



# UNZIPPED



TECHNOLOGY FOR 404

Publication of CSE Department



M-DIT Kozhikode

TecXeon 2k21

*Tech Trends*

and lot more

**ASCEND**

Association of Computer Science & Engineering in M-DIT





# ABOUT INSTITUTE

*M Dasan Institute of Technology (M-DIT) KOZHICODE was established in 2012-13., with a total of seven academic departments. The technology institute was named after the late dynamic visionary Shri M.Dasan, former Member of Kerala Legislative Assembly. The programs offered at M-DIT extend beyond the horizon of engineering and also cover the key aspects of management. The college is approved by the All India Council for Technical Education, New Delhi and affiliated to the APJ Abdul Kalam Technological University (KTU).*

## VISION

*To be a center of excellence in the nation in quality education and innovative research that can create a better tomorrow.*

## MISSION

- **M1:** *To provide high quality education through a creative balance of in house, academic, professional and extracurricular programs;*
- **M2:** *To contribute to the nation's technological and engineering base through innovation in education, research and transfer of concepts and results;*
- **M3:** *To maintain a diverse, collegial, open and supportive environment that encourages discovery, creativity and professional developments..*



# ABOUT DEPARTMENT

*The department of Computer Science and Engineering was established in the year 2012 with an intake of 60 students for the undergraduate programme. The department of Computer Science & Engineering also has PG programme, M Tech (CSE) established in 2014 with an intake of 24. Department of Computer Science and Engineering strives to shape outstanding computer professionals with ethical and human values to reshape nation's destiny. The training imparted aims to prepare young minds for the challenging opportunities in the IT industry with a global awareness, nourished and supported by experts in the field. The department is equipped with state-of-the-art infrastructure, modern facilities, expert faculty, promising students and above all a serene environment conducive to engineering studies.*

*The department has well experienced and highly qualified faculty members and most of them are doing their research works in latest areas of Computer Science and Engineering. All faculties participate in various workshops and seminars to keep themselves updated with the latest technology.*



# VISION

*A leader in the Computer Science and Engineering program to bring out globally competent graduates committed to the welfare of the community and the nation.*

# MISSION

- **M1:** Build up competencies in Computer Science and Engineering graduates through innovative teaching and learning processes
- **M2:** Impart team spirit through assignment of professional responsibilities on competitive basis
- **M3:** Strengthen awareness of environmental protection through capstone design projects associated with the syllabus
- **M4:** Advance innovative research and lifelong learning in Computer Science and Engineering to serve the needs of the community, industry, and the government.

# PROGRAM EDUCATIONAL OBJECTIVES (PEO'S)

- **PEO1:** The CS graduates will be experts in Computer Science so that they will have the ability to solve hardware and software engineering problems through an understanding of computing knowledge
- **PEO2:** Graduates will have developed an understanding of the importance of professional excellence through continued research and lifelong learning
- **PEO3:** Develop and demonstrate creative ability in engineering practices and entrepreneurship and collaborative and eco- friendly ventures
- **PEO4:** They will develop the expertise in effective communication and solving down-to-earth engineering problems encountered by the community based strong ethical sense.

# PROGRAM SPECIFIC OBJECTIVES (PSO'S)

- **PSO1:** Ability to tackle the basic problems of computing with different programming languages and to design , develop application software according to the need of the society.
- **PSO2:** Enhancing the capabilities of students to face the challenges in the core area and to develop a framework to identify the research gaps.



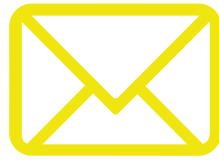
# MESSAGES



M.MEHABOOB  
CHAIRMAN

## CHAIRMAN'S MESSAGE

*"I am proud that the Computer Science & Engineering Department of M-DIT is releasing their magazine. I hope this magazine would provide a platform for the students to exhibit their talent and potential to the panorama of literature. Congratulate all the students and staff members who took effort, especially the editorial board on this remarkable accomplishment, and wish you the very best for the future."*



# MESSAGES

## PRINCIPAL'S MESSAGE



Dr. P M MAHEESAN  
PRINCIPAL

*"It is a matter of great pride and satisfaction to witness the release of one more edition of magazine from the Department of Computer Science & Engineering. I am confident that this issue will also enlight all the stakeholders of computer science engineering with updated knowledge in the field. I congratulate the whole of editorial board who have paid a tireless work to bring out this edition on time."*





# MESSAGES



Ms. NITHYA V P  
HOD,  
CSE DEPT.

## HOD'S MESSAGE

*"It gives me great pleasure to present the magazine "Unzipped" for the year 2021 which highlights the academic and non-academic activities of both faculties and students of our Computer Science and Engineering Department. I take great honor in congratulating the students and faculties who have contributed for the current year's magazine. This is one of the best platforms for our students to present multifaceted personalities and innovative ideas. "Unzipped" is a collection of technical activities, department events, placement progress, achievements, articles, artwork, photo gallery, etc. Reading this magazine would definitely be an inspiration and motivation for all students and staff to contribute even more to the upcoming issues."*

