

## Wolfram Mathematica 9(a leading mathematical software)

(April 18-19 2013)

Department of Statistics Nirmala College, Muvattupuzha organized a national level workshop on the leading mathematical software Mathematica 9. The main objective of this workshop is to provide direct experience with all special features of Mathematica to research in statistics as well as a comprehensive foundation for developing advanced application of the system. The 12 research scholars and 32 post graduate students of various institute participated in the workshop.



APRIL 18-19, 2013  
NATIONAL WORKSHOP ON

Wolfram *Mathematica* 9

Sponsored by Wolfram Research USA

Mathematica is the tool of choice at the frontiers of research in Statistics, Analysis and Modelling. Along with supporting numerical inputs, Mathematica supports the world's largest collection of symbolic transformation rules, allowing sophisticated manipulation and reduction of symbolic expressions. The objective of this workshop is to provide direct experience with all special features of Mathematica to research in Statistics as well as a comprehensive foundation for developing advanced applications of the system. This workshop is also helpful for experienced users who would like to broaden their basic understanding of Mathematica.

2013 international year of  
statistics 

### HIGHLIGHTS

MODELS USING  
PARAMETRIC,  
NONPARAMETRIC  
AND DERIVED  
DISTRIBUTIONS.

WORKING WITH  
THEORETICAL AND  
EMPIRICAL  
STATISTICAL  
DISTRIBUTIONS.

ANALYSIS USING  
PROBABILITY AND  
OTHER HIGH-LEVEL  
FUNCTIONS.

STATISTICAL  
VISUALIZATION AND  
SIMULATIONS.

### DEPARTMENT OF STATISTICS

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# Mushroom Cultivation

THE DEPARTMENT OF BOTANY  
NIRMALA COLLEGE, MUVATTUPUZHA

ORGANIZES  
ONE DAY WORKSHOP ON



*Mushroom  
Cultivation*  
Training Programme SHG Group  
Avoly Grama Panchayat

Venue: Auditorium  
Time: 10. am

NIRMALA COLLEGE, MUVATTUPUZHA  
(Affiliated to Mahatma Gandhi University Kottayam)  
Muvattupuzha P.O., Ernakulam District, [www.nirmalacollege.ac.in](http://www.nirmalacollege.ac.in)



Nirmala College Muvattupuzha is a first grade college which has completed 62 years of glorious service to the cause of higher education. The College celebrated the golden jubilee in the path of academic excellence.

Towering aloft on the peak of a high hill' surrounded by luxuriant vegetation' intermingled by shady trees and distant from the clamour and confusion of the city' stands Nirmala college; the beacon light of learning and tranquil serenity' the college provides a congenial atmosphere for study and research.

The Department of Botany was established in 1957. The department offers B.Sc. Degree in Botany with Phytochemistry and Pharmacognosy as special paper. It has always maintained good academic results. The department undertakes research projects and extension activities. It also offers UGC sponsored Add on course in Rural Eco-Management, consultancy services to Kottacherril Pharmaceuticals in mushroom Cultivation and Identification of medicinal and other plants.

Mushroom Cultivation was a training programme organised by the Botany department of Nirmala College Muvattupuzha in collaboration with Avoly Gramma Panchayah on 24<sup>th</sup> August 2013. Participants were students and People living in the Avoly panchayath, a total of 210 participants attended the programme.

### **Hi- Tech Farming (August 5, 2014)**

The Department of Commerce conducted a seminar on hi- tech farming on August 5, 2014 at the college auditorium. The resource person was Mr. Rajeev Kumar, General Manager, Jain Irrigations Limited.

The seminar emphasized on the importance of organic farming and also explained how the soil fertility and minimal usage of chemical content helps in yielding better farming results. The important message that was conveyed through the seminar was how the youth should utilize and explore the various opportunities in the field of agriculture. The seminar was highly helpful for the students who consider organic farming as a growing industry.

