



Adi Shankara

INSTITUTE OF ENGINEERING AND TECHNOLOGY

Vidya Bharathi Nagar , Mattoor, Kalady, Ernakulam, Kerala 683574



MHRD'S
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)



MONTHLY REPORT JULY 2020

DEPARTMENT OF CIVIL ENGINEERING

FIVE DAY WEBINAR SERIES ON “SUSTAINABILITY IN INFRASTRUCTURE DEVELOPMENT”



Organized by

Department of Civil Engineering, ASIET

Objectives

To impart knowledge on sustainability in infrastructure development to civil engineering fraternity.

Schedule

Date	Time	Platform	Session Topic	Resource Person
13/07/2020	11.00 AM	Google Meet	Composting and vermicomposting	Dr. Kundan Samal, Assistant Professor KIIT University, Bhubaneswar
14/07/2020	11.00 AM	Google Meet	Pavement Sustainability: An Integrated Approach	Dr. Dipti Ranjan Biswal, Associate Professor KIIT University, Bhubaneswar
15/07/2020	11.00 AM	Google Meet	Surrogate Traffic Safety Measures: A Sustainable Approach	Dr. Malaya Mohanty, Assistant Professor KIIT University, Bhubaneswar
16/07/2020	2.00 PM	Google Meet	Utilization of Reclaimed Asphalt Pavement in Concrete Pavement- A Sustainable Approach in Pavement Industry	Dr. Nabil Hossiney, Assistant Professor Christ University, Bangalore
27/07/2020	11.00 AM	Google Meet	Sustainability in Pavement Engineering	Dr. Vishnu R, Assistant Professor NIT, Warangal

Details

Registration Link

<https://forms.gle/HShpQ3NQ8fcayDj99>

Free registration

E-certificate provided for all active participants.

Coordinators

Ms. Clydin P A, Asst Prof CE, ASIET Kalady

Ms. Harshananda T N, Asst Prof CE, ASIET Kalady

Ms. Nitha Abraham, Asst Prof CE, ASIET Kalady

Ms. Reema Pius, Asst Prof CE, ASIET Kalady

Resource Persons Details:

13th July 2020: 11 AM IST “Composting and vermicomposting”. **Dr. Kundan Samal, Assistant Professor - KIIT University, Bhubaneswar**

14th July 2020: 11 AM IST “Pavement Sustainability: An Integrated Approach” **Dr. Dipti Ranjan Biswal, Associate Professor -KIIT University, Bhubaneswar**

15th July 2020: 11 AM IST “Surrogate Traffic Safety Measures: A Sustainable Approach” **Dr. Malaya Mohanty, Assistant Professor KIIT University, Bhubaneswar**

16th July 2020: 2 PM IST “Utilization of Reclaimed Asphalt Pavement in Concrete Pavement- A Sustainable Approach in Pavement Industry”. **Dr. Nabil Hossiney, Assistant Professor Christ University, Bangalore**

27th July 2020: 11 AM IST “Sustainability in Pavement Engineering” **Dr. Vishnu R, Assistant Professor NIT, Warangal**

Beneficiaries

Research scholars, Academicians and students from Kerala and other states.

Session 1 – 222 participants

Session 2 – 213 participants

Session 3 – 213 participants

Session 4 – 168 participants

Session 5 – 150 participants



ADI SHANKARA INSTITUTE OF ENGINEERING AND TECHNOLOGY

KALADY, ERNAKULAM, KERALA

Department of Civil Engineering
in association with



presents

WEBINAR SERIES 1

on

Sustainability in Infrastructure Development



Composting and Vermicomposting

Dr. Kundan Samal

Assistant Professor, KIIT University
Bhubaneswar

13 July 2020, 11.00 am IST



Pavement Sustainability : An Integrated Approach

Dr. Dipti Ranjan Biswal

Associate Professor, KIIT University
Bhubaneswar

14 July 2020, 11.00 am IST



Surrogate Traffic Safety Measures : A Sustainable Approach

Dr. Malaya Mohanty

Assistant Professor, KIIT University
Bhubaneswar

15 July 2020, 11.00 am IST



Utilization of Reclaimed Asphalt Pavement in Concrete Pavements – A Sustainable Approach in Pavement Industry

Dr Nabil Hossiney

Assistant Professor,
Christ University
Bangalore

16 July 2020, 2.00pm IST



Sustainability in Pavement Engineering

Dr. Vishnu R

Assistant Professor, NIT Warangal

27 July 2020, 11.00 am IST



**JULY 13 - 27,
2020**

PLATFORM:

**GOOGLE MEET
ZOOM**

Register here - <https://forms.gle/HShpQ3NQ8fcayDj99>

- E-Certificate will be provided for all active participants
- No registration fee



For queries:

9995143303

9539941738

Sessions Photographs

meet.google.com/wtg-fbpm-upw?authuser=0

REC K Kundan Samal is presenting

Vermicomposting Tray

Nature's Footprint
Rs: 16000
5-Tray Worm Composter

Autoplicity of fresh loadings and food to waste on top and clear with a worm habitat.