# editorial board



**Faculty Incharge**  
Ms. Manjusha M S



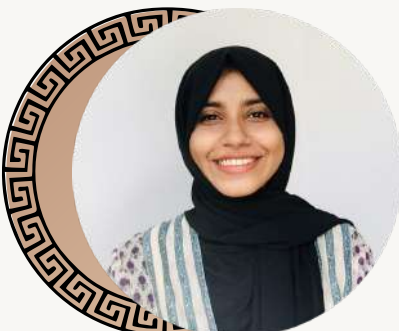
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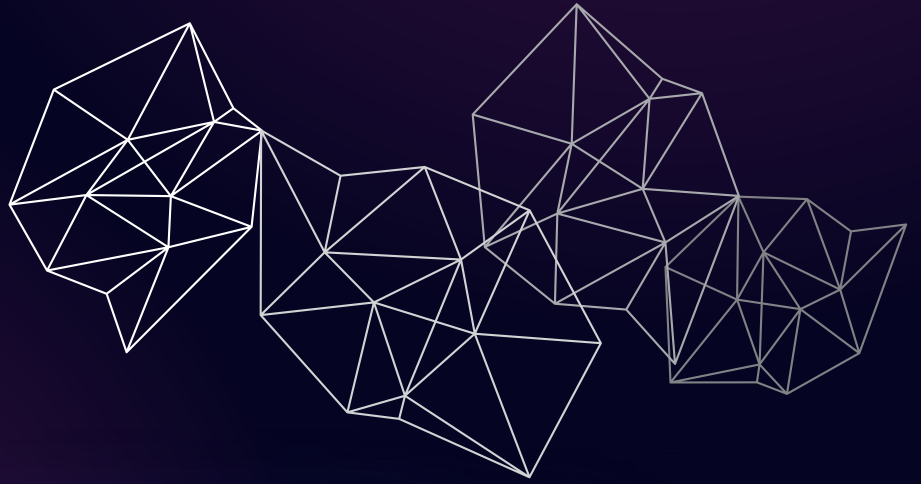
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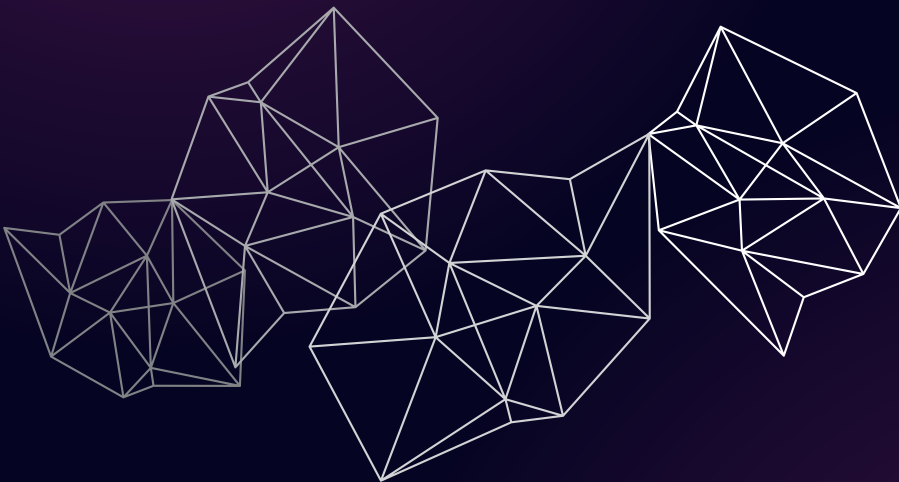
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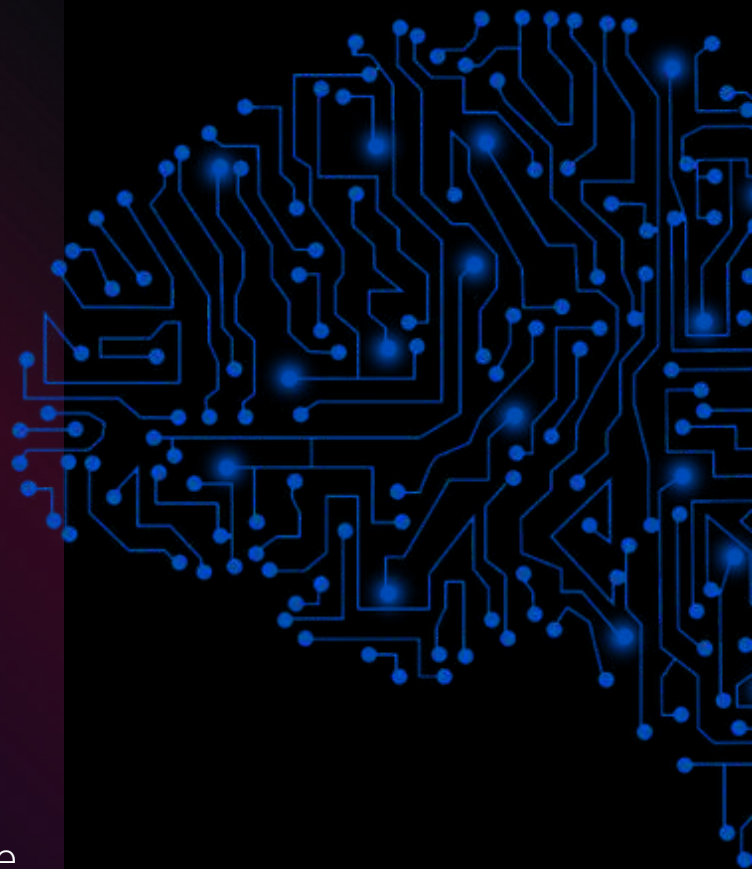
# TECH TRENDS



# ARTIFICIAL INTELLIGENCE TOWARDS THE FUTURE

Artificial Intelligence is impacting every human being and every industry. It has acted as the main tool of emerging technologies like big data, robotics and IoT.

And AI is important because it enables human capabilities – understanding, reasoning, planning, communication and perception – to be undertaken by software increasingly effectively, efficiently and at low cost. There is no implicit good or bad to AI it will simply respond with results that are derived completely by its learning. Even in cases where AI has no safety impact it may still create an ethical and moral dilemma by perpetuating unsustainable behaviours and points of view.



# ROBOTIC PROCESS AUTOMATION


## WHAT IS RPA?

Robotic process automation (RPA) is a technology that mimics the way humans interact with software to perform high-volume, repeatable tasks. And it creates software programs or bots that can log into applications, enter data, calculate and complete tasks, and copy data between applications or workflow as required.

When combined with AI and machine learning, RPA can capture more context from the content it is working with by reading text or handwriting with optical character recognition (OCR), extracting entities like names, invoice terms or addresses using natural language processing (NLP), and capturing more context from images..

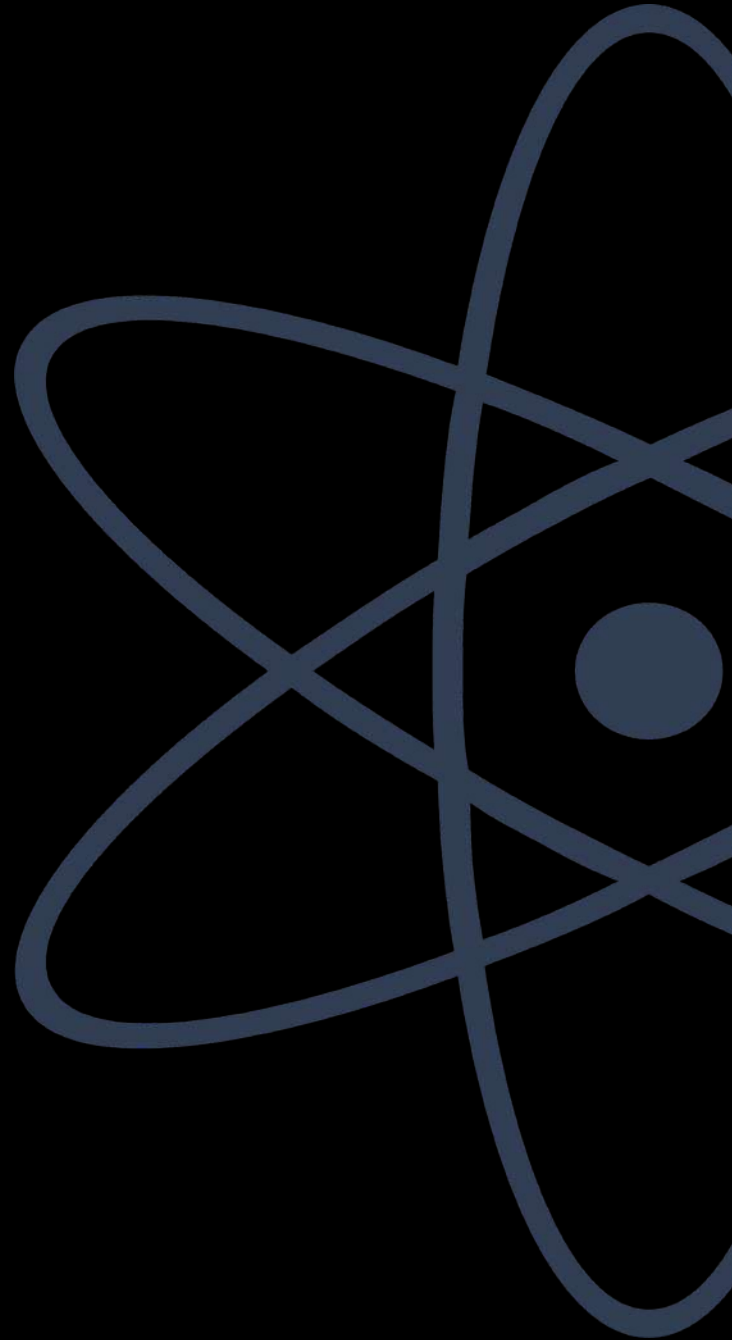
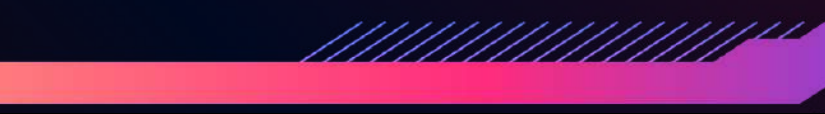