## **Workshop on Manufacturing of soaps and Detergents and DRC testing of Rubber Latex(4/7/2015)**

The department of chemistry organized a one day workshop on manufacturing of soaps and DRC testing of rubber latex on 4<sup>th</sup> July 2015. The workshop was led by Prof. Mercyamma Jacob. Students participated in the workshop were inspired in such a way to make soaps by themselves. As majority of farmers here produces rubber latex, testing of DRC of rubber latex make new opportunities in this field.

## **Inter-disciplinary seminar on Ayurveda and yoga for holistic development**

The Post Graduate and Research Department of Malayalam coordinated an academic collaborative seminar on Ayurveda and Yoga for holistic Development on 29.09.2015 with the financial support, expertise and mutual understanding of Pathanjali Padanakendram, Sree Sankaracharya Sanskrit University, Kalady.

P. Balachandran, Renowned screen play writer, Actor and Former Professor, School of Letters, MG University Kottayam, inaugurated the workshop. In the Morning Session Prof. Dr. V.M Paramesvaran Potti Delivered a Lecture on 'The Imaginative Construction of Ayurveda in Modern and ancient perspectives'. The Principal, Rev. Dr. Vincent Joseph presided over the meeting. Dr. Sanish P.B. welcomed the gathering. Dr. Lissy Joseph, Head of the department felicitated in the meeting. Dr. Beenamma Mathew proposed the vote of thanks.

Prof. P. Manoharan Rtd. Prof. Kannur University delivered a lecture on 'Yoga and Tranquility in Life' in the afternoon session. Dr. Annie Thomas welcomed the Gathering and Asst. Prof. Seema Joseph proposed the vote of thanks. Teachers and students from near by colleges were part and parcel of the programme.

Dr. Beenamma Mathew and Dr. Sanish P.B., were the co-ordinators of the program.



## **Apiculture and uses of honey and Bee culture**

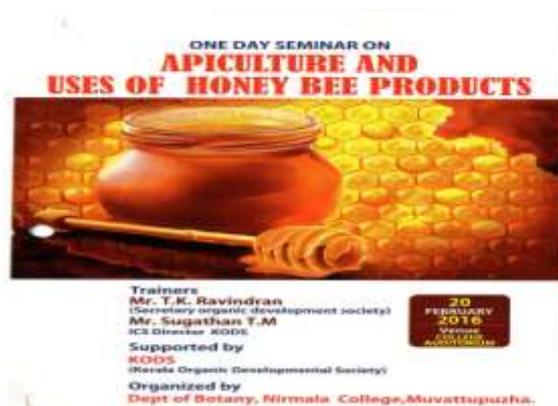
**Mr. T K Ravidranand Mr.Suguthan**

**Venue: Auditorium**

**Date: 20/2/16**

The meeting started by evoking the name of god. Dr. Sr. Tessa Joseph welcomed the gathering. Principal Fr. Dr. Vincent Joseph, Nirmala College delivered the presidential address to the gathering and shared his views on bee culture and their importance. Prof. Jose Karikunnel felicitated the gathering. Ms. Jaiby Cyriac introduced the speaker and laid down the platform for the speaker. Mr. Suguthan and Ravindran shared their expertise in bee keeping with the gathering. Mr. Ravindran demonstrated basic bee handling techniques with the students and also shared with the gathering various important uses of honey and other bee products. Importance of bee to man and nature. Technicalities involved in bee keeping. Various products isolated from bee culturing. Advantages and methods of using honey and its derivatives.

Emphasis was on the use of apiculture as a mode of income in rural area. Described different schemes by government that provide subsidy to the bee keepers. A total of 110 students attended the meeting. The participants included under graduate students of the department. Students from Zoology and faculty members from other department were also in attendance.



