



**M. B. MORE FOUNDATION'S  
ARTS, COMMERCE & SCIENCE WOMEN COLLEGE**

Affiliated to Mumbai University

**Founder & President : Hon. Mr. Vijayrao Mahadevrao More**

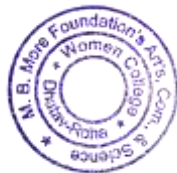
**ESTD 2012**


Outward No.

Date :

**Courses having Project Work/ Field Work (AY 2022-23)**

Sr. No.	Programme	Semester	Course	
1	Bachelor of Arts	I & II	Foundation Course- I	Project Work
2	Bachelor of Arts	III & IV	Foundation Course- II	Project Work
3	Bachelor of Arts	V	Introduction to Archaeology	Project Work
4	Bachelor of Arts	VI	Introduction to Museology and Archival Science	Project Work
5	Bachelor of Arts	VI	Tools and Techniques in Geography for Spatial Analysis- II (Practical)	Field Work
6	Bachelor of Commerce	I & II	Foundation Course- I	Project Work
7	Bachelor of Commerce	III & IV	Foundation Course- II	Project Work
8	Bachelor of Science	I & II	Foundation Course- I	Project Work
9	Bachelor of Science	III & IV	Foundation Course- II	Project Work
10	Bachelor of Science	V	Practical in Horticulture	Project Work



  
I/C PRINCIPAL  
M.B. More Foundation's  
Art's, Com., Science Women College  
ALPo. Dhatav, Tal. Roha, Dist. Raigad.

**Address :** Near Old Petrol Pump, Dhatav, Tal-Roha, Dist.- Raigad. Pin – 402 116

**Phone :** (02194) 264020 **Email :** [mbmwomencollege@gmail.com](mailto:mbmwomencollege@gmail.com) **Web :** [mbmwomencollege.in](http://mbmwomencollege.in)

**UNIVERSITY OF MUMBAI**

**SECOND YEAR B.A., SECOND YEAR B.Sc.,  
SECOND YEAR B.Com.**

**SEMESTER III AND IV**

**FOUNDATION COURSE**

**UNDER THE CBCGSS SYSTEM**

**EFFECTIVE FROM 2017-2018**



**H/C PRINCIPAL**  
M. B. More Foundation's  
Arts, Com. & Science Women College  
At. Po. Dhataw, Tal. Roha, Dist. Raigad

## FOUNDATION COURSE

### Semester III

Internal marks: 25

External marks: 75

Total Marks: 100

Lectures: 45

#### Objectives

- i. Develop a basic understanding about issues related to Human Rights of weaker sections, ecology, and science and technology.
- ii. Gain an overview of significant skills required to address competition in career choices
- iii. Appreciate the importance of developing a scientific temper towards technology and its use in everyday life

#### Module 1 Human Rights Provisions, Violations and Redressal (12 lectures)

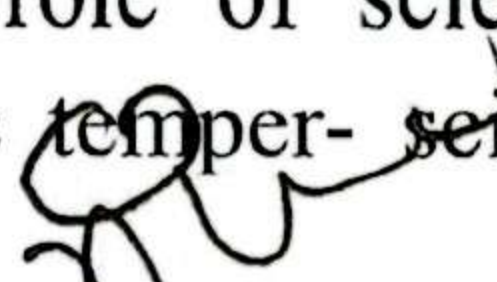
- A. Scheduled Castes- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (2 Lectures)
- B. Scheduled tribes- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (2 Lectures)
- C. Women- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (2 Lectures)
- D. Children- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (2 Lectures)
- E. People with Disabilities, Minorities, and the Elderly population- Constitutional and legal rights, Forms of violations, Redressal mechanisms. (4 Lectures)

