REPORT OF
NATIONAL WORKSHOP
ON
"CUTTING EDGE TECHNOLOGIES IN FOSS"

MARCH 1-2, 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 **Mrs. Sreelekshmi A.N**

STUDENT CO-ORDINATOR **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 focus on the basic knowledge of the Linux operating systemThe main objective of the workshop is to enhance the skills of graduate and postgraduate students by providing hands on training. In this Hi-tech era, mobile networks play a vital role. This workshop helps the students to understand all concepts of Free and Open Source Software in a very sound manner. The workshop is focused on shaping advanced career of the students. The programme covers the major topics of interest were :

- How to create and build (compile and package) an Ionic project using the CLI (Command Line Interface).
- How to start from one of the Ionic starter apps

- How to build modern mobile UI using Ionic components such as side menu, cards, action sheets, etc.
- Wikipedia: Anarchism referencing guidelines
- Wikipedia: Citing sources
- Wikipedia: Content forking

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 : 30

REPORT

01.03.2019

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.

01.03.2019

10.30 – 11.30 AM : Session I

"Ionic Framework in Mobile Application (Android/IOS)" – SIMI MATHEW (ADROID DEVELOPER - WEB SHORE, KOCHI)

11.30 – 11.45 AM : Tea Break

11.45– 01.00 PM : Session II- CONTINUED

01.00 – 01.30 PM : LUNCH BREAK

01.30 – 2.30 PM : Session III

"Ionic Framework in Mobile Application (Android/IOS) – PRACTICAL SESSIONS" – SIMI MATHEW (ADROID DEVELOPER - WEB SHORE, KOCHI)

02.30 – 03.15 PM : Tea Break

03.15 – 03.00 PM : Continue Session III

04.30PM : National Anthem

02.03.2019 (DAY 2)

10.30 – 11.30 AM : Session I

"To familiarize with all new concepts that can be contributed to Wikipedia" – BY Mr. RENJITH .C (ALPHA FORK – DEVELOPER, ANGAMALI)

11.30 – 11.45 AM : Tea Break

11.45– 01.00 PM : Session II- CONTINUED

01.00 – 01.30 PM : LUNCH BREAK

01.30 – 2.30 PM : Session III

"To familiarize with WIKIMEDIA COMMONS" – BY MR. KIRAN .S (WIKIPEDIA CONTRIBUTOR)

02.30 – 03.15 PM : Tea Break

03.15 – 03.00 PM : Continue Session III

04.30 PM : National Anthem

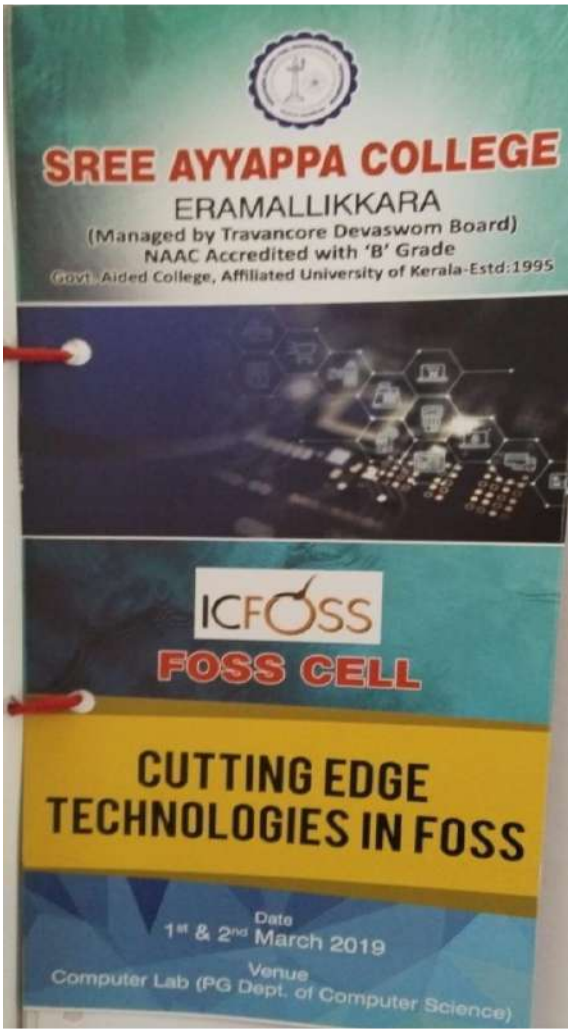
VALEDICTORY SESSION

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.

