



# NIRMALA COLLEGE MUVATTUPUZHA

Muvattupuzha P. O., Ernakulam Dist., Kerala - 686 661

Telephones: 0485 2832361, 2836300

e-mail: nirmalacollege@gmail.com, Website: www.nirmalacollege.ac.in

**FOURTH CYCLE NAAC ACCREDITATION 2019**

## CRITERION 1

### CURRICULAR ASPECTS

1.1.2. Number of certificate/diploma program introduced during last five years

**MCCC14 CERTIFICATE COURSE-MUSHROOM CULTIVATION**

*Submitted to*



**THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

# CRITERION 1

## CURRICULAR ASPECTS

### MCCC14 CERTIFICATE COURSE-MUSHROOM CULTIVATION

1. SYLLABUS
2. STUDENTS LIST
3. ATTENDANCE REGISTER
4. ASSESSMENT PROCEDURE
5. SUMMARY REPORTS
6. CERTIFICATE
7. BROCHURE
8. MINUTES

**CERTIFICATE COURSE  
ON  
MUSHROOM CULTIVATION**

**Course code: CRCO1**

**Duration: 30 Hours**

**Course Objectives:**

- Enable the students to identify edible and poisonous mushrooms
- Provide hands on training for the preparation of bed for mushroom cultivation and spawn production
- Give the students exposure to the experiences of experts and functioning mushroom farms
- Help the students to learn a means of self employment and income generation

**Course outcome:**

By successfully completing the course, students will be able to:

- Identify edible types of mushroom
- Gain the knowledge of cultivation of different types of edible mushrooms and spawn production
- Manage the diseases and pests of mushrooms
- Learn a means of self-employment and income generation

**Syllabus**

**Module 1: Introduction to mushrooms (2 hours)**

Mushrooms -Taxonomical rank -History and Scope of mushroom cultivation - Edible and Poisonous Mushrooms-Vegetative characters

**Module 2: Common edible mushrooms (2 Hours)**

Button mushroom (*Agaricus bisporus*), Milky mushroom (*Calocybe indica*), Oyster mushroom (*Pleurotus sajorcaju*) and paddy straw mushroom (*Volvariella volvcea*).

**Module 3: Principles of mushroom cultivation (8 Hours)**

Structure and construction of mushroom house. Sterilization of substrates. Spawn production - culture media preparation- production of pure culture, mother spawn, and multiplication of spawn. Composting technology, mushroom bed preparation. Spawning, spawn running, harvesting. Cultivation of oyster and paddy straw mushroom.Problems in cultivation - diseases, pests and nematodes, weed moulds and their management strategies.

#### **Module 4:Health benefits of mushrooms(2 Hours)**

Nutritional and medicinal values of mushrooms. Therapeutic aspects- antitumor effect

#### **Module 5:Post harvest technology: (4 Hours)**

Preservation of mushrooms - freezing, dry freezing, drying, canning, quality assurance and entrepreneurship.Value added products of mushrooms.

#### **Module 6: Training/ Workshop/ Field visit(12 Hours)**

Sterilization and sanitation of mushroom house, instruments and substrates

Preparation of mother culture, media preparation, inoculation, incubationand spawn production

Cultivation of oyster mushroom using paddy straw/agricultural wastes

#### **References**

1. Marimuthu, T. et al. (1991). Oster Mushroom. Department of Plant Pathology. Tamil Nadu Agricultural University, Coimbatore.
2. Nita Bhal. (2000). Handbook on Mushrooms. 2nd ed. Vol. I and II. Oxford and IBH Publishing Co. Pvt. Ltd., New Delhi
3. Pandey R.K, S. K Ghosh, 1996. A Hand Book on Mushroom Cultivation. Emkey Publications.
4. Pathak, V. N. and Yadav, N. (1998). Mushroom Production and Processing Technology. Agrobios, Jodhpur.
- 5.Tewari Pankaj Kapoor, S. C. (1988). Mushroom Cultivation. Mittal Publication, New Delhi.
6. Tripathi, D.P. (2005) Mushroom Cultivation, Oxford & IBH Publishing Co. PVT.LTD, New Delhi.
7. V.N. Pathak, Nagendra Yadav and Maneesha Gaur, Mushroom Production and Processing Technology/ Vedams Ebooks Pvt Ltd., New Delhi (2000)


## **CERTIFICATE COURSE –MUSHROOM CULTIVATION**

**2014- 2015**

### **Students list**

1. TESSY MATHEW
2. SWATHY KRISHNAN
3. SURYA BABU
4. SULEKHA J. BACKER
5. SHAHARBAN M.P
6. MUHSINA MUHAMMED
7. MUHASINA P.A
8. JYOTHY K.V
9. JOSEMIN CHACKO
10. JOODY JOHNY
11. JOMON GEORGE
12. HELEN MARY JOSE
13. DINIMOL T. GEORGE
14. DEVAPRIYA DILEEP
15. BEFSY CHACKO MATHEW
16. ATHIRA M
17. ASWATHY BABU
18. ASHNA MUHAMMED
19. ANJUMOL RAJAAPAN
20. ANJU PETER
21. ANJITHA V.K
22. ANAY JOSE
23. ALPHONSA GEORGE
24. AISWARIA KRISHNAN
25. AFRIN HAMMED
26. NEETHU P.R
27. MITHUN M.S
28. KRISHNAPRIYA M.K
29. JISSY THOMAN
30. DILSHA HILARI
31. BINCY ELSA BABU
32. ASHLY MARY JOSEPH
33. AMALU JOSHY
34. ALLU G LAL
35. ABHILASH CM
36. ALBY JOSE
37. ANIT JAMES
38. ANITHA JOHN
39. DINA JOSE
40. JAISON J MYLADOOR
41. JILU JOSEPH
42. JISIN JOSEPH

43. KRISHNAJA NARAYANAN
44. KRISHNAPRIYA KS
45. LAVINA JOSEPH
46. PADMASREE JAIN
47. RESMA P SAJU
48. RESMI K.S
49. SARANYA V.K
50. SETHULAKSHMI K.D
51. SURJITH K.M
52. VARSHA SAJEEVAN
53. ALEENA K NOBLE
54. ANITHA JAMES
55. ANUMOL AUGUSTINE
56. ATHIRA SASEENDHARAN
57. BILBY BABY
58. CHIPPY V.J
59. HUSSNA M NASSAR
60. JACKS M JAMES
61. JENTOL MATHEW
62. JIJIL GEORGE
63. SHEENAMOL V H
64. SHIBINA SHAJI
65. SIJI MANCY BABU
66. SILPA KR
67. SIMNA AK
68. SRUTHI SIVAN
69. SUJITH P RAVI
70. ACHU SREKUMAR
71. AIDA BASIL
72. AISWARIYA PREMAN
73. ANIJA K S
74. ANITTA MARY JOHN
75. ANJALY S NAIR
76. ANJU VARGHESE
77. ANNMARIA JOSE
78. ANTONY BINOY
79. ANULEKHA P V
80. ATHIRA SATHYAN
81. BASIL SAJI
82. DEEPTHI NAIR
83. DEVI N
84. DONY SABU
85. HARIKRISHNAN K
86. INDHU V
87. JENNY KURIAKOSE
88. JILS PAUL
89. ASHA SAJI
90. AMAL JOSE

  
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NIRMALA COLLEGE  
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**CERTIFICATE COURSE – MUSHROOM CULTIVATION**  
**2015- 2016**

**Students list**


1. Vishnu K.S
2. Tilbin Thomas
3. Sruthi .S
4. Souparnika T Prakash
5. Sebin Thankachan
6. Sarath Kumar K. N
7. Rehmanath R
8. R. Ballu Raj
9. Preetha Jose
10. Nimitha C. S
11. Neethu Joseph
12. Nainu Irin Jose
13. Mebin George
14. Martin Thomas
15. Jobin .k. Jacob
16. Jishnu Biju
17. Jesbin Jacob
18. Jeffin Xavier
19. Jasna Nazeer
20. Haritha Ramachandran
21. Hanna Fathima
22. Gopika P Das

23. Geethu Gopi
24. Feras Law Bronson
25. Augusti ne Mathew
26. Ashly Mathew
27. Arun Sabu
28. Archana S Kumar
29. Anu Maria George
30. Anjali Santhosh
31. Ameena Sunil
32. Treesa Jose
33. Suminamol Majeed
34. Stella Mariya Stephan
35. Rohan Stanley
36. Rensy A S
37. Rani James
38. Ninu Sebastain
39. Nandhu Sasi
40. Monse Michael
41. Mary Rafflesia Chackochan
42. Keerthana Aswathi
43. Jilsa Jose
44. Jilby K Jose
45. Jewal Raju Thottam
46. Honey E B
47. Haritha Hari