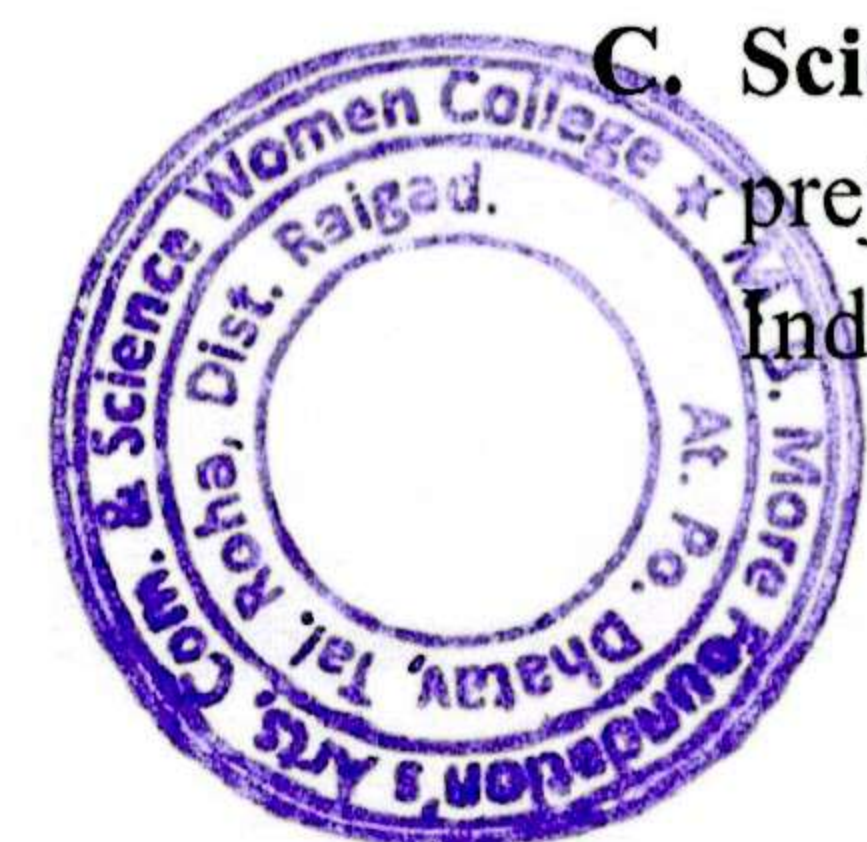
#### Module 2 Dealing With Environmental Concerns (11 lectures)

- A. Concept of Disaster and general effects of Disasters on human life- physical, psychological, economic and social effects. (3 Lectures)
- B. Some locally relevant case studies of environmental disasters. (2 Lectures)
- C. Dealing with Disasters - Factors to be considered in Prevention, Mitigation (Relief and Rehabilitation) and disaster Preparedness. (3 Lectures)
- D. Human Rights issues in addressing disasters- issues related to compensation, equitable and fair distribution of relief and humanitarian approach to resettlement and rehabilitation. (3 Lectures)

#### Module 3 Science and Technology I (11 lectures)

- A. **Development of Science-** the ancient cultures, the Classical era, the Middle Ages, the Renaissance, the Age of Reason and Enlightenment. (3 Lectures)
- B. **Nature of science-** its principles and characteristics; Science as empirical, practical, theoretical, validated knowledge. (2 Lectures)
- C. **Science and Superstition-** the role of science in exploding myths, blind beliefs and prejudices; Science and scientific temper- scientific temper as a fundamental duty of the Indian citizen. (3 Lectures)

  
WC PRINCIPAL  
M. B. More Foundation's  
Arts, Com. & Science Women College  
At. Po. Dhatav, Tal. Roha, Dist. Raigad



D. **Science in everyday life**- technology, its meaning and role in development; Interrelation and distinction between science and technology. (3 Lectures)

**Module 4 Soft Skills for Effective Interpersonal Communication** (11 lectures)

**Part A**

(4 Lectures)

- I) Effective Listening - Importance and Features.
- II) Verbal and Non-Verbal Communication; Public-Speaking and Presentation Skills.
- III) Barriers to Effective Communication; Importance of Self-Awareness and Body Language.

**Part B**

(4 Lectures)

- I) Formal and Informal Communication - Purpose and Types.
- II) Writing Formal Applications, Statement of Purpose (SOP) and Resume.
- III) Preparing for Group Discussions, Interviews and Presentations.

**Part C**


(3 Lectures)

- I) Leadership Skills and Self-Improvement - Characteristics of Effective Leadership.
- II) Styles of Leadership and Team-Building.

