

VALUE ADDED COUSE
HOIRTCULTURE AND LANDSCAPE DESINING
DEPARTYMENT OF BOTANY

This value added course emphasizes on the students to understand the principles and techniques of various art forms of the Horticulture and landscape designing. It also focuses on exploring and expressing their ideas and concepts through making a landscape designing, and various hands on trainings.

Exploration begins for each student when they choose this value added course their career. To provide an opportunity for these technocrats to think and accomplish innovations many value added courses (VAC) and workshops are conducted. These VACs cultivate an urge amongst the students and position them to turn into flamboyant professional on the latest trends and rally their technical skills in advanced manner.

This course offers our students an edge over others and has the following advantages:

- ✓ Augments hands on skills, technical knowledge, and ability to think and innovate.
- ✓ Exposure to recent trends in the horticulture field, augmenting the employability of the graduates.
- ✓ Strives to inculcate fundamental skills to encourage the students and make them understand the needs of the field.
- ✓ To compete with the recent trends of the current competitive world and to make sure that our savvies are technically stronger, VACs are made mandatory for all our students in their fourth and sixth semesters.

The value added courses (VAC) is conducted regularly in our department. It's important for all students to supplement the curriculum and to make them better prepared to meet market demands as well as develop their earning source. The value added course is customized with the objective to make the students earning interest. The syllabus is also designed in such a way to attain the objective in the effective manner. The course content consists of theoretical and skill developmental aspects to enrich the student's knowledge. The value added program supplement a students learning exposes them to challenges that are encountered in work life and enables the learners to face them successfully. This can be a bridge the gap between the academic learning and to make an income source and enables market need. The ample care is accorded to ensure that learning process is more interactive and application oriented.

COURSE DESIGN

This value added course is designed for the students to improve their skills to develop their own income source.

COURSE LEARNING OUTCOMES

The course learning outcomes are measurable, observable statements that describe what the students will be able to do after completing this course.

Outcomes of the Program

1. To understand the importance and divisions of horticulture
2. To learn the various methods of Plant propagation.
3. To imbibe skills on Landscape designing.


4. To learn the architecture of landscaping.
5. To learn the usages of Garden tools.
6. To study the various indoor and outdoor plants in Floriculture.
7. To gain the knowledge in mixture of Soil for fertile growth.
8. To acquire the knowledge on fresh and wet flower arrangements.
9. To learn the techniques of Bridal and ceremony wreath decorations.
10. To acquire knowledge on hanging Basket.
11. To Learn the Bamboo plant growth art.
12. To enhance the knowledge in Bottle art.
13. To Improve and enhance the art of Bonsai.
14. To enrich the knowledge of Terrarium.
15. To gain the knowledge of Topiary.
16. To Improve and enhance the interior decorative items.
17. To learn the techniques of Eco Printing.
18. To enrich the knowledge in Serragem.
19. To acquire the knowledge on Resin art.
20. To learn the techniques of Vegetable Carving.

Technical Hands on trainings

To have continuous improvement in technical expertise student are introduced every year with current trend technology through many hands on trainings in association with reputed experts. It is also conducted through various student supporting chapter organizations of the institution to impart necessary skills. This helps the students for better transition from a horticulturist aspirant to an horticulture and landscape desining professional.

This value added course enhance the theoretical concepts learnt by students with hands on training sessions as well as provide an outline for many developing technologies that are not included in the course syllabus. Every year every batch the syllabus module will be changed and modifies new recent and advanced techniques will be added.

BATCH- 1 Invitation



DEPARTMENT OF BOTANY
St. Joseph's College (Autonomous)
Special Heritage Status awarded by UGC Accredited at A++ Grade (4th Cycle) by NAAC
Tiruchirappalli - 620 002.

OR

HORTICULTURE AND LANDSCAPING

Why horticulture and Landscaping ?

- * To enquire techniques on Horticulture.
- * To imbibe skills on Landscaping.
- * To learn methods of Plant Propagation.
- * To know the art of Indoor Gardening.