48. Ginu Emmanuel
49. Geethu Kuriachan
50. Geethu Priya V
51. Gayathri M D
52. Clinton Kuriakose
53. Chippy Shaji
54. Charles Abraham
55. Beema Aliyar
56. Arya Vidhyadharan
57. Anoop Jose
58. Ann Treesa Babu
59. Anjali Rajan
60. Amitha Prasad
61. Amalu Balan
62. Alphy Benny
63. Ajeesh K C
64. Rincy Abraham
65. Akhiya Pavi
66. Muhasina Moosa
67. Keerthy Narayanan
68. Akshya Babu
69. Ann Mohan
70. Anupriya P R
71. Anusha A P
72. Ashifa M A

73. Ashly M J
74. Basil George
75. Eldhose Mathew
76. Geethu Babu
77. Jisna Jolly Mathew
78. Jincy Joy
79. Jibin James
80. Jesna Ibrahim
81. Gisna George
82. Helty Thomas
83. Joama Mathew
84. Mahin P S
85. Metty Thomas
86. Namitha Mariya Jose
87. Rasla A M
88. Reshma N K
89. Shilpa K S
90. Elby Abraham
91. Amal Joseph
92. Vishnu K S
93. R Balu Raj
94. Anjali Santhosh
95. Jeffin Xaviour

  
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# **CERTIFICATE COURSE –MUSHROOM CULTIVATION**

**2016- 2017**

## **Students list**

1. Tomcy Joseph
2. Aiswarya G
3. Amala Jose
4. Sruthy Mohan
5. Salma Raju
6. Aneena Jose
7. Anjaly S K
8. Ardra Subash
9. Arya A Ravikumar
10. Ashif Haja
11. Muhammed Shameem M
12. Minnu Mary Jaison
13. Merlin Varghese
14. Mahesh M V
15. Hariprasad S
16. Amal P G
17. Beema Mujeeb
18. Heera V S
19. Fasna K Salim
20. Krishnapriya E R
21. Maria John
22. Merlin Mary Joy

23. Nisa Jaison
24. Rathika Mol P R
25. Reshmi Satheesh Babu
26. Sneha Saju
27. Sruthy Rajan
28. Aiswarya S
29. Aleena Jose
30. Amalda Bercy
31. Jessy Varghese
32. Jeeva gijo
33. Ance Maria Joy
34. Aneena Ayappan
35. Angel Jolly
36. Anjitha Pradeep
37. Aswathy K B
38. Aysha M Latheef
39. Charu Mariet Benny
40. Dona Antony
41. Emil Mathew
42. Ganga Johny
43. Hairunisa O A
44. Sandra Tom
45. Tissa Shaju
46. Abhinav S
47. Aisha Mol P U
48. Beema T A
49. Bharath Prasad K

50. Bobin Mathew
51. Aswathy C A
52. Asharami S
53. Arya Viswanath
54. Arya Shaji
55. Akhila K R
56. Akshya Sara George
57. Aleena Alex
58. Aletta Maria Thomas
59. Almiya Assiss
60. Arun George
61. Almy Kabeer
62. Anitta Benny
63. Anitta Dominic
64. Anju Jose
65. Fathima A
66. Arya P R
67. Akshara Velayudhan
68. Ancy Stephan
69. Arunima Sasi
70. Aswathy Pushpan
71. Alphin Rose Mathew
72. Aju Thankappan
73. Sanju C Sunny
74. Hari Govind J
75. Muhammed Asath
76. Riyas Muhammed N H

77. Athira M M
78. Insha M M
79. Fisna Mathew
80. Jisna Jose
81. Lakshmi Ramesh
82. Lakshmi V J
83. Limisha K Muhammed
84. Joicy P Johny
85. Jubairiyath A
86. Sandra V Sathyan
87. Abeena K H
88. Preethi K Paulose
89. Nivea Francis
90. Anjana Krishnan

  
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## **CERTIFICATE COURSE –MUSHROOM CULTIVATION**

**2017- 2018**

### **Students list**


1. Akash Shine Thomas
2. Dybin George
3. Anjitha Binu
4. Ammu Ashokan
5. Aleena Joy
6. Anagha Mary Thomas
7. Aneesh Subair
8. Anjana Subash
9. Ashna P Salim
10. Anjana Sen
11. Ann Mary Vincent
12. Ashna Sunny
13. Juby Baby
14. Aranya Mol Balan
15. Aswathy Appukuttan
16. Neethumol S
17. Sreeya Sajan
18. Dooniya Johnson
19. Syalini Sivan
20. Fathima Muhammed

21. Thushara Ramakrishan
22. Gini Augustine
23. Hilda Jose
24. Vishnu Priya
25. Maheswari G Thoppil
26. Muneera Moosa
27. Naveena Das
28. Nimmy John
29. Sruthi K
30. Sumayya Yousef
31. Abbdul Razak K
32. Amal C M
33. Jishnu G
34. Mathew Thomas
35. Muhamed Fayiz C
36. Renjith M R
37. Abnisha Shareef
38. Rose Mary Jose
39. Alfina M S
40. Nesi Yousef
41. Anjana K Ajayan
42. Anna Baby
43. Mareena Chackochan
44. Fathima Bishara



45. Keerthana P
46. Greeshma Shaji
47. Fathima M J
48. Fathimath T A
49. Baby Krishna P K
50. Geethu Krishnankutty
51. Johncy Joy
52. Aruna Mathew
53. Ardhra Jacob
54. Leema Rose Mathew
55. Anjumol N S
56. Merin Francis
57. Aganus T Sebastian
58. Urmila Antony
59. Ruksana A S
60. Abhirami C Nair
61. Sajla Salin A P
62. Thasni P M
63. Shahana Ahammed
64. Surya N R
65. Soumya Ramakrishnan
66. Keerthi Raju
67. Sruthy Kunjappan
68. Emmanuel George

69. Jerry Thomas
70. Aleena Shaji
71. Arya M S
72. Vishnu Sukumaran
73. Amina C E
74. Aliga Bastin
75. Jerin John
76. Naveen Nelson
77. Ankitha Jose
78. Aparna Sabu
79. Reshma S
80. Anakha Sharma
81. Anna K Thomas
82. Georgekutty K G
83. Arya Krishnan
84. Aleena Jose
85. Swarna Vinod
86. Malutty Asokan
87. Rinu Babu
88. Amriya Raju

  
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## **CERTIFICATE COURSE –MUSHROOM CULTIVATION**


**2018- 2019**

### **Students list**

1. Mahesh Pavithran
2. Anjitha Jagadesan
3. Sreelekha S G
4. Aniemol T S
5. Sangeetha N S
6. Amrutha Rajan
7. Alfiya Navas
8. Jiyas V J
9. Anjo Paul John
10. Mahin P Y
11. Ajanya Venu
12. Anupriya Mathew
13. Ashly M A
14. Bineetha Mol M B
15. Devika Laiju
16. Nakul Naijo
17. Siyana S A
18. Srruthy Kumaran
19. Sumi Joy
20. Arsha Venugopal

21. Soosan P Issac
22. Arathy Aji
23. Amala Shaji
24. Sreepriya Sajeev
25. Aswathy R Kartha
26. Devachandana C
27. Sravan K P
28. Anita Binu
29. Vaishnav Babu
30. Fathima V A
31. Anjaly P R
32. Kesiah Eldho
33. Ameena Ismail
34. Jelbin Mathew
35. Ajo Pious
36. Alan George
37. Albin T Raji
38. Vijalakshmi K
39. Amal Krishna
40. Renjima Renjan
41. Merin Shanty
42. Salima P A
43. Mary Sandra
44. Justin Jose

45. Jatheera K Jalam
46. Kavyanjana P V
47. Lijo Joseph
48. Annmariya Joy
49. Anto M O
50. Dayana Varghese
51. Saharshan P M
52. Sobin J Soy
53. Alphonsa Baby
54. Deepthi S
55. Binsiya
56. Bharana Thankachan
57. Archana Murali
58. Fathima M M
59. Swathy Sajikumar
60. Fathima Hiba