Hide in the bottom of upper box after collection tray down into the lower box.

The upper box is where your worms live.

Please some mesh or shade cloth underneath to prevent worms falling out.

34

Session Details

People (158) Chat

- Anjana Rajendran
- ANJANA SANTHOSH
- anjana sathian
- ANJANAMOL JOSE
- anjureshu Pullokkaran
- Ankita Routray
- anna maria devassikutty
- Annie Thomas
- Anuja Sajeev
- Arathi Prakash

11:48 13-07-2020

meet.google.com/wtg-fbpm-upw?authuser=0

REC K Kundan Samal is presenting

Mechanism of vermicomposting tray

NEW! Ventilation Lid

- 1) Allows 30° of air flow expelling heat and compact gases around small angles.
- 2) Inside down the multi-use lid acts as a place holder when rotating trays.
- 3) Control 1/2 turn allows quick tips for managing your Worm Factory.

NEW! Worm Ladder

- 1) Provides an incline allowing worms that venture into the collection tray to wander the tray down.
- 2) Air movement from around the perimeter moves stored in the space near the main hole.
- 3) Blocks any light from entering the area around the Worm Ladder.

NEW! Speed Collection Tray

Collects moisture pulled down by gravity from the worm trays above and filters out the drain hole.

35

Several participants left the meeting.

Session Details

People (157) Chat (1)

- Devaprabha B
- Devika CA
- Devika Suseelan
- Dinakar D
- Dona Babu
- Eldho Joby
- Emily Benny
- Emily Jose
- Eveena Stephen
- Fathima Samar C.A

Turn on captions

Kundan Samal is presenting

← → ↺ 🔒 meet.google.com/wtg-fbpm-upw?authuser=0

REC K Kundan Samal is presenting

Hungry Bin

Session Details ×

People (167) Chat (2)

- S Shabnum M
- R Rijaz Rasheed K Kundan Samal
- S Silpa Mol T. O
- S silpa syam
- S Silpa Sasidharan
- S Sivapriya Sekhar
- S Sreelakshmi B Pai
- S Sreelakshmi N S
- S sreelakshmi santhosh
- S SREELAKSHMI T A
- S SREEISHMA MOHANAN

Session Details ^

Turn on captions

Kundan Samal is presenting

Inbox (21) - civil@adishankara.a...
16 Adi Shankara Institute of Engine...
Meet - WEBINAR SERIES SES...

meet.google.com/svf-ddso-gze?authuser=0

REC
H Hossiney Nabil Jalall Engineering Civil is presenting

RECLAIMED ASPHALT PAVEMENT (RAP)

The binder present in RAP is harder than new asphalt due to oxidation
 Comparing the XRF results of RAP with NCA and NFA (as presented in Table), it can be observed that the chemical composition [4] of all the aggregates are more or less the same, which confirms FHWA findings

	SiO ₂ (%)	Al ₂ O ₃ (%)	Fe ₂ O ₃ (%)	CaO (%)	MgO (%)	SO ₃ (%)	P ₂ O ₅ (%)	K ₂ O (%)
RAP	53.69	7.02	7.77	7.94	-	1.27	1.74	16.5
NFA	53.73	10.13	8.54	8.25	-	-	1.51	13.93
NCA	52.92	11.16	7.49	8.30	-	0.71	1.53	14.09

WEBINAR SERIES SESSION 4

People (142)
Chat

Add people

CIVIL DEPARTMENT ADI SHAN...

11811047 SREEJITH V

Abhirami P s

ABHISHEK JADHAV

Aiswarya Gireesan

aleena George

Amal Krishna

Ambili K A

Amrutha Sharma

Hossiney Nabil...
Clydin Civil
CIVIL DEPART...
Gopika S Panic...
Minnu Cb
Dinesh Kumar
Sriganesh Var...

Type here to search

02:15 PM
16-07-2020

DEPARTMENT OF ELECTRICAL & ELECTRONICS **ENGINEERING**

Name of the college	Adi Shankara Institute of Engineering and Technology, Kalady
Name of the program	Webinar
Date	5/7/2020
Time	4.00 pm-5.00pm
Venue/Online platform	Google meet
Topic	Opportunities as electrical system Design Engineer & project execution
Objective	To give insight about job opportunities in Electrical system design To give opportunity to interact with alumni
Resource Person	Mr Sajith GR, General manager ULCCS ltd
Beneficiaries	students
Organizers	Institute innovation council Electrical and Electronics Engineering Department IEEE Energy Conservation society
Highlights of the Program	More than 100 students were participated in this webinar .Resource person explained the basics of Electrical system design procedure and job opportunities.



Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY



Dept. of Electrical & Electronics Engineering
Presents

CONNECT

Alumni Talk Series



Er. Sajith G R,
Senior Manager, ULCCS Ltd.

Be proud to be an
Electrical Engineer :

Opportunities as Electrical System Design Engineer &
Project Execution.