✓ **Projects / Assignments (for Internal Assessment)**

- i. Projects/Assignments should be drawn for the component on Internal Assessment from the topics in **Module 1 to Module 4**.
- ii. Students should be given a list of possible topics - at least 3 from each Module at the beginning of the semester.
- iii. The Project/Assignment can take the form of Street-Plays / Power-Point Presentations / Poster Exhibitions and similar other modes of presentation appropriate to the topic.
- iv. Students can work in groups of not more than 8 per topic.
- v. Students must submit a hard / soft copy of the Project / Assignment before appearing for the semester end examination.



  
**H/C PRINCIPAL**  
M. B. More Foundation's  
Arts, Com. & Science Women College  
At. Po. Dhatav, Tal. Roha, Dist. Raigad

**QUESTION PAPER PATTERN (Semester III)**

The Question Paper Pattern for Semester End Examination shall be as follows:

**TOTAL MARKS: 75**

**DURATION: 150 MINUTES**

QUESTION NUMBER	DESCRIPTION	MARKS ASSIGNED
-----------------	-------------	----------------

AC / /2018  
Item no.

# UNIVERSITY OF MUMBAI




Revised Syllabus for Sem V and Sem VI

Program: B. A.

Course: History and Archaeology

(Choice Based Credit System with effect from the  
Academic year 2018-2019)



  
**MC PRINCIPAL**  
M. B. More Foundation's  
Arts, Com. & Science Women College  
At. Po. Dhatav, Tal. Roha, Dist. Raigad

## Revised Syllabus

Semester V and Semester VI  
Programme: B.A.  
Course: History and Archaeology

(Choice Based Credit System with effect from the Academic year 2018-2019)

**As per University rules and guidelines for Faculty of Humanities**

Faculty of Humanities  
TYBA  
(Choice Based Credit System, CBCS)  
Semester V and Semester VI  
Guidelines  
With Effect From 2018-2019

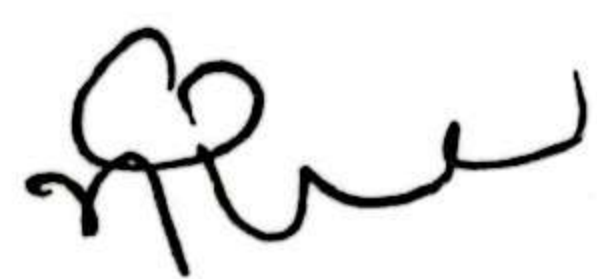
### Syllabus Structure:

1. In TYBA (CBCS) in Sem V and Sem VI, the Core Courses will be Core Courses IV, V, VII and VIII.
2. The Elective Courses will be Elective Courses VI and IX which will be partially Project Based Courses. The Boards of Studies may offer choices in the Elective Courses VI and IX.
3. In Sem V and Sem VI, each Course namely Core Courses IV, V, VII and VIII and Elective Courses VI and IX will carry 4 Credits per Course per Semester.

### Evaluation:

1. **Core Courses:** The Core Courses IV, V, VII and VIII will be theory based Core Courses. The University of Mumbai will conduct the Sem V and Sem VI examinations of 100 marks per Core Course. In Sem V and Sem VI for all the above Core Courses, the student will have to secure a minimum of 40% marks in aggregate per Core Course.
2. **Elective Courses:** The Elective Courses VI and IX will be Electives and Choices of Electives may be offered by the various Board of Studies. The University of Mumbai will conduct the Sem V and Sem VI examination for Elective Courses VI and IX of 80 marks per Elective Course. The Elective Courses namely Elective Courses VI and IX will be partially Project Based Courses. In Sem V and VI, for Elective Course VI and for Elective Course IX, the Colleges will conduct the evaluation of a Project of 20 marks



  
H/C PRINCIPAL  
M. B. More Foundation's  
Arts, Com. & Science Women College  
At. Po. Dhatav, Tal. Roha, Dist. Raigad

each and will send the marks to the University of Mumbai as per University of Mumbai guidelines.