  
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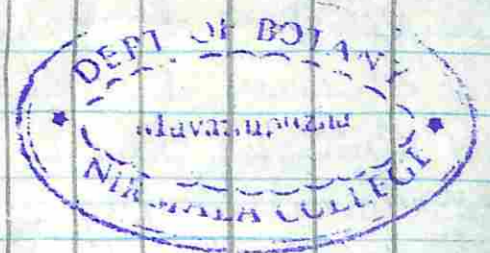
2014-15

CERTIFICATE COURSE - MUSHROOM CULTIVATION

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No.	Name	Subject	2/16/14	2/16/14	16/7/14	3/17/14	5/18/14	27/18/14	9/19/14	19/19/14	27/19/14	7/10/14	23/10/14	29/10/14	15/11/14	19/11/14	21/12/14	11/12/14	15/12/14	2/1/15	13/1/15	23/1/15	10/1/15	18/1/15	10/2/15	19/2/15	27/2/15
			2/16/14	2/16/14	16/7/14	3/17/14	5/18/14	27/18/14	9/19/14	19/19/14	27/19/14	7/10/14	23/10/14	29/10/14	15/11/14	19/11/14	21/12/14	11/12/14	15/12/14	2/1/15	13/1/15	23/1/15	10/1/15	18/1/15	10/2/15	19/2/15	27/2/15
1.	Tessy Mathew	Zoology	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2.	Swathy Krishnan	"	X	X	X	X	a	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X
3.	Ranga Babu	"	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4.	Eulekha J. Backer	"	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5.	Shaharban M.P	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6.	Muhsina Muhammed	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7.	Mehasna P.A	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8.	Jyothy K.V	"	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9.	Josephin Chacko	"	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10.	Soody Johny	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11.	Tomon George	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12.	Helen Nary Jose	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13.	Dimmol T. George	"	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14.	Devapriya Delep	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15.	Betsy Chacko Mathew	"	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16.	Athira M	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17.	Aswathy Babu	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18.	Ashna Muhammed	"	X	X	a	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19.	Anyamol Rajappan	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20.	Anya petel	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21.	Anjitha V.K	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22.	Anay Jose	"	X	a	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23.	Alphosa George	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24.	Aiswarya Krishnan	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25.	Aksh Hameed	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26.	Neethu P.K	"	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27.	mother m.s	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28.	Krishnapriya m.k	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29.	Jissy Thoman	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30.	Dilsha Hilari	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31.	Bincy Elsa Babu	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32.	Ashly Mary Joseph	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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Handwritten signature and date: *Amritha* 27/2/15

H.O.D  
Department of Botany  
Niramal College, Muvattupuzha

2014-2015

CERTIFICATE COURSE - MUSHROOM CULTIVATION

No.	Name	Subject	21/14 Sat	21/14 Sun	16/14 Wed	31/14 Wed	5/14 Wed	2/14 Wed	9/14 Tue	19/14 Wed	21/14 Sat	7/14 Tue	29/14 Thurs	29/10/14 Wed	15/11/14 Sat	14/11/14 Wed	2/11/14 Tue	11/11/14 Thurs	15/11/14 Mon	2/11/15 Fri	13/11/15 Tue	23/11/15 Fri	10/12/15 Tue	18/12/15 Wed	10/12/15 Tue	19/12/15 Sun	27/12/15 Fri
33.	Amaluk Joshy	"	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34.	Allu G-hal	"	X	X	X	X	X	X	X	a	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35.	Abhilash em	Botany	a	X	a	X	X	X	X	X	X	X	X	X	a	X	a	X	X	X	X	a	X	X	X	X	X
36.	Alby Jose	"	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37.	Anet James	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38.	Anitha John	"	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X
39.	Dina Jose	"	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40.	Jason Jmyladoo	"	a	X	X	a	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X
41.	Jileu Joseph	"	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X
42.	Jisim Joseph	"	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X
43.	Krishnaja Narayanan	"	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X
44.	Krishnapriya Ks	"	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45.	Laveena Joseph	"	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X
46.	Padmasree Jain	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47.	Reshma P Saju	"	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48.	Resmi K.S	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49.	saranya V.R	"	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a
50.	sethulakshmi kid	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X
51.	saritha km	"	X	X	a	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52.	vaasha Saseevan	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
53.	Aleena K Noble	"	X	X	X	X	X	X	a	X	X	X	X	a	a	X	X	X	X	X	X	X	X	X	X	X	X
54.	Anitha James	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
55.	Anumol Augustne	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	a	X	X	X
56.	Athra Easendran	"	X	X	X	a	X	X	X	X	a	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
57.	Bilby baby	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
58.	Chippy VJ	"	a	X	X	X	X	X	X	X	X	a	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X
59.	Hisna M Nassae	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a
60.	Jacks M James	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
61.	Jentol Mathew	"	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X
62.	Jijil George	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
63.	Sheenamol V H	"	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
64.	Shobina Shaji	"	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X



Chorpps  
27/12/15

H.O.D  
Department of Botany  
Nirmala College, Novattupuzha

2014-2015

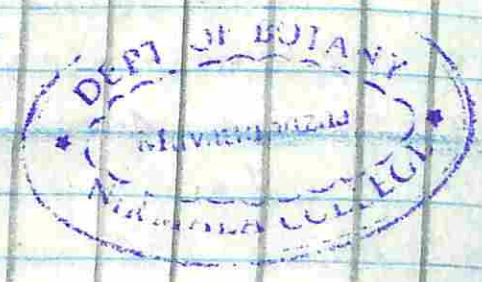
CERTIFICATE COURSE - MUSHROOM CULTIVATION

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No.	Name	Subject	21/10/14 Saturday	21/10/14 Friday	16/11/14 Wednesday	23/11/14 Thursday	30/11/14 Tuesday	07/12/14 Wednesday	14/12/14 Tuesday	21/12/14 Friday
65.	Siji Nancy Babu	Botany.	X	X	X	X	X	X	X	X
66.	Silpa K.R	"	a	X	X	a	X	a	X	X
67.	Simna Ak	"	X	X	X	X	X	X	X	X
68.	Bruthy Sivan	"	X	a	X	X	X	X	X	X
69.	Sujith P Ravi	"	X	X	a	X	X	X	X	X
70.	Achu Ereckumar	Maths	X	X	X	X	X	X	a	X
71.	Sada Basel	"	X	X	X	X	a	X	X	X
72.	Aswarya Preman	"	a	X	X	X	X	X	X	X
73.	Anuja K.S	"	X	X	X	X	X	a	X	X
74.	Aritha mary John	"	X	X	X	X	X	X	X	X
75.	Anjali S Nair	"	X	X	X	a	X	X	X	X
76.	Anju Vaighese	"	X	X	X	X	a	X	a	X
77.	Ann marya Jose	"	X	X	X	X	X	X	X	X
78.	Antony Binoy	"	X	X	X	X	X	X	X	X
79.	Anulekha P.V	"	X	X	a	X	X	X	X	X
80.	Athira sathyan	"	X	X	X	X	X	X	X	X
81.	Basil sasi	"	X	X	X	X	X	X	X	X
82.	Deepthi Nair	"	X	X	X	a	X	X	X	X
83.	Devi N	"	a	X	X	X	a	X	X	X
84.	Dony Sabu	"	X	X	X	X	X	X	X	X
85.	Harskrishnan K	"	X	X	X	X	X	X	X	X
86.	Indu V	"	X	X	X	X	X	X	X	X
87.	Jenny Kurakose	"	X	X	X	a	X	X	X	X
88.	Jols Paul	"	X	X	X	X	X	a	X	X
89.	Asha sasi	"	X	X	X	X	X	X	X	X
90.	Amal Jose	"	a	X	X	a	X	X	X	X

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No.	Name	Subject	21/10/14 Saturday	23/10/14 Tuesday	29/10/14 Tuesday	15/11/14 Saturday	19/11/14 Wednesday	2/12/14 Tuesday	11/12/14 Tuesday	15/12/14 Monday	2/1/15 Friday	13/1/15 Tuesday	23/1/15 Friday	10/2/15 Tuesday	18/2/15 Wednesday	10/3/15 Tuesday	14/3/15 Thursday	21/3/15 Friday
65.	Siji Nancy Babu	Botany.	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X
66.	Silpa K.R	"	X	X	X	X	X	a	X	X	X	X	X	a	X	X	a	a
67.	Simna Ak	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
68.	Bruthy Sivan	"	a	X	X	a	X	X	X	X	X	X	X	a	X	X	X	X
69.	Sujith P Ravi	"	X	X	X	X	X	X	a	X	X	X	X	X	X	a	X	X
70.	Achu Ereckumar	Maths	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X
71.	Sada Basel	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
72.	Aswarya Preman	"	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X
73.	Anuja K.S	"	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X
74.	Aritha mary John	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
75.	Anjali S Nair	"	X	X	X	X	X	X	X	X	a	X	X	X	X	a	X	X
76.	Anju Vaighese	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
77.	Ann marya Jose	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
78.	Antony Binoy	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
79.	Anulekha P.V	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
80.	Athira sathyan	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
81.	Basil sasi	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
82.	Deepthi Nair	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
83.	Devi N	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
84.	Dony Sabu	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
85.	Harskrishnan K	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
86.	Indu V	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
87.	Jenny Kurakose	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
88.	Jols Paul	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
89.	Asha sasi	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
90.	Amal Jose	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



