WALCHAND COLLEGE OF ENGINEERING, SANGLI

(AN AUTONOMOUS INSTITUTE)

WLUG

Walchand Linux Users' Group

About WLUG

Walchand Linux Users' Group is a technical club of Walchand College of Engineering, Sangli. Which was established in the year 2003, has a trademark of learning new Open Source Technology and spreading it, year after year. The WLUG represents students from Walchand College of Engineering, Sangli who are interested in Open Source technologies. Our goal is to organize technical and professional activities which strengthen and enrich the community within the College, and to help publicize various research activities within the IT Industry. We organize technical events and also the social events for society and workshops on Open Source technologies for students. Here, the students organize themselves to develop and improve various skills and to impart technical knowledge and keep in pace with the latest trends in technology by arranging club services.

Staff Advisors:

Dr.A.J.Umbarkar
(IT Dept.)

Prof. A.R.Surve
(CSE Dept.)

Main Board Representatives:

Mr. Amaan Shaikh
(President)
(2021-22)

Miss. Soniya Kulkarni
(Vice President)
(2021-22)

List of events organised by WLUG since 2016

SR NO	Event
1	GIM
2	Open Source Day
3	Metamorphosis
4	Spandan
5	Techno-Tweet
6	Linux-Dairy
7	Webinar-Deck
8	Weekly club service

Brief introduction to all the events arranged till 2021

1. GIM

Objective:

To introduce FY students with open source community and technologies, develop interest and enthusiasm for open source as well as world of computer science and technology.

GIM i.e. General Interest Meet is first club service taken by WLUG to make first year students aware of open source and Linux along with Club introduction. As first meet with club it is our duty to create and increase enthusiasm of students towards technical fields as well as Open Source Technologies. Along with technical sessions this meet also have few non-technical sessions for newly admitted students to motivate and make familiar with WCE family.

2. Open Source Day

Objective:

To spread the idea of Open Source and Open Source Technologies in Engineers and promote this idea so many of them can use, refer as well as contribute in Open Source so it will be helpful for community to grow and evolve. Also promote some Open Source Technologies which are useful for Engineers in their daily work.

WLUG celebrates open source day by giving information of various open source technologies in every field such as Linux OS, Raspberry pi, Git-Lab. There is also a Linux Installation session in which we give detail information about dual booting and operating system with hands on session. This is one day event.
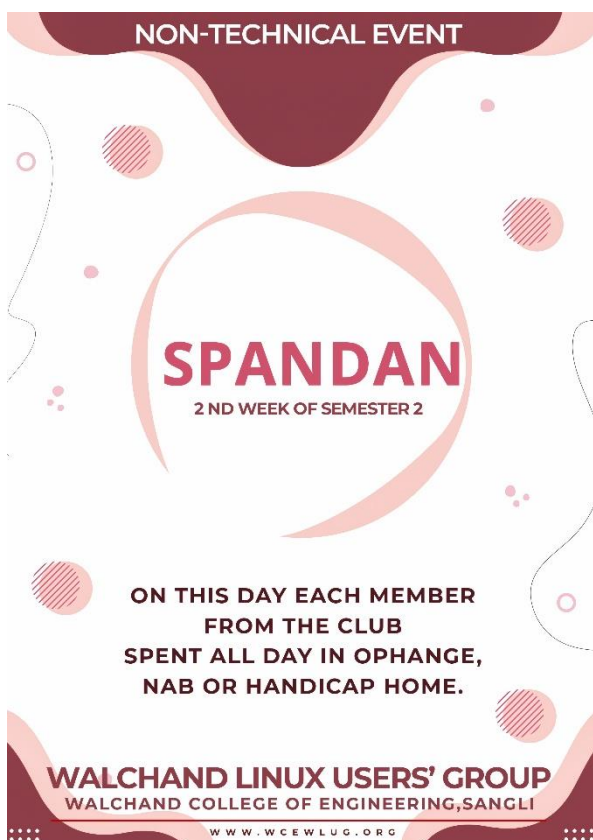
3. Metamorphosis

Objective:

To increase depth of knowledge in trending technologies like Python, Shell and Docker by delivering contents in a workshop. This is also beneficial to students to develop communication, presentation, management skills.

This is the first mega-event of Walchand Linux Users' Group which is going to held in October 2019. It is divided into three parts i.e. Python, Shell and Docker. The motto behind event is to make students of Walchand College as well as students of other colleges to gain detailed and practical knowledge about these most important technologies. These workshops mainly consist of hands-on for every participate.

4. Spandan

Objective:

To interact and understand the world with eyes of special children, also encourage each other's with what we have special within us.

This is a two days social event conducted by WLUG for special students. In this event we visit NAB, orphanage and government home for special Childs. We spend good time with them and try to make their day more delightful and give them touch of technologies. Such events are organised to motivate more students to contribute in social work.