Hands on Training :

- * Architecture of Landscaping
- * Cutting * Grafting * Budding
- * Pruning * Bonsai * Layering

Eligibility: UG and PG
Duration: 30 Hours
Fee : Rs. 500/-

INAUGURATION ON 9th DECEMBER 2019, MONDAY.
TIME : 2:30 PM

Course Organisers:
Dr. S. R. SENTHILKUMAR Head of the Department
Dr. M. Bastin Churchill Assistant professor

BATCH- 1 Certificate



DEPARTMENT OF BOTANY
SCHOOL OF BIOLOGICAL SCIENCES
St. JOSEPH'S COLLEGE (AUTONOMOUS)
Special Heritage Status awarded by UGC Accredited at A++ Grade (4th Cycle) by NAAC
Tiruchirappalli - 620 002.

VALUE ADDED COURSE

CERTIFICATE

This is to certify that Mr./Ms. _____
attended the value added course on "Horticulture and Landscaping",
organised by the Department of Botany, St. Joseph's College,
Tiruchirappalli, for 30 hours duration in this month of January 2020.

Dr. S. R. SENTHILKUMAR Head & Convenor.
Dr. M. BASTIN CHURCHILL Co-ordinator
Rev. Dr. M. AROCKIASAMY XAVIER SJ Principal

BATCH -2 Invitation



DEPARTMENT OF BOTANY
St. Joseph's College (Autonomous)
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Tiruchirappalli - 620 002.

Value Added Course
on
HORTICULTURE - LANDSCAPING & MUSHROOM CULTURE TECHNIQUES
(M.Sc BOTANY AND M.Sc BIOTECHNOLOGY – SJC)

Hands on Training :

- Grafting techniques
- Bonsai techniques
- Terrarium techniques
- Vegetable carving techniques
- Xmas and bridal wreath making techniques
- Fresh flower and Dry flower arrangement techniques
- Raw food making techniques
- Landscape designing techniques
- Mushroom Cultivation techniques
- Mushroom Recipes preparation techniques

INAUGURATION ON
8th MARCH 2021,
MONDAY. TIME : 2:00 PM

Duration: 30 Hours
Fee : Rs. 500/-

WILL BE INAUGURATED BY DR. S. SAHAYA SATHISH (DEAN OF BIOLOGICAL SCIENCES)

Course Organisers:
Dr. S. R. Senthilkumar **Dr. M .Francis Sathyaseelan** **Dr. M .Bastin Churchill**
Head of the Department *Assistant professor* *Assistant professor*

BATCH- 2 Certificate



DEPARTMENT OF BOTANY
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St. JOSEPH'S COLLEGE (AUTONOMOUS)
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Tiruchirappalli - 620 002.

DBT - STAR SCHEME
SPONSORED BY
Department of Biotechnology, Govt of India, New Delhi.

CERTIFICATE

This is to certify that Mr./Ms. _____
has attended the value added course on "Horticulture and Landscaping Techniques"
organised by the Department of Botany, St. Joseph's College, Tiruchirappalli,
from 04/02/2021 to 26/02/2021 (30 hours duration).

Dr. S. R. SENTHILKUMAR
Head & Convenor.

Dr. M. BASTIN CHURCHILL
Organising Secretary

Rev. Dr. M. AROCKIASAMY XAVIER SJ
Principal

BATCH- 3 Invitation



DEPARTMENT OF BOTANY

St. Joseph's College (Autonomous)

Special Heritage Status awarded by UGC, Accredited at A++ Grade (4th Cycle) by NAAC,
Nationally College with Potential for Excellence by UGC.
(Affiliated to Bharathidasan University)
Tiruchirappalli-02



BATCH II
2021

2.00 PM
25.01.2021

Inauguration for VALUE ADDED COURSE ON HORTICULTURE AND FLORICULTURE

The purpose Of this Course Is


- ✿ To learn the Architecture of landscaping.
- ✿ To study the various methods of plant propagation.
- ✿ To know the art of indoor gardening and Outdoor Gardening.
- ✿ To gain knowledge on floriculture.
- ✿ To acquire knowledge on topiary.
- ✿ To study the types and components of garden.