Handwritten signature and date: 24/3/15

H.O.D  
Department of Botany  
Mirimala College, Muvattupuzha



# CERTIFICATE COURSE - MUSHROOM CULTIVATION

22 2015-2016

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No.	Name	Subject	2015-2016										2016-2017														
			11/6/15	16/6/15	6/7/15	14/7/15	25/7/15	1/8/15	22/8/15	16/9/15	25/9/15	10/10/15	27/10/15	4/11/15	11/11/15	2/12/15	11/12/15	19/12/15	6/1/16	13/1/16	20/1/16	27/1/16	3/2/16	10/2/16	17/2/16	24/2/16	3/3/16
1.	Vishnu K S	Maths	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2.	Jobin Thomas	"	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3.	Smith S.	"	X	X	a	X	X	X	a	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4.	Souparnika T Prakash	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5.	Sebin Thankachan	"	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6.	Ezeath Kumar K.N	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a
7.	Reshmanath R	"	a	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8.	R. Ballu Raj	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9.	Preetha Jose	"	X	X	X	X	X	X	a	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10.	Nimitha C.S	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11.	Aleethu Joseph	"	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12.	Nainu Irine Jose	"	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13.	Mebin George	"	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14.	Martin Thomas	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15.	Jobin K. Jacob	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16.	Jishnu Bisu	"	X	X	X	X	X	X	a	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17.	Jesbin Jacob	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18.	Jesfin Xavier	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19.	Jasna Nazeeer	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20.	Haritha Ramachandran	"	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a
21.	Hanna Fatima	"	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22.	GOPIKA P. DAS	"	a	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23.	Geethu Gopi	"	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24.	Ferdas Iaw Bronson Calmwell	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25.	Augustine Mathew	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26.	Ashley Mathew	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a
27.	Azun Sabu	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28.	Archana S Kumar	"	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29.	Anu mawa George	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30.	Anjaly Santhosh	"	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31.	Ameena Sunil	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



23/3/16

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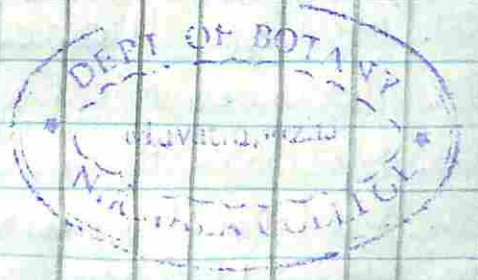
# CERTIFICATE COURSE - MUSHROOM CULTIVATION

2015-2016

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No.	Name	Subject	11/6/15	16/6/15	6/7/15	14/7/15	25/7/15	11/8/15	22/8/15	16/9/15	25/9/15	12/10/15	27/10/15	4/11/15	11/11/15	11/12/15	14/12/15	6/1/16	13/1/16	30/1/16	3/2/16	15/2/16	12/3/16	9/3/16
			Tuesday	Tuesday	Monday	Tuesday	Saturday	Tuesday	Saturday	Wednesday	Monday	Tuesday	Wednesday	Tuesday	Friday	Monday	Wednesday	Wednesday	Wednesday	Saturday	Wednesday	Monday	Wednesday	Tuesday
32.	Treesa Jose	Maths	a	x	x	x	x	x	x	x	x	x	x	x	a	x	+	x	+	x	+	x	+	a
33.	Suminamol Majeed.	"	x	x	a	x	x	x	x	x	x	x	x	x	x	x	+	x	+	x	+	x	+	x
34.	Stella Marya Stephen	"	x	x	x	x	x	x	x	x	a	x	x	a	x	x	+	x	+	x	+	a	x	+
35.	Roshan Stanley	"	x	x	x	a	x	x	x	x	x	x	x	x	x	x	+	x	+	x	+	x	+	x
36.	Rensy A.S	"	x	a	x	x	x	x	x	x	x	x	x	x	x	x	+	x	+	a	+	x	+	+
37.	Rans James	"	x	x	x	x	x	x	x	x	x	x	x	x	x	x	+	x	+	x	+	x	+	x
38.	Nnu Sebastian	"	x	x	x	x	x	x	x	x	x	a	x	a	x	x	+	a	+	x	+	x	+	x
39.	Mandu sasi	"	x	x	x	x	x	x	x	x	x	x	x	x	x	x	+	x	+	x	+	a	a	+
40.	Monse Michael	"	x	x	x	x	x	x	x	x	x	x	x	x	x	x	+	x	+	x	+	x	+	+
41.	Mary Rattlesra Chackochan	"	a	x	x	a	x	x	x	x	x	x	x	x	x	x	+	x	+	x	+	x	+	+
42.	Keerthana Aswathy	"	x	x	x	x	x	x	x	x	x	x	x	x	x	x	+	x	+	x	+	x	+	+
43.	Jilsa Jose	"	x	x	a	x	x	x	x	x	x	x	a	x	x	+	a	+	x	+	x	+	x	+
44.	Jilby K. Jose	"	x	x	x	a	x	x	x	x	x	x	x	x	x	x	+	x	+	x	+	x	+	+
45.	Jewel Raju Thottam	"	x	x	x	x	x	x	x	x	x	x	x	x	x	x	+	x	+	x	+	a	x	+
46.	Honey E.B	"	x	a	x	x	x	x	x	x	x	x	x	x	x	x	+	a	+	x	+	x	+	+
47.	Haritha Hari	"	x	x	x	x	x	x	x	x	x	x	x	x	x	x	+	x	+	x	+	x	+	+
48.	Genu Emmanuel	"	x	x	x	x	x	x	x	x	x	a	x	x	x	x	+	x	+	x	+	x	+	a
49.	Geetha Kuriachan	"	x	x	x	a	x	a	x	x	x	x	x	x	x	a	x	+	x	+	x	+	x	+
50.	Geetha Priya V	"	x	x	x	x	x	x	x	x	x	x	x	x	x	x	+	a	+	x	+	x	+	+
51.	Gayathry M.D	"	x	x	x	x	x	x	x	x	x	x	x	a	x	+	x	+	x	+	x	+	x	+
52.	Clinton kuriakose	"	x	x	x	a	x	x	x	x	x	x	x	x	x	+	x	+	x	+	x	+	x	+
53.	Chippy Saji	"	x	a	a	x	a	x	x	x	x	x	x	x	x	+	x	+	x	+	x	+	x	+
54.	Charles Abraham	"	x	x	x	x	x	x	x	x	x	a	x	x	x	+	x	+	x	+	a	x	+	+
55.	Beema Alryar	"	x	x	x	a	x	x	x	x	x	x	x	x	x	+	a	+	x	+	x	+	x	+
56.	Anya vidhyadharan	"	x	x	x	x	x	x	x	x	x	x	x	x	x	+	x	+	x	+	x	+	x	+
57.	Anoop Jose	"	x	x	x	x	x	x	x	x	x	x	x	x	x	+	x	+	x	+	x	+	x	+
58.	Ann Treesa Babu	"	a	x	x	x	x	x	x	x	x	x	x	a	x	+	x	+	x	+	x	+	x	+
59.	Ansaly Rajan	"	x	x	x	x	x	x	x	x	x	x	x	x	x	+	x	+	x	+	x	+	x	+
60.	Amitha prasad	"	x	x	a	x	x	x	x	x	x	a	x	x	x	+	x	+	x	+	x	+	x	+
61.	Amala Balan	"	x	x	x	x	x	x	x	x	x	x	x	x	x	+	a	+	x	+	x	+	x	+
62.	Alphy Benny	"	x	x	x	x	x	x	x	x	x	x	x	x	a	+	+	x	+	x	+	x	+	+
63.	Ajeesh k.c	"	a	x	x	x	x	x	x	x	x	x	x	x	x	+	+	x	+	x	+	x	+	+

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*For Treesa Jose*  
 23/3/16  
 H.O.D  
 Department of Botany  
 Nirmala College, Muvattupuzha

