



SAINTGITS

OPEN SOURCE CLUB

HUB PARTNER OF FOSSASIA SUMMIT 2021

OPEN SOURCE @ SAINTGITS



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Saintgits College of Engineering, Kottayam, Kerala, India



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Saintgits College of Engineering(Autonomous)

Premier Autonomous Educational Institution from God's Own Country (KERALA)

SAINTGITS is the only unaided institution in Kerala with 7 NBA accredited programmes.

An Institution with a dynamic & vibrant student community, open to explore the Horizons
of Technology



Department of Computer Science & Engineering



HYPERLEDGER
ASSOCIATE MEMBER



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Inception of Open Source Club


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SAINTGITS
COLLEGE OF ENGINEERING (AUTONOMOUS)
KOTTAYAM, KERALA
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INAUGURATION OF THE
OPEN SOURCE CLUB
06 Jan 2021 , 09:30 AM (IST)

Inauguration by
Mr. David Boswell
Director of Ecosystem
Linux Foundation



Session by
Mr. Mario Behling
Co-Founder of FOSSASIA



Contact :
Er. Jacob P Cherian
Faculty Coordinator
8281340483
Er. Ria Mathews
Faculty Co-Coordinator
9447129088

Meeting Details (Zoom)
Meet ID : 978 8560 1007
Pass Code : OPENSOURCE



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The Open Source Club of Saintgits College of Engineering, was inaugurated by David Boswell from The Linux Foundation



Objectives of the Open Source Club

To foster the open source culture among the faculty and students.

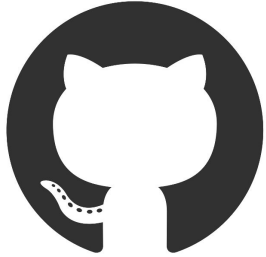
To be a center of open source knowledge sharing and upskilling the student community

To promote the use of open source tools and software among the general public.



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Activities of the Open Source Club



**Github Training,
Code
Contribution**



**Working on Open
Source Projects**



**Upskilling the
Student
Community**



**Open Source
Festival /
Summits**



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Open Source Culture at SAINTGITS

SAINTGITS BLOCKCHAIN CLUB

SAINTGITS AI CLUB

CYBER SECURITY CLUB

CODE @ SAINTGITS

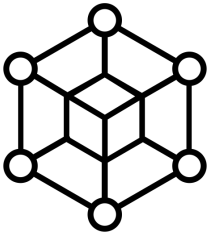
THE OPEN SOURCE CLUB



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Open Source in Blockchain

To grow and propel the developer student community by encouraging contributions to codebase



Giving access to Mentors, Study Circles, Knowledge Packs

Technical Talks & Panel Discussions to encourage students to be a part of the growing ecosystem



Open Source in Blockchain

Encourage the formation of Special Interest Groups and Contribute to Documentation in regional languages
(<https://github.com/hyperledger/fabric-docs-i18n>)

Upskilling the next generation developer community (Trainings,Idea Pitching,Hackathons) and Encouraging to take up Research

Faculty Development Programmes,Mentorship Programs



Open Source in Coding

Support and train students to crack various Hackathons and Ideathons.

Hackathons / Ideathons

Offer Coding assistance and practice sessions for students





Open Source in AI



Hands-on Trainings / Workshops on Python, R Programming



Student Projects Done Using Keras / Tensorflow

Faculty Development Programmes on AI, Machine Learning using Open Source Tools



Open Source in AI

Idea Presentation, Promoting Technical & Presentation Skills , Ideas from Student Community

Faculty Webinar Series & Talks on Open Source Tools in AI & Machine Learning

Hands-on Open Source Tools Installation for Deep Learning



Open Source in Cyber Security

Hands-on Trainings / Workshops on Open Source Tools for Penetration Testing



Workshops on Open Source Tools for Packet Capture & Analysis

Faculty Development Programmes on Cyber Security- Open Source Tools



Open Source Projects

**IRIS - NOVEL BLIND FRIENDLY KITCHEN
(PATENT FILED)**

**COVID TRACKER
(PATENT FILED)**

**DECENTRALIZED SOLUTION TO PROVIDE
TRANSPARENCY FOR CHARITIES,
DONORS & BENEFICIARIES**



Open Source Projects

BLOCK-FQ
A BLOCKCHAIN BASED FOOD QUALITY
ASSURANCE SYSTEM

A TRANSPARENT & SECURE SOLUTION
FOR DIRECT MARKETING IN
AGRICULTURE

MEDCHAIN
BLOCKCHAIN FOR SECURING PERSONAL
HEALTH RECORDS



Open Source Projects

GVARDIO- INDUSTRY BASED DATA SECURITY
USING RUBIK'S CUBE ENCRYPTION ALGORITHM

CYBER CRIME IDENTIFICATION, DETECTION AND
CLASSIFICATION USING MACHINE LEARNING



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Project Gallery



COVID TRACKER - to track the COVID affected patients in the specified locality.



