

DATE: 1st June 2019

From,

H.O.D
Dept of CSE,
A.I.E.T Mijar

To,

IQAC Chairman
A.I.E.T, Mijar

Respected Sir,

Sub: - Proposal for conducting orientation programme on "Open Source Software" - regarding

We here by propose to conduct two days National Level workshop on **"Open Source Software"** by Dr. Mohideen Badhusha, Professor, Dept. of CSE, AIET to understand Software redistribution, Source code availability and integrity, Distribution and properties of licenses and also develop skills using open source softwares.

Kindly permit us to conduct the workshop on '3rd June to 7th June 2019'. And I seek your suggestions and cooperation regarding it.

Thanking you,

Encl: Program content

Yours Sincerely,



H.O.D.
Dept. Of Computer Science & Engineering
Alva's Institute of Enng. & Technology
Mijar, MOODSIDRI - 574 225



IQAC Chairman

PRINCIPAL
Alva's Institute of Enng. & Technology
Mijar, MOODSIDRI - 574 225, D.K.

5 Days Hands-on Program on

“Open Source Learning Suite”

03rd to 07th June 2019

ORGANIZING COMMITTEE

Chief Patron : Dr. M. Mohan Alva
Chairman, AEF

Patron : Sri. Vivek Alva
Managing Trustee, AEF

Chief Advisor: Dr. Peter Fernandes
Principal, AIET

Convener : Dr. Manjunath Kotari
HOD, Dept. of CS&E

Organizer : Dr. Praveen J
Dean (Aca), AIET, Mijar

Members : All Teaching and
Nonteaching staff



**Alva's Institute of Engineering &
Technology**

**Shobhavana Campus, Mijar,
Moodbidri – 574225**

Web: aiet.org.in



5 Days Hands-on Program on

“Open Source Learning Suite”

Trainer

Dr. Mohideen Badushah S
Professor, Dept. of CSE
AIET, Mijar

Organized By

Alva's Institute of Engg. & Technology

“Shobhavana Campus”, Mijar,

Moodbidri-574225

Mangalore, D.K., Karnataka

Phone: 08258 – 262724, 262725, 262726

ALVA'S INSTITUTE OF ENGG. & TECHNOLOGY

Alva's Institute of Engineering and Technology, Mijar, Moodbidri is a premier Engineering Institute of Alva's Education Foundation, established in the year 2008, and located adjacent to Mangalore-Sholapur National Highway, which is 24 Kms from Mangalore International Airport. The college is recognized by All India Council for Technical Education (AICTE), New Delhi & Affiliated to Visvesvaraya Technological University, Belagavi. The college is ranked as one of the best Technical Institute in South Canara region. The institute offers under graduate programs in 5 branches of Engineering – Computer Science & Engineering, Civil Engineering, Electronics & Communications Engineering, Information Science & Engineering, and Mechanical Engineering. Computer Science & Engineering, VLSI Design & Embedded Systems. Seven departments at the institute have been recognized as research centres by Visvesvaraya Technological University, Belagavi.

VISION OF THE INSTITUTE

Transformative education by pursuing excellence in Engineering and Management

through enhancing skills to meet the evolving needs of the community

MISSION OF THE INSTITUTE

- To bestow quality technical education to imbibe knowledge, creativity and ethos to students community.
- To inculcate the best engineering practices through transformative education.
- To develop a knowledgeable individual for a dynamic industrial scenario.
- To inculcate research, entrepreneurial skills and human values in order to cater the needs of the society.

PROGRAM OBJECTIVES

Learning Objectives:

- To provide a basic idea of Open source technology, their software development process so as to understand the role and future of open source software in the industry along with the impact of legal, economic and social issues for such software.

CONTENT COVER

- Evolution & development of OST and contemporary technologies,
- Factors leading to its growth. Open Source Initiative (OSI),
- Free Software Foundation and the GNU Project, principle and methodologies.
- Free Software, OSS, Closed software, Public Domain Software, Shared software, Shared source
- OS Development Model, Starting and Maintaining an Open Source Project, Open Source Hardware, Open Source Design
- What Is A License, How to create your own Licenses? Important FOSS Licenses

TARGET AUDIENCE

The training program is open for nonteaching staff of AIET.