Hands on Training

- ✿ Methods of Plant propagation (Cutting, layering, Budding Pruning and Grafting techniques)
- ✿ Architecture of landscaping.
- ✿ Flower Decorations (Wet flower and Dry flower) .
- ✿ Wreath Making Techniques (Bridal , X Mas and flower Girl).
- ✿ Bonsai Tecniques, and Cactus Culture techniques .
- ✿ The techniques of Soil mixture.
- ✿ The technique of topiary.

ELIGIBILITY UG & PG
DURATION 30 HOURS
FEE RS.400






Dr.S.R.Sethilkumar
Head of the Department

COURSE ORGANIZERS


Dr.M.Bastin Churchill.
Assistant Professor



BATCH- 3 Certificate




DEPARTMENT OF BOTANY
SCHOOL OF BIOLOGICAL SCIENCES
St.JOSEPH'S COLLEGE (AUTONOMOUS)
Special Heritage Status awarded by UGC Accredited at A++ Grade (4th Cycle) by NAAC
Tiruchirappalli - 620 002.

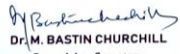



DBT - STAR SCHEME
SPONSORED BY
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CERTIFICATE

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from 04/02/2021 to 26/02/2021 (30hours duration).


Dr. S. R. SETHILKUMAR
Head & Convenor.


Dr. M. BASTIN CHURCHILL
Organising Secretary


Rev. Dr. M. AROCKIASAMY XAVIER SJ
Principal

BATCH -4 Invitation



DEPARTMENT OF BOTANY
ST. JOSEPH'S COLLEGE (AUTONOMOUS)
Special Heritage Status awarded by UGC
Accredited at A⁺⁺ Grade (4th cycle) by NAAC
TIRUCHIRAPPALLI - 620002.

Value Added Course
on
HORTICULTURE AND FLORICULTURE

Batch - II
2021

Hands on Training:

- * Methods of Plant propagation (Cutting, Layering, Budding Pruning and Grafting techniques).
- * The techniques of Soil mixture.
- * Architecture of landscaping.
- * Flower Decorations (Wet Flower and Dry Flower).
- * Wreath Making Techniques (Bridal, X Mas and Flower Girl).
- * Bonsai Techniques, and Cactus Culture techniques.
- * The techniques of Topiary.
- * To learn the beautiful technique of Terrarium.

Eligibility: UG and PG
Duration: 30 Hours
Fee: Rs.400/-

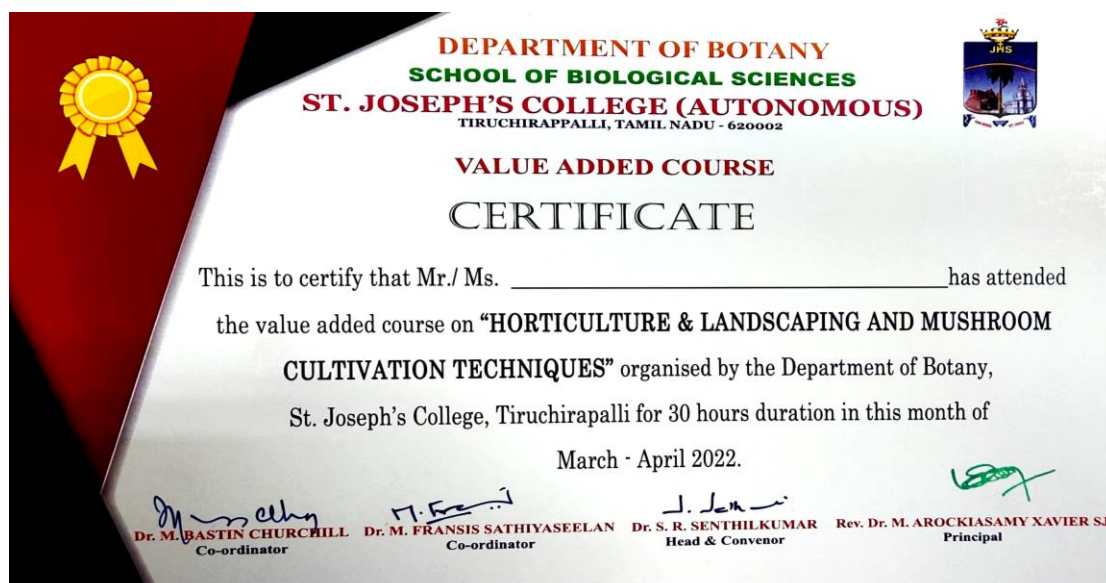
INAGURATION ON 4th FEBRUARY 2021, THURSDAY
TIME : 2.00pm

