B.Sc. Part- I Entire CBCS (Sem.I & II) under the Faculty of Science and Technology.

| B.Sc.- Part-I Entire (Sem. I & II) Course | |
|---|---------------------------------------|
| 1) | Food Technology & Management (Entire) |

This syllabi, Structure, Subject list, Nature of question paper and equivalence shall be implemented from the academic year 2019-2020 (i.e. from June 2019) onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in (Online Syllabus)

The question papers on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October /November 2019 & March/April 2020. These chances are available for repeater students, if any.

You are, therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,

Yours faithfully,

Quke
Dy Registrar

Copy to:

| | | | |
|---|--|----|----------------------------|
| 1 | The Dean, Faculty of Science & Technology | 7 | Appointment Section |
| 2 | Director, Board of Examinations and Evaluation | 8 | P.G.Seminar Section |
| 3 | The Chairman, Respective Board of Studies | 9 | Computer Centre |
| 4 | B.Sc. Exam | 10 | Affiliation Section (U.G.) |
| 5 | Eligibility Section | 11 | Affiliation Section (P.G.) |
| 6 | O.E. I Section | 12 | P.G.Admission Section |



Path

6.5.2

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade
CHOICE BASED CREDIT SYSTEM

Syllabus For

B.Sc. Part - I

Food Technology and Managemnt (Entire)

SEMESTER I AND II

(Syllabus to be implemented from June, 2019 onwards.)



Signature

B.Sc. Part - I**Food Technology and Management (Entire)****SEMESTER I AND II**

(Syllabus to be implemented from June, 2019 onwards.)

- ❖ Guidelines shall be as per B. Sc. Regular Program
- ❖ Rules and Regulations shall be as per B. Sc. Regular Program except CBCS R. B. Sc. 3 Structure of Program and List of Courses.
- ❖ Preamble :

This syllabus is framed to give sound knowledge with understanding of Food technology and management to undergraduate students of B. Sc. Food technology and Management(Entire) Program.

Students learn Food technology and Management as a separate course (subject) from B. Sc. I.

The goal of the syllabus is to make the study of Food technology and Management popular, interesting and encouraging students for higher studies including research.



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❖ Structure of Program and List of Courses are as follows:

