



**AMBIGA COLLEGE OF ARTS AND SCIENCE AFFILIATED TO
MADURI KAMRAJ UNIVERSITY, ANNA NAGAR ,**

MADURAI -625 020 , TAMIL NADU

**Key Indicator 3. 2.1- Resource Mobilization for Research (5)
Institution has created an ecosystem for innovations and has
initiatives for creation and transfer of knowledge**

S.No	Name of the Activity	Page No
1	Innovation Ecosytem	2-3
2	Content	4
3	Syllbus	5
4	Time table	6
5	Mushroom certificate	7
6	Cultivation of mushroom	8-10
7	Details of mushroom cultivation centre	11-28
8	Certificate course embroidery	29
9	Syllbus	30
10	Index	31
11	Centre for embroidery	29-37

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

Ambiga College of arts and science has initiated many establishments to reinforce innovation ecosystem in the college campus. Institution has created an Ecosystem for Innovations including Incubation Center and other initiatives for creation and transfer of knowledge. Mushroom cultivation centre and Centre for Embroidery have organized to provide the information on entrepreneurship to the students and these centres established to create the women entrepreneurship in our college students.

Mushroom cultivation centre


Mushroom cultivation centre has been established in the department of Microbiology to train the various processes of cultivation methods and Marketing the varieties of Mushroom to the student. Mushroom farming is a biotechnical intervention of various lignocellulosic agro-wastes into proteins. Its cultivation involves low-cost eco-friendly technology where in locally available farm wastes are utilized as raw materials. It provides plenty of opportunities for the students to understand the update of Mushroom industrial practices and promote their knowledge through industry related cultivation methods and to create a different product from dry mushroom. This centre gives to conduct a guest lecture about mushroom cultivation methods and applications.

Centre for Embroidery

Centre for Embroidery has been established in the department of Costume Designing and Fashion Technology for the students to give them an idea to manage and run their entrepreneurial venture. Embroidery centre to train the craft of decorating fabric or other materials using a needle to apply thread or yarn. In this centre to teach the embroidery works on coats, blankets, dress shirts, sarees. Some of the basic techniques or stitches of the earliest embroidery are chain stitch, buttonhole or blanket stitch, running stitch, satin stitch, cross stitch. Each stitch offers its own look and texture, while the stitches can even be combined to make a piece of custom embroidery that looks rich and detailed. Those stitches remain the fundamental techniques of hand embroidery today. Embroidery centre teach traditionally used to decorate clothing and household furnishings including table linens, tray cloths, towels and bedding. The center motivates students to design their works of Embroidery to the students.

These centres are important as it has the ability to improve standards of living and create wealth, not only for the entrepreneurs, but also for related businesses. Entrepreneurs also help drive change with innovation, where new and improved products enable new markets to be developed. Mushroom cultivation centre and centre for embroidery motivates students to incubate in the campus by contributing them guidance, services and consultancy in current developments technology. Incubation centres to reduce the unemployment problems and lack of proper utilization of human resources, the cell strives to identify talented youth and makes them involve with entrepreneurial work. The Innovation Ecosystem through breakthrough solutions and suggestion for solving critical problems, and motivating students to

become women entrepreneur and the capacity and willingness to develop, organize and manage a business venture along with any of its risks in order to make a profit.


Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai, Tamil Nadu

CONTENT

S. NO	CONTENT	PAGE NO
1	SYLLABUS	5
2	TIME TABLE	7
3	INTRODUCTION	8
4	OBJECTIVE	19
5	REVIEW OF LITERATURE	20
6	METHODOLOGY	26
7	RESULT & DISCUSSION	46
8	SUMMARY	49
9	REFERENCE	50



Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020

AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN

(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY)

ANNA NAGAR, MADURAI – 20.

III B.SC MICROBIOLOGY

SYLLABUS – MUSHROOM CULTIVATION

UNIT-I

History of edible Mushrooms .

UNIT-II

Major genera of edible Mushrooms.

UNIT-III

Structure and key for identification.

UNIT-IV

Food values of mushroom- Medicinal values of mushrooms.

UNIT-V

Methods of cultivation of mushrooms.

Substrate for mushroom production.



Ambiga College of Arts and Science For Women.
Anna Nagar, Madurai-625 020

AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN

(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY)

ANNA NAGAR, MADURAI - 20.