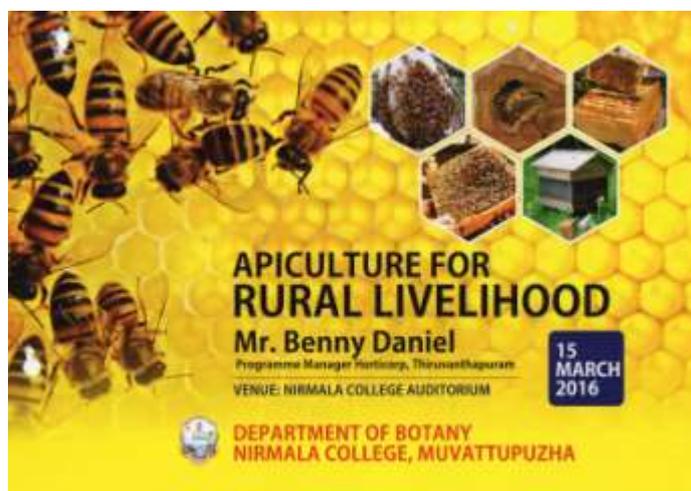
Ms. Jaiby Cyriac extended the vote of thanks to the gathering.

## **Apiculture for Rural livelihood**

**Mr. Benny Daniel, Programme Manager, HortiCorp, Thiruvannathapuram**

**Venue: Auditorium**

**Date: 15/3/2016**



The meeting started by evoking the name of god. Dr. Sr. Tessy Joseph welcomed the gathering. Principal Fr. Dr. Vincent Joseph, Nirmala College delivered the presidential address to the gathering and stressed upon the importance of having a career goal. Ms. Alka Nasser introduced the speaker and laid down the platform for the speaker. Mr. Benny Daniel stressed the importance of bees to man and nature. Technicalities involved in beekeeping. Various products isolated from beekeeping. Advantages and methods of using honey and its derivatives. Emphasis was on the use of apiculture as a mode of income in rural areas. Described different schemes by government that provide subsidy to the beekeepers.

A total of 108 students attended the meeting. The participants included undergraduate students of the department. Students from Zoology and faculty members from other departments were also in attendance. Ms. Chithra Jose extended the vote of thanks to the gathering.

## **Problems and prospects of Pineapple cultivation**

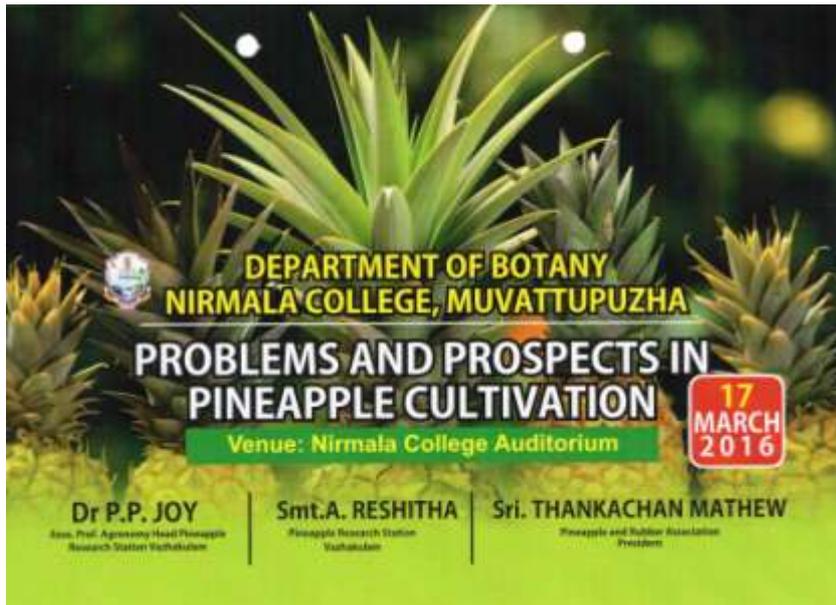
**Dr. P.P. Joy, Associate professor, head pineapple research station, vzhakulam**