3. The total marks of the Elective Course VI and Elective Course IX will be 100 marks each that is 80 marks for Theory Examination conducted by University of Mumbai and 20 marks for Project evaluated by the concerned college Faculty in the subject.
4. In Sem V and Sem VI, the student will have to submit a Project for Elective Course VI and Elective Course IX in the College before appearing for the University Examination. The last date of submission of the Project will be officially declared by the College.
5. In Sem V and Sem VI, the Project topic will be based on the Syllabus of the respective Elective Courses that is Elective Course VI and Elective Course IX. The students will be given the choice of choosing the topic of the project in consultation with the Faculty Member teaching the respective Elective Course. The list of students along with the topics chosen by the students will be displayed by the College in the beginning of the Semester.
6. The Project work will be carried out by the student with the guidance of the concerned Faculty Member who will be allotted to the student as the Guide for the Project.
7. In Sem V and Sem VI, for Elective Courses VI and IX, the student will have to secure a minimum of 40% marks in aggregate and a minimum of 40% in each component of assessment i.e. 08 out of 20 marks in Internal Evaluation of Project in Elective Course VI and Elective Course IX and 32 out of 80 marks in University Examination of Elective Course VI and Elective Course IX.

Note: All other rules regarding Standard of Passing, ATKT, etc., will be as per those decided by the Faculty of Humanities passed by the Academic Council from time to time.




**WC PRINCIPAL**  
M. B. More Foundation's  
Arts, Com. & Science Women College  
At. Po. Dhatav, Tal. Roha, Dist. Raigad

## SYLLABUS

SEMESTER – V		
Course	Title of the Course	Credits
Core Course IV	History of Medieval India (1000 CE – 1526 CE)	4 Credits
Core Course V	History of Modern Maharashtra (1818 CE-1960 CE)	4 Credits
✓ Elective Course VI. A (With Project)	Introduction to Archaeology	4 Credits
Elective Course VI B (With Project)	Media and Communication	4 Credits
Core Course VII	History of the Marathas (1630 CE -1707 CE)	4 Credits
Core Course VIII	History of Contemporary World (1945 CE -2000 CE)	4 Credits
✓ Elective Course IX A (With Project)	Research Methodology and Sources of History	4 Credits
Elective Course IX B (With Project)	Introduction to Heritage Tourism	4 Credits
		Total 24 Credits



  
**H/C PRINCIPAL**  
M. B. More Foundation's  
Arts, Com. & Science Women College  
At. Po. Dhatav, Tal. Roha, Dist. Raigad





# UNIVERSITY OF MUMBAI



## SYLLABUS FOR THIRD YEAR BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Program: T.Y.B.A. and T.Y. B.Sc.

Course: Geography

Semester - V and VI at the T.Y.B.A. and T.Y. B.Sc.

Paper IV to IX

(Credit Based Semester and Grading System (CBSGS) with  
effect from the academic year 2018-19)



H/C PRINCIPAL

M. B. More Foundation's  
Arts, Com. & Science Women College  
At. Po. Dhatav, Tal. Roha, Dist. Raigad

**University of Mumbai**

**Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)**

**T.Y.B.A. / T.Y.B.Sc. Geography, Semester –VI, Paper No: VI**

**Subject Title: TOOLS AND TECHNIQUES IN GEOGRAPHY FOR**

**SPATIAL ANALYSIS-II (Practical)**

**COURSE CODE: \_\_\_\_\_, Credit: 03**

<b>Unit -I</b>	<b>Nature of data and central tendency</b>	<b>Lectures</b>
	1.1. Meaning and types of data, variable, observation, observation value, simple, discrete data and continuous data	09
	1.2. Frequency Distribution, Histogram, Frequency Polygon and Ogive	
	1.3. Measures of Central Tendency- mean, median and mode	
<b>Unit -II</b>	<b>Dispersion and Deviation</b>	
	2.1. Mean Deviation and Quartile Deviation	09
	2.2. Standard Deviation	
	2.3. Moving Averages (3 years and 5 years)	
<b>Unit -III</b>	<b>Correlation, Regression &amp; Hypothesis Testing</b>	
	3.1. Calculation of correlation coefficient - Pearson's and Spearman's methods	09
	3.2. Regression analysis	
	3.3. Chi square test	
<b>Unit-IV</b>	<b>Sampling</b>	
	4.1. Sample and sample design in geography.	09
	4.2. Point sampling –Systematic and random	
	4.3. Line sampling – Systematic and random	
	4.4. Area sampling – Systematic and random	
<b>Unit-V</b>	<b>Field work in Geography of any one place/village</b>	09
	5.1. Collection of physiographic data – Field observation, field sketching, collection of soil and rock samples, identification of vegetation etc.	
	5.2. Collection of socio-economic data – interviews, questionnaire survey, visit to local governing office, NGO's etc.	
	5.3. Collection of geospatial data – toposheets, aerial photographs, Google images/maps, Bhuvan images etc.	
	To prepare a geographical report of a place with the help of an available 5.1, 5.2, and 5.3 aspects	



