



MEMORANDUM OF UNDERSTANDING

Dated - 27th June, 2017

Between

A.V.V.M Sri Pushpam College, Poondi-613 503, Thanjavur (Dt), Tamilnadu, India
MM Spawn Lab, GSP Mushroom Farm, Karanthai, Thanjavur-2, Tamilnadu, India.

This memorandum of Understanding between the **Department of Botany and Microbiology, A.V.V.M Sri Pushpam College, Poondi- 613503, Thanjavur (Dt), Tamilnadu, India** and **MM Spawn Lab, GSP Mushroom Farm, 1154, Pookkulam, Karanthai, Thanjavur, Tamilnadu, India**, mail: gopichandar1985@gmail.com is intended to facilitate a collaborative program of research, training, curriculum, institutional development, information dissemination and exchange of faculty, students and staff. The linkage hereby formed shall further each partner institution's objectives as well as strengthen the mutual relationship between the partners.

A.V.V.M Sri Pushpam College, Poondi, Thanjavur

A.Veeriyar Vandayar Memorial Sri Pushpam College (Autonomous), is a renowned Golden Jubilee Institution started in 1956 to educate the rural first learners. Now, the college leaps higher in the field of research and offers 17 UG programmes, 17 PG programmes, 12 M.Phil programmes and 14 Ph.D programmes. The Autonomous set up ensures a vital curriculum with Choice Based Credit System for advancing Teaching-Learning process. The Tutorial System engenders discipline and enables the students as responsible citizens. The physical infrastructure and learning resources provide a congenial atmosphere for academic exuberance and excellence. The internet facility in all the departments equips the students to face the challenges of education and research globally. The extension activities and outreach programmes create an awareness of society and Nation. The skill based courses, courses on value education, Environmental Science, Gender studies and Non-major electives mould and shape both the mind and heart of the younger minds. The vision and mission is to educate the rural mass on global standards. This is realized in the academic strides of the institution with the Nobel guidance of the Secretary and Correspondent, Shri.K.Thulasiah Vandayar of Poondi.

About the Department of Botany and Microbiology

The study of Botany was introduced as an undergraduate degree course in 1966-67 and the Post Graduate degree course in Botany was started in 1980. The excellence in teaching and research had helped the Botany Department to get recognition for M.Phil during 1982 and Ph.D during 1989. In 1996, the department introduced UGC funded vocational course for B.Sc., student on Industrial Microbiology for four years and later integrated it with UG Botany. The Department of Botany started P.G Course in Microbiology. Now, the reputed postgraduate and Research Department of Botany and Microbiology are engaged in teaching, research and extension activities. The department has 29 faculty members in the regular and self-financing stream and all are active in teaching and research in their specialized areas. B.Sc., M.Sc., M.Phil and Ph.D., oriented programmes (COP), Diploma on Herbal medicine, Certificate courses in Herbal Technology, Bio-fertilizers, Plant Biotechnology and Edible Mushroom cultivation Technology are the courses being offered by the Department.

The Department of Botany and Microbiology has undertaken several minor and major research projects funded by DST, ICAR, NMPB, MoEF, UGC and TNSCST costing Rs.43, 52, 240 (Rupees Forty three lakhs fifty two thousand two hundred and forty only). The Department has published 4 books, 4 laboratory manuals and 6 seminars/symposium abstracts/proceedings. The faculty members have published several books, research papers on their research findings. They published 85 papers in International and 480 papers in National level Journals. So, far 2000 B.Sc., 1600 M.Sc., 500 M.Phil and 176 Ph.D., students have taken degrees from this department. At present 13 M.Phil., students and 22 Ph.D., scholars are doing research in this department. The faculty members of the Department of Botany and Microbiology are involving themselves in various extension activities. The department is having PABEAT (Pushpam Academy of Botanical Education and Agricultural Technology) to cover the extension programmes. Several meetings were organized for farmers to create awareness on the importance of Biofertilizer and Herbal medicine. The department conducted the Young Students Scientist Programme with the sponsorship of TNSCST, Chennai and DST, New Delhi and gave training to 100 high school students of Thiruvarur and Thanjavur District during summer holidays from 1999-2002. DST sponsored INSPIRE programmes for it higher secondary school students of all over the state was organized by the department 2014.

The department has organized several workshop and training programmes in order to promote the scientific temper among the industrialists and young researchers especially for the beginners of research to gain expertise in modern techniques. The department has started Germplasm facility to conduct study on microbial ecology and Biofertilizer production. The department has hosted nine National and International Seminar/Symposia.

About MM spawn Lab, GSP Mushroom Farm

This Institute was established during the year 2013. Well equipped Laboratory facilities like Laminar air flow, Hot air oven, Pressure cooker, Grain storage room, Autoclave are available for the preparation of Mushroom spawn. Likewise well furnished spawn running room, Mushroom shed with moisture meter, Temperature monitoring facilities available. After harvesting mushroom, long term storage and short term storage facilities available. Our products are available in Local markets, uzhar sandhai, mals and also in the local market. We are also providing training facilities to the local people and also entrepreneurs.

Educational and academic exchange are considered here to include but not limited to:

1. Identification of mushroom from local area
2. consultancy for spawn preparation, bed preparation, production and related avenues
3. long-term and short-term exchanges of faculty, students and staff for purposes of teaching and research
4. Co-ordination of research, lectures and training by way of conducting Joint state/ national/ international level seminars/ conference/ symposium/ workshop/ refresher courses etc.
5. Joint Publication of original research articles in peer-reviewed journals by the investigators of projects funded by partner institutions as well as by external Government funding agencies and this is strictly on case to case basis.
6. Development of mutually beneficial academic programs and courses and
7. Exchange of documentation and research materials (reference materials) in field of mutual interest provided that, to the best knowledge of the respective institutions, there is no prohibition at law or otherwise against the exchange.