**Smt. A. Reshitha, pineapple research station, Vzhakulam**

**Mr.Thankachan Mathew, president, Pineapple and Rubber Grower's association**

**Venue: Auditorium**

**Date: 17/3/2016**



The meeting started prayer song sung by the students of final year Degree botany. Dr. Sr. Tessy Joseph welcomed the gathering. Principal Fr. Dr. Vincent Joseph, Nirmala College delivered the presidential address to the gathering and shared the views on Pineapple cultivation and its importance to the Muvattupuzha and adjoining areas. Ms. Alka Nasser introduced the speaker and laid down the platform for the speaker. Prof. Dr. P. P. Joy talked about the importance of pineapple to the local economy. He also explained the economics and status of pineapple cultivation in Kerala. The speaker also gave insights into the research initiatives and role of Pineapple research centre, Vzhakulam in developing pineapple cultivation. The role of Pineapple research station (PRS) in developing the pineapple cultivation and various projects undertaken by the Pineapple research station in helping the farmers. Ms. Reshitha demonstrated various dishes prepared using pineapple. Mr. Thankachan Mathew, president, pineapple and rubber grower's association discussed various techniques involved in pineapple cultivation. A total of 98 students and members of general public attended the meeting. The participants included undergraduate students of the department. Students from Zoology and faculty members from other departments were also in attendance. Association secretary Ms. Arya Ravikumar extended the vote of thanks to the gathering.

## Right to Information

Venue : Nirmala College Muvattupuzha

Date :27<sup>th</sup> July 2016

Right to Information programme was organised by the department of Commerce to bring awareness to students about the Right to information act. This programme was inaugurated by the Muvattupuzha Vigilance Court judge Sri.P.Madhavan. The entire session was taken by Dr.Vincent .M.Paul (IPS Rtd ).841 students participated in this programme



**RIGHT to INFORMATION**  
MY RIGHT, MY MIGHT,  
THE RIGHT TO KNOW  
**KEEPING GOV'T ACCOUNTABLE**



Respected Sir,

The Department of Commerce, Nirmala College Muvattupuzha is observing 27 July 2016 as 'Legal Awareness Day' with a vision to create legal awareness among our students and to mould them as law abiding citizens. To make it more meaningful, we are conducting a session on 'Right to Information' in association with Niyamajyothi, Ernakulam, a forum for enlightening legal awareness. Honourable Vigilance Special Judge Sri P. MADHAVAN, has consented to inaugurate the function and Sri. Vincent M. Paul I.P.S., Chief Information Commissioner, Kerala will deliver the key note address.

We are pleased to have your valuable presence for the successful conduct of this programme.

**Venue: Audio Visual Hall, Nirmala College, Muvattupuzha**

**Date & Time: 27 July 2016 at 10.30 a.m.**

### PROGRAMME

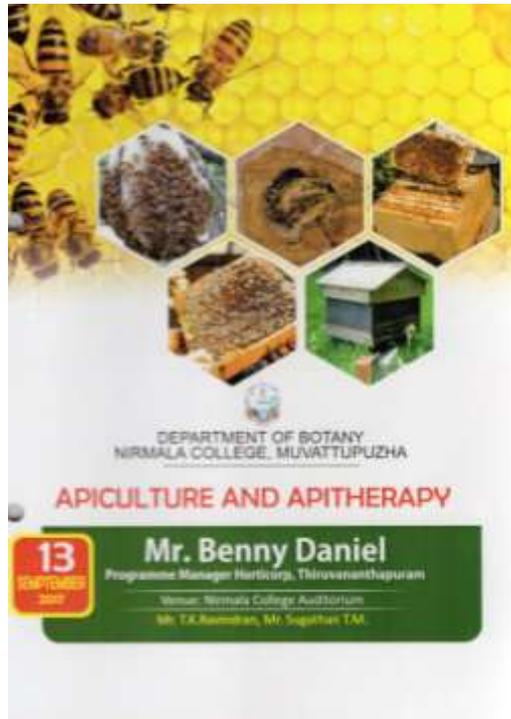
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|-------------------------|---|
| 1. Prayer               | <b>Dr. Johnson Varghese</b><br>(Head of the Department of Commerce)                                     |
| 2. Welcome Speech:      | <b>Sri. P. Madhavan B.A., LL.B</b><br>(Hon.Vigilance Enquiry Commissioner & Special Judge Muvattupuzha) |
| 3. Inauguration:        | <b>Sri. Vincent M. Paul I.P.S</b><br>(Chief Information Commissioner, State of Kerala)                  |
| 4. Keynote Address:     | <b>Dr. T.M Joseph</b><br>(Principal)  |
| 5. Presidential Address | <b>Adv. Jimmy Jose T.</b><br>(Secretary, Legal Services Committee, Muvattupuzha)                        |
| 6. Felicitation         | <b>Adv. Baby Kurianose</b><br>(President, Niyamajyothi )  |
| 7. Vote of Thanks:      |   |