*(Handwritten Signature)*

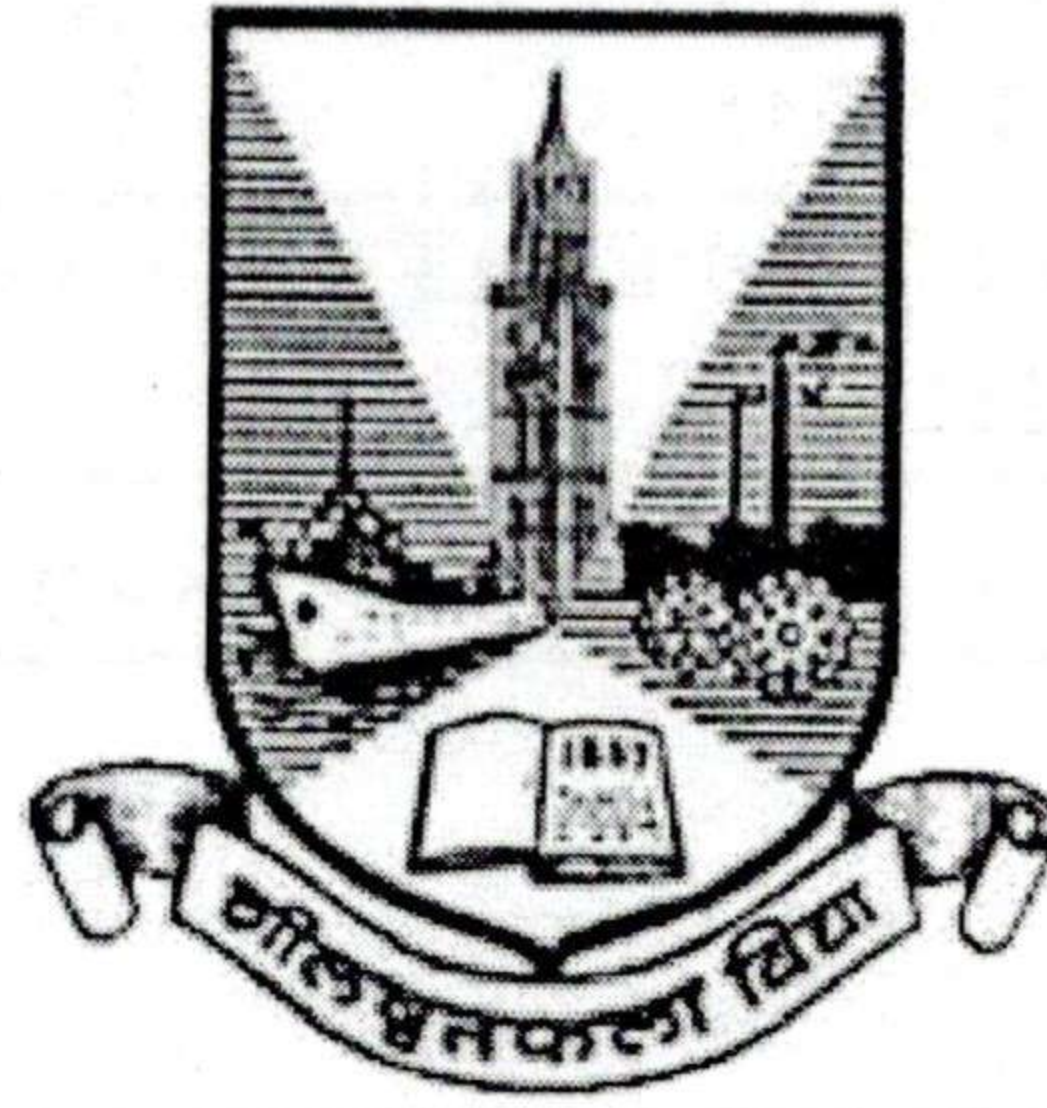
**H/C PRINCIPAL**  
M. B. More Foundation's  
Arts, Com. & Science Women College  
At. Po. Dhatav, Tal. Roha, Dist. Raigad



