



Department of Botany

Certificate Course

Course Code: 21CABO51

| Year | Name of the Course |
|-----------|--|
| 2021-2022 | Mushroom cultivation |
| 2020-2021 | Tally with GST |
| 2019-2020 | Mushroom cultivation Tally ERP 9 |
| 2018-2019 | Mushroom cultivation Tally ERP 9 & GST |
| 2017-2018 | Mushroom cultivation Tally ERP 9 |
| 2016-2017 | Mushroom Cultivation Tally ERP 9 |
| 2015-2016 | Dry flower art Basic computer application |

M. Glory

Dr. M. GLORY

Associate Professor & Head
Department of Botany

St. Mary's College (Autonomous)
Thoothukudi - 628 001

St. Mary's College (Autonomous)

Re-accredited with A+ grade by NAAC (4th Cycle)

Thoothukudi, Tamil Nadu



Department of Botany

Offers

Certificate Course on

Mushroom cultivation



2021-22

Department of Botany
St. Mary's College (Autonomous)
Thoothukudi

III B. Sc. Botany – Certificate Course in Mushroom Cultivation 2021-2022

- Unit I** : Brief history of mushroom cultivation .Importance of mushrooms-Nutritional and medicinal aspects
- Unit II** : Selection of substrates. Sterilizing the substrate. Bag filling. Preparation of spawn. Pure culture. Maintenance of mother spawn. Spawning. Incubating the beds.
- Unit III** : Shifting to cropping room. Pests and diseases and their control measures. Harvesting.
- Unit IV** : Processing. Marketing. Recipes
- Unit V** : Low cost Mushroom farm design and large scale production. Maintenance of mushroom lab and equipment.

Reference:

1. Paul Stamets , J. Chilton . 1985. The Mushroom Cultivator: A Practical Guide for Growing Mushrooms at Home. Richmond Publishing Co Ltd
2. B.C. Suman. V. Sharma, B. Suman, V.P. Sharma. 2007. Mushroom Cultivation in India. Daya Publishing House, New Delhi.
3. Shu-ting Chang, T. H. Quimio .1989. Tropical Mushrooms: Biological Nature and Cultivation Methods. The Chinese University Press. Hong Kong.

Practical

1. Boiling the grains
2. Sterilising the bottles
3. Inoculating the bottles
4. Incubating the bottles
5. Preserving the spawn
6. Hanging / Rack Systems
7. Substrate selection
8. Sterilization / Hygiene
9. Bed Preparation / Spawning
10. Incubation - Study of conditions
11. Cropping - Study of Conditions
12. Disease identification in beds
13. Maintenance of Cropping room
14. Marketing
15. Construction of Low Cost Mushroom rooms

X m. Arora
(THE HEAD, DEPARTMENT OF BOTANY
St. Mary's College, Tuticorin.

Course Title: Mushroom Cultivation
 Course Instructor: Ms. Selvaanathi A
 Course Incharge: Dr. M. Glory
 III B.Sc. Botany 2021 - 2022