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Project Gallery



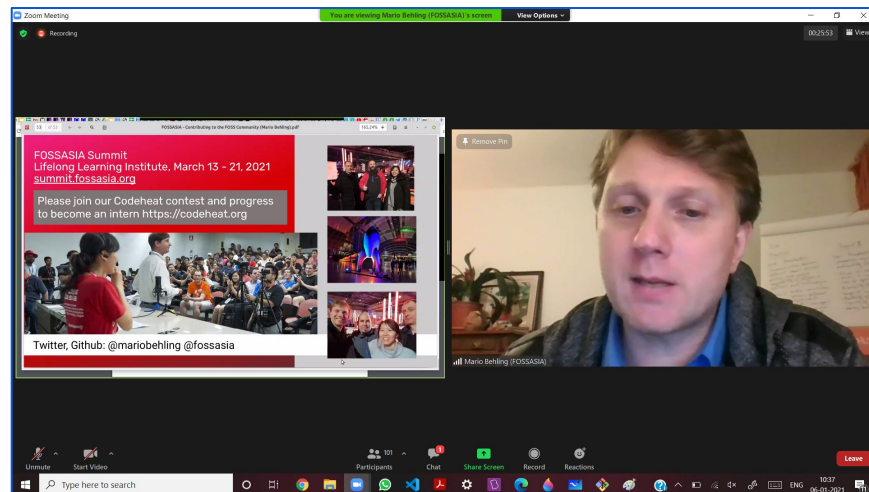
MOZHI - an aid for people with partial speech impairment

GLIMPSE OF SAINTGITS OPEN SOURCE CULTURE



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Inauguration of the Open Source Club



1. Inauguration of the Open Source Club by David Boswell, Director of Ecosystems ,The Linux Foundation
2. Keynote Address by Mario Behling, Co-Founder FOSSASIA



Monthly Webinar Series

SAINTGITS
COLLEGE OF ENGINEERING
KOTTAYAM, KERALA
Department of Computer Science and Engineering

Walk with Techie - Webinar Series Episode 1
Algorithmic Theory and Programming Languages -Stream
Topic : Microservices and Docker
25.7.2020 | 7pm-8pm

Contact:
Er.Sindhu M
sindhu.m@saintgits.org
Er.Ria Mathews
ria.mathews@saintgits.org

Speaker : **Er.Abraham Jaison**
CSE 2010-14 Batch
Systems Engineer
TCS, Toronto Canada

Google Meet
Link : <https://meet.google.com/psi-pzkk-tsa>

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KOTTAYAM, KERALA
Department of Computer Science and Engineering

SAINTGITS WEBINAR

Contact:
Er.Sindhu M
sindhu.m@saintgits.org
Er.Ria Mathews
ria.mathews@saintgits.org

IN ASSOCIATION WITH
SAINTGITS IEDC & SCIE

Walk with Techie - Webinar Series Episode 2
Algorithmic Theory and Programming Languages -Stream
Topic : Our Journey to Entrepreneurship
22.8.2020 | 7pm-8pm

Google Meet
Link : <https://meet.google.com/psi-pzkk-tsa>

Speaker : **Mr. Sarun Stani**
(CSE 2008-2012 Batch)
Founder & CEO
Rezpo Marketing, Eventalog

Speaker : **Ms. Jinu Sebastian**
Founder & CEO
Noaxim Technologies Pvt Ltd

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“Walk With Techie”: Webinar Series , Spreading Open Source Knowledge / Upskilling



Associating with Hyperledger



Hyperledger Asia Pacific - Online Certification Study Circle

Weekly Sync-ups - 2 Months Study Circle



Organised by Hyperledger India Chapter
in association
with
Saintgits College of Engineering

August 01,2020 "Hyperledger Frameworks"

1400 IST | 1630 CST | 1730 JST | 1830 AEST | 1400 GST



HYPERLEDGER

BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

10 JUNE 2020, WED
6:00 PM to 7:30 PM (IST)

Introduction to Hyperledger Fabric

with

MR. SANTHOSH K THOMAS
Project Manager, IBM
(Blockchain Architect)

Hyperledger Working Groups & SIGs

with

MR. VIPIN BHARATHAN
Principal Consultant - dlt.nyc,
Chair of the Hyperledger Identity Working Group

Organized by Hyperledger Kerala.
In association with Saintgits College of Engineering
and Kerala Blockchain Academy.



