# REPORT OF
# NATIONAL WORKSHOP
# ON
# "FOSS FEST"
# LINUX AND PYTHON

**JANUARY 11, 2019**

***Sponsored by***

**INTERNATIONAL CENTRE FOR FREE AND OPEN SOURCE SOFTWARE,**
**GOVT. OF KERALA**

***Organized by***

**FOSS CELL**
**SREE AYYAPPA COLLEGE**

***In Association with***

**PG Department of Computer Science & IQAC**
**SREE AYYAPPA COLLEGE**
**(Govt. Aided, Affiliated to University of Kerala)**
**ERAMALLIKKARA – 689 109**
**CHENGANNUR, ALAPPUZHA (DIST)**
**KERALA**

## ORGANISING COMMITTEE

**Dr. K.S Anil Kumar (PRINCIPAL)**

| *FACULTY CO-ORDINATOR* | *STUDENT CO-ORDINATOR* |
|---|---|
| **Mrs. Sreelekshmi A.N** | **Miss. Athira Mohan** |

### *COMMITTEE MEMBERS*

| | | |
|---|---|---|
| **Prof.P K Sobha** | **Prof. S Sreedevi** | **Prof. Usha Kumari K L** |
| **Dr.Madhavan.N** | **Dr.Nitha.B** | **Dr. N. Vidhya** |

### DEPARTMENT COMMITTEE MEMBERS

| | | |
|---|---|---|
| **Mr.Reghu.R** | **Prof. Jisha Nair B J** | **Miss. Gayathri Mohan** |
| **Miss. Reshma Dharman** | **Mrs. Surjimol R** | **Miss. Karthika R Krishnan** |

### EXTERNAL RESOURCE PERSONS

**Miss. Priyanka P.L & Miss. Chithra.C. Nair ( Senior Foss Cell Members)**

### About the College

Sree Ayyappa College, Eramallikkara is a premier education institution in Kerala , established in 1995 by the Travancore Devaswom Board. The College is Government aided and affiliated to the University of Kerala. Five undergraduate programmes in the frontier areas of Applied Science and a post graduate programme in Computer Science are offered in the College. The college has now accredited with “NAAC B-Grade.”

### Objective of the Workshop

The workshop focuses on the basic knowledge of the Linux operating system. Linux is free and open source software. The awareness of Linux is essential for students because of its increasing demand in the industry. This workshop also focuses on the foundation of Python programming language for students without prior programming language.

The programme covers the major topics of interest were:

LINUX

- Introduction to FOSS
- GNU/LINUX operating system
- Various FOSS technologies
- Free OS installation

PYTHON

- Python programming basics
- Organizing programmes

This workshop provided the fundamental principles of Free Software Operating Systems, as well as in data and information processing techniques in free software platforms. Students could solved the problems to explore the challenges of software development to create practical and contemporary applications.

**Participants**

1. Participants from first year foss cell members in our college : 26

**REPORT**

**11.01.2019**

**9.30 am : INAUGURAL SESSION**

Inaugural function was presided by Head of the department **Prof. Sobha P.K** . The programme commenced with a prayer. **Prof. S.Sreedevi** (Associate Professor and COC Coordinator) offered welcome to the dignitaries and all the participants. The FOSS CELL unit and programme were inaugurated by Hon'ble Principal , **Dr. K. S. Anil Kumar**. Keynote address was delivered by **Prof. K. C. Praksh** (IQAC Co-ordinator), **Prof. S.Suresh** (PTA Secretary), **Shri. Suresh Kumar** (PTA Vice- President), **Kumari . Megha R** (Chairperson , College Union , SAC) offered felicitations. **Mrs. Sreelekshmi A.N** (Faculty Coordinator, FOSS CELL) offered vote of thanks.

**11.01.2019**

**10.30 – 11.30 AM : Session I**

**" Basics of Free and Open Source Softwares" - Miss. Priyanka P.L (Senior Foss Cell Members)**

**11.30 – 11.45 AM : Tea Break**

**11.45– 01.00 PM : Session II**

**"Basics of GNU/Linux and Installation " - Miss. Chithra.C. Nair (Senior Foss Cell Members)**

**01.00 – 01.30 PM : LUNCH BREAK**

**01.30 – 2.30 PM : Session III**

**" Hands on Linux" - Miss. Priyanka P.L & Miss. Chithra.C. Nair (Senior Foss Cell Members)**

**02.30 – 03.15 PM : Tea Break**

**03.15 – 03.00 PM : Continue Session III**

**"Python Programming - Miss. Chithra.C. Nair (Senior Foss Cell Members)**

**04.30 PM : National Anthem**

## VALEDICTORY SESSION

03.00 am to 03.30 pm : Discussions and doubt clearance
03.30 am to 03.45 pm : Free Installation
03.45 pm to 04.00 pm : Feedback
04.00 pm to 04.30 pm : Valedictory session

The valedictory session was chaired by the Principal **Dr. K S Anil Kumar**. The session started with a silent prayer. **Prof.S.Sreedevi** (Associate Professor in Computer Science Department) offered welcome to all the dignitaries and participants. Presidential address was delivered by the Principal. The Pricipal also distributed the certificates to the participants and paper presenters. **Mrs. Surjimol R** (Dept. Computer Science), **Miss. Gayathri Mohan**(Dept. Computer Science) were offered felicitations. **Student Co-ordiator** offered vote of thanks**.** The programme concluded with National Anthem.

**Inauguration of FOSS CELL and WORKSHOP**




**Classes taken by Miss. Priyanka P.L & Miss. Chithra.C. Nair (Senior Foss Cell Members)**





**Valedictory session**




**Brochure**