| S.No. | Name | Reg.No. | 05.07.2021 | 06.07.2021 | 07.07.2021 | 08.07.2021 | 09.07.2021 | 12.07.2021 | 13.07.2021 | 14.07.2021 | 15.07.2021 | 16.07.2021 |
|-------|------------------------|----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 1 | ABINAYASRI R | 19AUBO01 | X | A | X | X | X | X | X | X | X | A |
| 2 | ANANTHA JOTHI P | 19AUBO02 | X | X | A | X | X | X | X | X | X | A |
| 3 | ANJALIM | 19AUBO03 | X | X | X | X | X | X | X | X | X | X |
| 4 | ANNAPOORANIS | 19AUBO04 | X | X | X | X | X | X | X | X | X | X |
| 5 | AROCKIAMARY J | 19AUBO05 | A | A | A | A | A | A | A | A | A | A |
| 6 | AROKKIYA ROSI A | 19AUBO06 | A | A | A | X | X | A | X | X | X | X |
| 7 | BANUMATHI B | 19AUBO07 | A | A | X | X | X | X | X | X | X | A |
| 8 | BAPITHA S | 19AUBO08 | X | X | A | X | X | X | X | X | X | A |
| 9 | CHRISTIKA S | 19AUBO09 | X | A | A | X | X | X | X | X | X | X |
| 10 | DHARANI A | 19AUBO10 | A | A | X | A | X | X | A | A | A | A |
| 11 | DHARSINI R | 19AUBO11 | X | X | X | X | X | X | X | X | X | X |
| 12 | FRANCIS MERLIN SNEKA X | 19AUBO12 | X | A | X | X | X | X | X | X | X | X |
| 13 | JENIFER A | 19AUBO13 | X | X | X | X | X | X | X | X | X | A |
| 14 | KALARANJITHAM P | 19AUBO14 | A | X | X | X | X | X | X | X | X | A |
| 15 | LINGA JAYANTHIS | 19AUBO16 | A | A | X | X | X | X | A | X | A | X |
| 16 | MADHUBALA A | 19AUBO17 | A | X | A | X | X | A | X | X | X | X |
| 17 | MADHUNIHA P | 19AUBO18 | X | X | X | X | X | X | X | X | X | X |
| 18 | MAHALAKSHMIS | 19AUBO19 | A | X | A | A | X | X | X | X | X | A |
| 19 | MARIA FATIMA LADISKA R | 19AUBO20 | A | A | A | X | X | A | X | X | X | X |
| 20 | MARIA JENIFER S | 19AUBO21 | X | X | X | X | X | X | X | X | X | X |

Selvaanathi

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|----|-------------------------|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | MARIA PRIYA T | 19AUBO22 | A | A | A | A | A | X | X | X | X | X | X | X | X | X | X |
| 22 | MARIAMMAL G | 19AUBO23 | A | A | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 23 | MARIASUBHA G | 19AUBO24 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 24 | MARIESWARI U | 19AUBO25 | A | A | A | A | A | X | X | X | X | X | X | X | X | X | X |
| 25 | MOUNIKA DEVI M | 19AUBO26 | X | A | X | A | A | A | A | X | X | X | X | X | X | X | A |
| 26 | MUTHAMILSELVIS | 19AUBO27 | A | A | A | X | X | X | X | X | X | X | X | X | X | X | A |
| 27 | MUTHUMALATHI K | 19AUBO28 | X | A | A | A | A | X | X | X | X | X | X | X | X | X | A |
| 28 | MUTHUMARI M | 19AUBO29 | A | A | A | A | A | X | X | X | X | X | X | X | X | X | X |
| 29 | NANDHINI A | 19AUBO30 | A | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 30 | NANTHINI I | 19AUBO31 | A | X | X | X | X | X | X | X | X | X | X | X | X | X | A |
| 31 | POONGANIR | 19AUBO33 | A | A | A | A | A | X | X | X | X | X | X | X | X | X | A |
| 32 | PUNITHA K | 19AUBO34 | A | A | A | A | A | X | X | X | X | X | X | X | X | X | A |
| 33 | RENITTA BENCY R | 19AUBO36 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 34 | RENUKA S | 19AUBO37 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 35 | SAKTHI PRIYA M | 19AUBO38 | X | A | X | X | X | X | X | X | X | X | X | X | X | X | A |
| 36 | SARONIYA S | 19AUBO39 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 37 | SILUVAI JEYA JEFREENA S | 19AUBO40 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | A |
| 38 | SIVASANKARI S | 19AUBO41 | A | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 39 | SNEKA S | 19AUBO42 | X | A | A | A | A | X | X | X | X | X | X | X | X | X | X |
| 40 | SOPHIA S | 19AUBO43 | A | X | A | A | A | X | X | X | X | X | X | X | X | X | X |
| 41 | SUGANTHI S | 19AUBO44 | X | A | X | A | A | X | X | X | X | X | X | X | X | X | A |
| 42 | TAMILARASI A | 19AUBO46 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 43 | THANALAKSHMI A | 19AUBO47 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 44 | VADAKKUVASELVI H | 19AUBO48 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 45 | YAMUNA M | 19AUBO49 | A | A | A | A | A | X | X | X | X | X | X | X | X | X | X |