Course Organisers:

Dr. S. R. SENTHILKUMAR.
Head of the Department

Dr. M. BASTIN CHURCHILL
Assistant professor

BATCH- 4 Certificate



DEPARTMENT OF BOTANY
SCHOOL OF BIOLOGICAL SCIENCES
ST. JOSEPH'S COLLEGE (AUTONOMOUS)
TIRUCHIRAPPALLI, TAMIL NADU - 620002

VALUE ADDED COURSE
CERTIFICATE

This is to certify that Mr./ Ms. _____ has attended
the value added course on "HORTICULTURE & LANDSCAPING AND MUSHROOM
CULTIVATION TECHNIQUES" organised by the Department of Botany,
St. Joseph's College, Tiruchirapalli for 30 hours duration in this month of
March - April 2022.

Dr. M. BASTIN CHURCHILL **Dr. M. FRANSIS SATHIYASEELAN** **Dr. S. R. SENTHILKUMAR** **Rev. Dr. M. AROCKIASAMY XAVIER SJ**
Co-ordinator Co-ordinator Head & Convenor Principal

BATCH- 5 Invitation



DEPARTMENT OF BOTANY

St. Joseph's College (Autonomous)

VALUE ADDED COURSE ON
HORTICULTURE AND LANDSCAPE DESIGNING



Inauguration On: 21.03.2022 at 2.00 pm Participants: III. B.Sc Botany Venue: Laboratory first floor

COURSE FEE: 500

Hands on Training

- Methods of plant Propagation
- Landscape designing
- Fresh and dry flower decoration in Vase and Bouquet
- Fresh and dry flower Wreath making techniques
- Indoor decorative items preparation
- Bottle art Collections
- The techniques of Topiary The Technique of Bonsai




Course Organizers



Dr.S.R.Senthil Kumar
Head of the Department


Dr. M. Bastin Churchill
Assistant Professor

BATCH- 5 Certificate







DEPARTMENT OF BOTANY
SCHOOL OF BIOLOGICAL SCIENCES
ST. JOSEPH'S COLLEGE (AUTONOMOUS)
TIRUCHIRAPPALLI, TAMIL NADU - 620002

VALUE ADDED COURSE
CERTIFICATE



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March - April 2022.



Dr. M. BASTIN CHURCHILL Dr. M. FRANSIS SATHIYASEELAN Dr. S. R. SENTHILKUMAR Rev. Dr. M. AROCKIASAMY XAVIER SJ
Co-ordinator Co-ordinator Head & Convenor Principal

BATCH- 6 Invitation




DEPARTMENT OF BOTANY
ST. JOSEPH'S COLLEGE (AUTONOMOUS)
Special Heritage Status awarded by UGC
Accredited at A++ Grade (4th cycle) by NAAC
TIRUCHIRAPPALLI - 620002.

Value Added Course
on
HORTICULTURE AND FLORICULTURE
Batch - II
2021

The purpose of this course is ...

- ✱ To learn the Architecture of landscaping,
- ✱ To learn the various methods of plant propagation,
- ✱ To know the art of indoor gardening and Outdoor Gardening,
- ✱ To acquire knowledge on floriculture,
- ✱ To acquire knowledge on topiary,
- ✱ To study the types and components of gardens....

