

Course Name: Medicinal plants for human welfare
Course Name: Biological Entrepreneurship

PG and Research Department of Botany
Nallamuthu Gounder Mahalingam College, Pollachi

***Value added course - Biological entrepreneurship/ Medicinal plants
for human welfare***

Course Objectives

- To teach the students knowledge and skills, which allow them to establish a mushroom cultivation enterprise
- To facilitate the students about the production of Biofertilizers
- To impart hands on training on cultivation, propagation and maintenance of *Azolla*
- To equip the students as a biological entrepreneurs
- To improve the professional competencies and upgrade the knowledge

Training Activities

- Providing cultivation practice for oyster mushrooms
- Hands on training in Biofertilizer production
- Training for *Azolla* cultivation technique, maintenance, harvesting and marketing

Course Highlights

- Morphology, types, nutritive and medicinal values and methods of mushroom cultivation
- Packaging, storage and shelf life of mushroom
- Introduction to Biofertilizers: Necessity, Scope and Benefits
- Types of biofertilizer inoculants: Isolation and cultivation
- Familiarity with culturing techniques and handling of biofertilizer microbes
- Biofertilizer Production: Media preparation, sterilization, microbial propagation, large-scale production, fermentation, formulation
- Biofertilizer field application strategies
- Commercial production of *Azolla* and its applications

Job Prospects

The main opportunities are in agriculture sector based industry / agriculture as research analyst, consultant, quality control laboratories and bio-entrepreneur.

Certificate course in Biological entrepreneurship/ Medicinal plants for human welfare

Intake capacity	: 20 seats
Learning mode	: Full time
Course duration	: Six months (July and January session)
Medium	: English
Eligibility	: All post graduates
Venue	: PG Botany Research lab
For Details Contact	: Dr. R. Rakkimuthu, Assistant Professor and Head, PG and Research

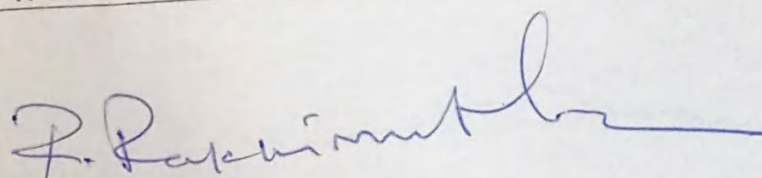
Department of Botany

Mobile Number : 9787196819, 8825830890

E-mail : biorakki@gmail.com

Annexure 1
List of students joined in VAC

S.No	Register No.	Name of the student	Name of the department	Whether Fees paid Yes/No
1	20-PI-01	A. ARUNPRAKASH	M.Com IB	Yes
2	20-PI-03	B. GOKULBHARATHI	M.Com IB	Yes
3	20-PI-10	R. MOHANKUMAR	M.Com IB	Yes
4	20-PI-11	M. MOHAN PRABHU	M.Com IB	Yes
5	20-PI-12	M. MOHANPRASAD	M.Com IB	Yes
6	20-PI-13	K. NITESHPRABHU	M.Com IB	Yes
7	20-PI-14	S. PONGOBINATH	M.Com IB	Yes
8	20-PI-15	K. PONRAJ	M.Com IB	Yes
9	20-PI-16	S. RAJKUMAR	M.Com IB	Yes
10	20-PI-18	P. SATHRUKANA	M.Com IB	Yes
11	20-PI-19	K. SIVASUBRAMANI	M.Com IB	Yes
12	20-PI-20	E. SUGAMANGURU	M.Com IB	Yes
13	20-PI-23	K. R. VITHYA SEKAR	M.Com IB	Yes
14	20-PI-27	D. PAVITHRA	M.Com IB	Yes
15	20-PI-30	S. SOWMIYA	M.Com IB	Yes
16	20-MB-01	LIJO LOUIS T.	M.Sc., Botany	Yes
17	20-MB-02	NIPUN GOVIND T.	M.Sc., Botany	Yes
18	20-MB-03	RAHUL M.R.	M.Sc., Botany	Yes
19	20-MB-10	FEMI BENNY	M.Sc., Botany	Yes
20	20-MB-18	NITHYA S.	M.Sc., Botany	No
21	20-MB-20	RUGMA C.M.	M.Sc., Botany	Yes
22	20-MB-21	SILPA DAS S.	M.Sc., Botany	Yes
23	19-MB-01	SARATH. R	M.Sc., Botany	Yes
24	19-MB-02	SHAESASALAM.K	M.Sc., Botany	Yes
25	19-MB-03	SIVAPRAKASH.P	M.Sc., Botany	Yes
26	19-MB-04	VENU GOPAL.N	M.Sc., Botany	Yes
27	19-MB-05	AISWARYA. M.V	M.Sc., Botany	Yes
28	19-MB-06	ANUSHA JOBY	M.Sc., Botany	Yes
29	19-MB-07	ARCHANA.R	M.Sc., Botany	Yes
30	19-MB-08	DIVYA.A	M.Sc., Botany	Yes
31	19-MB-10	KARPAGAM.S	M.Sc., Botany	Yes
32	19-MB-11	KRISHNAPRIYA. K	M.Sc., Botany	Yes
33	19-MB-12	KRISHNASREYA.M	M.Sc., Botany	Yes
34	19-MB-13	MAHALAKSHMI.B	M.Sc., Botany	Yes
35	19-MB-14	NAYANA.K.G	M.Sc., Botany	Yes
36	19-MB-15	NISHA.K.K	M.Sc., Botany	Yes
37	19-MB-16	POONGODI.T	M.Sc., Botany	Yes
38	19-MB-17	PRANIHA.P	M.Sc., Botany	Yes
39	19-MB-18	SAJITHA.A	M.Sc., Botany	Yes
40	19-MB-19	SANGAVI.R	M.Sc., Botany	Yes
41	19-MB-20	SHEREENA. C.S	M.Sc., Botany	Yes
42	19-MB-21	SNEHA.S	M.Sc., Botany	Yes
43	19-MB-22	VARSHINI.S	M.Sc., Botany	Yes