AC 27/2/13  
Item No. 4.12



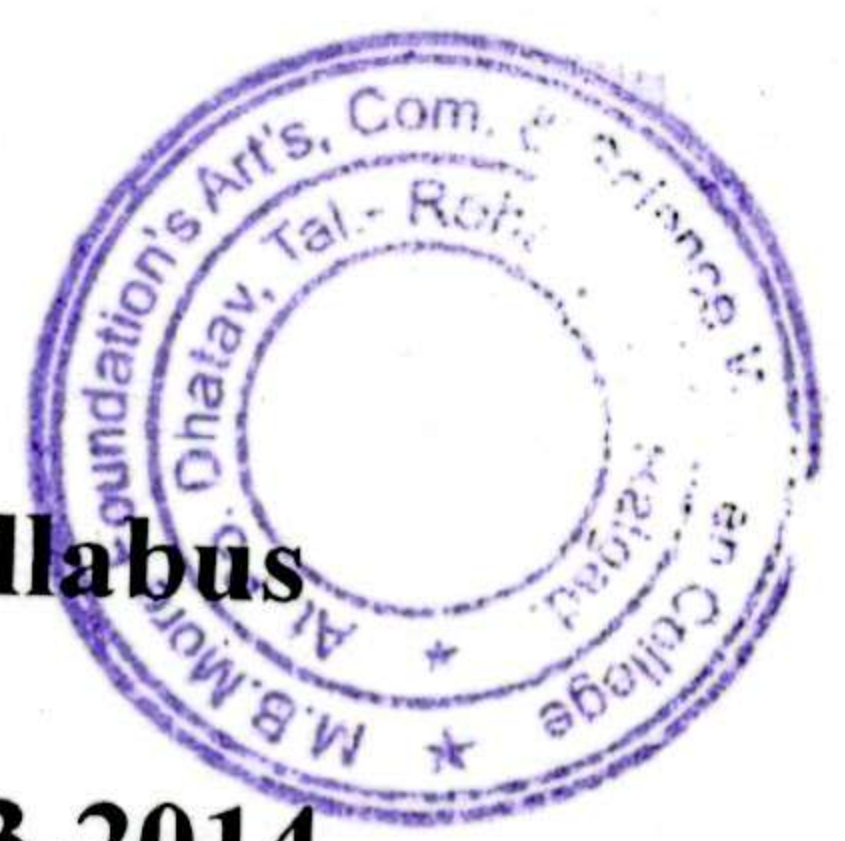
# UNIVERSITY OF MUMBAI



**Syllabus for sem V & VI**  
**Program: B.Sc.**  
**Course: Horticulture**  
**Applied Component**

(Credit Based Semester and Grading System with  
effect from the academic year 2013–2014)

**H/C PRINCIPAL**  
M. B. More Foundation's  
Arts, Com. & Science Women College  
At. Po. Dhatav, Tal. Roha, Dist. Raigad



**T.Y.B.Sc. Applied Component Horticulture Syllabus**  
**Credit Based and Grading System**  
**To be implemented from the Academic year 2013-2014**


**SEMESTER V**

Course Code	UNIT	TOPICS	Credits	L / Week
USACHO501	<b><u>HORTICULTURE &amp; GARDENING - I</u></b>		2	4
	I	INTRODUCTION TO HORTICULTURE	2	1
	II	PROPAGATION PRACTICES		1
	III	MANURES, FERTILIZERS AND DISEASES		1
	IV	GARDEN OPERATIONS FOR HORTICULTURE		1
USACHO5P1	Practicals based on all courses in theory		2	4

**SEMESTER VI**

Course Code	UNIT	TOPICS	Credits	L / Week
USACHO601	<b><u>HORTICULTURE &amp; GARDENING - II</u></b>		2	4
	I	LANDSCAPE GARDENING	2	1
	II	HORTICULTURE PRODUCE		1
	III	COMMERCIAL PRODUCTION		1
	IV	POST HARVEST TECHNOLOGY & ENTREPRENEURSHIP IN HORTICULTURE		1
USBO6P1	Practicals based on all the courses in theory		2	4



  
**H/C PRINCIPAL**  
 M. B. More Foundation's  
 Arts, Com. & Science Women College  
 At. Po. Dhatav, Tal. Roha, Dist. Raigad



plants.