5 days Hands-on Program on Open source learning suite from 3rd June to 7th June
2019

PARTICIPANT LIST

Sl.no	Branch	Name
1	CSE	Mr. Shreekanth Suvarna
2		Ms. Soujanya
3		Mr. Rajesh Bangera
4		Ms. Anusha
5		Mr. Mahesh Shetty
6		Ms. Rakshitha
7		Mr. Ashok
8		Ms. Pratheeksha
9		Mr. Navanith Amin
10		Ms. Lavita D'souza
11		Ms. Ashwitha
12		Mr. Jeevan Shetty
1	ECE	Mr. Joe Fernades
2		Mr. Mahesh Rao
3		Mr. Bharath Raj
4		Ms. Geetha
5		Ms. Sudha
6		Ms. Kavitha
7		Ms. Rashmi Kumari
1	MECH	Mr. Sharaschandra Shetty
2		Mr. Veerendra Kumar B
3		Mr. Henry M. Miranda
4		Mr. Parshwanath Jain
5		Mr. Dhananjaya Prasad
6		Mr. Ravindra
7		Mrs. Akshatha
8		Mr. Thilak Raj Shetty
9		Mrs. Vijayalaxmi
10		Mr. Lokesh
11		Mr. Bhasker
12		Ms. Divya
13		Ms. Sharon Josephine



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Hands-on Programme REPORT

Organized by,
Department of Computer Science and Engineering

5 Days Hands-on Program on

“Open Source Learning Suite”

03rd to 07th June 2019

Conducted for Nonteaching staff

2018-19



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

5 Days Hands-on Program on “Open Source Learning Suite” 03rd to 07th June 2019

Alva's Institute of Engineering and Technology conducted a **five days** Workshop on “**Open Source Softwares**” for **all NonTeaching participants from circuit Branches**, organized by Department of Computer Science and Engineering **3rd to 7th June 2019**. The programme was inaugurated by Principal, Dr. Peter Fernandes, AIET, Dr. Praveen J Dean (Aca), Prof. Manjunath Kothari, H.O.D, Dept. CSE and all The HODs of various departments and all nonteaching staff members were present during the inauguration function along with the resource person **Dr. Mohideen S. Badhusha. Sr. Professor. Department of CSE, AIET. Moodbidri**

Dr. Peter Fernandes Principal AIET Moodbidri had given a brief about the programme.