III B.SC MICROBIOLOGY

CULTIVATION OF MUSHROOM

TIME TABLE

DAY	TIME SCHEDULE
MONDAY	2.45 - 4.45 PM
TUESDAY	↔
WEDNESDAY	↔
THURSDAY	2.45 - 4.45 PM
FRIDAY	↔



Principal -
Ambiga College of Arts and Science For Women,
Anna Nagar, Madurai-625 020



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN

(Affiliated to Madurai Kamaraj University)

(Estd. Under S. Solamalai Thevar - Pappathi Ammal Educational Trust)

ANNA NAGAR, MADURAI - 625 020.

CERTIFICATE FOR MUSHROOM CULTIVATION

This is to certify that..... **K. ISWARYA**.....

III **B.Sc. MICROBIOLOGY**..... **CULTIVATED MUSHROOM** in the

Department of Microbiology of our College during the Academic year 2018 - 2019

S. Kanahambal
Correspondent

[Signature]
Director

[Signature]
Principal

R. Vidhya
Project Incharge

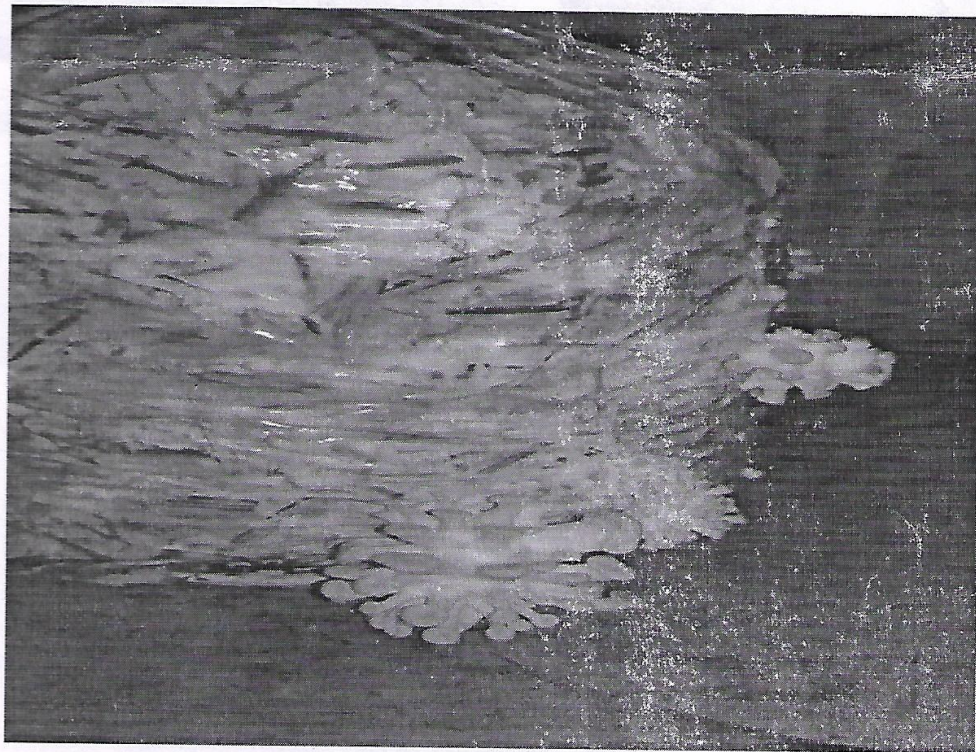
CULTIVATION OF MUSHROOM



[Handwritten signature]