Selva

M. Celory
 THE HEAD, DEPARTMENT OF BOTANY
 St. Mary's College, Tuticorin.

Mushroom Cultivation 2021-2022

| No | Name | 1 | 2 | 3 | 4 |
|----|--------------------------|---|---|---|---|
| 1 | Abinayasi R | x | x | x | x |
| 2 | Anantha Jolha | x | x | x | x |
| 3 | Anjali M | x | x | x | x |
| 4 | Annapetraru S | x | x | x | x |
| 5 | Arockiamany J | a | a | a | a |
| 6 | Arokkuya Rosi A | x | x | a | a |
| 7 | Panumathi B | x | x | a | a |
| 8 | Bapitha S | x | x | x | x |
| 9 | Christika S | x | x | x | x |
| 10 | Dhananu A | x | a | x | x |
| 11 | Dharsini R | a | x | x | x |
| 12 | Francis Martin Shoke x | x | x | x | x |
| 13 | Jenifer A | x | x | x | x |
| 14 | Kalaranjitham P | x | a | a | x |
| 15 | Linga Tejantha | x | x | x | x |
| 16 | Madhubala A | x | x | x | x |
| 17 | Madhura P | x | x | x | x |
| 18 | Maha Lakshmi S | x | x | x | x |
| 19 | Mama Fatima Kaderka R | x | x | x | x |
| 20 | Mama Jenifer x | x | x | x | x |
| 21 | Mama Priya I | x | x | x | x |
| 22 | Manammal G | x | x | x | x |
| 23 | Mamasubha G | x | x | x | x |
| 24 | Manelwani U | x | x | x | x |
| 25 | Mounika Devi M | x | x | x | x |
| 26 | Mulhamulselva S | x | x | x | x |
| 27 | Mulhamalathi K | x | a | a | x |
| 28 | Mulhamari M | x | a | x | x |
| 29 | Nandhini A | x | x | x | x |
| 30 | Nandhini J | x | x | x | x |
| 31 | Poongani R | x | x | x | x |
| 32 | Renuka K | x | x | x | x |
| 33 | Renuka Berry R | x | x | x | x |
| 34 | Renuka S | x | x | x | x |
| 35 | Sakshi Priya M | x | a | x | x |
| 36 | Saranya S | x | x | x | x |
| 37 | Silvini Jaya Selvarana S | x | x | x | x |
| 38 | Sivasankari S | x | x | x | x |
| 39 | Sophia S | x | x | x | x |
| 40 | Supantha S | x | x | x | x |
| 41 | Tamilarasi A | x | x | x | x |
| 42 | Thamalakshmi | x | x | x | x |
| 43 | Vandakkuvasek H | x | x | x | x |
| 44 | Yamini M | x | x | x | x |
| 45 | Sita P | x | x | x | x |


 THE HEAD, DEPARTMENT OF BOTANY
 St. Mary's College, Tuticorin.