# CERTIFICATE COURSE - MUSHROOM CULTIVATION

2015-2016

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No.	Name	Subject	11/6/15	16/6/15	6/7/15	14/7/15	25/7/15	11/8/15	22/8/15	16/9/15	23/9/15	12/10/15	27/10/15	4/11/15	17/11/15	2/12/15	11/12/15	14/12/15	6/1/16	13/1/16	20/1/16	3/2/16	15/2/16	12/3/16	29/3/16
64	Rincy Abraham	Botany	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
65	Akshya Paul	"	a	X	a	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X
66	Muhsina Moosa	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a	a
67	KEERTHY NARAYANAN	"	X	X	X	X	X	X	X	X	X	a	X	X	X	a	X	X	X	X	X	a	X	X	X
68	Akshya Babu	"	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
69	Ann Mohan	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X
70	Ampriya PR	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X
71	Anusha A.P	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
72	Ashifa M.A	"	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
73	Ashley M.J.	"	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X
74	Basil George	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
75	Eldhose Mathew	"	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a
76	Greetha Babu.	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
77	Jisna Joly Mathew	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
78	Jincy Joy	"	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
79	Jibin Jabies	"	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X
80	Jesna Ibrahim	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
81	Gisna George	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a
82	Helty Thomas	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
83	Joama Mathew	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
84	Mahim P.S	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X
85	Metty Thomas	"	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
86	Namitha Mariya Jose	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
87	Rasla AM	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
88	Reshma NK	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
89	Shilpa S	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
90	Elby Abraham	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
91	Amal Joseph	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
92	Vishnu K.S	"	X	X	X	a	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X
93	R. Balu Raj	"	X	a	X	a	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X
94	Anjaly santhosh	"	X	a	X	a	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X
95	Jeffin xavier.	"	X	X	X	a	X	X	a	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X



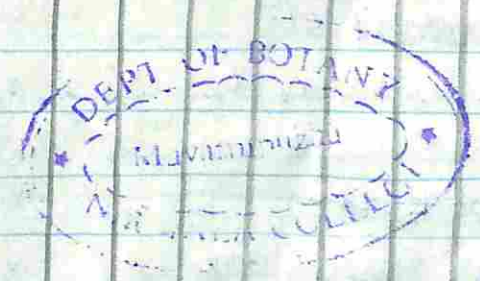
For Term 2000  
23/3/16

H.O.D.  
Department of Botany  
Nirmala College, Mylapore

2016-2017

CERTIFICATE COURSE - MUSHROOM CULTIVATION

No.	Name	Subject	16/10 Tuesday	23/10 Thursday	27/10 Thursday	30/10 Saturday	10/11 Wednesday	25/11 Thursday	7/12 Wednesday	30/12 Friday	15/01 Saturday	26/01 Wednesday	10/02 Thursday	16/02 Friday	26/02 Saturday	7/03 Wednesday	13/03 Tuesday	16/03 Monday	24/03 Tuesday	10/04 Friday	28/04 Tuesday	7/05 Friday	22/05 Wednesday	
1.	Tomaz Joseph	Botany.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2.	Aiswarya G	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3.	Amala Jose	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4.	Geudhy Mohan	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5.	Salma Raju	"	X	X	a	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X
6.	Anuena Jose	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7.	Anjaly SK	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X
8.	ARDRA SUBHASH	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9.	ARYA A RAVIKUMAR	"	X	X	X	X	X	X	a	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X
10.	Ashif Haja	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X
11.	Muhammed Shameem M	"	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a
12.	Mimi Mary Jaison	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13.	Meslin Varghese	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14.	Maresh MV	"	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15.	Hariprasad S	"	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X
16.	Amal P.G	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17.	Beema Mujeeb	"	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18.	Neesa V.S	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19.	Jasna K Salim	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20.	Keishnapriya ER	"	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X
21.	Masiya John	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22.	Meslin Mary Joy.	"	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a
23.	Nisa Jaison	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24.	Rashika mol PR	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25.	Freshmi Sathesh Babu	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26.	Sneha Bajn	"	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27.	Geudhy Rajan	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X
28.	Aiswarya S	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29.	Aleena Jose	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30.	Amalda Bercy	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31.	Jessy Varghese	"	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a
32.	Jeeva Gigo	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



Dr. Tomy Denny  
29/3/15

H.O.D  
Department of Botany  
Nirmala College, Muvattupuzha

# CERTIFICATE COURSE - MUSHROOM CULTIVATION

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No.	Name	Subject	14/6/14 Tuesday	23/6/14 Thursday	21/7/14 Thursday	30/7/14 Saturday	6/8/14 Wednesday	25/8/14 Thursday	7/9/14 Wednesday	20/9/14 Friday	14/10/14 Saturday	25/10/14 Wednesday	10/11/14 Tuesday	18/11/14 Friday	26/11/14 Saturday	7/12/14 Wednesday	18/12/14 Tuesday	16/1/15 Monday	22/1/15 Tuesday	10/2/15 Friday	28/2/15 Tuesday	7/3/15 Friday	29/3/15 Wednesday
33.	Ance Maria Joy	Botany	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34.	Aneena Ayappan	"	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a
35.	Angel Jolly.	"	X	a	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X
36.	Anjitha Pradeep	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37.	Aswathy KB	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X
38.	Aysha M Latheef	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39.	Charu Masiet Benny	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40.	Dona Antony,	"	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41.	Emil Mathew	"	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X
42.	Ganga Johnny	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43.	Hairgunisa OA	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a
44.	Sandra Tom	Maths	X	X	X	X	X	X	X	a	X	X	a	X	X	X	X	X	X	X	X	X	X
45.	TISSA SHAJA	"	X	a	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X
46.	Abhinav S	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47.	Aishamol PU	"	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48.	Beema TA	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49.	Bharath Prasad k	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X	X
50.	Bobin Mathew	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51.	Aswathy CA	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52.	Asharani S	"	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a
53.	Arya Viswanath	"	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X
54.	Arya Shaji	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
55.	Akhila K.R	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
56.	Akshya Sasa George	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
57.	Aleena Alex	"	X	X	X	X	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X
58.	Aletta Maria Thomas	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
59.	Almiya Assiss	"	X	X	X	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
60.	Arun George	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
61.	Army Kabers	"	X	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a
62.	Anitta Benny	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	a	X	X	X
63.	Anitta Dominic	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
64.	Anju Jose.	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



for Tammam  
29/3/15

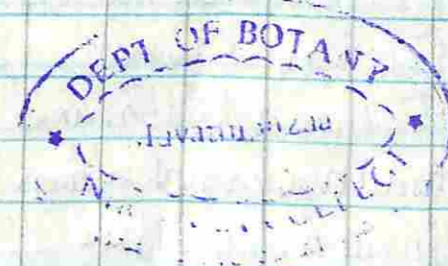
H.O.D  
Department of Botany  
Muvattupuzha

# CERTIFICATE COURSE- MUSHROOM CULTIVATION

2016-2017

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No.	Name	Subject	4/6/14 Tuesday	20/6/14 Thursday	27/6/14 Thursday	30/6/14 Saturday	1/8/14 Wednesday	25/8/14 Thursday	7/9/14 Wednesday	30/9/14 Friday	15/10/14 Saturday	22/10/14 Wednesday	10/11/14 Thursday	15/11/14 Friday	20/11/14 Saturday	11/12/14 Wednesday	18/12/14 Wednesday	25/12/14 Thursday	1/1/15 Monday	8/1/15 Monday	15/1/15 Friday	22/1/15 Friday	29/1/15 Thursday	5/2/15 Thursday	
65.	Fathima A	zoology																							
66.	Arya P.R	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
67.	Akshara Veluphan	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
68.	Ancy Stephan	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
69.	Arnnima Sasi	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
70.	Ashwathy Pushpan	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
71.	Alphin Rose Mathew	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
72.	Aju Thankappan	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
73.	Sanjya C. Sunny	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
74.	Hari Govind J	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
75.	Muhammed Azad	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
76.	Riyen Muhammed N.H	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
78.	Ahise M.M	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
79.	Insha M.M	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
80.	Fisna Mathew	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
81.	Jisna Jose	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
82.	Lakshmi Ramesh	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
83.	Lakshmi V.J	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
84.	dimisha k Muhamad	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
85.	Joicy P Johnny	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
86.	Jubaisiyth A	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
87.	Samdra V sathyan	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
88.	Abeena K.H	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
89.	Preethi K Paulose	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
90.	Nivea Francis	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