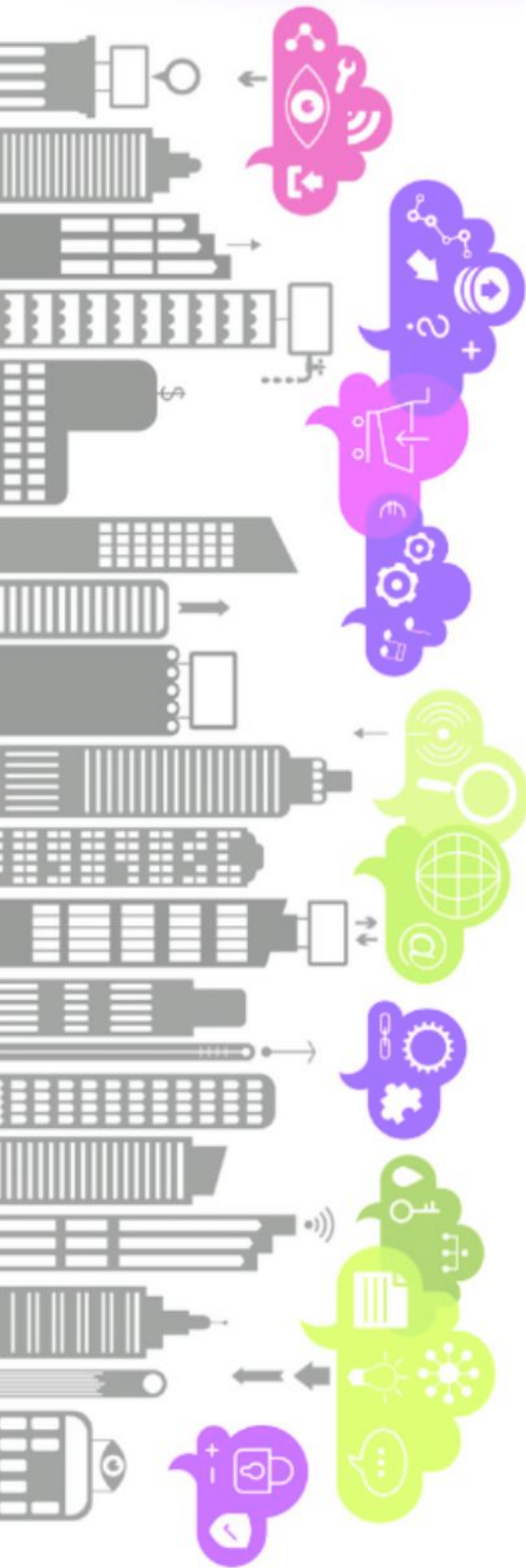
## QUANTUM COMPUTING AND ITS ADVANTAGES



Quantum computing is the study of how to use phenomena in quantum physics to create new ways of computing. Quantum computing is made up of qubits. Unlike a normal computer bit, which can be 0 or 1, a qubit can be either of those, or a superposition of both 0 and 1.

Advantages : Used correctly, quantum computers are incredibly fast and effective. They can perform calculations in a few seconds for which today's supercomputers would need decades or even millennia. This fact is also referred to by experts as quantum superiority .





## INTERNET OF THINGS

### **EVERYTHING IS CONNECTED**

The Internet of Things (IoT) is a system of interrelated computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction.

And it can create information about the connected objects, analyze it, and make decisions; in other words, one can tell that the Internet of Things is smarter than the Internet. Security cameras, sensors, vehicles, buildings, and software are examples of things that can exchange data among each other.



## METaverse FUTURE IS HERE

### What is the Metaverse?

It's a combination of multiple elements of technology, including virtual reality, augmented reality and video where users "live" within a digital universe. Supporters of the metaverse envision its users working, playing and staying connected with friends through everything from concerts and conferences to virtual trips around to the world.



### Maybe the Metaverse Is Just the New "Web 2.0"

The metaverse is a vision that spans many companies — the whole industry. You can think about it as the successor to the mobile internet...you can think about the metaverse as an embodied internet, where instead of just viewing content — you are in it. And you feel present with other people as if you were in other places, having different experiences that you couldn't necessarily do on a 2D app or webpage, like dancing, for example (AOT Ep.53:17:59)...

# events conducted

# events conducted

# events conducted

# events conducted

# events conducted

M.DASAN INSTITUTE OF TECHNOLOGY  
ULLYERI P.O.KOZHIKODE  
DEPARTMENT OF COMPUTER SCIENCE  
PRESENTS

SESSION ON  
**INTERNET OF THINGS(IOT)  
& ARTIFICIAL INTELLIGENCE  
FOR +2 STUDENTS**  
CONDUCTED BY OUR STUDENTS



 **MUSAFAR SAKEEN**  
5<sub>4</sub> CSE

 **JINU T.K**  
5<sub>4</sub> CSE

JULY 10, SAT  
VIA GOOGLE MEET  
at 2.00 PM

M.DASAN INSTITUTE OF TECHNOLOGY  
ULLYERI P.O.KOZHIKODE  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (M-DIT Kozhikode) in collaboration with  
MatTexa IT Solutions

**BLOCKCHAIN AS A  
CAREER OPTION**

We are inviting everyone to the webinar on the above topic  
organizing by the Department of Computer Science &  
Engineering (M-DIT Kozhikode) in collaboration with  
MatTexa IT Solutions.

<https://meet.google.com/asp-obaf-ago>



matdexa.com @www.matdexa.com 9744 891 491

**MACHINE  
LEARNING**

May 12 Wednesday 3.00-5.30pm

INAUGURATION  
**Dr.P M MAHEESAN**  
Principal M-DIT



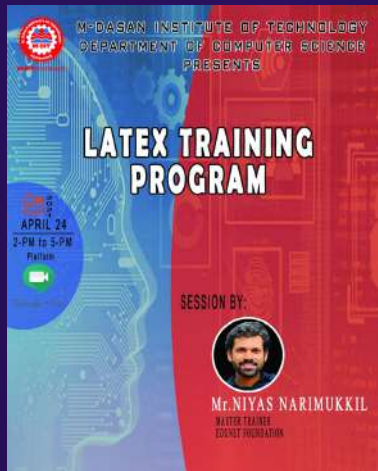
 **SPEAKER  
Mrs.AKHILA V H**  
Research Scholar NIT Calicut

Google Meet  
**LIVE WEBINAR**

**SOFTWARE  
MODELLING  
USING UML**



# LATEX TRAINING PROGRAM



Department of Computer Science and Engineering organised a session on **Latex Training Program on April 24 2021** from **2 pm to 5 pm** . **Mr. Niyas Narimukkil** (Master Trainer, Edunet Foundation) conducted this session. Quite a lot of students attended the training and gave a very good feedback on the same.

