

PIXELS

News letter



Department of Computer Science and Engineering

National Technology Day Celebrations at SNGIST

Role of Space Technology in National Development

Date: 11-05-2021 | Time: 10.00 am | Via: Google Meet

Chief Guest



Dr. P. V. VENKITAKRISHNAN
Distinguished Scientist,
Director, CBPO, ISRO HQ.

ISRO
Performance
Excellence Award
winner

National
Metalsurgical Award
2015 from Govt.
of India

Inauguration



Dr. M. Shivanandan
Chairman (SNGIST)

Welcome



Dr. C. P. Sunil Kumar FIE
Principal (SNGIST)

Felicitation



Prof. K. S. Pradeep
Manager (SNGIST)



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On 11 May 2021, Kerala Startup Mission along with TIE Kerala for promoting Entrepreneurship & Innovation celebrated the National Technology Day based on "Virtual Technology Conclave" at 11 AM through Google Meet platform. Students from S6 B. Tech (2018-2022 Batch) and S4 B. Tech (2019-2023 Batch) CSE and Prof. Anju Raveendran, HoD(CSE) attended the session.



On 11 May 2021, SNGIST celebrated National Technology Day, on which the Role of Space Technology in National Development was discussed. The session was handled by Dr. P. V. Venkitakrishnan, Distinguished Scientist, Director, CBPO, ISRO HQ. The ceremony commenced with a welcome address by Prof. Dr. C. P. Sunil Kumar FIE, Principal. Dr. M. Shivanandan, Chairman inaugurated the programme. Prof. K. S. Pradeep, Manager gave the felicitation. The students from S8 CSE and faculty participated in the Webinar.



»»»»»»»» ADMISSION ACTIVITY

After 10th, what next?

WEBINAR

Prospects & Benefits of undergoing
Diploma Course
(in Polytechnic College) after 10th Std.

Date: 29-5-2021 (Saturday) | Time: 7.00 pm | Google Meet



Dr. M. Sivanandan
Chairman (SNGIST)

Programme
lead by



Dr. C. P. Sunil Kumar FIE
Principal (SNGIST)

Google Meet Link: <https://meet.google.com/pez-muck-sqx>



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The Department of Computer Science and Engineering organized a Webinar based on "Prospects and Benefits of undergoing Diploma Course (in Polytechnic College) after 10th Std on 29 May 2021 through Google Meet platform. The consecutive sessions were handled by Dr. M. Sivanandan, Chairman and Prof. Dr. C. P. Sunil Kumar FIE, Principal. The participants were welcomed by Prof. Anju Raveendran, HoD (CSE). The event was held exclusively for students who completed 10th class during the academic year 2020-2021 and the resource persons detailed the benefits and career opportunities of doing Diploma courses immediately after 10th. After the sessions, Prof. Gayathri Dili proposed vote of thanks.

On 28 May 2021, Department of Computer Science and Engineering organized a Webinar for S8 CSE students (2017-2021 Batch) on the topic "Facing Interview : Programatic Approach". The session was handled by Prof. Dr. C. P. Sunil Kumar FIE, Principal, SNGIST. It was an informative session exposing preparatory measures and techniques to the students in successfully performing their best in the interviews

WEBINAR

For S8 CSE students

Facing Interview:
Pragmatic Approach

Date: Friday, 28th May 2021 | Time: 11.00 am | Google Meet

Resource Person



Prof. Dr. C. P. Sunil Kumar FIE
Principal, SNGIST



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WORKSHOP



Prof. Anju Raveendran, Head of CSE Department attended a Webinar on "AWS Migration Online Day " on 28 May 2021 organized by Amazon Web Service.



Ms. Reshmi G Nair , Associate professor of CSE Department participated one day Faculty Development Programme titled "Art of Writing Research paper & Proposals" organised by the Department of Mechanical Engineering, Christ College of Engineering, Irinjalakuda on 29th May 2021

PROUD MOMENT



The Faculty and students of CSE Department wholeheartedly congratulated JITHIN JOSHI (S6 CSE 2018-2022) for securing Second prize in the Web Designing organized by Department of Computer Science and Engineering of M. Dasan Institute of Technology ,Kozhikod in association with ASCEND brings virtual tech fest TECXEON_2021 on 26 May 2021.