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020

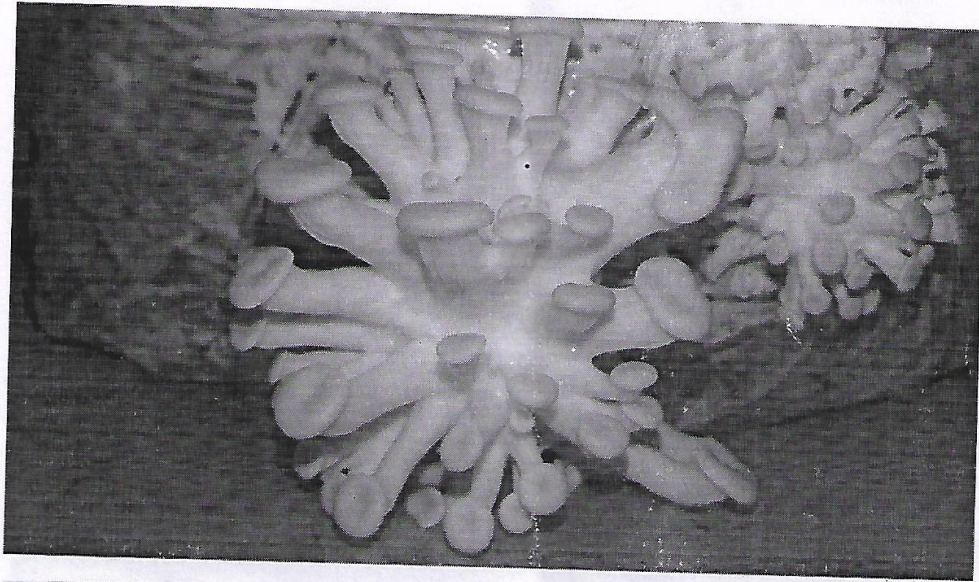
PINHEAD FORMATION OF MUSHROOM



M. K.

Principal
Ambiga College of Arts and Science For W
Anna Nagar, Madurai-625 020

HARVESTING STAGE OF MUSHROOM



[Handwritten signature]

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN

ANNA NAGAR, MADURAI - 20.

DEPARTMENT OF MICROBIOLOGY

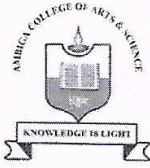
3.2. Innovation ecosystem

3.2.1. Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

ADDITIONAL INFORMATION

1. Details of Mushroom cultivation centre

2. Details of centre for Embroidery



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN

(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY)

ANNA NAGAR, MADURAI-625 020, TAMIL NADU.

www.ambigacollege.com

Submitted to the principal

Through the HOD/ MICROBIOLOGY

Respected Madam,

Sub: Request for permission to organize a Mushroom cultivation centre – Reg.

We have planned to organize a “Mushroom Cultivation Centre” in department of Microbiology on 08.10.2016 in our College premises. Kindly permit us to conduct the same.

PROGRAMME

COORDINATOR

HOD/MICROBIOLOGY

PRINCIPAL

Principal
Ambiga College of Arts and Science For Wo
Anna Nagar, Madurai-625 020



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN

(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY)

ANNA NAGAR, MADURAI-625 020, TAMIL NADU.

www.ambigacollege.com

Submitted to the principal

Through the HOD/ MICROBIOLOGY

Respected Madam,

Sub: Request for permission to Conduct Certificate Course for Student- Reg

We have planned to conduct a "Certificate Course in Mushroom Cultivation" to students from the upcoming year in our College premises. Kindly permit us to conduct the same.


PROGRAMME

COORDINATOR


HOD/MICROBIOLOGY


PRINCIPAL

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN

(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY)

ANNA NAGAR, MADURAI-625 020, TAMIL NADU.

www.ambigacollege.com

CIRCULAR


Academic Year :2016-2017

This is to inform that the Department of Microbiology is conducting training Programme on Certificate Course in Mushroom Cultivation. Certificate Course will be conducted for final year students in our college campus during odd semester 2016-2017.

The details of the Programme are given below.

COURSE DETAILS

COURSE NAME : CERTIFICATE COURSE IN MUSHROOM CULTIVATION
RESOURCE PERSON : DR.M.UMA / ASSISTANT PROFESSOR
VENUE : ROOM NO: 03
DATE : 12.12.2016


PROGRAM
COORDINATOR


HOD/MICROBIOLOGY


PRINCIPAL

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN

ANNA NAGAR, MADURAI - 20.

Name list (2016-2017)