"Amplify your dreams and let your success light up your future! "



Google Meet : meet.google.com/gfi-hrfx-jki

5th July, 2020 | 4:00 - 5:00PM



Name of the college	Adi Shankara Institute of Engineering and Technology, Kalady
Name of the program	Webinar
Date	14/7/2020
Time	5.00 pm-6.00pm
Venue/Online platform	Google meet
Topic	E-Waste Management
Objective	To discuss about E-waste ,bad effects and its disposal technique
Resource Person	Mr.Cherian George Executive ,Projects(Marketing) Kerala environment infrastructure

Beneficiaries	Students
Organizers	Institute innovation council Electrical and Electronics Engineering Department IEEE Energy Conservation society
Highlights of the Program	More than 100 students were participated in this webinar .Resource person explained about the e waste management system. Got an idea about how to make wealth from waste


Adi Shankara
 INSTITUTE OF ENGINEERING AND TECHNOLOGY





Dept. of Electrical & Electronics Engineering
 Presents
CONNECT
 Alumni Talk Series


 Webinar on
E-Waste Management

Register now:
bit.ly/Connect_E-WasteManagement
 14th July, 2020 | 5:00 - 6:00PM

Er. Cherian George,
 (Batch 2006-10)
 Executive, Projects(Marketing),
 Kerala Enviro Infrastructures Ltd.






Name of the college	Adi Shankara Institute of Engineering and Technology, Kalady
Name of the program	Short term training programs
Date	13/7/2020

Time	10.30 am-12.30pm
Venue/Online platform	Google meet
Topic	Capabilities of CAD in industrial Electrical drawings
Objective	To give an Introduction about Software based Electrical system Design.
Resource Person	<ol style="list-style-type: none"> 1. Mr Mohammed Ashique Solution Engineer KKM Soft ,Chennai 2. Mr Sreehari S Assistant Professor ,ASIET,Kalady
Beneficiaries	Students
Organizers	Institute innovation council Electrical and Electronics Engineering Department IEEE Energy Conservation society
Highlights of the Program	More than 150 Participation from various institution in India.E-Certificates provided. Basics of Electrical CAD and REVETwas discussed.


Adi Shankara
 INSTITUTE OF ENGINEERING AND TECHNOLOGY
 



Department of Electrical and Electronics Engineering
 IN ASSOCIATION WITH

Announces STTP on
CAPABILITIES OF CAD IN INDUSTRIAL ELECTRICAL DRAWINGS





Mr. Mohammed Aashiq S
 Solution Engineer
 KKM SOFT Chennai


Mr. Sreehari S
 Asst. Professor
 Dept. of EEE, ASIET

Free Registration
Who can Attend: All EE students
E-Certificates will be provided to all active participants

DATE: 13th JULY 2020 Time : 10:30 AM TO 12:30 PM

Reg Link:
<https://forms.gle/ahCM7swB58xdK7V78>

Scan Me:



 Google Meet







Contact Details : Mr Sreehari S Assistant Professor Dept. of EEE ASIET
8921541654, 9744576498 sreehari.eee@adishankara.ac.in






Name of the college	Adi Shankara Institute of Engineering and Technology, Kalady
Name of the program	Webinar
Date	16/7/2020
Time	10.30 am-11.30am
Venue/Online platform	Google meet
Topic	Solar power plant design-An industrial Perspective
Objective	To Discuss Solar system design aspects
Resource Person	Mr .Arun Kurian Solar Energy consultant
Beneficiaries	Students and Faculty
Organizers	Institute innovation council Electrical and Electronics Engineering Department

	IEEE Energy Conservation society
Highlights of the Program	More than 75 Participation. E-Certificates were provided. Discussed about solar radiation availability, Off grid and on grid system and Design of PV system.

Department of Electrical and Electronics Engineering


Announces Online Webinar on

Solar Power Plant Design -An Industrial Perspective

Free Registration
E-Certificates will be provided to all active participants

DATE:16/7/2020
TIME:10:30 AM TO 11:30 AM

Speaker Profile




Mr. Arun Kurian
Solar Energy Consultant

Target Audience
All EEE Students


Reg Link: <https://forms.gle/2s96tGzKKfDyYGQo6>

Contact Details :Mr Sreehari S Assistant Professor Dept. of EEE ASIET
8921541654, 9744576498 sreehari.eee@adishankara.ac.in


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Google Meet




INSTITUTION'S INNOVATION COUNCIL
(Initiative of NED)



सीम seem



IEEE PES
Power & Energy Society®



IASM
IEEE INDUSTRY APPLICATIONS SOCIETY
Linking Research to Practice

Name of the college	Adi Shankara Institute of Engineering and Technology, Kalady
Name of the program	Webinar
Date	18/7/2020
Time	10.30 am-11.30 am
Venue/Online platform	Google meet
Topic	Internet of Things and Industry 4.0

Objective	To discuss about application of IOT in industrial application.
Resource Person	Mr Navaneeth Narayan Senior Projects sales engineer, Automation and controls, Kempston control Dubai
Beneficiaries	Students
Organizers	Institute innovation council Electrical and Electronics Engineering Department IEEE Energy Conservation society
Highlights of the Program	More than 75 Participation. E-Certificates were provided. Discussed about the components of IOT .How IOT is working . Application of IOT in energy management also discussed. Resource person offered collaboration and support for the student projects.