St. Mary's College (Autonomous), Thoothukudi
Department of Botany
Certificate Course – Mushroom Cultivation 2021 -2022

| S.No | Name | Register No | Hrs. Attended | Grade |
|------|------------------------|-------------|---------------|-------|
| 1 | ABINAYASRI R | 19AUBO01 | 23 | A |
| 2 | ANANTHA JOTHI P | 19AUBO02 | 23 | A |
| 3 | ANJALI M | 19AUBO03 | 25 | A |
| 4 | ANNAPOORANI S | 19AUBO04 | 25 | D |
| 5 | AROCKIAMARY J | 19AUBO05 | 0 | I |
| 6 | AROKKIYA ROSI A | 19AUBO06 | 13 | I |
| 7 | BANUMATHI B | 19AUBO07 | 14 | I |
| 8 | BAPITHI S | 19AUBO08 | 23 | A |
| 9 | CHRISTIKA S | 19AUBO09 | 23 | A |
| 10 | DHARANI A | 19AUBO10 | 13 | I |
| 11 | DHARSINI R | 19AUBO11 | 23 | A |
| 12 | FRANCIS MERLIN SNEKA X | 19AUBO12 | 24 | A |
| 13 | JENIFER A | 19AUBO13 | 21 | B+ |
| 14 | KALARANJITHAM P | 19AUBO14 | 15 | I |
| 15 | LINGA JAYANTHI S | 19AUBO16 | 20 | B+ |
| 16 | MADIUBALA A | 19AUBO17 | 18 | I |
| 17 | MADHUNITHA P | 19AUBO18 | 25 | A+ |
| 18 | MAHALAKSHMI S | 19AUBO19 | 21 | B+ |
| 19 | MARIA FATIMA LADISKA R | 19AUBO20 | 21 | B+ |
| 20 | MARIA JENIFER S | 19AUBO21 | 30 | O |
| 21 | MARIA PRIYA T | 19AUBO22 | 21 | B+ |
| 22 | MARIAMMAL G | 19AUBO23 | 21 | B+ |
| 23 | MARIASUBHA G | 19AUBO24 | 25 | D+ |
| 24 | MARIESWARI U | 19AUBO25 | 20 | B+ |
| 25 | MOUNIKA DEVI M | 19AUBO26 | 19 | B+ |
| 26 | MUTHAMILSELVI S | 19AUBO27 | 19 | B+ |
| 27 | MUTHUMALATHI K | 19AUBO28 | 13 | I |
| 28 | MUTHUMARI M | 19AUBO29 | 16 | I |
| 29 | NANDHINI A | 19AUBO30 | 24 | D+ |
| 30 | NANTHINI I | 19AUBO31 | 23 | A |
| 31 | POONGANI R | 19AUBO33 | 17 | I |
| 32 | PUNITHA K | 19AUBO34 | 15 | I |
| 33 | RENITTA BENCY R | 19AUBO36 | 25 | A |

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Selva

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|----|-------------------------|----------|----|----|
| 34 | RENUKA S | 19AUBO37 | 25 | A+ |
| 35 | SAKTHI PRIYA M | 19AUBO38 | 15 | - |
| 36 | SARONIYA S | 19AUBO39 | 25 | A+ |
| 37 | SILUVAI JEYA JEFREENA S | 19AUBO40 | 20 | B+ |
| 38 | SIVASANKARI S | 19AUBO41 | 23 | A |
| 39 | SNEKA S | 19AUBO42 | 19 | B+ |
| 40 | SOPHIA S | 19AUBO43 | 23 | A |
| 41 | SUGANTHI S | 19AUBO44 | 20 | B+ |
| 42 | TAMILARASI A | 19AUBO46 | 25 | A+ |
| 43 | THANALAKSHMI A | 19AUBO47 | 25 | A+ |
| 44 | VADAKKUVASELVI H | 19AUBO48 | 25 | A+ |
| 45 | YAMUNA M | 19AUBO49 | 15 | - |

Mr. Celery for Celery
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Selva

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI
(Re-accredited with 'A' Grade by NAAC)



CAREER ORIENTED PROGRAMME

CERTIFICATE

This is to certify that Ms. RENITHA BENCY R of III B.Sc. Botany

has actively participated and successfully completed a course on Mushroom

Cultivation conducted for the academic year

20 21 - 20 22 with A Grade .

Selva
Instructor

Lucia Rose
Principal
St. Mary's College (Autonomous)