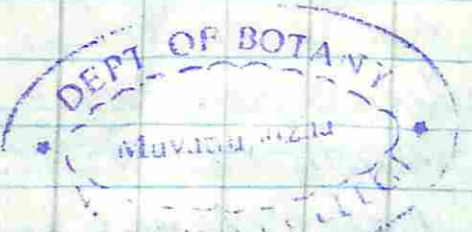
*P. Tammy Mary*  
 30/13/15

H.O.D.  
 Department of Botany  
 Nirmala College, Muvattupuzha

# CERTIFICATE COURSE - MUSHROOM CULTIVATION

2017-2018  
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I.No.	Name.	Subject	14/6/17	21/6/17	28/6/17	5/7/17	12/7/17	19/7/17	26/7/17	2/8/17	9/8/17	16/8/17	23/8/17	30/8/17	6/9/17	13/9/17	20/9/17	27/9/17	4/10/17	11/10/17	
			Wednesday	Thursday	Friday	Saturday	Wednesday	Thursday	Friday	Saturday	Wednesday	Thursday	Friday	Saturday	Wednesday	Thursday	Friday	Saturday	Wednesday	Thursday	
1.	Akash Shine Thomas		x	x	a	x	x	a	x	x	x	x	x	a	x	x	x	x	x	x	x
2.	Dybm George		x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	a	x	x
3.	Anjitha Binu		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
4.	Annu Ashokan		a	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x
5.	Aleena Joy		x	x	x	x	x	x	a	x	x	a	x	x	x	x	a	a	a	x	x
6.	Anagha Mary Thomas		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
7.	Aneesh subair		x	a	a	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x
8.	Anjana Subash		x	x	x	x	x	a	x	a	x	x	a	x	x	x	x	x	x	x	x
9.	Ashna P salim		x	x	a	a	x	x	x	x	x	x	x	x	x	x	x	a	x	x	x
10.	Anjana Sen		x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11.	Anmasy Vincent		a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12.	Ashna Sunny.		x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x
13.	Juby Baby		x	x	x	x	a	x	x	x	x	x	x	a	x	a	x	x	x	x	x
14.	Aranya mol Balam.		x	x	x	x	x	x	x	x	x	x	a	x	x	x	x	x	x	a	x
15.	Aswathy Apukuttan		a	x	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x
16.	Neethumols		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
17.	Sreeya Sajan		x	a	x	x	x	a	x	x	x	x	x	x	x	x	x	a	x	x	x
18.	Dooniya Johnson		x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
19.	Gyalini Sivan		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
20.	Fathima Mubammad		a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	a	x	x	x
21.	Thushara Ramakrishnan		x	x	x	x	a	x	x	x	x	x	x	a	x	x	x	x	x	x	x
22.	Gini Augustine		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
23.	Hilda Jose		x	a	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x
24.	Vishnu priya		x	x	x	x	x	a	x	x	x	x	a	x	x	x	x	x	x	x	x
25.	Maheswasi Sri Thoppil		x	x	x	x	x	x	x	x	x	x	x	a	x	x	x	a	x	x	x
26.	Muneera Moosa		a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
27.	Naveena Das		a	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x
28.	Nimmy John		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
29.	Eruthi K		x	x	x	x	x	x	x	x	x	x	x	a	a	x	x	x	x	x	x
30.	Sumayya Yousef		x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
31.	ABBDUL RAZAK. K		x	x	x	a	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x
32.	Amal em		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x



*S. Tammy*  
 21/10/18

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 Department of Botany  
 Nirmala College, Muvattupuzha

# CERTIFICATE COURSE- MUSHROOM CULTIVATION

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No.	Name	subject	16/11/17 Wednesday	23/11/17 Thursday	30/11/17 Monday	07/12/17 Saturday	14/12/17 Wednesday	21/12/17 Tuesday	28/12/17 Thursday	04/01/18 Wednesday	11/01/18 Thursday	18/01/18 Tuesday	25/01/18 Saturday	01/02/18 Friday	08/02/18 Thursday	15/02/18 Wednesday	22/02/18 Saturday	01/03/18 Friday	08/03/18 Thursday	15/03/18 Wednesday	22/03/18 Saturday	29/03/18 Friday	05/04/18 Thursday	12/04/18 Wednesday	19/04/18 Saturday	26/04/18 Friday	03/05/18 Thursday	10/05/18 Wednesday	17/05/18 Saturday	24/05/18 Friday	31/05/18 Thursday				
33.	Jishnu G		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34.	Mathew Thoman		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35.	Monamed Fayiz G		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36.	Renjith MR.		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37.	Abnisha shareef	Zoology	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38.	Rose may Jose	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39.	Aifina M.S	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40.	Nesi gousef	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41.	Arjana k Ajayan	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42.	Anna Baby	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43.	Mareena chackochan	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44.	Fathima Bishara	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45.	Keerthana .p	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46.	Geeshana Shaji	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47.	Fathima M.J	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48.	Fathimath T.A	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49.	Baby krishna p.k	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50.	Geetha krishnankutty	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51.	Johncy Joy	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52.	Aruna Mathew	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
53.	Ardra Jacob	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
54.	Leema Rose Mathew	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
55.	Anjumol N.S	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
56.	Mexin Francis	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
57.	Aganus t sebasten	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
58.	Urmila Antony	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
59.	Ruksana A.S	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
60.	Abhiram e Nam	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
61.	Sajla salbi A p	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
62.	Thasne p.M	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
63.	Shahana Abammel	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
64.	Sueya N.R	"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



*S. T. J. J.*  
 @ 12/18

H.O.D  
 Department of Botany  
 Nirmala College, Muvattupuzha



# CERTIFICATE COURSE- MUSHROOM CULTIVATION

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No.	Name	subject	14/10/17 Wednesday	21/10/17 Thursday	27/10/17 Monday	3/11/17 Saturday	10/11/17 Wednesday	17/11/17 Friday	23/11/17 Thursday	30/11/17 Wednesday	7/12/17 Monday	14/12/17 Tuesday	21/12/17 Saturday	28/12/17 Friday	4/1/18 Wednesday	11/1/18 Saturday	18/1/18 Thursday	25/1/18 Monday
65	Soumya Ramakrishnan	Zoology	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
66	Keerthi Raju	Maths	x	a	x	a	a	x	a	x	x	x	a	x	x	x	x	x
67	Sreelthy Kunjappan.	"	x	x	x	x	x	x	x	x	x	x	x	x	x	x	a	x
68	Emmanuel George	"	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	a
69	Jerry Thomas	"	x	x	x	x	x	x	x	x	x	a	x	x	a	x	x	x
70	Aleena Shaji	"	a	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x
71	Aiya M.S.	"	x	x	x	x	x	x	x	x	x	x	a	x	x	x	x	x
72	Vishnu Sukumaran.	"	x	x	x	x	a	x	x	x	x	x	a	x	x	x	x	x
73	Amina C.E.	"	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x
74	Aliga Bastin	"	x	x	x	x	x	a	x	x	x	x	x	a	x	x	x	x
75	Jerin John.	"	x	x	x	x	x	x	x	x	x	a	x	x	x	x	x	x
76	Naveen Nelson	"	x	x	x	x	x	x	x	x	x	x	x	x	a	x	x	x
77	Arkitha Jose	"	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x
78	Aparna Sabu.	"	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	a
79	Aishma S.	"	a	x	x	a	x	x	x	x	x	x	x	a	x	x	x	x
80	Dhanya Shamma.	"	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
81	Anna K Thomas.	"	x	x	a	x	x	x	x	x	x	x	x	x	x	x	a	x
82	Georgette K.J.	"	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x
83	Arya Krishnan	"	x	x	x	x	x	x	x	x	x	x	a	x	x	x	x	x
84	Aleena Jose.	"	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
85	Suvarna Vinod	"	x	x	x	x	x	x	a	x	x	x	a	x	x	x	x	x
86	Malathy Asokan	"	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x
87	Rinu Babu.	"	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
88	Maiya Raju	"	a	x	x	x	x	x	x	x	x	x	x	a	x	x	x	a