**NALLAMUTHU GOUNDER MAHALINGAM COLLEGE
(AUTONOMOUS)**

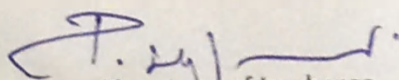
Re-Accredited by NAAC and ISO 9001:2015 Certified Institution
Affiliated to Bharathiar University, Pollachi – 642001; Coimbatore (Dt)



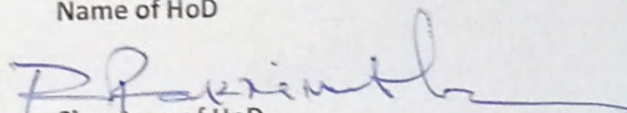
Annexure 3
(To be submitted after completion of the VAC)
Value Added Course details

S.No	Details	
1	Name of the Department	PG and Research Department of Botany
2	Name of the HoD	Dr. R. Rakkimuthu
3	Titles of VAC Conducted .	Biological entrepreneurship
4	Total No.of students enrolled.	43
5	Total No.of students paid their fees. (List and copy of the evidence for Fees paid to the office)	42
6	No.of students Passed	32
7	Number of sections:	1
8	Name of Faculty involved in VAC	Dr. R. Rakkimuthu Dr. P. Sathishkumar Dr. A.M. Ananda Kumar Mrs. D. Sowmiya
9	Number of hours taken:	30 hrs
10	Attendance- details (Enclose attendance with dates and time)	Annexure -1
11	Whether course materials given to students : yes/no If yes enclose the hard and soft copy. If.No give the reason.	Yes
12	No.of assignments given: (Enclose Marksheet)	One Annexure -1
13	Number of tests conducted (Enclose Mark sheet)	One Annexure -2
14	Final Exam Conducted Yes/No (Enclose Mark sheet)	Yes Annexure -3
	Have you got Feed back from studnets on VAC conducted Yes/No	Yes

Dr. P. SATHISHKUMAR
Name of In-charge


Signature of In-charge

Dr. R. RAKKIMUTHU
Name of HoD


Signature of HoD

Dr. R. Rakkimuthu, M.Sc., Ph.D.,
Assistant Professor and Head,
PG & Research Dept. of Botany,
N.G.M. College (Autonomous)
Pollachi - 642 001.