PROGRAMME : Certificate course in mushroom cultivation

DATE:12.12.2016

S.NO.	REGISTER NO.	STUDENT 'S NAME	SIGNATURE
1.	B4S19601	S.AKILA	S. Akila
2.	B4S19602	R.AMIRTHESWARI	R. Amirtheswari
3.	B4S19603	S.AMUDHAVALLI	S. Amudhavalli
4.	B4S19604	M.ANITHA	M. Anitha
5.	B4S19605	K.K.CHITHRA	K.K. Chithra
6.	B4S19606	S.DEVAKI	S. Devaki
7.	B4S19607	A.DHARANI	A. Dharani
8.	B4S19608	K.DHARANI	K. Dharani
9.	B4S19609	J.DHIVYA	J. Dhivya
10.	B4S19610	P.DIVYA DURGA	P. Divya Durga
11.	B4S19611	S.GAYATHRI	S. Gayathri
12.	B4S19612	T.R.INDIRANI	T.R. Indirani
13.	B4S19613	R.JAKUBAR NISHA	R. Jakubar Nisha
14.	B4S19615	P.KAVITHA	P. Kavitha
15.	B4S19616	A.KAYALVIZHI	A. Kayalvizhi
16.	B4S19617	G.KOWSALYA	G. Kowsalya
17.	B4S19618	J.KOWSALYA	J. Kowsalya
18.	B4S19619	P.KOWSALYA	P. Kowsalya
19.	B4S19620	P.LAKSHMI	P. Lakshmi
20.	B4S19621	A.LAVANYA	A. Lavanya
21.	B4S19622	G.LAVANYA	G. Lavanya
22.	B4S19623	B.MAHA LAKSHMI	B. Maha Lakshmi
23.	B4S19624	R.MALARVIZHI	R. Malarvizhi
24.	B4S19625	K.MANJU	K. Manju
25.	B4S19626	C.MAREESWARI	C. Mareeswari
26.	B4S19627	C.MARUTHAMMAL	C. Maruthammal

27.	B4S19628	M.MUTHU LAKSHMI	M. Muthulakshmi
28.	B4S19629	M.MUTHUMARI	M. Muthumari
29.	B4S19630	B.NAGASHANTHI	B. Nagashanthi
30.	B4S19631	M.NASEERA PARVEEN	N. Naseera Parveen
31.	B4S19632	K.NIVETHA	K. Nivetha
32.	B4S19634	M.PRIYANKA	M. Priyanka
33.	B4S19635	M.RAJAVALLI	M. Rajavalli
34.	B4S19636	S.SANGEETHA	S. Sangeetha
35.	B4S19637	A.SANGEETHA PRIYA	A. Sangeetha Priya
36.	B4S19638	J.SARANYA	J. Saranya
37.	B4S19640	N.SONIYA	N. Soniya
38.	B4S19641	R.SUGA PRIYA(21.01.1997)	R. Suga Priya
39.	B4S19642	R.SUGA PRIYA(21.03.1997)	R. Suga Priya
40.	B4S19643	V.VANMATHINATCHIYAR	V. Vanmathinatchiyar
41.	B4S19644	S.VEERA LAKSHMI	S. Veera Lakshmi
42.	B4S19645	B.VIJAYA LAKSHMI	B. Vijaya Lakshmi
43.	B4S19646	R.VINITHA	R. Vinitha
44.	B4S19647	R.VITHYA	R. Vithya

R. N. N. N.
HOD/MICROBIOLOGY

M. L. L.
PRINCIPAL

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Chennai



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN

(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY)

ANNA NAGAR, MADURAI-625 020, TAMIL NADU.

www.ambigacollege.com

CIRCULAR

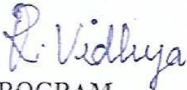
Academic Year : 2017 - 2018

This is to inform that the Department of Microbiology is conducting training Programme on Certificate Course in Mushroom Cultivation. Certificate Course will be conducted for students in our college campus during odd semester 2017 - 2018.

The details of the Programme are given below.

COURSE DETAILS

COURSE NAME : CERTIFICATE COURSE IN MUSHROOM CULTIVATION
RESOURCE PERSON : MS.R.VIDHYA / ASSISTANT PROFESSOR
VENUE : ROOM NO: 03
DATE : 07.12.2017


PROGRAM
COORDINATOR


HOD/MICROBIOLOGY


PRINCIPAL


Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN

ANNA NAGAR, MADURAI - 20.

Name list (2017- 2018)