**(i) Structure of B. Sc. Food Technology and Management
(Entire) Programme Sem I & II**

Structure – I

| SEMESTER – I (Duration – 6 Months) | | | | | | | | | | | | | | | | |
|---|------------------------|-----------------|--------|-------|-----------|-----------------|-------|--|-----|-------------|-----|---------------------------------|-----|-----|--|--|
| Sr. No. | Course (Subject) Title | TEACHING SCHEME | | | | | | EXAMINATION SCHEME | | | | | | | | |
| | | THEORY | | | PRACTICAL | | | THEORY | | | | PRACTICAL | | | | |
| | | Credits | No. of | Hours | Credits | No. of lectures | Hours | Hours | Max | Total Marks | Min | Hours | Max | Min | | |
| 1 | DSC-FTM-A1 | 2 | 5 | 4 | 2 | 4 | 3.2 | 2 | 50 | 100 | 35 | PRACTICAL EXAMINATION IS ANNUAL | | | | |
| 2 | DSC-FTM-A2 | 2 | | | | | | 2 | 50 | | | | | | | |
| 3 | DSC-FTM-A3 | 2 | 5 | 4 | 2 | 4 | 3.2 | 2 | 50 | 100 | 35 | | | | | |
| 4 | DSC-FTM-A4 | 2 | | | | | | 2 | 50 | | | | | | | |
| 5 | DSC-FTM-A5 | 2 | 5 | 4 | 2 | 4 | 3.2 | 2 | 50 | 100 | 35 | | | | | |
| 6 | DSC-FTMA6 | 2 | | | | | | 2 | 50 | | | | | | | |
| 7 | DSC-FTM-A7 | 2 | 5 | 4 | 2 | 4 | 3.2 | 2 | 50 | 100 | 35 | | | | | |
| 8 | DSC-FTM-A8 | 2 | | | | | | 2 | 50 | | | | | | | |
| 9 | AECC-A | 2 | 4 | 3.2 | ----- | ----- | ----- | 2 | 50 | 50 | 18 | | | | | |
| Total | | 18 | 24 | 19.2 | 8 | 16 | 12.8 | - 450 | | | | | | | | |
| SEMESTER – II (Duration – 6 Months) | | | | | | | | | | | | | | | | |
| 1 | DSC-FTM-B1 | 2 | 5 | 4 | 2 | 4 | 3.2 | 2 | 50 | 100 | 35 | As per BOS Guide-lines | 50 | 18 | | |
| 2 | DSC-FTM-B2 | 2 | | | | | | 2 | 50 | | | | | | | |
| 3 | DSC-FTM-B3 | 2 | 5 | 4 | 2 | 4 | 3.2 | 2 | 50 | 100 | 35 | | | | | |
| 4 | DSC-FTM-B4 | 2 | | | | | | 2 | 50 | | | | | | | |
| 5 | DSC-FTM-B5 | 2 | 5 | 4 | 2 | 4 | 3.2 | 2 | 50 | 100 | 35 | | | | | |
| 6 | DSC-FTM-B6 | 2 | | | | | | 2 | 50 | | | | | | | |
| 7 | DSC-FTM-B7 | 2 | 5 | 4 | 2 | 4 | 3.2 | 2 | 50 | 100 | 35 | | | | | |
| 8 | DSC-FTM-B8 | 2 | | | | | | 2 | 50 | | | | | | | |
| 9 | AECC-B | 2 | 4 | 3.2 | ----- | ----- | ----- | 2 | 50 | 50 | 18 | | 200 | | | |
| Total | | 18 | 24 | 19.2 | 8 | 16 | 12.8 | - 450 | | | | | | | | |
| Grand Total | | 36 | 48 | 38.4 | 16 | 32 | 25.6 | 900 | | | | | | | | |
| • Student contact hours per week : 32 Hours (Min.) | | | | | | | | • Total Marks for B.Sc.-I (Including English) : 1100 | | | | | | | | |
| • Theory and Practical Lectures : 48 Minutes Each | | | | | | | | • Total Credits for B.Sc.-I (Semester I & II) : 52 | | | | | | | | |
| • DSC – Discipline Specific Core course: All papers are compulsory. | | | | | | | | | | | | | | | | |
| • AECC – Ability Enhancement Compulsory Course (A & B)- English | | | | | | | | | | | | | | | | |
| • Practical Examination will be conducted annually for 50 Marks per course (subject). | | | | | | | | | | | | | | | | |
| • There shall be separate passing for theory and practical courses. | | | | | | | | | | | | | | | | |
| (A) Non-Credit Self Study Course : Compulsory Civic Courses (CCC) | | | | | | | | | | | | | | | | |
| For Sem I: CCC – I : Democracy, Elections and Good Governance | | | | | | | | | | | | | | | | |
| (B) Non-Credit Self Study Course : Skill Development Courses (SDC) | | | | | | | | | | | | | | | | |
| For Sem II: SDC – I : Any one from following (i) to (v) | | | | | | | | | | | | | | | | |
| i) Business Communication & Presentation ii) Event management iii) Personality Development, iv) Yoga & Physical Management v) Resume, Report & proposal writing | | | | | | | | | | | | | | | | |



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ii) Structure of B. Sc. Food Technology and Management (Entire)
Programme Sem III & IV