# LIVE WEBINAR ON MACHINE LEARNING

Department of Computer Science and Engineering of MDIT conducted a live **Webinar on Machine Learning** on **May 12th Wednesday from 3pm to 5:30pm**. The programme was inaugurated by our honourable Principal **Shri. Dr P.M Maheesan** . **Mr Akhila V.H** (Research Scholar NIT, Calicut) led the session. A **Coding Contest** was also conducted in the session. Our department offered cash prizes for winners with memento and certificates



# BLOCKCHAIN AS A CAREER OPTION



Department of Computer Science and Engineering MDIT, Kozhikode conducted a Webinar on **Blockchain As A Career Option** on **20 May 2021 from 11:30 am**. We conducted the webinar in collaboration with **MaiTexa IT Solutions**

# WEBINAR ON SOFTWARE MODELLING USING UML



Department of Computer Science and Engineering of MDIT Kozhikode presented a live webinar on **Software Modelling using UML**. The session was led by **Dr. Pramod Mathew Jacob (Assistant professor, department of Computer Science, Providence College of Engineering, Chengannur)** on **27th May 2021 from 10:30 am**. Certificates were provided for the attendees.

## SESSION ON INTERNET OF THINGS & ARTIFICIAL INTELLIGENCE

Department of Computer Science and Engineering conducted an online workshop for +2 students to impart the basics of AI & IoT. The training program was conducted on **10-06-2021 from 2.00PM to 3.30PM** via Google meet. This session was handled by our S4 CSE students, **Mr. Musafar Sakeen and Mr. Jinu T K**. Quite a lot of +2 students attended the training and gave a very good feedback on the same.



## VAGARE' 21 - ONLINE TECHNICAL QUIZ



**VAGARE'21**, an online technical quiz was conducted by the Computer Science Department on **18th July 2021 at 08:00 PM** in order to encourage students to gain technical knowledge, apart from subject knowledge. It was meant for +2 students and participants attended the quiz via Google form. Finally, two participants with the highest scores were declared as winners.

# ONLINE PYTHON TRAINING



Department of Computer Science & Engineering conducted an online PYTHON Training session for first year B-Tech students of CSE Department. This training program was held on **03-08-2021 from 3.30PM to 4.30PM** via Google meet platform. This session was handled by **Mr.KVSM Kishore**, **AI Research Engineer, Continental Automotive India.Ltd.** The training session was very informative for our students and they acquired basic PYTHON programming knowledge.

# WEBINAR ON INTRODUCTION TO PYTHON PROGRAMMING FOR ML ENGINEERS

Department of Computer Science and Engineering of MDIT Kozhikode organised a webinar on **Introduction to Python Programming for ML Engineers** in association with **Avodha**. The session was handled by **Mr. Alan S Dinsha** on **18th August 2021 Wednesday** from **3 pm**. Quite a lot of students attended the session and gave a very good feedback on the same.



# WEBINAR ON PROJECT MANAGEMENT



Department of Computer Science and Engineering of MDIT Kozhikode conducted a **Webinar on Project Management**. The class was led by **Karthik.K** (Engineering Manager at Innovation Incubator) on **18th September 2021 from 3pm**. Quite a lot of students attended the webinar and gave a very good feedback on the same.



# A *Parallel*-verse Expedition

A section aimed to  
display one's creative  
side



CATCH SOME WAVES IN

# WOMAN IN ENGINEERING



Fathima Niswa, S3 CSE

IN THE SPOTLIGHT

## Hey girls,

*Let's talk about ourselves and our comfort zone. Recently I had read a magazine of **IEEE [December 2021 volume 15]**, and it's my first time going through an IEEE magazine and with no doubt it was amazing. It inspires me a lot, so I think it's the right time to share with you all about it and I would love to share some quotes and words which they have mentioned in the magazine that made an impact on me.*

*The first thing that every individual has to do is get out of their comfort zones!  
And the next thing we all lack is "self-value", so we must value our rights and identity while maintaining the right of others.*

*By achieving these I am pretty sure we will have our own definition of success,  
So, let's continue with our topic.*

*We all know that there is fewer number of women working in the IT sector compared to men (15% in 2019)*

*I think the reason for this is ourselves, and our negative thoughts, and the thought that the IT sector can be pursued by men only, so it's time to change that. I said so because, on the previous day, I noticed my lecturer saying "Hey boys, listen here. This is an important topic in programming and this might help you get placed easily in the IT sector," whereas she advised the girls to opt for a teaching career and to pursue M-Tech for further studies, as it will be good for them. Why does it have to be like that?*

*Sometimes it's good to play it safe and sound to look after our families.*

*But what if we are someone who is ambitious and dreams big of achieving greater heights should we settle for less? What do we need to do?*

*Stop dreaming?*

*No! Change your mentality and dream a tad bit higher and work for it.*

*"We all know life is full of miracles"*

*"Happiness can be found even in the darkest of times if only one remembers to turn on the light."*

*It's okay to have bitter days in your life but don't you ever hold onto it. Move forward.*

*We must build our future. So, I say "let's move on!"*

*Each small step in the right direction can turn out to become the biggest step in your life! So, the thing is we have to take a step no matter how small it is!*

*It doesn't matter whether you didn't succeed on the first try or the second...Each failure brings you one step closer to success.*

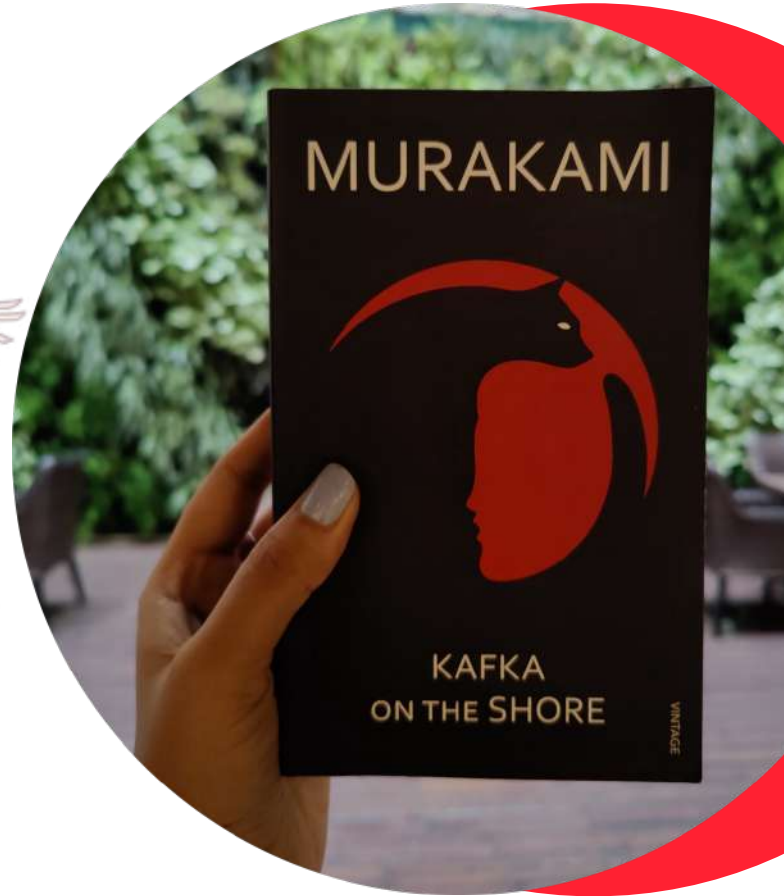
*And next, I will share some valuable words that might help you with your career which I have curated from some magazines.*

- *Stop looking for a recipe for success in other success stories. Instead, tailor your own definition of success.*
- *Be content with your choices and their outcomes and respect your choices as well as those of others.*
- *Do not assume that just because you are different your needs or rights will not be valued.*
- *Always be proud of your identity and stand up to deserve it.*

- *Be a person who unites by focusing on commonalities rather than a person who divides.*
- *Run towards the problems - because this is where you find the big opportunities.*



# BOOK 書 REVIEW 評



**Haruki Murakami's** novel, "**Kafka on the Shore**" (translated, from the Japanese, by Philip Gabriel), is a real page-turner, as well as an insistently metaphysical mind-bender.