PROGRAMME : Certificate course in mushroom cultivation

DATE:07.12.2017

S.NO.	REGISTER NO.	STUDENT 'S NAME	SIGNATURE
1.	B5S20451	M.ABINAYA	M. Abinaya
2.	B5S20452	K.AKILA	K.Akila
3.	B5S20453	A.BANUPRIYA	A. Banupriya
4.	B5S20454	G.DEIVA	G. deiva
5.	B5S20455	S.GOMATHI	S. Gomathi
6.	B5S20456	K.HINDHUJA	K. Hindhuya
7.	B5S20457	S.ISHWARYA	S. Ishwarya
8.	B5S20458	N.JEYANTHI	N. Jeyanthi
9.	B5S20460	M.KALEESWARI	M. Kaleswari
10.	B5S20461	A.KARTHIKA	A. Karthiga
11.	B5S20462	V.KASTHURI	V. Kasthuri
12.	B5S20463	G.KEERTHANA	G. Keerthana
13.	B5S20464	K.KOKILA	K. Kokila
14.	B5S20465	K.MAHESWARI	K. Maheswari
15.	B5S20466	K.MALINI	K. Malini
16.	B5S20467	K.MOHANA	K. Mohana
17.	B5S20468	C.MUTHULAKSHMI	C. Muthulakshmi
18.	B5S20469	S.NAMBU UTHIRA VALLI	S. Nambuthiravalli
19.	B5S20470	V.PRIYA	V. Priya
20.	B5S20471	P.PRIYADHARSHINI	P. Priyadharsini
21.	B5S20472	A.PRIYANKA	A. Priyanka
22.	B5S20473	H.PRIYANKA	H. Priyanka
23.	B5S20474	S.RAJA LAKSHMI	S. Raja Lakshmi
24.	B5S20475	K.RAMYA	K. Ramya
25.	B5S20476	A.REKHA	A. Rekha

26.	B5S20477	S.SARUTHI	S. Saruthi
27.	B5S20478	P.SASI PRIYA	P. Sasi Priya
28.	B5S20479	K.SASI PRIYA	K. Sasi Priya
29.	B5S20480	M.SATHYA	M. Sathya
30.	B5S20481	A.SINDUJA	A. Sinduja
31.	B5S20482	A.SOBITH BENSA	A. Sobith Bensa
32.	B5S20483	S.SUMATHI	S. Sumathi
33.	B5S20484	G.M.VAISHNAVI	G.M. Vaishnavi

P. Prasanna
HOD/MICROBIOLOGY


PRINCIPAL

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN

(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY)

ANNA NAGAR, MADURAI-625 020, TAMIL NADU.

www.ambigacollege.com

CIRCULAR

Academic Year : 2018 - 2019

This is to inform that the Department of Microbiology is conducting training Programme on Certificate Course in Mushroom Cultivation. Certificate Course will be conducted for students in our college campus during odd semester 2018 - 2019.

The details of the Programme are given below.

COURSE DETAILS

COURSE NAME : CERTIFICATE COURSE IN MUSHROOM CULTIVATION
RESOURCE PERSON : MS.R.VIDHYA / ASSISTANT PROFESSOR
VENUE : ROOM NO: 03
DATE : 17.12.2018

S. Vidhya
PROGRAM
COORDINATOR

P. Prasanna
HOD/MICROBIOLOGY

[Signature]
PRINCIPAL

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN

ANNA NAGAR, MADURAI - 20.

Name list (2018- 2019)

PROGRAMME : Certificate course in mushroom cultivation

DATE:17.12.2018

S.NO.	REGISTER NO.	STUDENT 'S NAME	SIGNATURE
1.	B6S20551	A.AANS	A. AANS
2.	B6S20552	K.ABINAYA	K. Abinaya
3.	B6S20553	S.AFROSE BANU	S. Afrose banu
4.	B6S20554	P.ANITHA	P. Anitha
5.	B6S20555	I.ANNAKAMU RAJATHI	I. Annakamu Rajathi
6.	B6S20556	M.ARUNA	M. Aruna
7.	B6S20557	U.ASHIYATHU NABILA	U. Ashiyathu Nabila
8.	B6S20558	J.BAKYA LAKSHMI	J. Bakya lakshmi
9.	B6S20559	M.BHAVANI	M. Bhavani
10.	B6S20560	R.DEEPA	R. Deepa
11.	B6S20561	M.DEEPA GAYATHRI	M. Deepa Gayathri
12.	B6S20562	R.DURGA DEVI	R. Durga devi
13.	B6S20563	A.FATHIMA SAFRIN	A. Fathima safrin
14.	B6S20564	R.GAYATHRI	R. Gayathri
15.	B6S20565	M.ISHWARYA	M. Ishwarya
16.	B6S20566	S.ISHWARYA	S. Ishwarya
17.	B6S20567	K.ISWARYA	K. Ishwarya
18.	B6S20568	R.ISHWARYA LAKSHMI	R. Ishwarya lakshmi
19.	B6S20569	S.JANNATHUL BIRTHOUS	S. Jannathul b'irthous
20.	B6S20570	P.JANSI	P. jansi
21.	B6S20571	R.KAVITHA	R. kavitha
22.	B6S20572	M.MAHESWARI	M. Maheswari
23.	B6S20573	A.MEENA SOWNDHARYA	A. Meena sowndharya
24.	B6S20574	G.MOHANA PRIYA	G. Mohana priya