- **Application of Tissue Culture in relation to Horticulture.**

**UNIT-3 MAURES, FERTILIZERS AND DISEASES**

- **Manures:** Definition, importance, important manures FYM(compost), oil cakes, green manure, organic manures and vermicompost.
- **Fertilizers:** Definition, Types – Straight, Compound and mixed. Nitrogenous (NH<sub>4</sub>)<sub>2</sub> SO<sub>4</sub>, Urea, Ca (NO<sub>3</sub>)<sub>2</sub>, NH<sub>4</sub>Cl, Phosphatic (Superphosphate, Bone meal), Potassic (Muriate of potash, K<sub>2</sub>SO<sub>4</sub>
- **Biofertilizers:** Bacteria, Cyanobacteria, Mycorrhiza, Sea weeds.
- **Diseases:** Horticultural plant diseases and their control. Fungal diseases- Rust, Smut, Powdery mildew. Bacterial – Citrus canker, Bacterial wilt. Viral – TMV, Leaf curl.
- **Pests** – common pests on horticultural crops – Aphids, beetle, stem borer, caterpillars and rats.
- **Friends of farmers:** Eartworm, snakes and predaceous fungi.

15 L

**UNIT 4 GARDEN OPERATIONS FOR HORTICULTURE**

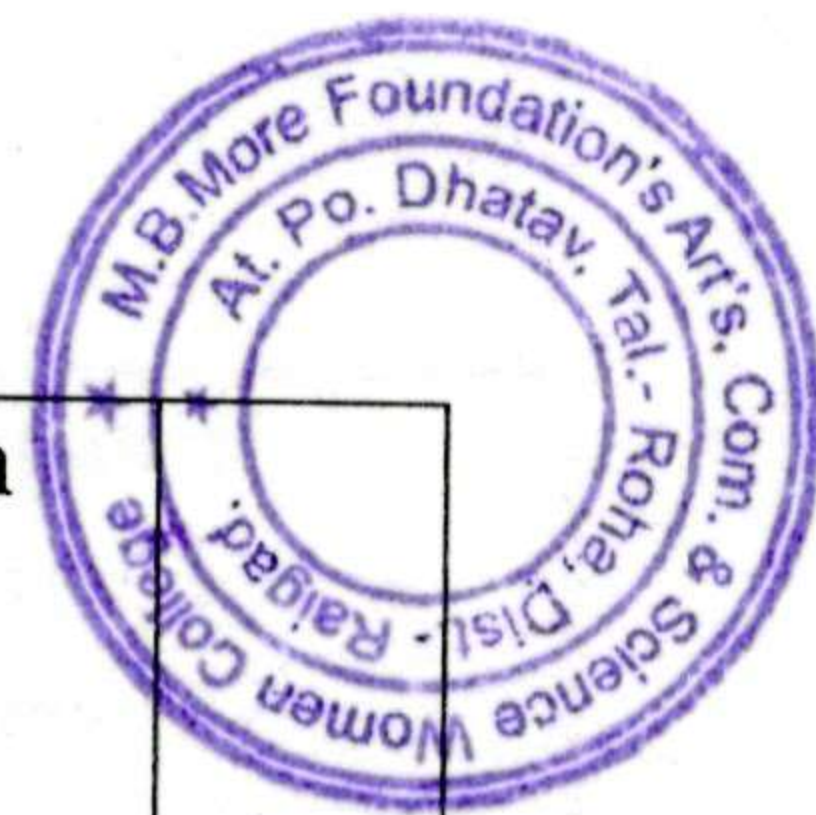
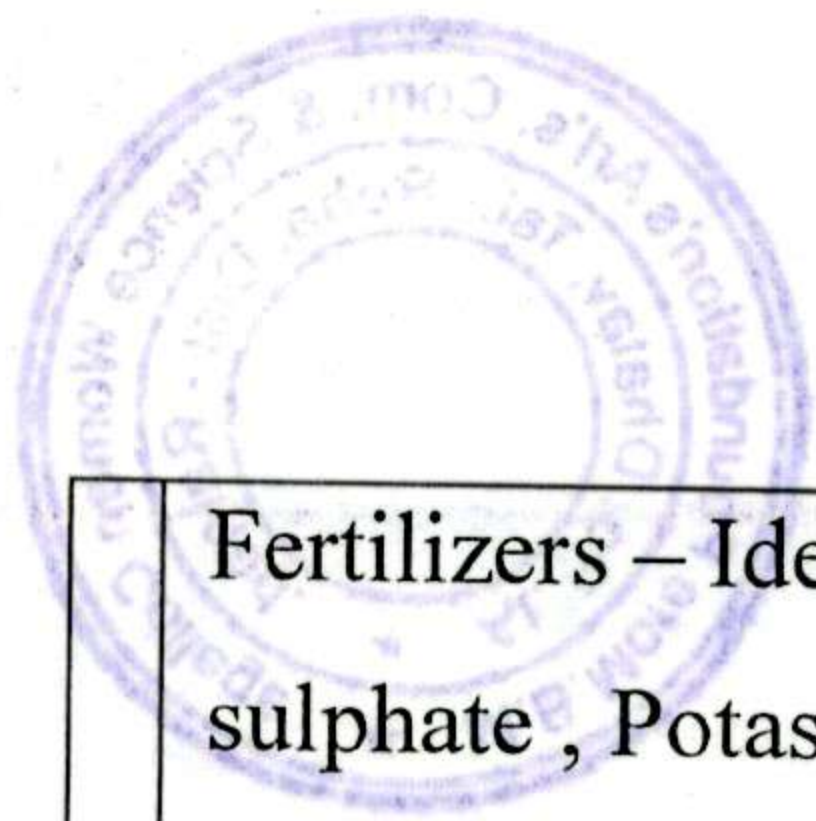
- Selection of site, Preparation of soils for garden
- Mulching, top- dressing, blanching
- Sowing, transplanting, tree transplanting,
- Irrigation, - Overhead, Surface, Underground
- Weeding and pruning, - Principles, Objectives and general technique.
- Water management and conservation through horticulture, Dry land Horticulture.
- **Organic Farming** Definition, Scope, Indian scenario, Future scope