Brochure





Inauguration of FOSS CELL and WORKSHOP



Classes taken by Miss.Simi Mathew,Mr. Renjith C,Mr. Kiran S

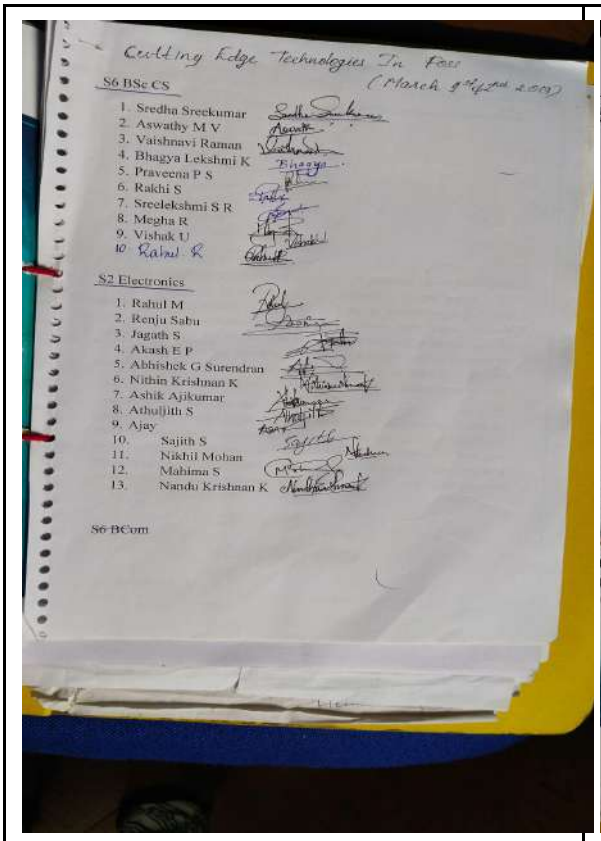



FOSS CELL
(Free and Open Source Software)
in association with
ICFOSS


FOSS CELL
ICFOSS
Sree Ayyappa College



Attendance



Cutting Edge Technologies In Foss
(March 9th/2nd 2019)

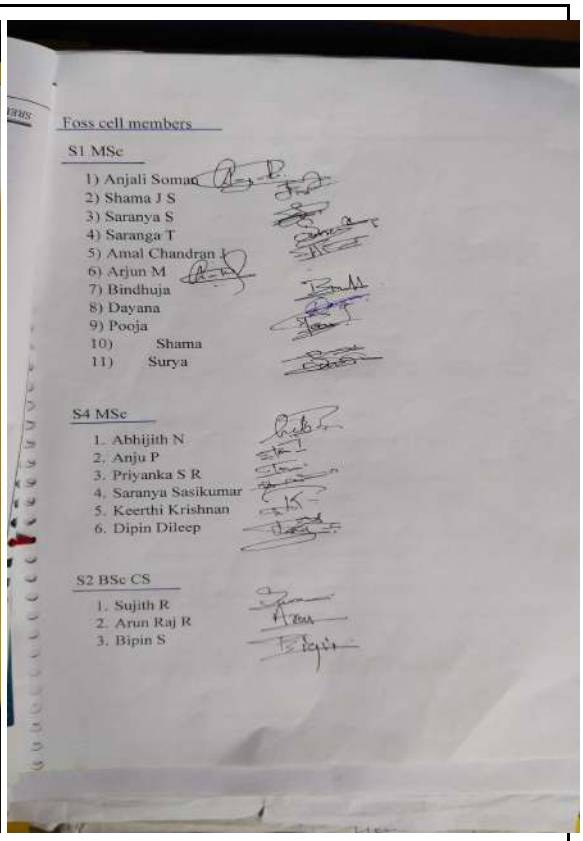
S6 BSc CS

1. Sredha Sreekumar
2. Aswathy M V
3. Vaishnavi Raman
4. Bhagya Lekshmi K
5. Praveena P S
6. Rakhi S
7. Sreelekshmi S R
8. Megha R
9. Vishak U
10. Rahul R

S2 Electronics

1. Rahul M
2. Renju Sabu
3. Jagath S
4. Akash E P
5. Abhishek G Surendran
6. Nithin Krishnan K
7. Ashik Ajikumar
8. Athuljith S
9. Ajay
10. Sajith S
11. Nikhil Mohan
12. Mahima S
13. Nandu Krishnan K