For Term 2/18  
8/2/18



H.O.D  
Department of Botany  
Nirmala College, Muvattupuzha

2018-2019

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No	Name	Subject	19/07/18	29/07/18	05/08/18	12/08/18	19/08/18	26/08/18	02/09/18	09/09/18	16/09/18	23/09/18	30/09/18	07/10/18	14/10/18	21/10/18	28/10/18	04/11/18	11/11/18	18/11/18	
1.	Mathesh Perithrom	Botany	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	a	x	x	x
2.	Anjitha Jagadesan	Botany	x	x	x	a	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x
3.	Sreelekha S.G	Botany	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	a	x
4.	Anamol.T.S	Botany	x	x	a	x	x	a	x	x	x	x	x	a	x	x	x	x	x	x	x
5.	Sangeetha.N.S	Botany	x	x	x	x	x	x	x	a	a	x	x	x	x	x	x	x	x	x	x
6.	Amrutha Rajan	"	x	x	x	x	x	a	x	x	x	x	x	a	x	x	a	x	x	x	x
7.	Alfiya Naras	"	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x
8.	Jiyas.V.J	"	x	a	x	x	x	x	x	a	a	x	x	x	a	x	x	x	x	x	x
9.	Anjo Paul John	"	x	x	a	x	x	x	x	x	x	x	x	x	x	a	x	x	x	x	x
10.	Mahin.P.V	"	x	x	a	x	x	x	x	x	x	x	x	a	x	a	x	x	x	x	x
11.	Ajanya.Venu	"	x	x	x	x	x	a	x	x	x	a	x	x	x	x	a	a	x	x	x
12.	Anupriya Mathew	"	x	x	x	x	x	x	x	a	x	x	x	a	x	x	x	x	x	x	x
13.	Ashly.M.A	"	x	x	a	x	x	a	x	x	x	x	x	x	x	a	x	x	x	x	x
14.	Bineethamol.MB	"	x	x	x	x	x	a	a	x	x	x	x	x	x	x	x	x	x	x	x
15.	Devika.Laiju	"	x	x	a	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x
16.	Nakul.Naijo	"	a	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x
17.	Siyana.S.A	"	x	x	x	x	x	a	x	x	x	x	x	a	x	x	x	x	x	x	x
18.	Smrithy.kumaran.	"	x	x	a	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x
19.	Suni.Joy	"	x	x	x	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x
20.	Arysha Venugopal	"	a	x	x	x	a	x	a	x	x	x	x	x	x	x	x	x	x	a	x
21.	Soosan.P.Issa	"	x	x	x	x	x	a	x	x	x	a	x	x	x	x	x	x	x	x	a
22.	Aarathy.Aji	"	x	x	x	x	x	x	x	x	x	a	x	x	x	a	x	x	x	x	x
23.	Amala.Saji	"	x	x	x	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x
24.	Breepraga.Sajeer	"	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x
25.	Aswathy R.kartha	"	x	x	x	x	x	x	x	x	x	x	x	a	x	x	x	x	x	x	x
26.	Derrachandana.C	Zoology	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
27.	Srovan.k.P	Zoology	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
28.	Anita.Bini	Zoology	a	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x
29.	Valshnar.Babu	Zoology	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	a	x
30.	Fathima.V.A	Zoology	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	a	x
31.	Anjaly.P.R	"	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	a	x
32.	Kesiah.Eldho.	"	x	x	x	a	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x

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No	Name	Subject	10/07/18	23/07/18	25/07/18	30/07/18	05/08/18	16/08/18	15/08/18	21/08/18	24/08/18	28/08/18	29/08/18	31/08/18	01/09/18	07/09/18	11/09/18	18/09/18	26/09/18	27/09/18	01/10/18	09/10/18	16/10/18	22/10/18	24/10/18	25/10/18	
33.	Amuna Ismail	Economics	x	x	x	a	x	x	x	x	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x
34.	Jelbin Mathew	"	x	x	a	x	x	a	x	x	x	x	a	x	x	x	x	a	x	x	x	x	a	x	a	x	x
35.	Ajo. pious	"	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
36.	Alan. George	"	x	x	x	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
37.	Albin T. Reji	"	x	x	x	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
38.	Vijalalshmi .k	Hindi	x	x	x	a	x	x	x	x	a	x	x	x	x	x	x	a	x	x	x	x	x	a	x	x	x
39.	Amalcrishna .S	Chemistry	a	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
40.	Renjima.Renjan	Chemistry	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
41.	Mesin Shenty	Maths.	x	x	x	x	a	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	a	x	x
42.	Sulima .P.A	Maths.	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
43.	Mary.Sandesa	physics.	x	x	x	x	a	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
44.	Justin Jose	Beom (Tax)	x	x	a	x	x	a	x	x	x	x	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x
45.	Jatheere k Jalam	Zoology	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
46.	kavyanjane P.V	Zoology	x	x	x	x	x	a	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	a	x	x
47.	LiJo. Joseph	P.V	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
48.	Ann. MeeraJoy	Zoology	x	x	x	x	x	a	x	a	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x
49.	Auto. M.O	"	x	x	x	x	x	x	a	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	a	x	x
50.	Dayana. Vaaghese	"	x	x	a	x	x	a	x	a	x	x	a	x	x	x	x	x	x	x	x	x	x	a	a	x	x
51.	Sakarshan. P.M.	"	a	x	a	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	a	x
52.	Sobin J. Soy	"	a	x	x	x	x	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	a	x	x
53.	Al Dhonsa. Baby	"	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	a	x
54.	Deepthi.S	"	x	x	x	x	a	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	a	x	x
55.	Binsiya.	"	x	x	a	a	x	x	x	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	a	x
56.	Bharana. Tharackachan	"	x	x	x	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	a	x	x
57.	Archana. Murali	"	x	x	a	x	a	a	x	a	x	x	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x
58.	Fathima. M.M	"	x	x	x	a	x	x	a	x	x	a	x	x	x	x	x	a	x	x	x	x	x	x	a	x	x
59.	Sowathel. Saji kumar	"	x	x	a	x	a	x	x	x	x	x	x	a	x	x	x	x	x	a	x	x	x	x	x	x	x
60.	Fathima. Hiba	"	x	x	x	a	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	a	x	x

## **DEPARTMENT OF BOTANY**

### **CERTIFICATE COURSE IN MUSHROOM CULTIVATION**

Mushroom cultivation can help to reduce vulnerability to poverty and strengthens livelihoods through the generation of a fast yielding and nutritious source of food and a reliable source of income. As it does not require access to land, the cultivation is viable and attractive. Mushroom cultivation is not only a source for nutritious protein-rich food; it can also contribute to the production of effective medicinal products. It is an eco-friendly agricultural practice in the efficient utilization of agricultural and industrial waste. It can also play a significant role in generating self employment opportunity. Considering the significance of mushroom cultivation the department is offering a certificate course in mushroom cultivation for the under graduate students. In addition to theory classes the course is providing hands-on trainings, seminars, assignments and field visits.

#### **Aim of the Course**

- Enable the students to identify edible and poisonous mushrooms
- Provide hands on training for the preparation of bed for mushroom cultivation and spawn production
- Give the students exposure to the experiences of experts and functioning mushroom farms
- Help the students to learn a means of self employment and income generation

**Duration of the Course:** 30 Hours

#### **COURSE ASSESSMENT**

Assessment of students was carried out on the basis of internal evaluations which include attendance, assignments, viva, test papers and practical skill during training. Certificates will be issued to students on successful completion of the course.

## **SUMMARY REPORT – YEAR WISE**

### **ACADEMIC YEAR 2014-2015**

Seminars were conducted on the topics of Mushroom cultivation and spawn production. In addition to theory classes hands on training was given to students on mushroom cultivation techniques.

Assessment of students was carried out on the basis of internal evaluations which include attendance, assignments, viva, test papers and practical skill during training. 90 students completed the certificate course.

### **ACADEMIC YEAR: 2015-2016**

Seminars were conducted on the topics ‘Mushroom cultivation using agricultural wastes’ and different types of edible mushrooms. In addition to theory classes hands on trainings were given to students on preparation and sterilization of substrate, preparation of spawn, preparation of mushroom beds using poly bag method and effective harvesting of sporocarps.

Assessment of students was carried out on the basis of internal evaluations which include attendance, assignments, viva, test papers and practical skill during training. 95 students completed the certificate course.

### **ACADEMIC YEAR: 2016-2017**

Seminars were conducted on the topics ‘Mushroom spawn production’ and ‘Mushroom cultivation for self employment’. In addition to theory classes hands on trainings were given to students on cultivation of Oyster mushroom using paddy straw.

Assessment of students was carried out on the basis of internal evaluations which include attendance, assignments, viva, test papers and practical skill during training. 90 students were completed the certificate course.