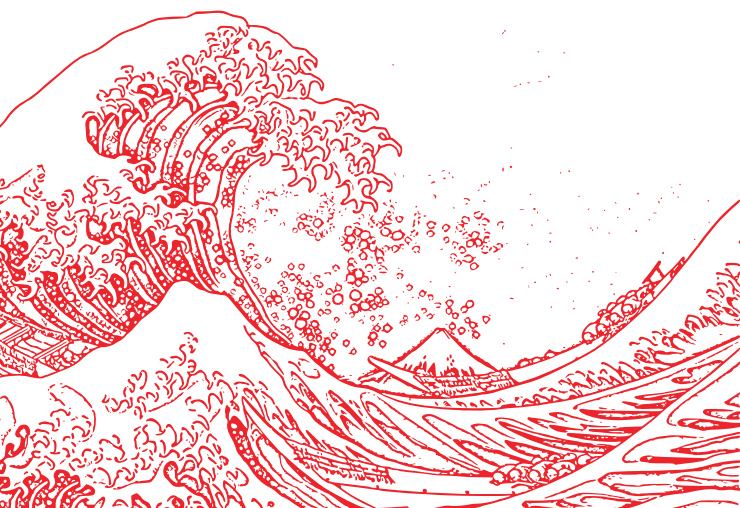
To begin with title itself, Murakami describes the "shore" as the border between conscious and unconscious minds. Digging deep into it, it's the borderline where we all live. The book takes us to a world with weird and unique incidents such as Fish raining, flute made of cat soul etc.

Tamura Kafka is a 15 years old boy who was told by his father that an Oedipus curse was put on him. Oedipus is a greek mythology character who kills his father and then has sexual intercourse with his mother and sister. His father predict that the same series of events will happen to him. To prove his father wrong, Kafka run away from home.

While reading you're being pulled to present and a parallel reality that connect Kafka to Nakata, an old man who talk to cats. In the story Kafka never meets Nakata. Yet they are moving in same rhythm but in individual paths. From there the book is imaginary treat of magical realism, historical time travel and hidden underworlds. Apart from Kafka and Nakata you'll see whimsical characters with mysterious and unpredictable mind-set.

Perks of reading Murakami's books is that the author gives the freedom to interpret the story and for me Nakata is unconscious part of Kafka living parallel. To understand spellbinding events happening in the story, one should definitely re-read it. Well for that, Good luck!! . And all thanks to Murakami.

**Penned by**  
**Fathima Shamla**  
**S5 CSE**



# SIGNIFICANCE OF DEEP LEARNING IN EARLY DETECTION OF COVID-19



Ms. Limna Das P  
Assistant Professor  
Department of CSE

The novel coronavirus 2019 (COVID-2019) which began from China, further spread to all over the planet and was announced as a pandemic by WHO (World Health Organisation). It has blocked our daily lives and world economy to a large extent. In the lack of any particular vaccine for present pandemic COVID-19, it is necessary to recognize the disease at an early stage and quarantine these infected patients to stop the further spread. The popular diagnosis of COVID -19 is being done using Polymerase Chain Reaction (PCR) but there are some cases of false interpretation. Rapid Antibody Test also has faulty/wrong implications. Till now we have witnessed the global deficit of testing labs and testing kits for COVID-19

There is an urgent requirement for developing quick and reliable devices that can help doctors in diagnosing COVID-19. Developing a computer based COVID detection tool will be very useful as it can screen the positive cases from a mass collection. Early detection of Covid-19 has importance in timely quarantining treating the disease and therefore assuring public health safety. Currently, a bulk number of suspected patients are taking chest CT scans and undergoing through auto COVID detection, removes the overhead of radiologists. moreover, radiologists visually inspecting the CT scans may cause intra- and inter- observer problems to miss diagnosis the disease.

With the invention of Artificial Intelligence (AI) algorithms, many latest learning algorithms have recently gained popularity in the medical field, using which one can build a model of the given training data. But these machine learning algorithms need feature extraction to find the features of the data using which they classify the unknown data.

## • Role of Deep Learning

Deep learning, a newly derived sub-area in AI, avoids the need for manual feature extraction that has been successfully employed in medical problems like pneumonia detection on x-ray images, skin cancer classification, and lung segmentation.

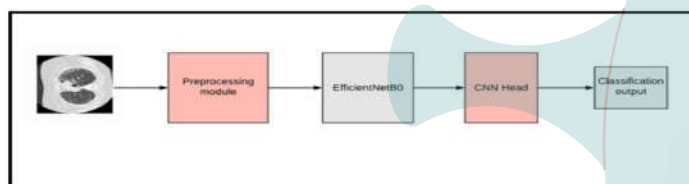


Fig 1. Work Flow Diagram

The rapid rise of this pandemic necessitated us the need of developing expertise in this domain. AI-based automated diagnostic tools are important to be developed. With the limited number of radiologists across the country, this technique will help us to accurately predict the disease and to give more care and assistance to the needy patients. These tools will provide accurate interpretations very fastly. In otherway, these tools can largely balance the insufficient number of available RT-PCR test kits and testing costs. In the ImageNet image classification challenge, Deep learning methods surpassed other techniques by training one million images on advanced hardware. In this article, two deep learning models are suggested for the automatic diagnosis of COVID-19. The recommended model will have an end-to-end architecture without using any feature extraction methods, and it needs CT images to give the diagnosis. Radiological imaging like Computed Tomography(CT) scans can be used for the early diagnosis. With the invention of AI algorithms, we can apply learning algorithms for early detection of COVID-19. 2016 onwards, Deep learning, a deep neural network-based leaning technique is widely applied in biomedical problem. We can use some fast and accurate diagnostic tool using deep learning algorithms for detecting this pandemic. There are different deep learning models for this purpose. Efficient Net architecture and ResNet by Custom Vision AI of Microsoft Azure are some of the most efficient models. For the clinical diagnosis of this disease, CT scans are considered as a faster and easier treatment technique.

In the clinical practice, by joining the patient's clinical symptoms, travel history, and laboratory findings, it is possible to diagnosis the disease quickly. By doing this, we can effectively isolate the infected patients on time and control this pandemic. So, chest CT can be considered as a critical modality for checking the disease.

- **Motivation**

Despite increasing the costly PCR testing lab setup, developing a tool for auto detecting COVID disease from CT images will be helpful for the society. An opensource framework for this purpose will have high social value of helping the poor patient community and by reducing the over burden of doctors.

- **Work Flow**

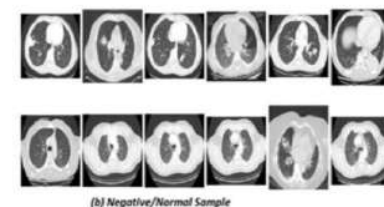
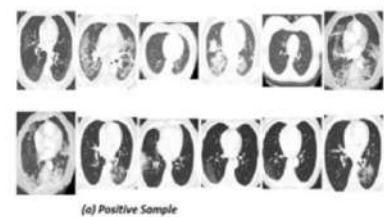
The main pipeline is briefly indicated in the diagram shown in Fig 1. The collected images are to be pre-processed and then pass to the neural network for the final prediction. The data considered is from different sources and have bias in it. These CT scans are collected from different patients and from different hospitals. The sample data is shown in Fig 2.