The students spend a little over three hours with the children of both Handicap House and NAB House before saying goodbye to them. This is very satisfying experience for the students as they can bring smiles on children's face however for a brief period. From this social activity, we could realize that one must contribute and understand his/her social responsibilities towards society.

5. Techno-tweet

Objective:

To provide detail knowledge about domains like Android Application Development and Website development. This builds presentation, communication and management skills among the students.

This is the second mega-event of Walchand Linux Users' Group which is going to held in March 2020.It is divided into two parts i.e. Web Development and Android application development. These workshop helps students to gain thorough knowledge as well as practical experience in field of Web and Android
Development. We are updating topics in these workshops yearly according to the importance of necessities of Industry.

6. Linux-Dairy

Objective:

To increase the depth of knowledge about Linux. This also beneficial to students to develop communication, presentation, management skills.

This is the four days webinar series organized by 'Walchand Linux Users' Group' (WLUG) on fundamental of Linux. This series was open to all and is organized to make club active in Covid-19 pandemic situation.

7. Webinar-Deck

Objective:

To enhance the knowledge in Image processing, deep learning, Cryptography and Network security

This National level webinar series was organised by WLUG (Walchand Linux Users' Group) in association with JLUG (Jabalpur Linux Users' Group).

8. Weekly Club Services

Objective:

To spread the knowledge about various open source technologies to WCE students.

WLUG conducts club service on every Thursday. We organise total 18+ club services for all UG students. The Club Service topics are based on latest open source technologies. Due to this pandemic situation platform for club service: Google meet.

Some of the club service topics are Linus Torvalds Inventions, Editors and basic Linux Commands, Hacking (Metasploit), Virtualization, Containerization, Word-press, Big Data, Cyber security, networking, etc. Club Services are followed by brain storming Aptitude questions based on technical and non-technical part which really helps for aptitude preparation.

Year 2016-17

List of events:

Event	Schedule	Topics	No of participents
GIM	11 th August 2016	Hacking Session	75
Open Source Day	4th September 2016	Introduction to Open Source, Ubuntu Installation	90
Metamorphosis	15th &16th October 2016	Python ,UCK Bash Shell	293
Spandan	Last week of January 2017	-	30
Techno-Tweet	18th & 19th March 2017	Web development Android development	180

Glimpses of 2k16-2k17:

Inauguration

Participants

Prize distribution

Participants

Year 2017-18:

List of events:

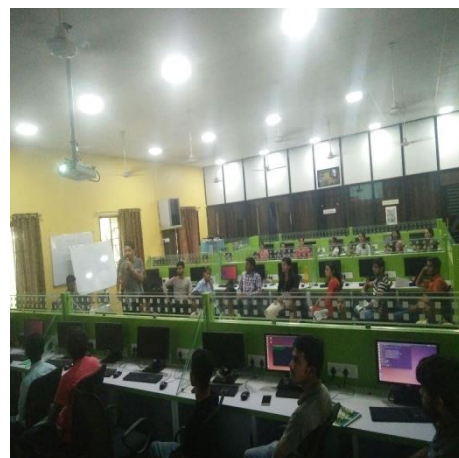| Event	Schedule	Topics	No of participents
GIM	9th August 2017	Hacking Session	80
Open Source Day	3rd September 2017	Introduction to Open Source, Arduino, LibreCAD, GitHUB, Ubuntu Installation	100
Metamorphosis	1st &2nd October 2017	Python Programming Shell Scripting Docker	161
Spandan	Last week January 2018	-	30
Techno-Tweet	10th & 11th March 2018	Web Development Android Development	165

Some captured moments:

Inauguration

Participants

Participants

Participants

Year 2018-19:

List of events:

Event	Schedule	Topics covered	No of participents
GIM	8th August 2018	Demo Hacking Debate	100
Open Source Day	23th August 2018	Raspberry pi Libre CAD Blockchain	80
Metamorphosis	6th & 7th October 2018	Python, Shell Docker	177
Spandan	20th January 2019	-	30
Techno-Tweet	16th & 17th March 2019	Web development Android development	165

Some capture moments:

Inauguration

Participants

Year 2019-20:

List of events:

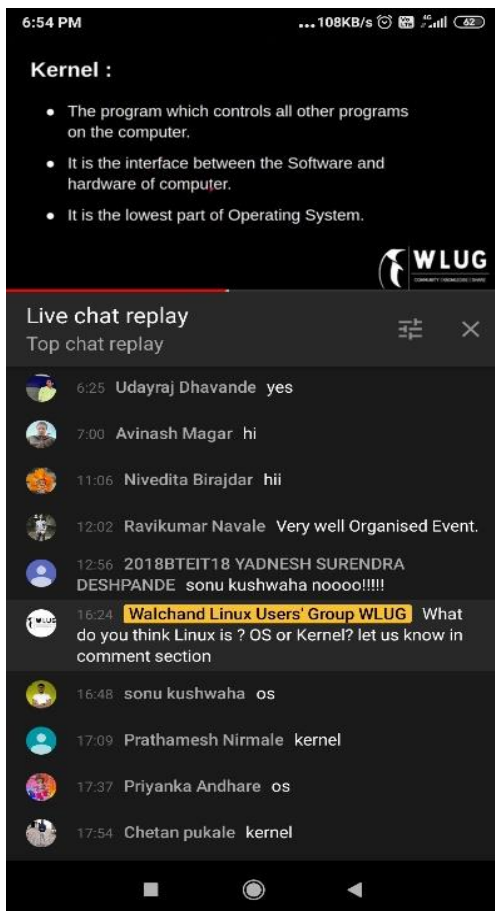| Event	Schedule	Topics covered	No of participents
GIM	14th August 2019	Demo Hacking Debate	120
Open Source Day	19th January 2020	Raspberry pi Git and GitLab Ubuntu installation	80
Metamorphosis	19th & 20th October 2019	Python Shell Docker	190
Spandan	20th January 2020	-	30

Some captured moments:
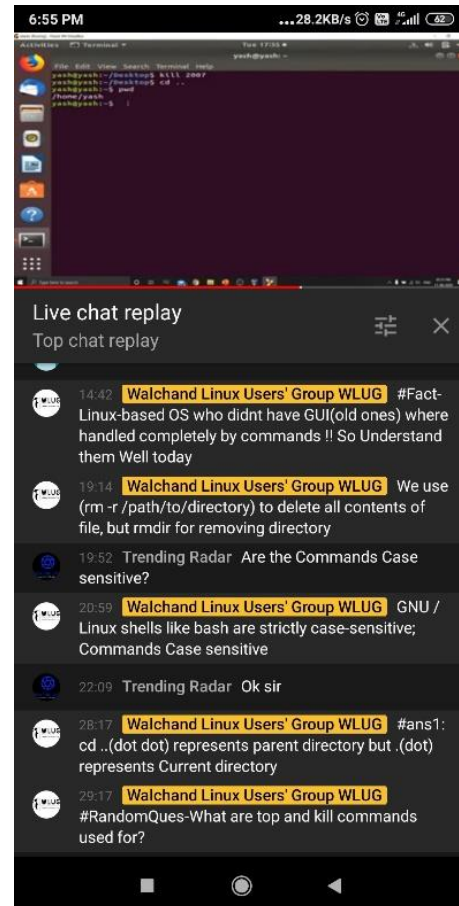

Spandan

Participants

Inauguration

Year 2020-21:

List of events:

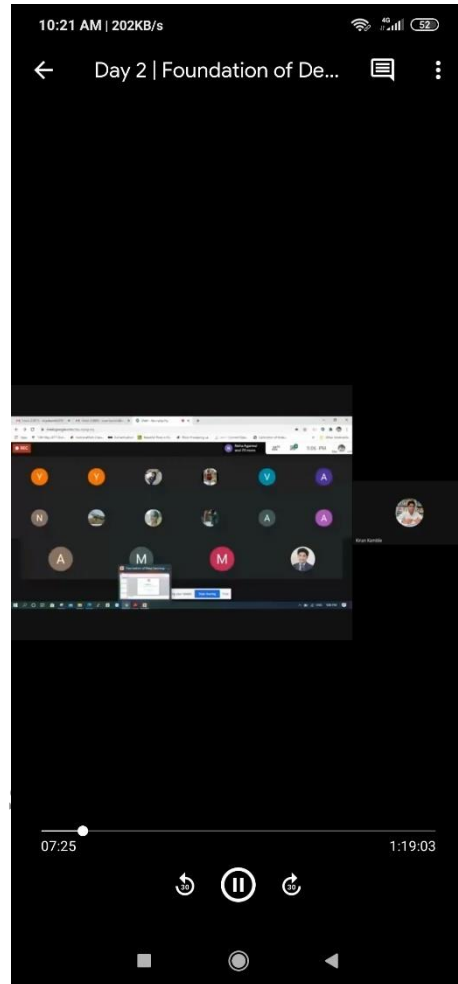| Event	Schedule	Topics covered	No of Participants
Linux Diary 1.0	10th to 13th August 2020	Basic and advance Linux commands	746
Webinar Deck	18th to 20th September 2020	Image processing Foundation of deep learning Cryptography and Network Security	439
Metamorphosis	28th & 29th November 2020	Docker Blockchain	200

Some screenshot\s:

Screenshot of Linux Diary 1.0

Screenshot of Linux Diary 1.0

Winners of Metamorphosis 2020

Screenshot of Webinar Deck 2020

Contact us:

Visit: http://www.wcewlug.org/

Sangli, Maharashtra

+91 9307786821

wce.wlugclub@gmail.com