Activities pursuant to this Understanding may involve and discipline to the extent that individuals are able to locate suitable counterparts at the partner institution.

Prior to implementing the educational and academic exchanges agreed in this MoU, concerned individuals of both institutions shall secure approvals from their respective department Head, Deans and other appropriate Institutional officials and routed through the concerned Nodal Officers of their respective Institutions with their recommendations. **Dr. G.Senthilkumar, Assistant Professor, Department of Botany and Microbiology, A.V.V.M Sri Pushpam College, Poondi, Thanjavur (Dt), and C.Gopinath B.Tech., Industrial Biotechnologist, MM Spawn Lab, GSP Mushroom Farm, Thanjavur** will be the concerned nodal officers for this MoU.

Office space and academic facilities provided to visiting faculty members shall be made by the respective department chairs of heads in consultation with the visiting faculty members and concerned Nodal officers.

Students may be admitted to academic study at the partner institution. Specific Terms of Understanding for students Exchange shall incorporate the terms and conditions of such study.

The transfer of information, faculty, or staff for education, research or related activities shall be proposed by both institutions through their faculties and units, in consultation with and approval of the appropriate institutional officials and shall be the subject of separate documents.

All specific projects to which this Memorandum of Understanding may lead shall be evaluated in a regular basis by the designated authorities of both institutions.

There will not be any financial commitment between the partner institutions and any cost of exchange of faculty and students have to be met by the individuals/ organizations of origin.

For conditions of the linkage and terms of agreement not covered by this Memorandum of Understanding or for problems which arise while the exchange is in effect, both parties agree to refrain from unilateral action, to consult with each other and to negotiate mutually agreeable decision.


Both institutions subscribe to the policy of equal opportunity and will not discriminate on the basis of gender, age, disability, race, color, religion, marital status, veteran's status, national or ethnic origin or sexual orientation.

This memorandum of Understanding will become effective immediately. It shall continue in effect for a period of five (5) years and may be extended by mutual understanding. It may be terminated by either institution upon one year written notification to the partner institution.

A.V.V.M Sri Pushpam College



Dr.R.Damodaran
Principal


Nodal Officer
Dr.G.Senthilkumar 27/06/2017
Assistant Professor
Dept. of Botany and Microbiology

MM spawn Lab, GSP Mushroom Farm



C.Gopinath B.Tech.,
Director & Nodal officer

C. GOPINATH, B. Tech.,
Industrial Biotechnologist,
MM Spawn Lab,
GSP Mushroom Farm,
1154, Pookulam, Karanthai,
Thanjavur-613 002, Tamilnadu, India.

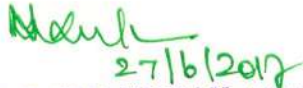
Witness

1.



Dr.T.KUMAR, M.Sc., M.Phil., B.Ed., Ph.D.,
Associate Professor & Head,
Department of Botany
A.V.V.M. Sri Pushpam College (Autonomous)
Poondi - 613 503, Thanjavur - Dt. Tamil Nadu.
Cell: 9443881311


2.



Dr. C. CHANDRAN, M.Sc., M.Phil., Ph.D.,
Associate Professor,
Dept. of Botany and Microbiology,
A.V.V.M. Sri Pushpam College (Autonomous)
Poondi - 613 503, Thanjavur (Dt), T.N., INDIA

Witness

1.


M. SATHISH KUMAR
783, Pookulam,
Karanthai,
Thanjavur-2.

2. R. BASKARAN

1154, Pookulam,
Karanthai, Thanjavur-02



**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS)
POONDI - 613 503, THANJAVUR(Dt).**



MM Spawn Lab, GSP Mushroom Farm, Karanthai, Thanjavur - 2
and
PG & Research Department of Botany and Microbiology

Organized through MOU

a hands on training on "PREPARATION OF MUSHROOM BED"

Date & Time

13/09/2017 - Wednesday at 10.00 AM


Venue

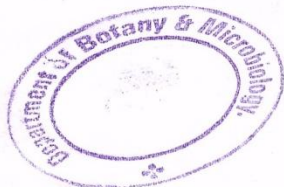
Mushroom Unit Herbal Garden, AVVMSPC, POONDI

PROGRAMME

- Welcome address** : **Dr.T.KUMAR**
Associate Professor & Coordinator
- Inaugural Address** : **Dr.R.Damodharan**
Principal
- Resource Person** : **Mr. C. GOPINATH., B.Tech.,**
Industrial Biotechnologist
MM Spawn Lab, GSP Mushroom Farm, Karanthai,
Thanjavur
- Vote of Thanks** : **Dr.C.CHANDRAN**
Associate Professor

All are cordially invited.....!!!


13/09/2017
CO-ORDINATOR,
DEPT OF BOTANY & MICROBIOLOGY




13/09/2017
PRINCIPAL
A.Vaeriyar Vandayar Memorial
Sri Pushpam College (Autonomous)
POONDI, Thanjavur Dt.

Mushroom Cultivation techniques at MM Spawn Lab,
GSP Mushroom Farm 13/09/2017.



On the basis of educational and academic exchange (MOU) between A.V.V.M.Sri Pushpam College Poondi and MM Spawn Lab ,GSP Mushroom farm Karanthai, I PG Botany and Microbiology students were visited to MM Spawn Lab at Karanthai to consult spawn preparation, Production and related avenues on 13/09/2017. This MOU is mainly intended to facilitate a collaborative programme of training ,Institutional development in information dissemination and exchange of faculty , staff and students. In reciprocal C. Gobinath B.Tech, Director of MM Spawn Lab ,Karanthai came over here to our institution to give a lecture on Mushroom cultivation technology for UG and PG students on 13/07/2017.