HERRING BONE



EYEEIET

[Handwritten signature]

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai

Correspondent

25.	B6S20576	J.NANCY JENIFER	J. Nancy Jenifer
26.	B6S20578	B.PAVITHRA	B. Pavithra
27.	B6S20579	K.PAVITHRA	K. Pavithra
28.	B6S20580	M.RADHA	M. Radha
29.	B6S20581	B.RAJA PRITHIKA	B. Raja Prithika
30.	B6S20582	D.RAJA LAKSHMI	D. Raja Lakshmi
31.	B6S20583	M.RAJA LAKSHMI	M. Raja Lakshmi
32.	B6S20586	N.ROFINA BARVEEN	N. Rojina barveen
33.	B6S20587	S.SERMATHI	S. Sermathi
34.	B6S20588	P.SIVASANKARI	P. Sivasankari
35.	B6S20590	S.SUBHASHINI	S. Subhashini
36.	B6S20591	S.VALARMATHI	S. Valarmathi

P. Prasanna
HOD/MICROBIOLOGY

[Signature]
PRINCIPAL

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020

AMBIGA COLLEGE OF ARTS & SCIENCE FOR WOMEN

ANNA NAGAR, MADURAI-20

DEPARTMENT OF B.Sc (MICRO BIOLOGY)

REQUISITION LETTER

DATE: 14.09.2018

We feel happy and are proud of inviting you to be the Chief Guest for the Guest Lecture program, on the topic 'MUSHROOM CULTIVATION' to be held on the 19.09.2018 at 11 A.M.

P. Prasanna
HOD

M. S. S.
PRINCIPAL 19.9.18

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020

5

AMBIGA COLLEGE OF ARTS & SCIENCE FOR WOMEN

ANNA NAGAR, MADURAI-20

CIRCULAR TO STUDENTS

DATE: 18.09.2018

All the Students of B.Sc (Micro) are informed that we are going to conduct a Guest Lecture on the topic 'MUSHROOM CULTIVATION' in Room No: 18 at 11 A.M. All are requested to attend the program without fail.

P. Prasanna
HOD

M. N.
PRINCIPAL 18.9.18

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-20

Association Meeting
DEPARTMENT OF MICROBIOLOGY

Report on Guest Lecture '**MUSHROOM CULTIVATION**'


Dept of B.sc (Microbiology) has organized a Guest Lecture program on the topic '**MUSHROOM CULTIVATION**' on 19.09.2018 at 11 A.M.

The students of I B.Sc (Micro) MISS.E.Shithi sumaiya welcome the chief Guest and the gathering as a whole.

Our Chief Guest delivered an excellent speech regarding '**MUSHROOM CULTIVATION**' and also discussed about methods and stages of growing Mushroom by means of videos (a copy of it separately enclosed)

The session was concluded by the student of Miss.K.S.Ayisha kani
I B.Sc (Micro) Proposed with vote of thanks.



 **Principal**
Ambiga College of Arts and Science For Women
Anna Nagar

AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN
ANNANAGAR, MADURAI -20.
DEPARTMENT OF MICROBIOLOGY

GUEST LECTURE

SPEAKERS : DR. P. THIRUMALAI VASAN M.SC., PH.D
PROFESSION : Assistant Professor And Head,
Department of Biotechnology,
Srimad Andavar Arts And Science college,
Tiruchirappalli.
TOPIC : Mushroom Cultivation
ORGANIZED BY : Department Of Microbiology
PARTICIPANTS : B.SC. Microbiology Students
VENUE : Room No: 18
DATE : 19.09.2018
TIME : 11:00 A.M. TO 12:30 P.M.


PRINCIPAL

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020
9

AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN, MADURAI .

DEPARTMENT OF MICROBIOLOGY

ASSOCIATION MEETING - AMAC

DATE: 19.09.2018 DAY : WEDNESDAY,

TIME : 11:00 A.M. – 12:30 P.M.

GUEST LECTURE : Dr. P.THIRUMALAIVASAN M.SC., PH.D

ASSISTANT PROFESSOR AND HEAD,

DEPARTMENT OF BIOTECHNOLOGY,

SRIMAD ANDAVAN ARTS AND SCIENCE COLLEGE,

TRICHY.