Hands on Training:

- ✱ Methods of Plant propagation (Cutting, Layering, Budding Pruning and Grafting techniques).
- ✱ Architecture of landscaping.
- ✱ Flower Decorations (Wet Flower and Dry Flower).
- ✱ Wreath Making Techniques (Bridal, X Mas and Flower Girl).
- ✱ Bonsai Techniques, and Cactus Culture techniques.
- ✱ The techniques of Soil mixture.
- ✱ The techniques of Topiary.

Eligibility: UG and PG
Duration: 30 Hours
Fee: Rs.400/-


INAGURATION ON 25th JANUARY 2021, MONDAY
TIME : 2.00pm


Course Organisers:

Dr. S. R. SENTHILKUMAR
Head of the Department

Dr. M. BASTIN CHURCHILL
Assistant professor

BATCH- 6 Certificate




DEPARTMENT OF BOTANY
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Tiruchirappalli - 620002

VALUE ADDED COURSE
CERTIFICATE

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Mr./Ms. _____

has attended the value added course on
“HORTICULTURE & LANDSCAPING”
organised by the Department of Botany,
St. Joseph's College, Tiruchirappalli for
30 hours duration in this month of _____ 2022.

Dr. S. R. SENTHILKUMAR
Head & Convenor

Dr. M. BASTIN CHURCHILL
Co-ordinator

Rev. Dr. M. AROCKIASAMY XAVIER SJ
Principal

BATCH 7 Invitation



DEPARTMENT OF BOTANY
ST. JOSEPH'S COLLEGE (AUTONOMOUS)
Special Heritage Status awarded by UGC
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Tiruchirappalli-620 002

Value added course
ON
HORTICULTURE & LANDSCAPING
Hands on Training

- Grafting techniques
- Lawn making techniques
- Topiary / Bonsai techniques
- Terrarium Techniques
- Interior decoration Bottle art techniques
- Eco Printing techniques
- Resin Coaster techniques
- Serragem techniques
- Vegetable carving techniques
- Dry / Wet flower decorations and techniques

Inauguration on : 1st March 2023
Time : 2 PM to 5 PM
Duration : 30 Hours

Venue : Fr. Balam Hall
Course Fee : Rs.600
Valediction on : 14th March 2023

Dr.S.R.SENTHILKUMAR
Head of the Department

Dr.M.BASTIN CHURCHILL
Course Coordinator

ALL ARE INVITED

BATCH- 7 Certificate



DEPARTMENT OF BOTANY
SCHOOL OF BIOLOGICAL SCIENCE
St. JOSEPH'S COLLEGE (AUTONOMOUS)
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Tiruchirappalli-620 002

VALUE ADDED COURSE
Certificate

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has attended the value added course on "Horticulture and Landscaping",
organised by the Department of Botany, St. Joseph's College (Autonomous),
Tiruchirappalli, for 30 hours duration in this month of February 2023.