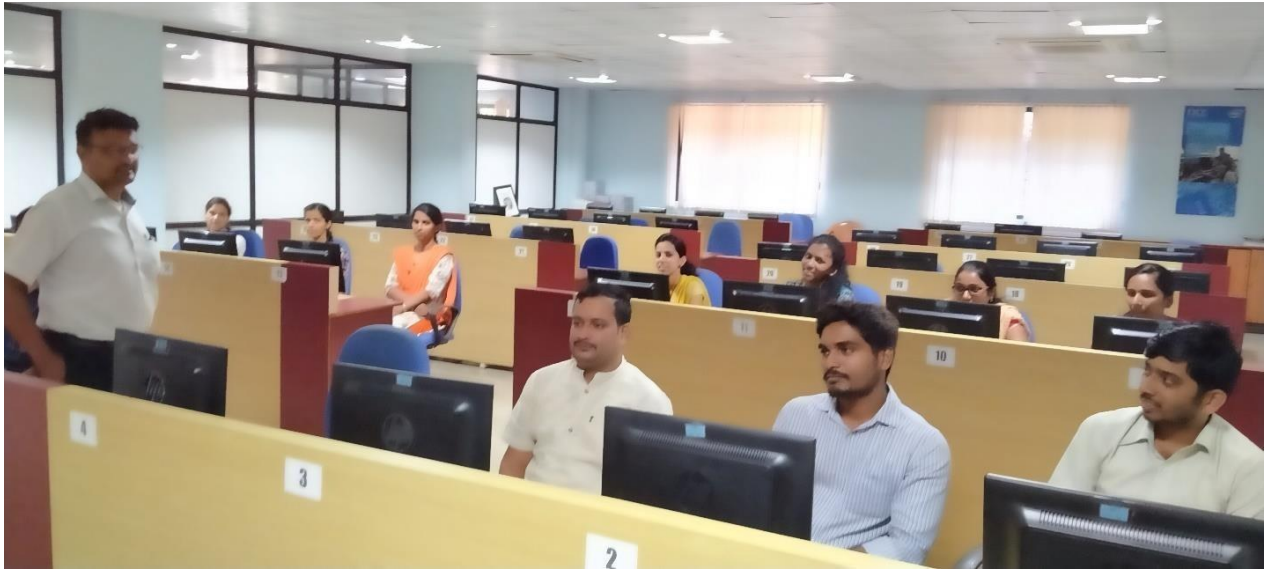


Event Objectives

- To improve students success by providing students with leading edge software needed to best meet academic, career and personal improvement goals
- To incorporate the latest technology in the area of software in classroom and interdisciplinary curriculums such as CIS, English, Summer Youth College and Learning Unlimited.
- To decrease student and college spending on software and texts, this will release financial resources.
- To more easily bridge the linguistic and technological gaps in students' education, thereby increasing communication and easing the transition from one culture to another.

Expected Outcomes

- Software redistribution
- Source code availability and integrity
- Distribution and properties of licenses
- Derived works
- Anti-discrimination



Key advantages:

- Its quality can be easily and greatly improved when its source code is passed around, tested, and fixed.
- It offers a valuable learning opportunity for programmers. They can apply skills to the most popular programs available today.
- It can be more secure than proprietary software because bugs are identified and fixed quickly.
- Since it is in the public domain, and constantly subject to updates, there is little chance it can become unavailable or quickly outmoded—an important plus for long-term projects.

The proceedings of the workshop are as follows:

End of the session collected feedback from the participants for the better enhancement of training programs in future.

The day was ended with a valedictory function and event was narrated by Ms. Ankitha Shetty, Ms. Shilpa and at the end of the function Dr. Manjunath Kothari H.O.D Department of CSE, All media persons were also present for the event.



FEEDBACK ANALYSIS

Workshop: Open Source Software

Resource Person: Dr. Mohideen Badhusha

Date: 07/06/2019 to 08/06/2019

Total Feedback Form Received: 12

Total Number of Questions: 07

Q.Number	Option 1 Poor	Option2 Fair	Option3 Good	Option4 Very Good	Option5 Excellent
All Questions	03	09	40	27	05
AVG	03/84=3.57%	09/84=10.71%	40/84=47.61%	27/84=32.14%	05/84=5.95%

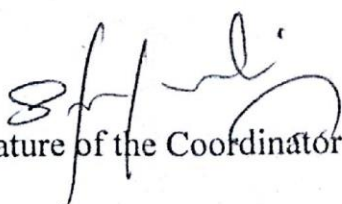
Out of 12 students 3.57% students given Poor feedback, 10.71% students given for Fair feedback, the 47.61% students given Good feedback, 32.14% students given Very Good feedback and 5.95% students given Excellent feedback.

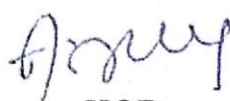
Comments:

- This workshop helped to recognize the benefits and features of Open Source Technology.
- Interpret, Contrast and compare open source products among themselves
- Understand and demonstrate Version Control System along with its commands

Action Taken:

Department has planned to conduct workshop on any one open source tool related to python, anaconda, spyder, .Net framework etc.


Signature of the Coordinator


HOD
Dr. MANJUNATH KOTARI
Professor & Head
Department of CSE
Alva's Institute of Engineering & Technology
Moodbidri