Structure - II

| S E M E S T E R – III (Duration – 6 Months) | | | | | | | | | | | | | | | |
|---|------------------------|-----------------|----------|------------|----------|-----------|---|--------------------|--------|------------|-------------|----------|---------------------------------|-----|-----|
| Sr. No. | Course (Subject) Title | TEACHING SCHEME | | | | | | EXAMINATION SCHEME | | | | | | | |
| | | THEORY | | | | PRACTICAL | | | THEORY | | | | PRACTICAL | | |
| | | Credits | No. of | Hours | | Credits | No. of lectures | Hours | Hours | Max | Total Marks | Min | Hours | Max | Min |
| 1 | DSC-FTM-C1 | 2 | 3 | 2.4 | | 4 | 8 | 6.4 | 2 | 50 | 100 | 35 | PRACTICAL EXAMINATION IS ANNUAL | | |
| 2 | DSC-FTM-C2 | 2 | 3 | 2.4 | | | | | 2 | 50 | | | | | |
| 3 | DSC-FTM-C3 | 2 | 3 | 2.4 | | 4 | 8 | 6.4 | 2 | 50 | 100 | 35 | | | |
| 4 | DSC-FTM-C4 | 2 | 3 | 2.4 | | | | | 2 | 50 | | | | | |
| 5 | DSC-FTM-C5 | 2 | 3 | 2.4 | | 4 | 8 | 6.4 | 2 | 50 | 100 | 35 | | | |
| 6 | DSC-FTM-C6 | 2 | 3 | 2.4 | | | | | 2 | 50 | | | | | |
| 7 | AECC-C | 4 | 4 | 3.2 | --- | --- | --- | | | --- | --- | | | | |
| | TOTAL | 16 | 22 | 17.6 | 12 | 24 | 19.2 | | | 300 | --- | | | | |
| S E M E S T E R – IV (Duration – 6 Months) | | | | | | | | | | | | | | | |
| 1 | DSC-FTM-D1 | 2 | 3 | 2.4 | | 4 | 8 | 6.4 | 2 | 50 | 100 | 35 | As per BOS Guide-lines | 100 | 35 |
| 2 | DSC-FTM-D2 | 2 | 3 | 2.4 | | | | | 2 | 50 | | | | | |
| 3 | DSC-FTM-D3 | 2 | 3 | 2.4 | | 4 | 8 | 6.4 | 2 | 50 | 100 | 35 | | | |
| 4 | DSC-FTM-D4 | 2 | 3 | 2.4 | | | | | 2 | 50 | | | | | |
| 5 | DSC-FTM-D5 | 2 | 3 | 2.4 | | 4 | 8 | 6.4 | 2 | 50 | 100 | 35 | | | |
| 6 | DSC-FTM-D6 | 2 | 3 | 2.4 | | | | | 2 | 50 | | | | | |
| 7 | AECC- C AECC- D | --- | --- | --- | --- | --- | --- | | 3 | 70 30 | 100 | 25 10 | --- | --- | --- |
| | TOTAL | 12 28 | 18 40 | 14.4 32 | 12 24 | 24 48 | 19.2 38.4 | | | 400 700 | --- | --- | | 300 | |
| • Student contact hours per week : 32 Hours (Min.) | | | | | | | • Total Marks for B.Sc.-II (Including EVS) : 1000 | | | | | | | | |
| • Theory and Practical Lectures : 48 Minutes Each | | | | | | | • Total Credits for B.Sc.-II (Semester III & IV) : 52 | | | | | | | | |
| • DSC : - Discipline Specific Core Course : All papers are compulsory. | | | | | | | | | | | | | | | |
| • AECC- Ability Enhancement Compulsory Course (C) : Environmental Studies: EVS (Theory – 70 & Project – 30 Marks) | | | | | | | | | | | | | | | |
| • Practical Examination will be conducted annually for100 Marks per course (subject). | | | | | | | | | | | | | | | |
| • There shall be separate passing for theory and practical courses also for Environmental Studies. | | | | | | | | | | | | | | | |



Signature

College of Non-Conventional and Vocational Courses for Women ,Kolhapur

Certificate Course In German Language Syllabus - 2020-21

Course Credit : 3 Credits

Unit no :1 Content:

- Introduction (Name, country, living place, languages etc.) Asking the persons Information and Greeting.
- German alphabets, Numbers, Giving and asking information related to number (age, telephone number, mobile number etc.)
- Difference between formal and informal, personal pronouns, Verb Conjugations
- European Countries, languages and capital cities

Unit no: 2 Content:

- Hobbies, free time activities
- Conjugation of Strong verbs
- Days, Months, Seasons
- Articles
- Professions: Talking about and asking for the professions.
- Conjugation of the Verb haben and sein.

Unit no: 3 Content:

- Vocabulary related Eatables. (Students will be able to talk regarding Food, purchasing in Supermarket.)
- Sentence Structure.
- Akkusative Case and Akkusative Verbs
- Modalverbs
- Timings.

Unit no: 4 Content:

- Intercultural Training

Note :

1. Syllabus is according to the Book- Netzwerk A1
2. This Syllabus has been designed keeping the goal of International Exam for German.
3. Extra practice material will be provided.

Reference Books :

1. Fit in Deutsch 1 (Ubungs und Testbush)

Publisher Goyal Publishers & Distributors Ltd.

2. Netzwerk-Deutsch Als Freundsprache

By Stefanie Dengler, Paul Rush, Helen Schmitz and Tanja Sieber

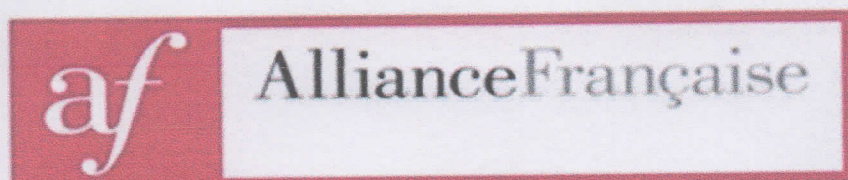
Publisher Goyal Publishers & Distributors Ltd.