The meetup would be conducted in Malayalam
Register at <https://www.meetup.com/Hyperledger-Kerala>



1. Two-Month weekly sync up targeting non-technical business oriented audience & students
2. A Meetup for student community who are new to Hyperledger and Blockchain space



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Associating with Hyperledger

HYPERLEDGER
INDIA CHAPTER

IN ASSOCIATION WITH
SAINTGITS COLLEGE OF ENGINEERING

MEET THE EXCEPTIONAL
WOMEN IN BLOCKCHAIN
A PANEL DISCUSSION - WITH THE MYTH BREAKERS

N.S. NAPPINAI
Advocate Supreme Court of India
Founder-Cyber Saathi

SHALINI WARRIAR
Executive Director
Federal Bank

Dr. JANE THOMASON
Co-Founder & Chief Inspiration
Officer, Fintech.TV

DARSHITHA GILLIES
CEO Maanich - Advisory,
Impact Investor, Philanthropist

SOSU ALEX
Blockchain Technical Architect
Tata Consultancy Services

August 1 2020 , 2:00 PM IST | 06:30 PM AEST | 9:30 AM BST

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

Register Now

HYPERLEDGER in ASIA PACIFIC
PRESENTS
HYPERHACK 2021
CO-ORGANIZED BY
HYPERLEDGER INDIA CHAPTER
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Propose By: 21 March '21
Finalist: 29 March '21
Finals: 03 April '21
Winners: 05 April '21

Separate Student Submissions, Results & Prizes

Register your team to Start Hacking!

Register >> Proposal Submission >> Jury Evaluation >> HYPERHACK >> Final Result


Register Here > <https://forms.gle/3HTqUUTqr2rs1VXA9>
<https://wiki.hyperledger.org/display/HIRC/HYPERHACK-2021>

1. A Panel Discussion to bring the community of women dedicated to advancing Blockchain & STEM technologies to the forefront.
2. Hyperhack, co-organized by Saintgits College of Engineering & Social Impact Special Impact Group



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Open Source in AI


 **SAINTGITS**
COLLEGE OF ENGINEERING
(AUTONOMOUS) #SAINTGITS WORKSHOP

**SAINTGITS INSTITUTE OF
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING**



JOIN HANDS WITH **SAINTGITS AI CLUB** TO HOST
FACULTY WORKSHOP ON
**DEEP LEARNING USING
TENSORFLOW AND KERAS**
3 PM to 5 PM on 14, 21 and 28 November 2020

Session 1 - Introduction to Machine Learning and Deep Learning using TensorFlow and Keras by Dr. Santhosh P Mathew
Session 2 - Deep Learning Concepts and Applications using TensorFlow and Keras (Part 1) by Mr. Nithin Prince John
Session 3 - Deep Learning Concepts and Applications using TensorFlow and Keras (Part 2) by Mr. Nithin Prince John

REGISTER NOW!
<https://forms.gle/qpcv25m7hrz3wpp57> | **Mr. Nithin Prince John**
nithin.pj@saintgits.org | +91 6238619564

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In association with NIQR Saintgits Students Chapter and AI Club

AI QUIZ

"Despite all the hype and excitement about AI, it's still extremely limited today relative to what human intelligence is!!"

Open to all Engineering Students.

REGISTRATION IS FREE !!!

Contact
Student In charge
Ashwin Sabu : 7902923815
Dilna Skaria : 7909137570

Staff In charge
Nithin Prince John : 9446297559
Veena A. Kumar : 9946259888

PRIZE
FIRST -3K
SECOND -2K
THIRD -1K

Sponsored by NIQR TVM Branch
Event on 27/02/2021
Registration open until 26/02/2021
Register @ <https://forms.gle/uzEx5Wt9FzyZ5xm17>

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1. Workshop on Deep Learning Using Tensorflow & Keras
2. National Level AI Quiz Competition



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Open Source in Cyber Security



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COLLEGE OF ENGINEERING (AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE

CYBER SECURITY CLUB
in association with
COMPUTER SOCIETY OF INDIA
presents
LIVE WEBINAR