Electrical & Electronics Engineering
IN ASSOCIATION WITH



Free Registration
E-Certificates will be provided to all active participants
Target Audience : Students & Faculties from all Engineering Streams

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Scan Me:





Google Meet

Contact Details :Mr Sreehari S Assistant Professor Dept.of EEE ASIET
8921541654,9744576498 sreehari.eee@adishankara.ac.in



Name of the college	Adi Shankara Institute of Engineering and Technology, Kalady
Name of the program	Webinar
Date	21/7/2020
Time	5.00 pm-6.00 pm
Venue/Online platform	Google meet
Topic	Power converters –An industrial perspective
Objective	To generate knowledge on power converter design in industry.
Resource Person	Mrs Mridula Vijayakumar Former senior consultant power electronics ,Sapience consulting
Beneficiaries	Students and faculty
Organizers	Institute innovation council Electrical and Electronics Engineering Department IEEE Energy Conservation society
Highlights of the Program	Detailed analysis of power converters. Discussed the designing voltage controller and introduced about webench software of Texas instruments .E certificates were provided.

Electrical & Electronics Engineering

In association with:



Date :21/7/2020
Time : 5:00pm to 6:00 pm

Speaker Profile

Free Registration
E- Certificate to all active participants

Target Audience
All students from Circuit Branches

Reg Link
<https://forms.gle/6jbeVXrEQs6JnwmmM8>

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Mrs Mridula Vijayakumar
Former Senior Consultant
Power electronics
Sapience Consulting
(Partner Texas Instruments)

Contact Details

Sreehari S,Assistant Professor,Department of EEE,ASIET
8921541654,9947281186,sreehari.eee@adishankara.ac.in



Name of the college	Adi Shankara Institute of Engineering and Technology, Kalady
Name of the program	Webinar
Date	24/7/2020
Time	5.00 pm-6.00 pm
Venue/Online platform	Google meet
Topic	Renewable Energy in India –Eco system, market trends and opportunities
Objective	To get an insight about current trends and opportunities in renewable energy sector
Resource Person	Mr. Arun Joshy Manager Innovation SB Energy,New Delhi
Beneficiaries	Students and faculty

Organizers	Institute innovation council Electrical and Electronics Engineering Department IEEE Energy Conservation society
Highlights of the Program	Discussed about the current scenario in Renewable energy sector in India. Also discussed about the government initiatives to promote renewable energy and opportunities for the electrical engineers in renewable energy.



Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY

Electrical & Electronics Engineering

In Association With  **INSTITUTION'S INNOVATION COUNCIL**



Announces Online Webinar

RENEWABLE ENERGY in India - Ecosystem, Market Trends & Opportunities

Speaker Profile



Mr. Arun Joshy
Manager Innovation
SB Energy
New Delhi

DATE : 24/07/2020 TIME :05:00 pm to 06 :00 pm

Free Registration
E-Certificates to all active participants
Target Audience : Students from All Engineering streams
Reg Link: <https://forms.gle/S8r1D4DRcQQoG2219>

Scan Me:





Google Meet

Contact Details
Mr Sreehari S Assistant Professor
Dept. of EEE ASIET
8921541654,9744576498
sreehari.eee@adishankara.ac.in



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

INTRODUCTION TO ARTIFICIAL INTELLIGENCE

Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY

SPEAKER

Karthik K
AI Engineer at Innovation Incubator
Industrial Relations Coordinator at IEEE CS SYP

Google Meet
Date: 12 July 2020
Time: 10am - 11am

IEI
INSTITUTION'S INNOVATION COUNCIL
Ministry of HRD Initiative

**Webinar on
INTRODUCTION TO
ARTIFICIAL
INTELLIGENCE**

<https://meet.google.com/wnm-eeck-sdq>

For Queries
Narayanan : 7306471701
Jagannath : 9400754215

“ INTRODUCTION TO ARTIFICIAL INTELLIGENCE ” was organized by IEI in collaboration with INSTITUTION'S INNOVATION COUNCIL at our esteemed institution ADI SHANKARA INSTITUTE OF ENGINEERING AND TECHNOLOGY , ERNAKULAM through Google Meet on 12.07.2020.






















The Webinar was started at 10:00 AM which was followed by the keynote session. The keynote address was given by Chief guest Shri.KARTHIK.K . He is a distinguished AI Engineer at Innovation Incubator and Industrial Relations Coordinator at IEEE CS SYP. He gave a magnificent speech on the topic “INTRODUCTION TO ARTIFICIAL INTELLIGENCE ”.































Numerous cases of social benefits linked to new knowledge and technology from Artificial Intelligence were briefed. Artificial Intelligence has contributed to many diverse

aspects of everyday life. Achieving the ambitious future exploration goals will further expand the economic relevance of AI . It was explained that AI will continue to be an essential driver for opening up new domains in science and technology.