- **Preprocessing**

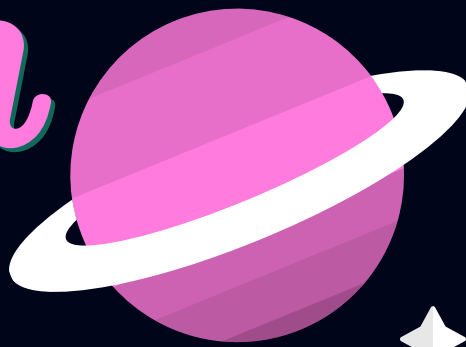
The pre-processing involves resizing and extracting the Region of Interest(RoI) from each image. As some of the images in the data set contain annotations in the corners, it is important to extract the region of interest from the given images. So, we have to train the standard BCD U-net architecture, a deep learning model to perform the segmentation task, and segment lungs portion from the CT scans. This model was trained on the open-sourced data available on Kaggle.

- **Conclusion**

The difficult infrastructure setup requirement of PCR is demanding for the development of a computer-based diagnostic tool for early detection of the disease and hence quarantining the affected people away from the spread. The recent innovations in Deep Learning help us to apply Artificial intelligence for this purpose. From the researches, it is evident that the Efficient Net based method and the Resnet based Method are very efficient for this purpose. Making an open-source initiative like this, it is sure that many hospitals can directly use it or tune it to tailor-make their required tool. we can try to use the Bayesian optimization technique to finetune the parameters for better performance



# TECXEON 2021

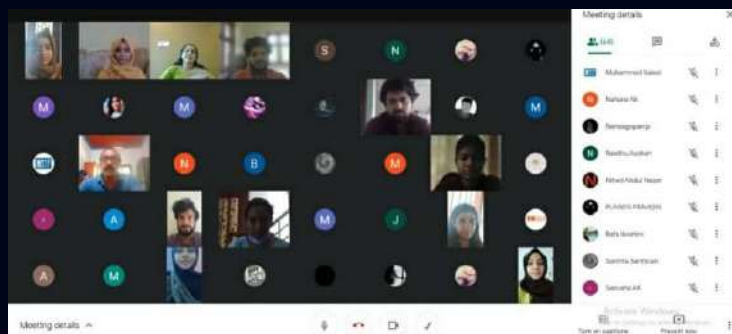


THE TECH FEST “**TECXEON 2021**” CONDUCTED BY DEPARTMENT OF CSE FROM **MAY 26**, WAS A SERIES OF EVENTS WHERE STUDENTS SHOWCASED THEIR SKILL AND DETERMINATION. THE EVENTS ORGANISED WERE **GOOGLE GOD** – PARTICIPANTS WERE ASKED TO GOOGLE A PARTICULAR TOPIC AND FIND OUT A CERTAIN INFORMATION, **CODING GURU** – CODING COMPETITION, **TECHQUIZ** – TECHNICAL QUIZ, **POSTER DESIGNING CONTEST**, **LUDO COMPETITION**, **PES TOURNAMENT**, **ANIMATION CONTEST**, **DIGITAL PAINTING CONTEST**, **PHOTOGRAPHY**, **PUBG TOURNAMENT**, **WEB DESIGNING CONTEST**.

WINNERS WERE SELECTED ON THE BASIS OF THEIR SKILL AND TALENT. THE WINNERS OF THE EVENTS ARE AS FOLLOWS:

FIRST PRIZE FOR **DIGITAL PAINTING** WAS BAGGED BY **DEVAGANGA (M-DIT S4 CSE)**. FOR SOME PEOPLE, THIS TAKES YEARS OF PRACTICE, BUT SHE MANAGED TO MAKE IT LOOK EASY. CONGRATULATIONS TO THE WINNERS OF **WEB DESIGNING CONTEST**, **AKSHARA P B (M-DIT S6 CSE)**, **JITHIN JOSHI (SNGIST PARAVUR)** & **AKHIL MURALI (SNGIST PARAVUR)** WHO CLAIMED FIRST, SECOND AND THIRD PLACES RESPECTIVELY, THEIR WEB DESIGNS TRULY REFLECTS THEIR SKILL AND TALENT, AND IT APPEARS AS THOUGH CODING IS LIKE A SECOND LANGUAGE TO THEM.

CONGRATULATIONS TO THE WINNERS OF GAME SECTION. WE HAD 3 VARIETIES OF GAMES, **PUBG TOURNAMENT** WHICH WAS WON BY THE **TEAM TRZ**, WHILE **TEAM BLITZ** AND **TEAM ASTRO** BAGGED 2ND AND 3RD PRIZES RESPECTIVELY. **MUHAMMED ADIL (M-DIT S4 EEE)** MADE A CLEAN VICTORY IN **PES TOURNAMENT** AND FINALLY IN **LUDO**, THAT HAD THE MOST NUMBER OF REGISTRATIONS, **SAAD MUHAMMED (MES COLLEGE OF ENGINEERING)** AND **MUHSINA THASNI (GEC KOZHICODE)** WON FIRST AND SECOND PLACES RESPECTIVELY.