PLACEMENTS



Rahul Krishna
Jr. UI/UX Designer
Creative Dreams Design
2016-2020



Shilpa PS
Software Developer
Infintor Solutions
2016-2020



Megha K B
Taski Technologies
2016-2020

STUDENT WEBINAR

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

presents

STUDENT WEBINAR



ADITH K. D.
S8 CSE
BATCH 2017-2021

TOPIC Machine Learning for Web Vulnerability Detection : The case of Cross Site Request Forgery

ON 22 MAY 2021 @ 4 PM

"Machine Learning for Web Vulnerability Detection :The case of Cross Site Request Forgery"

The Department of Computer Science and Engineering organized a Student Webinar on the topic "Machine Learning for Web Vulnerability Detection: The Case of Cross Site Request Forgery" at 4 PM on 22 May 2021 through Google Meet platform. The session was handled by Adith K. D., 2017-2021 batch B. Tech student of CSE Department. He proposed a methodology to leverage Machine Learning for the detection of web application vulnerabilities. The students from fourth, sixth and eighth semesters of B. Tech and faculty of CSE department of SNGIST Group Institutions were the participants.

"Crypto Art : Beginning of a New Era of Design"



LEENU MOHAN (S6 CSE 2018-2022)

With Bitcoin's arrival, a lot of things started to change beyond finance and technology. For instance, it changed the vision of art and the artistic world has got a grip of this technology, turning it into a new era of design.

What is crypto art?

Crypto art is digital art that is treated like physical art due to the ability to have verified ownership of the piece. Just like an original painting signed by Picasso can have its authenticity and ownership authenticated, crypto art can be verified in the same way using an Non-Fungible Token (NFT).

An NFT is a special token that represents a unique ID that is linked to a piece of crypto art that cannot be replicated and is used to verify ownership of a piece. You can attach it to anything: a JPEG, GIF, MP4, even music. This token that proves ownership of the 'original' file is stored on the Blockchain which is a permanent ledger that can be accessed from any computer over the world.

How does it work?

Let's consider blockchain as a massive master copy of a spreadsheet to which anyone can add a row of information, such as the unique ID of an NFT that is attached to a piece of crypto art. The blockchain can verify proof of ownership of a digital asset by checking it against this spreadsheet. This spreadsheet is the thing that makes it impossible to falsify the information, because all computers check this spreadsheet against each other to verify what is original or a fake.

Think of this another way: In order to verify the authenticity of a Picasso, you need a fine art expert that understands the history of the piece from collector to collector. In the crypto world, the blockchain is kind of like the fine art expert. Crypto art lives on its own blockchain called the Ethereum blockchain.

Benefits of making & selling crypto art

Creating personal work is always a good thing, whether it's for the purpose of crypto-arting it or not. It allows you to try out new software, hone skills, and experiment.

The crypto art is valuable because it is not reproducible due to the NFT. Another component is the simple fact that people place value on it. In crypto art land, its value is placed on pixels by collectors. Some collectors buy crypto art purely for spectating, but others buy the work because they want to support the artist.

One of the best parts about selling crypto art is that the artist always retains copyright and gets royalties from each sale on the secondary market. Crypto art almost acts like an investment. The Crypto art has a history of appreciating in value each year, on average of around 7% increase per year.

Environmental Impacts

Crypto art lives on the Ethereum blockchain and the current model is pretty harmful to the environment. When you create crypto art you contribute to that energy consumption. Crypto mining, the process of creating cryptocurrency, involves a network of machines that release CO2, putting it at the heart of the ecological debate. According to Digiconomist, a platform that reflects on digital trends from an economic point of view, bitcoin mining generates 38 million tonnes of CO2 per year.

Future Scope

There is work being done to get the Ethereum blockchain to a much more sustainable path, called Ethereum 2.0, that would supposedly reduce energy consumption by 99%, according to Ethereum.org. Technological advances are inevitable. So in this case, it's better to embrace it than be against it.

In reality, no one can be certain whether blockchain will become an important aspect in digital art, but for now, crypto art is fairly new and an exciting medium for creative people to explore.