TOPIC: "MUSHROOM CULTIVATION"

Introduction :

Mushroom cultivation is a technical process. A mushroom farming business can be mean big profits in just a few weeks. Starting own business growing oyster mushrooms for profit is fairly easy.

Cultivation Methods:

- Grow Oyster Mushroom at home : Show videos
- Indian village weather mushroom cultivation
- Mushroom cultivation in TamilNadu
- Oyster mushroom cultivation and Training :

Stages of Growing Mushroom: Show videos

1. Substrate selection and Preparation : Paddy straw, Wheat straw, Sugarcane Straw
 2. Types of Pasteurization :
 - a) Steam Pasteurization - Pressure 15psi , Temperature-120°C , Time – 1 hour
 - b) Hot water Pasteurization - Temperature-120°C , Time – 45 minutes
 - c) Chemical Pasterization -200 ltrs capacity plastic barrels, 100 ltrs water , 10 gms Bavistin , 250 ml Formalin
 3. Substrate Drying
 4. Bag filling and Spawning
 5. Spawn running (or) Dark room stage
 6. Cropping
 7. Harvesting
 8. Sales
- Shed, Infrastructure and preparation for Oyster mushroom cultivation
 - **Types of Mushrooms :**
 1. Button Mushroom
 2. Milky mushroom
 3. Oyster mushroom
 4. Paddy mushroom
 5. Reishi mushroom
 - White oyster mushroom production and processing : Show Videos

AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN, MADURAI .

DEPARTMENT OF MICROBIOLOGY

ASSOCIATION MEETING - AMAC

DATE: 19.09.2018 DAY : WEDNESDAY,

TIME : 11:00 A.M. – 12:30 P.M.

GUEST LECTURE : Dr. P. THIRUMALAIVASAN M.SC., PH.D

ASSISTANT PROFESSOR AND HEAD,

DEPARTMENT OF BIOTECHNOLOGY,

SRIMAD ANDAVAN ARTS AND SCIENCE COLLEGE,

TRICHY.

TOPIC: "MUSHROOM CULTIVATION"

Introduction :

Mushroom cultivation is a technical process. A mushroom farming business can mean big profits in just a few weeks. Starting own business growing oyster mushrooms for profit is fairly easy.

Cultivation Methods:

- Grow Oyster Mushroom at home : Show videos
- Indian village weather mushroom cultivation
- Mushroom cultivation in TamilNadu
- Oyster mushroom cultivation and Training :

Stages of Growing Mushroom: Show videos

1. Substrate selection and Preparation : Paddy straw, Wheat straw, Sugarcane Straw

2.Types of Pasteurization :

- a) Stream Pasteurization - Pressure 15psi , Temperature-120°C , Time – 1 hour
- b) Hot water Pasteurization - Temperature-120°C , Time – 45 minutes
- c) Chemical Pasterization -200 ltrs capacity plastic barrels, 100 ltrs water , 10 gms Bavistin , 250 ml Formalin

3. Substrate Drying 4. Bag filling and Spawning 5. Spawn running (or) Dark room stage
6. Cropping 7. Harvesting 8. Sales

- Shed, Infrastructure and preparation for Oyster mushroom cultivation

• Types of Mushrooms :

- 1. Button Mushroom 2. Milky mushroom 3. Oyster mushroom
- 4. Paddy mushroom 5. Reishi mushroom

- White oyster mushroom production and processing : Show Videos

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020



11



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN

(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY)

ANNA NAGAR, MADURAI-625 020, TAMIL NADU.

www.ambigacollege.com

DEPARTMENT OF COSTUME DESIGNING AND FASHION TECHNOLOGY

2019-2020

CERTIFICATE COURSE IN EMBROIDERY

S.NO	DAY	TIMING 3.00pm to 4.00pm
1	TUESDAY	B.SC COSTUME DESIGNING & FASHION TECHNOLOGY
2	FRIDAY	


HOD/F.TECH


PRINCIPAL

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN
(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY)
ANNA NAGAR, MADURAI-625 020, TAMIL NADU.

www.ambigacollege.com

DEPARTMENT OF COSTUME DESIGNING AND FASHION TECHNOLOGY

SYLLABUS

EMBROIDERY

Unit: 1

Introduction to Hand Embroidery- Transferring design- Color selection- Embroidery tools used.