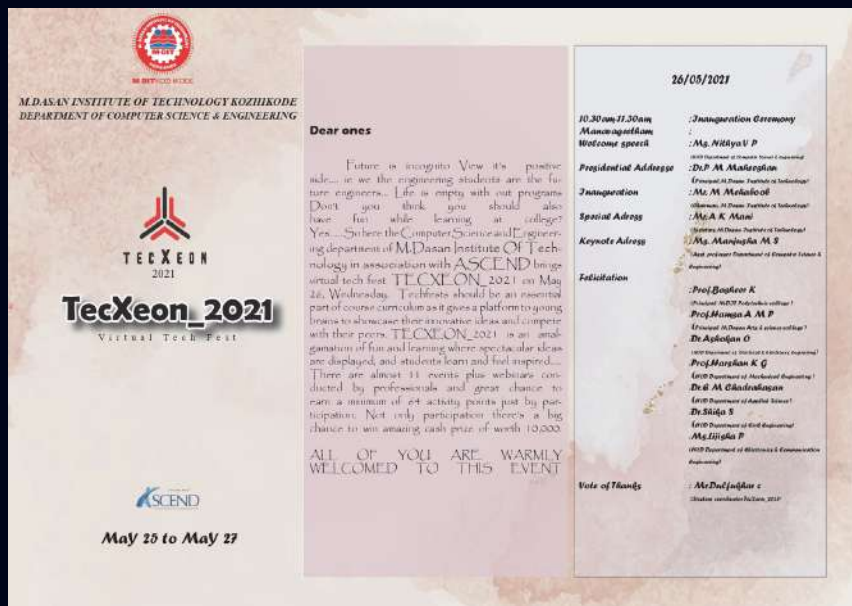
## VIRTUAL INAUGURATION

# TECXEON 2021

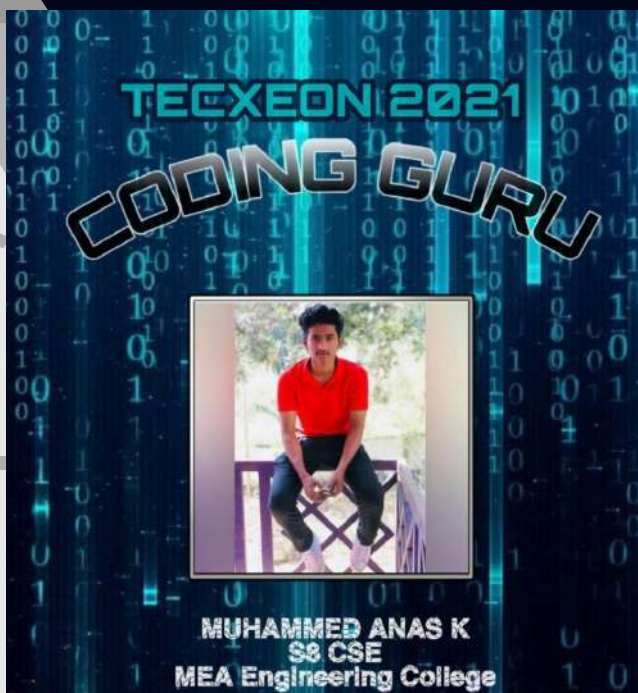
"WITH ANIMATION, FANTASY IS YOUR BEST FRIEND", ANIMATIONS MADE BY ABHINAND B S (M-DIT S6 ME) & MUHSIN K C (CET CIVIL ENGINEERING) WERE CERTAINLY SPLENDID WHICH EASILY CAPTURED FIRST AND SECOND PLACES IN **ANIMATION CONTEST**. "PHOTOGRAPHY IS THE ART OF MAKING MEMORIES TANGIBLE", THE PHOTOGRAPHS CAPTURED BY ANAND (GOVT COLLEGE OF ENGINEERING KANNUR), AKSHAY RAMESH P (M-DIT S2 CSE) AND ABHIJITH C K (M-DIT S4 ME) BAGGED FIRST, SECOND AND THIRD PRIZES RESPECTIVELY.

"SOME SAY GOOGLE IS GOD, BUT PEOPLE NEED REAL SKILL TO GOOGLE OUT THE EXACT STUFF", CONGRATULATIONS TO THE WINNERS OF **GOOGLE GOD**, SHARUN KOSHY (UKF COLLEGE OF ENGINEERING), MANJUSHA M (COLLEGE OF ENGINEERING AND MANAGEMENT PUNNAPRA) & GEETHIKA RAVEENDRAN (GOVT ENGINEERING COLLEGE THRISSUR). HEARTY CONGRATULATIONS TO NAMRATHA CHANDRAN (GEC WAYANAD), SANDRA SANTHOSH (RAJAGIRI SCHOOL OF ENGINEERING AND TECHNOLOGY) AND MEHRA M (M-DIT S4 CSE) WHO SECURED FIRST, SECOND AND THIRD PLACES RESPECTIVELY IN **TECHQUIZ**.

"CODING IS THE MODERN LANGUAGE OF CREATIVITY", CONGRATULATIONS TO MUHAMMED ANAS (MEA COLLEGE OF ENGINEERING) WHO WITH HIS PURE TALENT IN PROGRAMMING WON FIRST PLACE IN **CODING GURU CONTEST**. HE ONCE AGAIN PROVED THAT PROGRAMMING IS A SKILL ACQUIRED BY PRACTICE RATHER THAN FROM BOOKS ALONE.



# TECXEON 2021



# TECXEON 2021

## POSTER DESIGNING CONTEST

**CONTEST WINNERS**

1st prize	2nd prize	3rd prize
		
Vishnu Prasad S8 EEE	Hari Govind S4 CSE	Arjun P K S4 ME

*congratulations*

## GOOGLE GOD

**CONTEST WINNERS**

1st prize	2nd prize	3rd prize
		
Sharun Koshy UKF College Of Engineering, Puttopally	Manjusha M College of engineering and management Ponnazh	Geethika Ravindran Government Engineering College Thrissur

*congratulations*



## TECXEON 2021

### Ludo Competition

**WINNERS**

	
SAAD MUHAMMED MES COLLEGE OF ENGINEERING 4TH YEAR	MUHSINA THASNI GEC KOZHIKODE 2ND YEAR



## TECXEON21 TECHQUIZ

**WINNERS**

	
<b>1st</b> Namratha Chandran GOVERNMENT ENGINEERING COLLEGE WAYANAD ELECTRONICS AND COMMUNICATION	
	
<b>2nd</b> Sandra Santhosh SAHAYRI SCHOOL OF ENGINEERING AND TECHNOLOGY D4 EEE CHENNAI	<b>3rd</b> Mehra m MDF ENGINEERING COLLEGE D4 EEE

## PHOTOGRAPHY

**CONTEST WINNERS**

1st prize	2nd prize	3rd prize
		
Anand.K Government College of Engineering Kozhikode	Akshay Ramesh p Mithun Institute of Technology kozhikode	Abhijith C K M.Dasan Institute of Technology kozhikode

*congratulations*



# Achievements

## FACULTY CORNER

### NPTEL CERTIFICATION

Ms. Manjusha M S, Asst. Professor, Dept. of CSE has successfully completed the NPTEL Swayam course on "Advanced Graph Theory" organized by IIT Kanpur during the period of Feb-April 2021.



## STUDENT'S CORNER

### NPTEL CERTIFICATION

Chitra C P T , Aswani P , Athul M C (S5 CSE) has successfully completed the NPTEL Swayam course on " Introduction to Internet of Things" organized by IIT Kanpur during the period of Jan- April 2021.



Chitra C P T  
S5 CSE



Aswani P  
S5 CSE



Athul M C  
S5 CSE



## NAMMUDE KOZHIKODE

"Nammude Kozhikode" is an innovative mega project jointly developed by Kozhikode district administration and local self government institutions , with the objective of delivering effective citizen-centric governance by ensuring transparency and quality in public service.

About 20 students from various engineering colleges in Kozhikode took part in the data entry work of 'Nammude Kozhikode' app. Rinsha & Sreelakshmi of S4 CSE participated in the work of 'Nammude Kozhikode' at the collectorate representing MDIT Engineering College.



Rinsha  
S5 CSE



Sreelakshmi  
S5 CSE

## ACCLAIMED VICTORY

- Fathima Niswa of S2 CSE won first prize in IEEE Engineers Day Quiz conducted by IEEE MDIT Student Branch.



# Achievements

## STUDENT'S CORNER

- **Devaganga of S4 CSE won first prize for Digital Painting as a part of the tech fest "SPHINX 2021" of Civil Engineering Department.**



- **Nandakishore M J of S4 CSE won first prize for "CASATALES - Video Making Competition" as a part of the tech fest "SPHINX 2021" of Civil Engineering Department.**



- **Chithra C P T of S4 CSE won third prize for Digital Poster making competition as a part of the "ENVIRONIA, Eco club" of MDIT.**





- **Mohammad Shaheen & Arjun of S6 CSE won first prize in Paper Presentation as a part of the tech fest "VOKAZA 2k21" of Electronics and Communication Engineering Department.**



**Muhammed Shaheen  
S6 CSE**



**Arjun  
S6 CSE**

- **Devaganga & Vyshnavi Warriar of S4 CSE won both first & second prizes for Treasure Hunt competition as a part of the tech fest "SPHINX 2021" of Civil Engineering Department.**



**Devaganga  
S4 CSE**



**Vyshnavi Warriar  
S4 CSE**

### CODING CONTEST

Online hands-on training on 'Machine Learning' was conducted by ASCEND on 12th April 2021. Mrs Akhila V.H. Research Scholar of NIT Calicut was the keynote speaker. A coding contest was conducted to test the students understandings, students were given a text file containing positive and negative tweets. The aim was to train the model with the data and thus predict sentiment of a tweet (positive or negative) . Mr Amith Kumar and Mr Muhammed Shaheen of S6 CSE were declared winners out of all the entries and they were rewarded with goodies.