Following this speech, there was a wonderful interactive session where the audience interacted with the speakers clarifying their doubts and asking interesting questions. The successful programme ended around 11:30 am with Vote of Thanks by The SECRETARY –IEI.

The Webinar was very informative and provided the participants with enormous knowledge on various aspects of Space exploration, the recent advancements in Artificial Intelligence and related technology. They loved the event as a whole.

(61)			m	moncy antony	>
	Narayanan Seshan (You)		N	Neaha Rose	>
K	Kavya Padiyar	>	N	NEELIMA SUNIL	>
	karthik k	>		Parvathi Reji	>
	Malavika J	>	P	Parvathy S.kumar	>
	GOVIND .R	>		Preethesh K	>
	Hrithika Pai	>		R ARCHANA Nair	>
	Jagannath Umesan	>		Rahul Gopakumar	>
	Jayadev Vasudevan	>		Remya Ramesh	>
K	Keerthana Prasad	>		Reshmi Bhat	>
	krishnapriya boban	>		Resmi V.R	>
	Lakshmi's Flavour Burst	>	R	Sivanjana KK	>
L	Leena C.L	>		Sreelakshmi Manoj	>
	Libin Luvis	>		Thahseen Shadat	>
	MEGHA JOSE	>			

	ABHIRAMI K A	>		Annmariya Santhosh	>
	Abhirami KB	>		Ansa joseph	>
	abhishek menon	>		Aparna R	>
	Adersh Radhakrishnan	>		Asha Mary Varghese	>
	Adithvakrishna K A	>		Ashily Shibu	>
	Aisha Mehrin	>		AUSHIN JOSE MANJO...	>
	Ajay Antony	>		BONNY JOHNY	NEW
	Ajay Kumar	>		Brijith Balagopal	>
	Akshay Subramanian	>		DEVIKA LEKSHMI J SH...	>
	Aliya Pareed	>		DEVIKA RAJAN	>
	Amal Antony	>		Divya V C	>
	Amal K Roy	>		Elsa Paul	>
	Amal Krishna V	>		gautham g nair nair	>
	Anandakrishnan C. K	>		Gayathri Madhusoodan...	>
	Anirudh D Pai	>		Gopika Rajeev	>

Registration details – 61 participants including students and faculty

ADI SHANKARA INSTITUTE OF ENGINEERING AND TECHNOLOGY, KALADY

CONDUCT OF GUEST LECTURE/TALK

Title of Event: Career Prospects for Electronics Engineers in India (Webinar)

Programme: EC

Semester

All EC students

Date of Event: 16/7/2020

Time: 4:00 pm

Venue: Webinar (Online)

Description of the Event

The Talk on “Career Prospects for Electronics Engineers in India” aims at creating career awareness, motivating and helping the students to attain their career goals. It gives them deep insight into higher studies in India as well as abroad. Also it focuses on different job types in electronics industry and requirements and skill sets needed there to survive. The talk also provides an overview of the challenges and possibilities in startups and the importance of doing internships in good firms.

Objectives:

- (1) Create awareness about the various job profiles in different fields of electronics engineering
- (2) Explore the skill sets required for hardware engineers in different fields

Coordinator(s) of the Event:

Ms. Arya Paul, Asst. Professor, EC, ASIET

Extra-mural speaker / Presenter Name and address:

Mr. Anish Gopinath, Scientist/Engineer, Avionics, VSSC ISRO Trivandrum

Title of Lecture / Presentation Career Prospects for Electronics Engineers in India											
No of faculty members in attendance: 10											
No of students in attendance: Total No. of participants: 67											
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">Sem/Batch</th> <th style="padding: 5px;">No of Students</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">S2 (2019-23) EC</td> <td style="padding: 5px;">15</td> </tr> <tr> <td style="padding: 5px;">S4 (2018-22) EC</td> <td style="padding: 5px;">17</td> </tr> <tr> <td style="padding: 5px;">S6 EC (2017-21)</td> <td style="padding: 5px;">15</td> </tr> <tr> <td style="padding: 5px;">S8 EC (2016-20)</td> <td style="padding: 5px;">10</td> </tr> </tbody> </table>		Sem/Batch	No of Students	S2 (2019-23) EC	15	S4 (2018-22) EC	17	S6 EC (2017-21)	15	S8 EC (2016-20)	10
Sem/Batch	No of Students										
S2 (2019-23) EC	15										
S4 (2018-22) EC	17										
S6 EC (2017-21)	15										
S8 EC (2016-20)	10										
Attested By: (1) Coordinator(s) <div style="margin-top: 20px;"> Ms. Arya Paul, Asst. Professor, EC, ASIET </div> <div style="margin-top: 40px;"> (2) Head of the Department </div>											



Talk on *Career Prospects for Electronics Engineers in India*

**16th July
2020**

**Time:
4.00PM**



Mr. Anish Gopinath
Scientist/Engineer
Avionics, VSSC
ISRO Trivandrum



Organised by

Placement Cell

Dept. of Electronics & Communication Engg.