## Apiculture and Apitherapy

**Mr. Benny Daniel, Programme Manager, HortiCorp, Thiruvannathapuram**

**Venue: Audio visual Hall**

**Date: 13/09/2017**



The meeting started by evoking the name of god. Dr. Sr. Tessy Joseph welcomed the gathering. Principal Dr.T M Joseph, Nirmala College delivered the presidential address to the gathering and congratulated the department on its academic achievements over the years. Ms.JaibyCyriac introduced the speaker and laid down the platform for the speaker. Mr. Benny Daniel stressed the importance of the bee to man and nature. Technicalities involved in beekeeping. Various products isolated from bee culturing. Advantages and methods of using honey and its derivatives. Mr. Benny explained different medicinal properties and uses of medicinal plants. The session preceded with a very long discussion where all the participants asked their doubts about various ailments.

A total of 124 students attended the meeting. The participants included undergraduate students of the department. Students from Zoology and faculty members from other departments were also in attendance. Ms. JaibyCyriac extended the vote of thanks to the gathering.

## Skills needed for the tourism industry

As a part curriculum programme students required certain skills in hospitality and tourism industry. This programme was conducted by department of tourism studies on September 15<sup>th</sup> 2017 at Punnakottil hall . 50 students participated in this workshop .Mr.Jacob Mathew well known hospitality trainer engaged the session .Mrs.Ancu John was the coordinator for the programme .

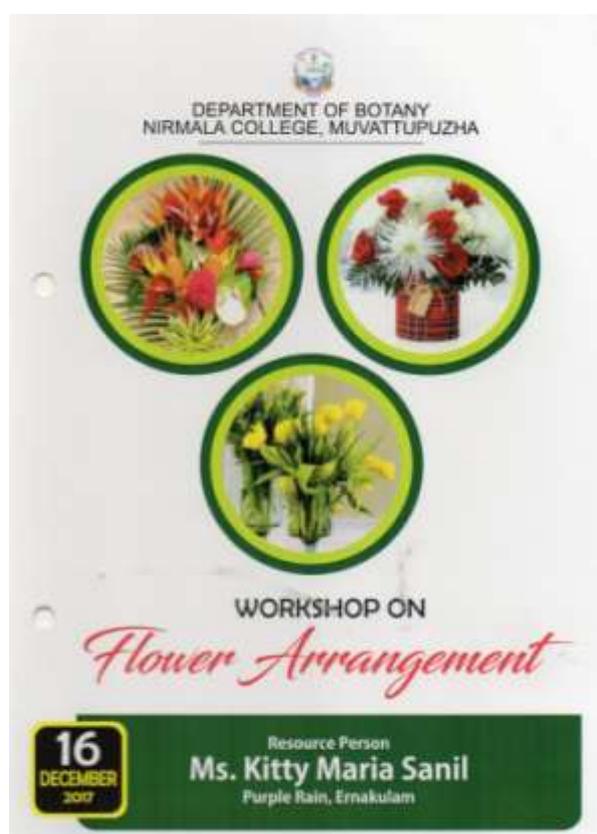


## Flower Arrangement

**Ms. Kitty Maria Sanil**

**Date: 16/12/2017**

The meeting started by evoking the name of god. Ms. Jaiby Cyriac welcomed the gathering. Principal Dr. T.M. Joseph, Nirmala College delivered the presidential address for the function. Dr. Sr. Tessa introduced the speaker and introduced the value of flower arrangement and as a possible source of income.



Miss Kitty demonstrated different methods of flower arrangement. She also demonstrated methods and various treatments to increase the shelf life of flowers to the students. A total of 77 students attended the meeting. The participants included undergraduate students of the department. Students from Zoology and faculty members from other departments were also in attendance. Ms. Dooniya Johnson of IIIrd B.Sc Botany extended the vote of thanks to the gatherings.