### **ACADEMIC YEAR: 2017-2018**

Seminars were conducted on the topics ‘Post harvest technology and Value - added products of Mushrooms. In addition to theory classes hands on trainings were given to students on mushroom cultivation techniques and post harvest handling of mushrooms. Students visited Mushroom grown center in Piravom, Ernakulam for field experience.

Assessment of students was carried out on the basis of internal evaluations which include attendance, assignments, viva, test papers and practical skill during training. 88 students completed the certificate course.

## **ACADEMIC YEAR: 2018-2019**

Seminars were conducted on the topics Prevention of contamination, quality control of Mushrooms and 'Disease and pest management. In addition to theory classes hands on trainings were given to students on mushroom cultivation techniques, preparation of PDA medium, mother culture and spawn production. Students visited the mushroom spawn production center- Meenakshi spawn production unit, Palakkad

Assessment of students was carried out on the basis of internal evaluations which include attendance, assignments, viva, test papers and practical skill during training. 60 students were completed the course



PRINCIPAL  
NIRMALA COLLEGE  
MUVATTUPUZHA





**DEPARTMENT OF BOTANY  
NIRMALA COLLEGE, MUVATTUPUZHA**

**Certificate**

This is to certify that ..... ASHLY M.A ..... has  
successfully completed Certificate Course of 30 hours in  
Mushroom Cultivation with .... A<sup>+</sup> ..... grade,  
organised by Department of Botany,  
Nirmala College, Muvattupuzha, during the academic year 2018-19

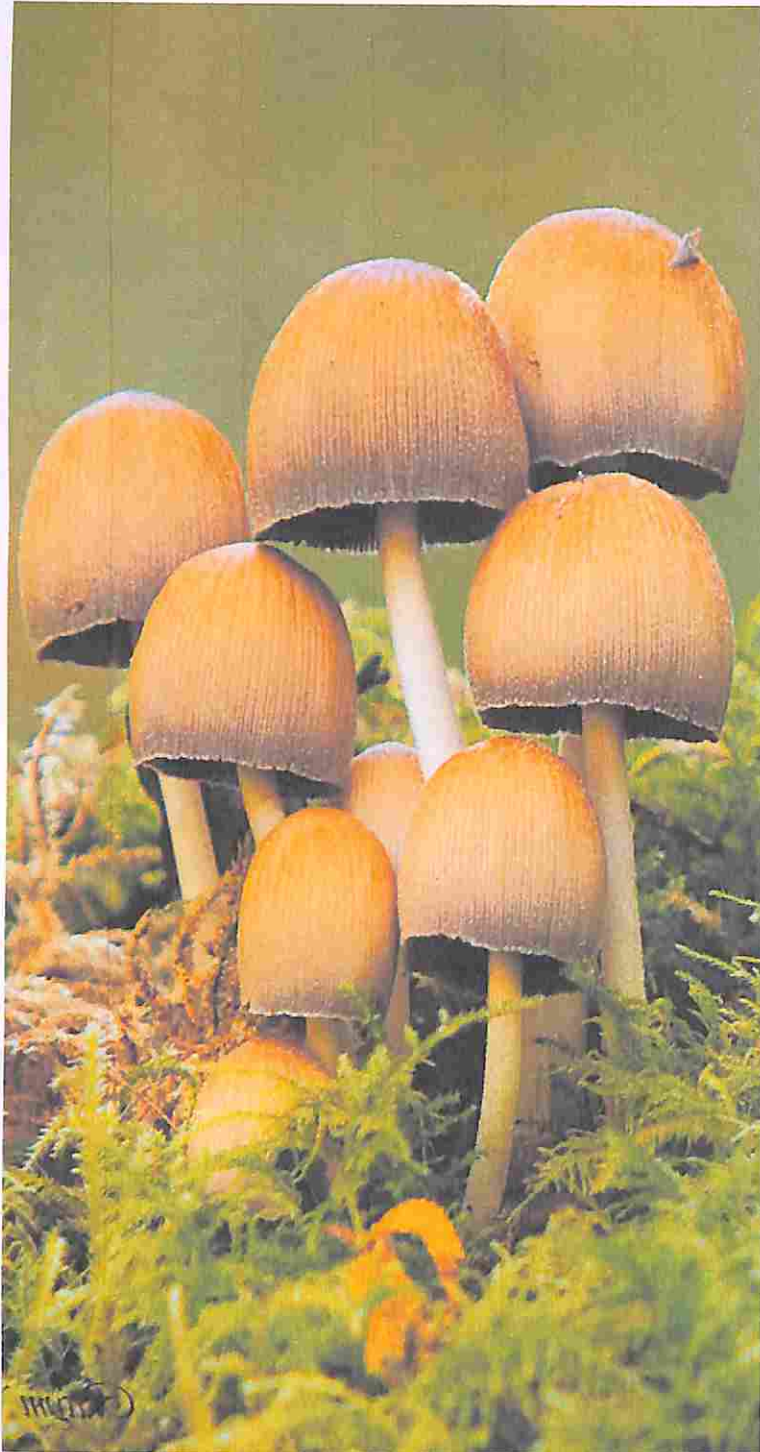
*Dr. Sr. Tessa Joseph*

Dr. Sr. Tessa Joseph  
Coordinator & HOD Of Botany

*Dr. T.M. Joseph*

Dr. T.M. Joseph  
Principal





**DEPARTMENT OF BOTANY  
NIRMALA COLLEGE, MUVATTUPUZHA**

**Certificate**

This is to certify that *Alphy Benny*..... has  
successfully completed Certificate Course of 30 hours in  
Mushroom Cultivation with *A<sup>+</sup>*..... grade,  
organised by Department of Botany,  
Nirmala College, Muvattupuzha, during the academic year 2015-16

*Dr. Sr. Tessa Joseph*

Dr. Sr. Tessa Joseph  
Coordinator & HOD Of Botany

*Rev. Dr. Vincent Joseph*

Rev. Dr. Vincent Joseph  
Principal







**DEPARTMENT OF BOTANY  
NIRMALA COLLEGE, MUVATTUPUZHA**

**Certificate**

This is to certify that ..... *Swathy Krishna* ..... has successfully completed  
Certificate Course of 30 hours in Mushroom Cultivation with ..... *A* ..... grade,  
organised by Department of Botany,  
Nirmala College, Muvattupuzha, during the academic year 2014-15

*Dr. Sr. Tessa Joseph*  
Dr. Sr. Tessa Joseph  
Coordinator

*Ancy P.S.*  
Prof. Ancy P.S.  
HOD of Botany

*Rev. Dr. Vincent Joseph*  
Rev. Dr. Vincent Joseph  
Principal





NIRMALA COLLEGE MUVATTUPUZHA  
DEPARTMENT OF BOTANY

CERTIFICATE COURSE

# MUSHROOM CULTIVATION

Staff Coordinator:

Dr.Sr. TESSY JOSEPH

ASSOCIATE PROFESSOR  
MOB:9496061404

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21 June 2014

Staff meeting - on 2-June-2014 at 2.15 p.m

Agenda: Planning for the next academic year.

Members participated: 1. Dr. Sr. Tessa J. 2. Luby Cyrai 3. Ms. Shubini Mohanan.

Decisions:

We decided to be very strict in maintaining discipline, keeping uniforms or modest dress with I.D Card and to ban mobile phones in campus.

Following Class teachership for three classes are given to following teachers

- I DC - Shubini Mohanan
- II DC - Sr. Tessa Joseph
- III DC - Luby Cyrai

We decided to maintain a special register of attendance for practicals. Ms Luby Cyrai was selected as project fund custodian. We planned a field visit for II DC students as part of their curriculum of 2nd semester. Visit to Chingele Kanu in Perumpavoor. Names of Coordinators for various activities of new academic year are given below.

- IQAC Coordinator - Dr. Sr. Tessa Joseph.
- Internal examination and CBES coordinator - Dr. Shubini Mohanan.
- Open course - Ansy Joseph P.S.
- Alumni Association - Sr. Tessa Joseph
- Association activities - Luby Cyrai
- Association Secretary - Ms. Mohsina Moosa
- Certificate Course - Sr. Tessa Joseph

Association Activities: Inauguration of association activities are planned to conduct by the end of July. We decided to conduct a interdepartmental painting competition in connection with environment week. One invited talk is planned by the first week of July. We also planned a medicinal plants exhibition.

As part of extension activities we decided to visit Agriculture office at Avoly. Classes for certificate course in mushroom cultivation to be organised in the third week of June.

Teacher in charge:

Luby Cyrai

Luby Cyrai  
2/6/14

ANSY P.S.  
Head of the Department of Botany  
Nirmala College, Muvattupuzha