Adi Shankara Institute of Engineering & Technology, Kalady



nch-kdmv-tcr





" BOT: A NEW INTERFACE" was organized by IEI in collaboration with INSTITUTION'S INNOVATION COUNCIL within our esteemed institution ADI SHANKARA INSTITUTE OF ENGINEERING AND TECHNOLOGY , ERNAKULAM through Google Meet on 19th July 2020.






























The Webinar was started at 10:00 AM. Addressing our honourable guest was done by IEI Students Branch Chairman(ASIET). Then the session began with a small introduction on our topic by Mr. Shekhar Kumar. He is a distinguished Technical Head at Talentas Technology Pvt Ltd. Moreover, he is a former EC student at ASIET(batch 2008-2012). He gave a very informative speech on the topic, "BOT: A NEW INTERFACE".

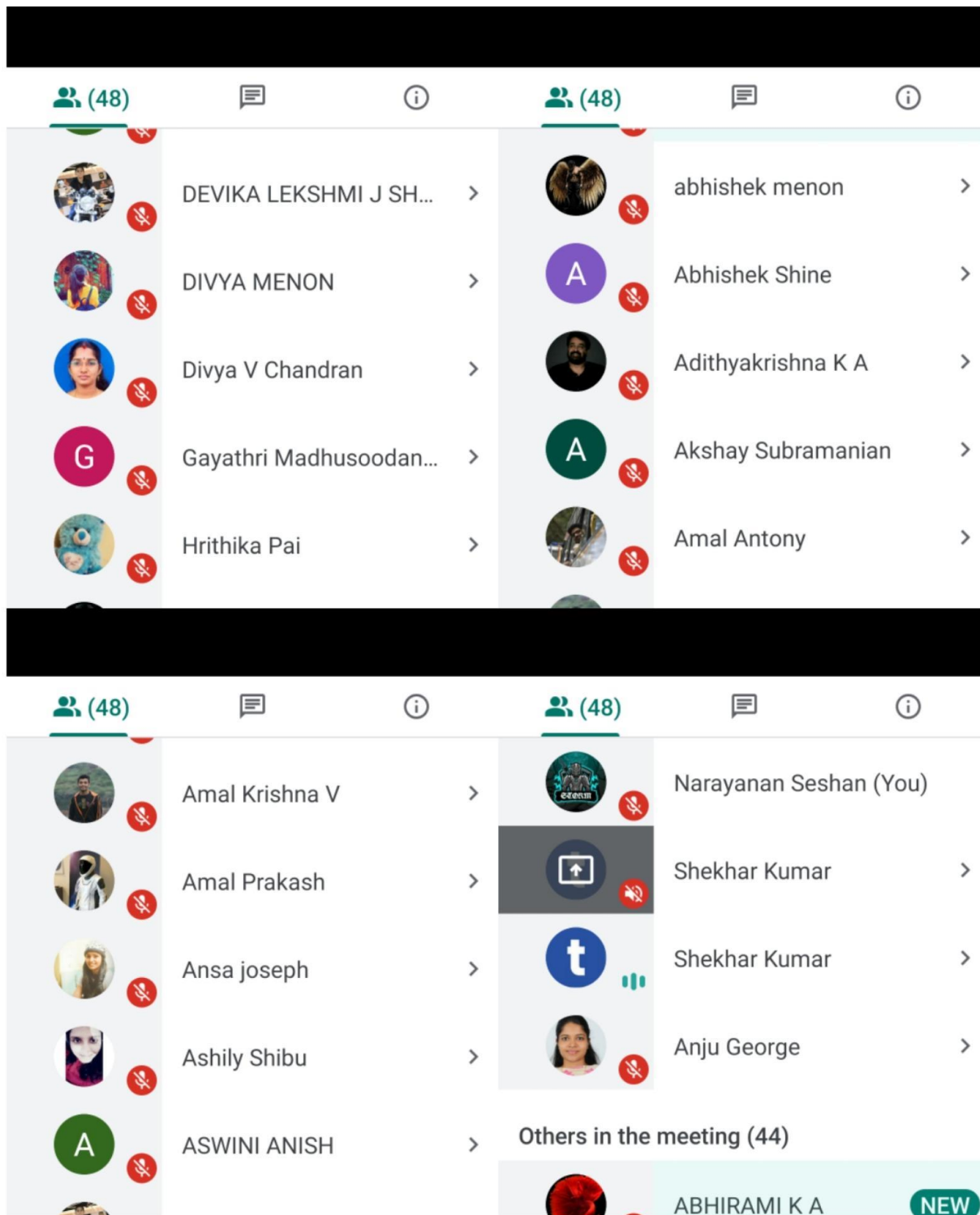
Bots are extremely helpful for businesses that are looking forward to create a strong brand image and provide the best possible customer service. As time goes on, BOTS continue to evolve, become even better , and eventually perform a central role in customer service for all different types of companies. Live session on developing a BOT was the major attractive part within this webinar.