Annexure 2

Time table

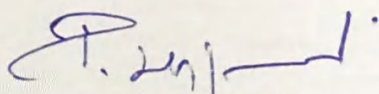
Name of the Department : PG and Research Department of Botany

Name of the Course : Biological entrepreneurship

Name of in-charge : Dr. P. Sathishkumar

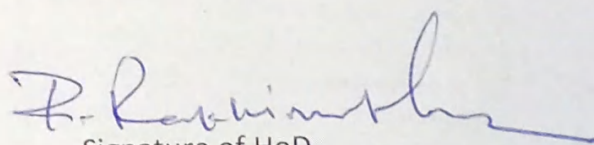
Section : A

Day order	Time	Any other Details
I	4.00 pm - 5.00 pm	Offline / Online
IV	4.00 pm - 5.00 pm	Offline / Online
V	4.00 pm - 5.00 pm	Offline / Online
VI	4.00 pm - 5.00 pm	Offline / Online
Saturday	9.00 am - 10.00 am	Offline / Online
	4.00 pm - 5.00 pm	



Signature of In-charge

Dr. P.SATHISHKUMAR, M.Sc., M.Phil., Ph.D.,
Assistant Professor
PG & Research Dept. of Botany
N.G.M. College (Autonomous)
Pollachi - 642 001,



Signature of HoD

Dr. R. Rakkimuthu, M.Sc., Ph.D.,
Assistant Professor and Head,
PG & Research Dept. of Botany,
N G M. College (Autonomous)
Pollachi - 642 001.

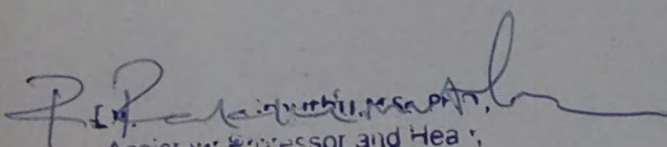
**NALLAMUTHU GOUNDER MAHALINGAM COLLEGE
(AUTONOMOUS)**

Value Added Course

Name of the Department : PG and Research Department of Botany
Name of the Course : Biological entrepreneurship
Name of in-charge : Dr. P. Sathishkumar

S.No	Register No.	Name of the student	Name of the department	Fees
1	20-PI-01	A. ARUNPRAKASH	M.Com IB	350.00
2	20-PI-03	B. GOKULBHARATHI	M.Com IB	350.00
3	20-PI-10	R. MOHANKUMAR	M.Com IB	350.00
4	20-PI-11	M. MOHAN PRABHU	M.Com IB	350.00
5	20-PI-12	M. MOHANPRASAD	M.Com IB	350.00
6	20-PI-13	K. NITESHPRABHU	M.Com IB	350.00
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40	19-MB-20	SHEREENA. C.S	M.Sc., Botany	350.00
41	19-MB-21	SNEHA.S	M.Sc., Botany	350.00
42	19-MB-22	VARSHINI.S	M.Sc., Botany	350.00
Total				14700.00

(In words – Fourteen thousand seven hundred rupees only-)


 Assistant Professor and Head,
 PG & Research Dept. of Botany,
 N.G.M. College (Autonomous),
 Pollachi - 642 001,

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE

Unit of NGM College Kalvi Kazhagam

Pollachi

EVENING COLLEGE ACCOUNT

E-Mail : ngm@ngmc.org

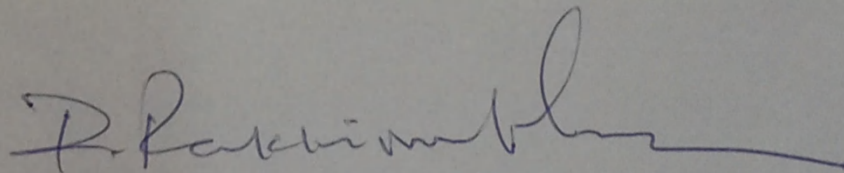
Receipt Voucher

No. : 762

Dated : 26-Feb-2021

Particulars	Amount
Account : Biological Entrepreneurship-PG Botany	14,700.00
Through : Cash in Hand	
On Account of : Being VAC Course fee received from Dr P Sathish kumar Course Incharge (42X350 =14700/-)	
Amount (in words) : Indian Rupees Fourteen Thousand Seven Hundred Only	
	₹ 14,700.00

Authorised Signatory



Dr. R. Rakkimuthu, M.Sc., Ph.D.,
Assistant Professor and Head,
PG & Research Dept. of Botany,
N.G.M. College (Autonomous)
Pollachi - 642 001.