CYBER AWARENESS

On: 14/02/2021, Sunday
6 pm - 7 pm



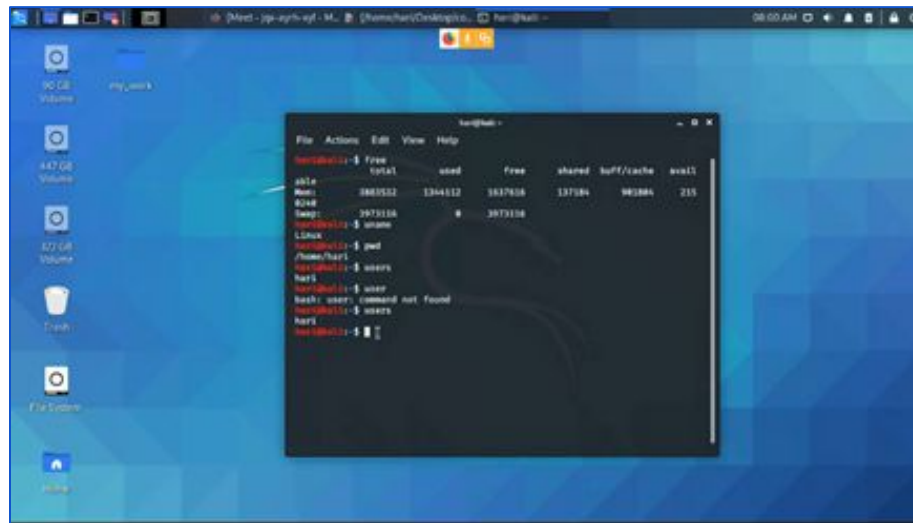
E-certificates will be provided

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Bijumon E S
Additional Superintendent of
Police, Hi-Tech Crime Cell,
Kerala State

For info: **Dr. ARUN MADHU:**9745538339
Mr. JEFF THOMAS: 9562850747



1. Webinar on Cyber Awareness by Bijumon E S, Additional Superintendent of Police, Hi-Tech Crime Cell
2. Hands-on Workshop on Kali Linux




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National Level Hackathon, 24 Hour Capture the Flag Contest, in association with bugsbounty.com & National Cyber Safety and Security Standards.



Open Source in Coding




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CODE@Saintgits

Presents
WEBINAR ON
WEB DEVELOPMENT FOR BEGINNERS

19-11-2020 | 03:00 PM - 4:00 PM



Speaker
Er. JUSTIN MATHEW
Assistant Professor,
Department of Computer Science and Engineering,
Saintgits College of Engineering.




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#SAINTGITS WEBINAR



REGISTRATION LINK
webinar.saintgits.org/web
NO REGISTRATION FEE

E-certificates will be provided for all participants

Contact:
Er. Nisha Joseph
Webinar Coordinator
98472 23135

www.saintgits.org



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
IN ASSOCIATION WITH EXCEL





CODE <T> COMBS

PRIZES WORTH 10 K

HACKATHON BY
CODE@SAINTGITS

ON DEC 5

CONTACT
B NAVEEN 9645552827
Kelin Kennedy 89218 64833

1. Web Development for Beginners - Open Source Web Development Tools
2. Hackathon - Unleashing the Coding Genius in Students



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Community Contribution



1. Upskilling the Next Generation, JYOTHIRGAMAYA
2. Providing Training to School Students-Introducing Open Source Tools for Education



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Community Contribution

AICTE SPONSORED 2 WEEKS ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
IoT APPLICATIONS WITH BLOCKCHAIN TECHNIQUES

ORGANIZED BY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
MAHENDRA ENGINEERING COLLEGE (AUTONOMOUS)
MALLASAMUDRAM, NAMAKKAL DT., TAMILNADU, INDIA.

CONVENOR
Dr. M. KANNAN, HOD-CSE

SLOT 1
FDP SERIES
19th Feb'2021 - 4th Mar'2021


DAY / SESSION	DATE	SESSION - TITLE	RESOURCE PERSON
Day 11 Session 21 (FN)	Mar 2021 01st Monday	BIOT	 Dr. Jubilant J. Kizhakkethottam, Professor and Blockchain Head, Saintgits College of Engineering, Kottayam.


SREE BUDDHA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

in association with

A Practical Approach
to
Build
a
Successful
Machine Learning Project

Dec 18
7:00 pm
to
8:30 pm


Mr. Nithin Prince John
Assistant Professor, Dept. of CSE
Saintgits College of Engineering, Kottayam

Register at <https://bit.ly/3qRknB7> or scan 

Faculty Contributions - Spreading the Open Source Knowledge to the Community



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We are OPEN for Collaboration!

AI Team
ai@saintgits.org

Blockchain Team
blockchain@saintgits.org

Cyber Security Team
cybersecurity@saintgits.org

Coding Team
code@saintgits.org

Spread the Open Source Love!

Feel Free to Contact



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opensource@saintgits.org