Followed by these, there was a wonderful interactive session where the audience interacted with the speakers clarifying their doubts and asking interesting questions. The session ended in around 11:30 am with Vote of Thanks by IEI Student Branch Secretary(ASIET)

The Webinar was very informative and provided the participants with enormous knowledge on various aspects on developing a BOT, recent advancements within this field

and related technology. As a whole this event is added as another successful stone in the history of IEI student Branch ASIET.

	Sneha V P	>		Mohammed Ameen	>
	sreelakshmi p	>		moncy antony	>
	SREELAKSHMI V	>		Neaha Rose	>
	Sruthilaya Jyothidas	>		NEELIMA SUNIL	>
	vijay krishnan	>		Malavika J	>
	Rahul Gopakumar	>		Meera R	>
	Raja Mohan	>		MEGHA JOSE	>
	Sneha Sneha	>		Merin James	>
	Sneha V P	>		Milan Tomy	>
	sreelakshmi p	>		Jagannath Umesan	>
	NITHIN BENNY	>		JOBIN VARGHESE	>
	PANKAJ KUMAR DWIV...	>		krishnapriya boban	>
	Parvathy S.kumar	>		Livin Varghese	>
	PRANITH S PRABHU	>		Mahith Santhosh	>
	Preethesh K	NEW			



Registration details – 44 participants including staff and students

Webinar on “Career Opportunities in Robotics” 6:00 pm-7:30pm

Date : July 11th 2020

Speaker: Rahul Sharma

Attitude and Orbit control Engineer (AOCS)

AxelSpace Corporation

Tokyo

Japan

Organizers : Ms. Jaimy James Poovely

Ms. Anju George

Ms. Neethu Suman

Content of the topic

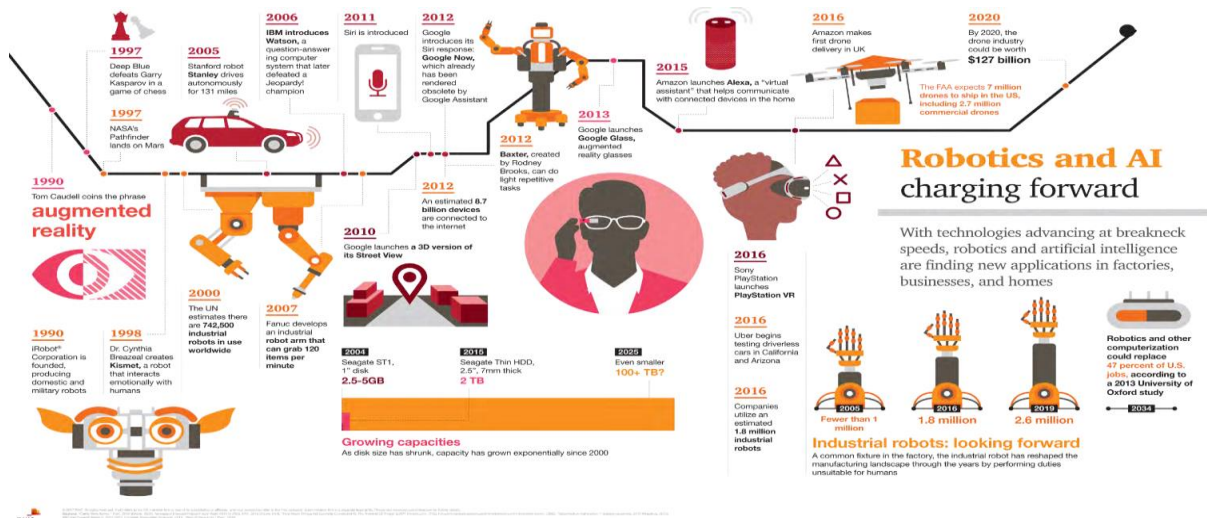
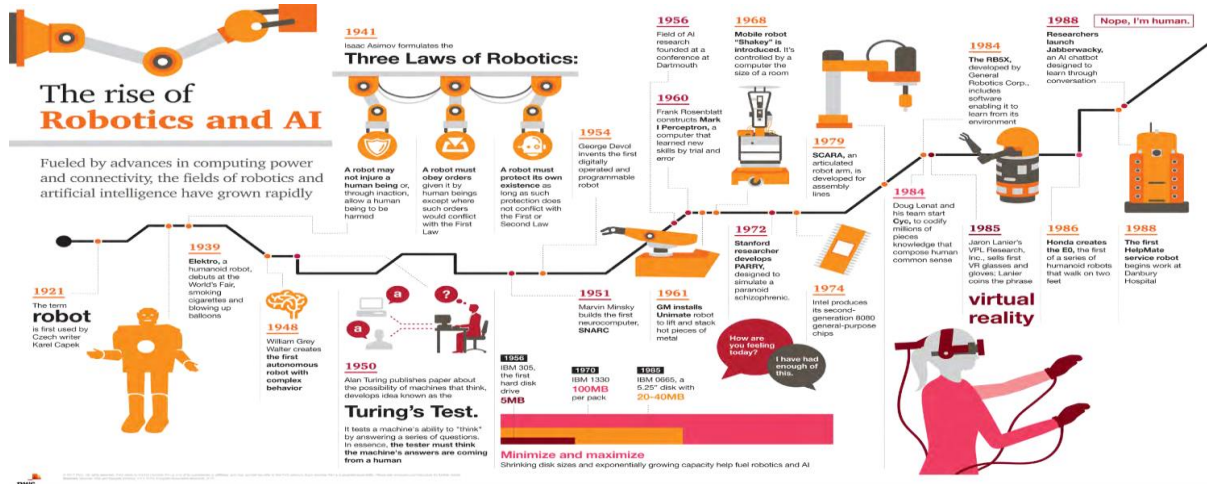
- What is robotics?
- Examples
- Future of robotics
- Application areas
- How to get started?
 - DIY Mobile robot
 - DIY Robotic arm
 - DIY Drones
- Careers in robotics
- Few commonly used tools
- Industries