**Amith Kumar K**  
S6 CSE



**Muhammed Shaheen**  
S6 CSE



# UNIVERSITY TOPPERS

## M.Tech 2020-22 Batch S1 Toppers



**DHANYA P**



**AYSHA NAFLA P**



**REHDA FEBIN T**



**MAHIRA P**



**PRANISHA T O**



**MISHAHA M K**



# B.Tech 2018-22 Batch

## S5 Toppers



**ASWANI BABU M**  
SGPA **9.72**



**ANOOJA S PRADEEP**  
SGPA **9.65**



**KARTHIKA K V**  
SGPA **9.17**



# B.Tech 2019-23 Batch

## S3 Topppers



RIYA UMMER M V  
S3 CSE, SGPA-9.41



NEENA SURESH  
S3 CSE, SGPA-9.27



MEGHA N V  
S3 CSE, SGPA-9.00



NEHA RAHMAN  
S3 CSE, SGPA-8.95



CHITHRA C P T  
S3 CSE, SGPA-8.73



DEVAGANGA  
S3 CSE, SGPA-8.45



ANAGHA RAHMAN K  
S3 CSE, SGPA-8.00



RILNA REJINOLD  
S3 CSE, SGPA-8.00



SARATH KUMAR M K  
S3 CSE, SGPA-7.95



ASWANI P  
S3 CSE, SGPA-7.91



JINU T K  
S3 CSE, SGPA-7.91



RINSHA N K  
S3 CSE, SGPA-7.91



# B.Tech 2020-24 Batch

## S1 Toppers



**PUNNYAPRAVEEN**  
CSE S1,SGPA: 9.82



**SANTRASANTHOSH**  
CSE S1,SGPA: 9.68



**JISHITHA**  
CSE S1,SGPA: 9.65



**ANJANA PT**  
CSE S1,SGPA: 9.35



**VYSHNA VISWANATH**  
CSE S1,SGPA: 9.29



**AMRUTHA K S**  
CSE S1,SGPA: 9.21



**SURYAN**  
CSE S1,SGPA: 9.09



**DIYA MANOJ**  
CSE S1,SGPA: 9.00



**VISHNUPRIYA**  
CSE S1,SGPA: 8.94



**RITHIN LEHANT**  
CSE S1,SGPA: 8.35



**AKSHAYDATH M V**  
CSE S1,SGPA: 8.35

# [PLACEMENTS]

## 2021 Passout Batch



**AMAR KRISHNA P A**  
TCS, 6D TECHNOLOGIES



**MANJUNATH S**  
G10X, UST GLOBAL



**IMMANUEL THOMAS**  
6D TECHNOLOGIES



**AKSHAY PRASANTH**  
UST GLOBAL



**ARJUN S**  
NETSTRATUM



**SNEHA B KUMAR**  
G10X



**VAISHNAVI S B**  
G10X



**NEERAJ**  
NETHRAM



**ANUSREE PRAKASH**  
HUBSPIRE



**SRUTHI VIJAY**  
SESAME, QUEST GLOBAL



**AKHILA MANOJ**  
HUBSPIRE, ZOONDIA



**RITHU RAJ**  
SESAME



**FAHMIDA SHERIN**  
SESAME, ZOONDIA



**AMAYA M**  
SESAME



**HIMA S ANAND**  
SESAME, ZOONDIA, IBS



**BABISHA K P**  
SESAME



**NOUSHEER**  
TECH MAHINDRA,  
ZOONDIA



**ANAGHA NISAKAR**  
OPTIMIST



**ALAN TOMS**  
ZOONDIA



**AMARISH A T**  
ZOONDIA

# Convocation 2021

Convocation ceremony was conducted in the college on **December 18, 2021** wherein **2016-2020** and **2017-2021** batch passout students were awarded post degrees and degrees. **Adv. P A Mohammad Riyas, Hon'ble Minister, Department of Public Works and Tourism Kerala** officially Inagurated the event. **Dr. P S Sathidevi, Deputy Director NIT Calicut** addressed the students as the chief guest.

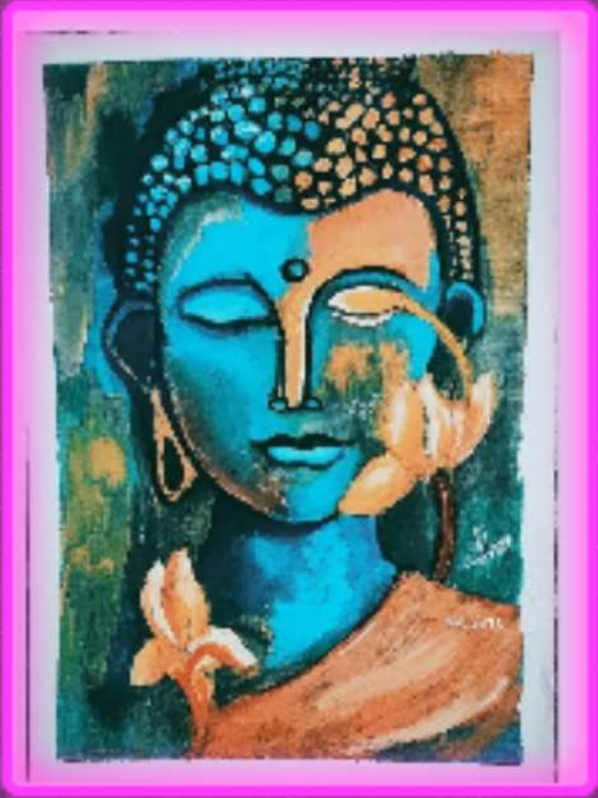


*Adv. P A Mohammad Riyas, Hon'ble Minister ,Department of Public Works and Tourism Kerala addressing the function*





# artworks

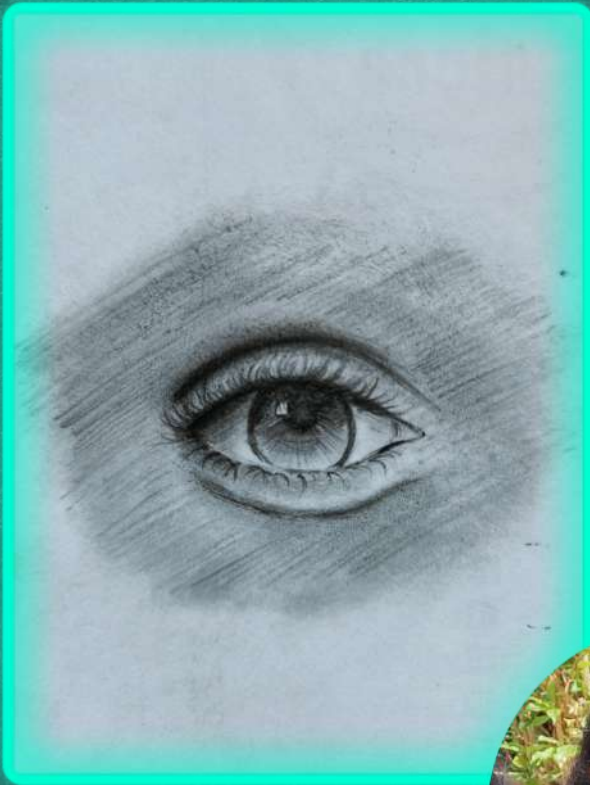


Nandagopan  
S3 CSE





*Vaishna*  
S3 CSE



*Santhini*  
S5 CSE

# Photo Gallery



Magazine Launch  
28.01.2021



# Photo Gallery



"CSE Fam"

**ASCEND**

Association of Computer Science & Engineering in M-DIT

# Department of Computer Science & Engineering



**M-DIT KOZHIKODE**

**M.DASAN INSTITUTE OF TECHNOLOGY**

Approved by AICTE, New Delhi and Affiliated to the  
APJ Abdul Kalam Technological University (KTU)