15 L

**Practicals**

<b>Semester V USACHO5P1</b>		<b>Cr</b>
<b>PRACTICAL</b>		<b>2</b>
Garden implements and their uses .		
Different types of pots & Potting medium , Potting and repotting		
Propagation practices by seed, Vegetative propagation , cutting ,layering , budding, grafting .		
Identification of :		


**H/C PRINCIPAL**  
 M. B. More Foundation's  
 Arts, Com. & Science Women College  
 At. Po. Dhatav, Tal. Roha, Dist. Raigad



Fertilizers – Identification by physical and chemical methods – Urea , Ammonium sulphate , Potassium sulphate, super phosphate . Manures – Identification of plants as green manure – <i>Glyricidia</i> , <i>Crotolaria</i> , <i>Leucaena</i> . Biofertilizers – Identification (material as slides) VAM, <i>Nostoc</i> , <i>Rhizobium</i> .	
Soil pH, Use of soil testing Kit, electrical conductivity, pH of water, liquid fertilizers .	
Method of preparing bonsai, Bottle Garden / Terrarium, Hanging baskets ,Dish garden .	
Diseases and pests Fungal – Powdery mildew ,Rust ,Wilt, Blight, Smut, Bacterial – Canker ,Wilt Viral – Leaf curl ,yellow vein Mosaic Insects – Sucking, Biting, Chewing, Borers & Ants . Non Insects pests- Nematodes, Rodents.	
Preparation of natural insecticides – Neem arka , Dashparni arka, Seetaphal powder, Tobacco extracts .	
Project – Each student should individually present a project related to any topic related to Horticulture .It should be duly certified presented at practical examination. Project presentation college at level compulsory.	

**SEMESTER VI**  
**THEORY**

Course Code	Title	Credits
USACHO601	<b><u>HORTICULTURE AND GARDENING –II</u></b>	<b>2 Credits (60 lectures )</b>
<b><u>Unit 1 LANDSCAPE GARDENING</u></b> <ul style="list-style-type: none"><li>• Principles of landscaping &amp; garden design.</li><li>• Indoor plants &amp; Indoor gardens- Hydroponics, Terrarium/ Bottle garden,</li></ul>		<b>15 L</b>

  
**H/C PRINCIPAL**  
M. B. More Foundation's  
Arts, Com. & Science Women College  
At. Po. Dhatav, Tal. Roha, Dist. Raigad