S6 BCom



Foss cell members

S1 MSc

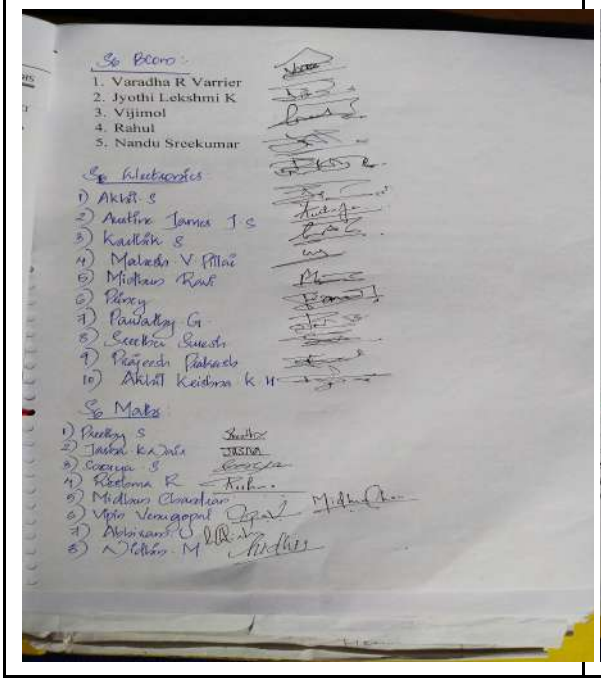
1) Anjali Soman
2) Shama J S
3) Saranya S
4) Saranga T
5) Amal Chandran
6) Arjun M
7) Bindhuja
8) Dayana
9) Pooja
10) Shama
11) Surya

S4 MSc

1. Abhijith N
2. Anju P
3. Priyanka S R
4. Saranya Sasikumar
5. Keerthi Krishnan
6. Dipin Dileep

S2 BSc CS

1. Sujith R
2. Arun Raj R
3. Bipin S



S6 BCom

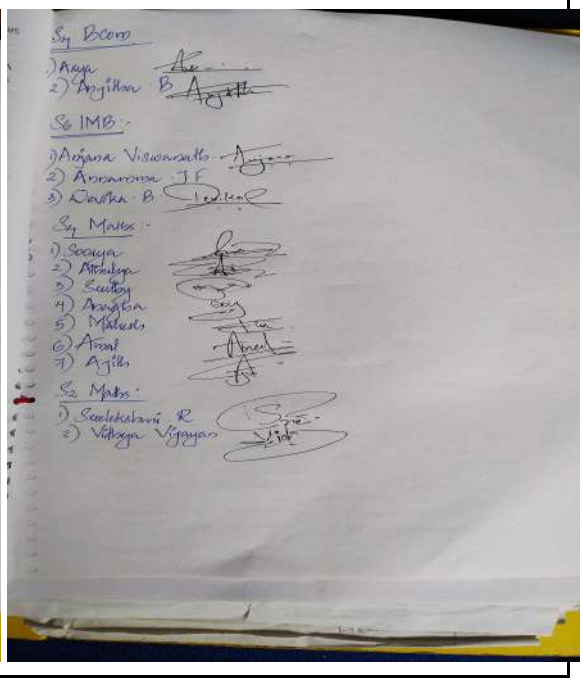
1. Varadha R Varrier
2. Jyothi Lekshmi K
3. Vijimol
4. Rahul
5. Nandu Sreekumar

S6 Electronics

1) Akhil S
2) Anitha James J S
3) Kailash S
4) Malavika V Pillai
5) Midhun Ravi
6) Pinky
7) Pavithra G
8) Sreelekshmi Suresh
9) Prajeesh Prakash
10) Akhil Krishna K H

S6 Maths

1) Pavithra S
2) Jasna Kabir
3) Soorya S
4) Reshma R
5) Midhun Chandran
6) Vipin Venugopal
7) Abhiram
8) Nithin M



S3 BCom

1) Anju
2) Jyothi B

S6 IMB

1) Archana Viswanath
2) Annamma J F
3) Vaishna B

S3 Maths

1) Soorya
2) Abhijith
3) Sruthy
4) Anagha
5) Malavika
6) Amal
7) Ajith

S2 Maths

1) Sreelekshmi R
2) Vidhya Vijayan