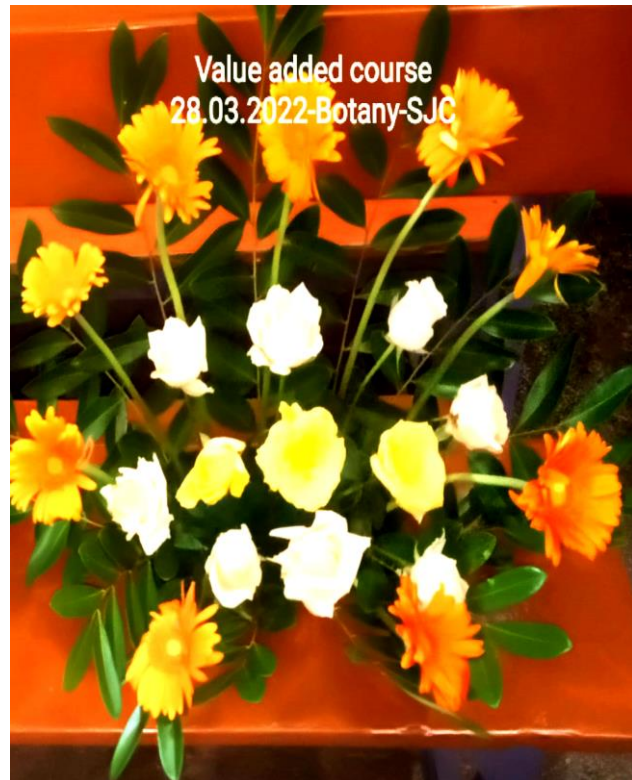
Dr.S.R.SENTHILKUMAR
Head & convener

Rev.Dr.M.AROCKIASAMY XAVIER SJ
Principal

Dr.M.BASTIN CHURCHILL
Co-ordinator



FRESH FLOWER DECORATION







GRAFTING TECHNIQUES







DRY FLOWER WREATH DECORATION





BRIDAL REATH –TECHNIQUE

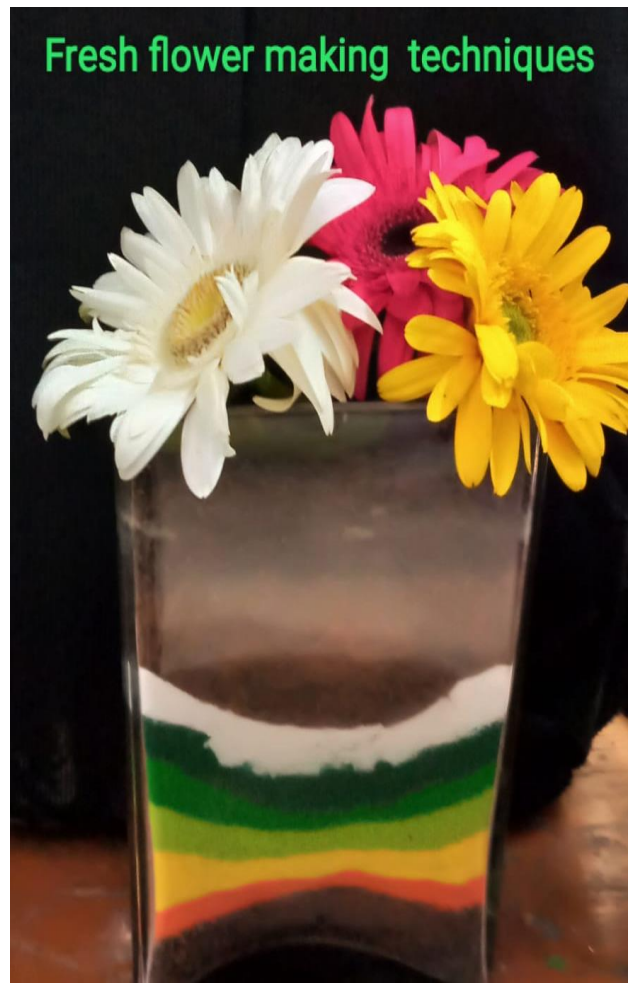


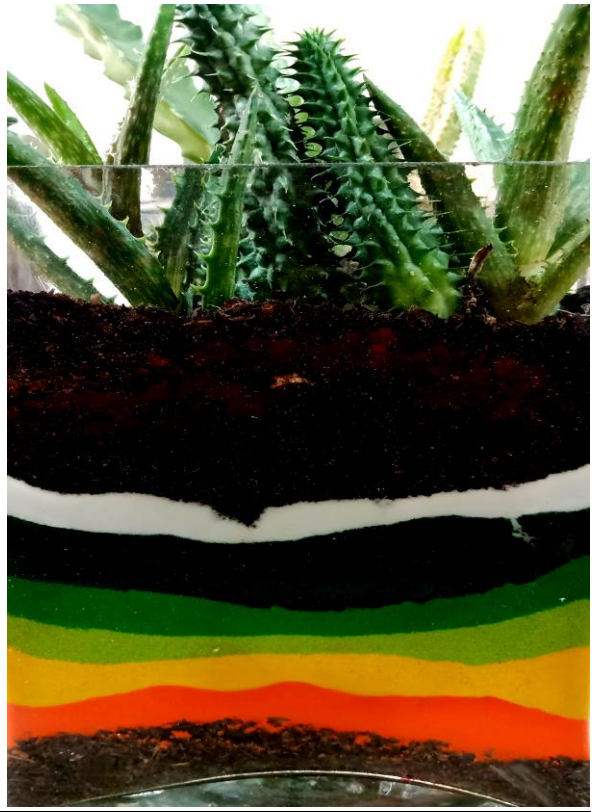


TERRATIUM TECHNIQUE









HANGING POT DECORATIVE ART



INTERIOR DECORATIVE BOTTLE ARTS





Horticulture Indoor Bottle art

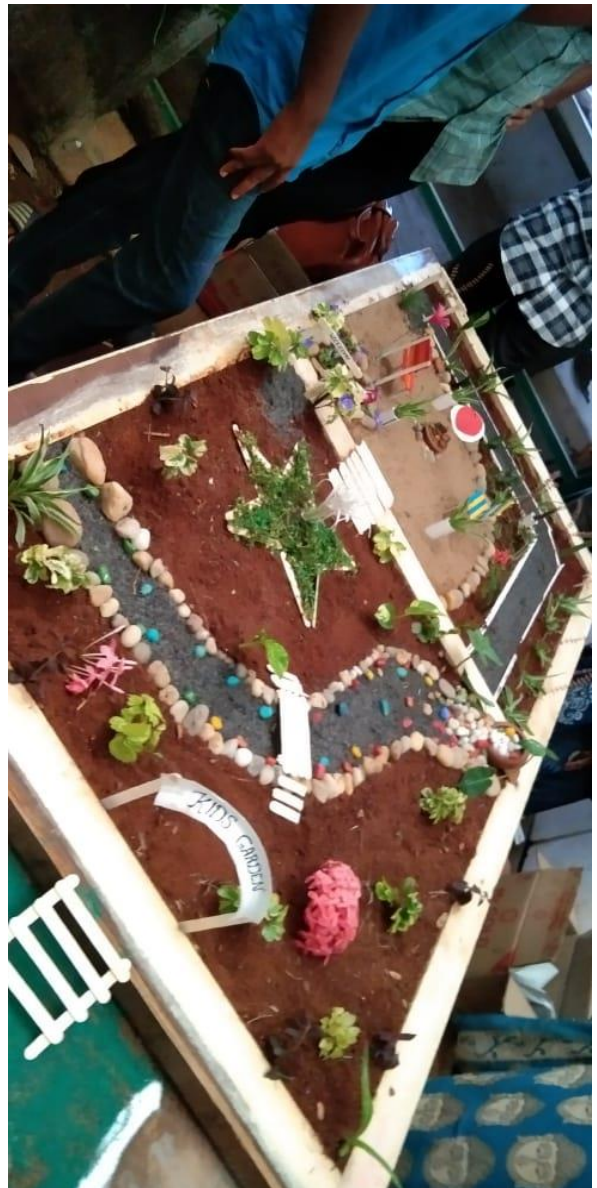






LANDSCAPE DESIGNING







TERRACOTTA ART TECNIQUE



SERRAGEM TECHNIQUE



ECO PRINTING - TECHNIQUE





VEGETABLE CARVING



RESIN COASTER ART TECHNIQUE



THE TAINEES FROM OUT SIDE THE CAMPUS (SARAL NURSERY)



Valediction



Books:

1. Arora JS. 1992. Introductory Ornamental Horticulture, Kalyani Publishers, New Delhi.
2. George Acquaah. 2002. Horticulture Principles and Practices, 2nd Edn. Pearson Edn, Delhi.

References:

1. Manibushan Rao K. 1991. Text book of horticulture. MacMillan Publishing Co., New York.
2. Edmond JB et al., 1977. Fundamentals of horticulture. Tata McGraw Hill Ltd., New Delhi.