Unit: 2

Running stitch working procedure- Back stitch working procedure- Satin stitch working procedure-

Unit: 3

Lazy Daisy stitching procedure-Herringbone stitching procedure- Feather stitching procedure.

Unit: 4

Bullion knot stitching procedure- Eye let stitching procedure- Seed stitching procedure.

Unit: 5

Chevron stitching procedure- Sheaf stitching procedure-Couching stitching procedure.

HOD/F.TECH

PRINCIPAL

Principal
Ambiga College of Arts and Science For
Anna Nagar, Madurai-625 020



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN
(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY)
ANNA NAGAR, MADURAI-625 020, TAMIL NADU.

www.ambigacollege.com

DEPARTMENT OF COSTUME DESIGNING AND FASHION TECHNOLOGY

INDEX

S.NO	PARTICULARS	PAGE NO
1	PERMISSION LETTER.	1
2	CIRCULAR TO STUDENTS	2
3	SYLLABUS	3
4	TIME TABLE, COURSE CONTENT	4-6
5	EVALUATION,SUMMARY REPORT	7-10
6	PHOTOS, CERTIFICATE OF THE PROGRAME	11-18

HOD/F.TECH

PRINCIPAL

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN

(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY)

ANNA NAGAR, MADURAI-625 020, TAMIL NADU.

www.ambigacollege.com

Submitted to the principal

Through the HOD/ Costume Designing and Fashion Technology

Respected Madam,

Sub: Request for permission to organize a Centre for Embroidery – Reg.

We have planned to organize a “Centre for Embroidery” in department of of Costume Designing and Fashion Technology on 22.06.2018 in our College premises. Kindly permit us to conduct the same.

PROGRAMME

COORDINATOR

HOD/Fashion Technology

PRINCIPAL

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020



**AMBIGA COLLEGE OF ARTS AND SCIENCE FOR
WOMEN**

(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY)

ANNA NAGAR, MADURAI-625 020, TAMIL NADU.

www.ambigacollege.com

CIRCULAR TO STUDENTS

DATE:2.7.2018

The students of UG I years are informed to attend on the "Embroidery course" programme on Ambiga college (4.7.2018). All are requested to attend the program without fail.

HOD / F.TECH

PRINCIPAL

**Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020**



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN

(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY)

ANNA NAGAR, MADURAI-625 020, TAMIL NADU.

www.ambigacollege.com

To

The Principal

Ambiga College of Arts and Science for Women,

Anna Nagar

Madurai.

Respected Madam,

Sub: Request for permission to Conduct Embroidery course –Reg.

We have planned to conduct– Embroidery Course Programme in Ambiga College. I Kindly request you to give permission to the below student to take part in the activity for one day 4.7.2018.

PRINCIPAL

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN

(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY)

ANNA NAGAR, MADURAI-625 020, TAMIL NADU.

www.ambigacollege.com

Department of COSTUME DESIGNING AND FASHION TECHNOLOGY has organized "EMBROIDERY COURSE" on 4.7.2018

Resource Person

K.RAMYA

Assistant Professor,

Department of FASHION TECHNOLOGY,
Ambiga College of Arts and Science for Women,
Madurai.

No. of Participants : 16

Venue : Anna Nagar

Date of the Event : 4.7.2018

Purpose : This programme give the awareness about self employment to the Students.

HOD/F.TECH

PRINCIPAL


Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020



AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN
ANNA NAGAR, MADURAI - 20.

PROGRAMME :Embroidery course Date:4.7.2018

S.NO	NAME	SIGNATURE
1.	K.AARTHI	K. Aarthi
2.	K.ARUNA DEVI	K. Aruna devi
3.	S.DEEPIKA	S. Deepika
4.	DEEPIKA RAVI	Deepika Ravi
5.	P.DHANA LAKSHMI	Dhana Lakshmi
6.	K.ESWARI	K. eswari
7.	M.IRFANA PARVIN	M. Irfana parvin
8.	T.KAMALI	T. Kamali
9.	L.LAVANYA	L. Lavanya
10.	P.NIVETHA DHARSINI	P. Nivetha Dharsini
11.	R.SAKTHI MONISHA	R. Sakthi monisha
12.	G.SOWMIYA	G. Sowmiya
13.	S.VALLI	S. valli
14.	B.NAGAVENI	Naga veni
15.	S.RAEYANA	S. Raeyana
16.	M.RUMANA	M. Rumana


HOD / F. TECH


PRINCIPAL

Principal
Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020