College of Non-Conventional and Vocational Courses for Women ,Kolhapur

Certificate Course In French Language Syllabus - 2020-21

Course Credit : 3 Credits



ADULTS COURSES CURRICULUM OVERVIEW

A1 LEVEL (Beginner)

| LEVEL | Learning goals | Grammar topics |
|---|--|---|
| A1.1 Textbook: Texto 1 Dossiers 0, 1, 2. | <ul style="list-style-type: none">• Greetings in French• Understand days of the week and months of the year.• Count (numbers)• Spell words• Introduce yourself (give your age, your job, talk about your family, say where you are from, where you live, say the languages you speak)• Ask questions (1)• Learn basic vocabulary | <ul style="list-style-type: none">• Auxiliary verbs (to be/to have)• Genders (masculine/feminine)• Definite and indefinite articles• Plural form• Possessive adjectives (my, your, his/her...)• Regular verbs at present tense (-er verbs) |
| A1.2 Dossiers 3, Dossier 4 (leçon 13) | <ul style="list-style-type: none">• Understand a menu/Order at a restaurant• Ask questions (2)• Understand and give directions (1)• Speak about the weather• Say the time• Suggest an outing• Buy in shops | <ul style="list-style-type: none">• Plural of nouns• "on" pronoun• Negation• Prepositions of location (in, on, next to, in front of...)• Use « Quel », « Est-ce que » and « Qu'est-ce que » in a question• Demonstrative adjectives (this, that) |

Reference Books:

1. French Grammar by Robin Adamson & Brigitter Edelston
Publisher : McGraw Hill Companies Inc.
2. 'Echo Methode De Francais-2nd Edition
By J.Girardet/J.Pecheur
Publisher : CLE International



College of Non-Conventional and Vocational Courses for Women ,Kolhapur

Certificate Course In Japanese Language

Syllabus - 2020-21

Course Credit : 3 Credits

Course Description:

This course is designed to introduce students to the everyday language of Japan. Lessons will be organized around natural conversational topics, leading students from fundamental aspects of grammar to readings in simple texts.

Course Learning Outcomes:

After successful completion of the course, students will be able to,

1. To get the students acquainted with foreign language.
2. To gain knowledge of basic Japanese grammar.
3. To acquire basic Japanese language skills (listening, speaking, writing, and reading).
4. To enable students demonstrate an awareness of the relevance of Japanese language to professions and careers.
5. To make students understand the cultures and civilizations of the country of Japan.
6. To enable the students to function in an environment where Japanese is used exclusively.

Prerequisite:

A student, who is going to enroll for this course, should have following abilities:

- 1) Knowledge of basic grammar of English Language.
- 2) Communicate moderately using English Language.

Details of the content:

Introduction.

i)Geographical features, culture of Japan.

- ii)The origin of the script of Japanese language.
- iii)Introduction of Basic script, Hiragana. (46 Characters)

2).Greetings in Japanese Language –

Good Morning, Good afternoon, Good evening, Good Night,etc.

- ii) Writing Hiragana Letters from あ to ぞ and related words

3).

- i) Writing Hiragana Letters from た to ぽ and related words .
- ii) Writing Hiragana Letters from ま to ん and related words.

4)

- i) Self introduction in Japanese.
- ii) Numerals from 1 to 100

- 5).
- i) Contracted consonant letters (Hiragana script).
- ii) Doubling of consonants with the use of っ in half case (Hiragana script).



6).

i) Classroom vocabulary.

Ex. Book, homework, question, answer, practice etc.

ii) Introduction of pictorial script Kanji

人、上、山、下、川、日本語。

7).

i) Multiples of 1000

ii) Multiples of 10,000

8)

i) To express time in Japanese Language. 9 o'clock, half past nine etc.

9).

i) Introduction of date and month.

ii) Days of week.

10).

i) Introduction of Time Phrase

This month, last month, last week, today, tomorrow etc.

11).

i) Colors in Japanese

ii) Fruits, flowers in Japanese.

12).

i) Body parts.

13).

i) Writing Katakana letters from ア to ゾ

ii) Writing Katakana letters from タ to ン.

14) .

i) Expressing nationality of a particular country.

15) .

i) Contracted consonant letters (Katakana script)

ii) Doubling of consonants with the use of ツ in half case (Katakana script).

*Note: Words written phonetically using the Latin alphabet (romaji) will be only used in the very initial stage to aid learning pronunciations.

Evaluation Method : In every session student will be assessed.

Reference Text Books :

1. Minna No NihongoI ,3A Corporation, Japan
Publications :Goyal publishers.

2. Nihongoshouhou
Publication - JALTAP

Other reference material, practice papers & CDs for listening practice.