Robots replace fans at baseball match in Japan

Robotics in post-pandemic times

- **Social-distancing norms** are necessitating the growing usage of artificial yet intelligent autonomous machines in nearly all industries.
- Robotics revolution is swiftly gaining momentum and, in the months, to come, **it might become the new normal.**
- E.g.

- Healthcare industry
- Delivery



What does robot do?

- It must be able to respond to the stimuli based on inputs from external environment.
- It must interpret the stimuli either passively or through active sensing.
- It must do various physical tasks, after decision making as defined in the programs taught to the robot.
- Functions of robot can be classified into three areas

Sensing, Decision-making, Performing

DEPARTMENT OF MECHANICAL ENGINEERING

**Adi Shankara Institute of Engineering and Technology, Department of Mechanical Engineering is organising a webinar on the topic
" Micromachining and Application's "**

in association with Institution's Innovation Council

**Date :17 July 2020
Time: 10AM to 11.30AM**

Speaker: **Dr.Nithin Tom Mathew**
Assistant Professor
Department of Mechanical Engineering
BITS Pilani, Work integrated learning division

Coordinators
Prof. Arun P Das
09495220163.

Prof. Sandeep O S
9947315415

Who can participate :Students, Faculties and Research Scholars.

Fees – Free registration.E – Certificate to all successful participants.

Registration link <https://qr.go.page.link/74J9Z>

Note:
The session will be conducted on Google meet.

**Department of
Mechanical Engineering**
in association with
Institution's Innovation Council

is
Organising
a Webinar on

Micromachining and it's applications

by



Dr. Nithin Tom Mathew

Assistant Professor
BITS Pilani

**Date : 17th July 2020
10 AM to 11 30 AM**

(Free Registration)

SCAN & JOIN



Coordinators

Mr. Arun P Das
9495220163

Mr. Sandeep O S
9447315415

E Certificate will be provided to all successful participants

Adi Shankara Institute of Engineering and Technology, Department of Mechanical Engineering is organising a webinar on the topic " 3D Printing and it's Applications " in association with Institution's Innovation Council

Date :22 July 2020

Time: 10:30AM to 12:00 Noon.

Speaker:Mr.MAYANK GURJAR.

Assistant Professor

IES-IPS ACADEMY, INDORE.

Coordinators

Prof. Goutham S

8129568894

Prof. Sandeep O S

9947315415

Who can participate :Students, Faculties, Research Scholars and Professionals

Fees – Free registration.E – Certificate to all successful participants.

Registration link <https://qr.go.page.link/DRDFE>

Last Date of Registration –21/7/2020

Note:

The session will be conducted on Google meet.

The joining link for the session will be sent to registered participants on 22/07/2020.

For any query contact:

Prof. Arun P Das

09495220163

Last Date of Registration –21/7/2020

Note:

The session will be conducted on Google meet.

The joining link for the session will be sent to registered participants on 22/07/2020.

For any query contact:

Prof. GOUTHAM S

8129568894

**Adi Shankara**
INSTITUTE OF ENGINEERING AND TECHNOLOGY

**INSTITUTION'S
INNOVATION
COUNCIL**
Ministry of HRD Education

**Department of
Mechanical Engineering**
in association with
Institution's Innovation Council

is
Organising
a Webinar on

3D printing and it's applications

by



Mr. Mayank Gurjar
Assistant Professor
IES-IPS ACADEMY, INDORE (M.P.)

SCAN & JOIN



Date : 22nd July 2020
10:30 AM to 12Noon
(Free Registration)

Coordinators
Mr.GOUTHAM S
8129568894
Mr. Sandeep O S
9447315415

E Certificate will be provided to all successful participants

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Importance of AI/ML

Name of the program: Webinar

Date: 23rd July 2020

Venue: Online-Google Meet

Topic: Importance of AI/ML

Objectives:

To make the participants understand the importance of AI/ML and also to let them know about the job prospects of these emerging technologies.

Resource Person: Ms. Gauri Balachandran, Knowledge Officer at ICT Academy of Kerala

Beneficiaries: We had around 50 participants for the webinar

Organiser: IEEE Computer Society of IEEE ASIET Student Branch

Highlights:

Ms. Gauri gave a lot of information about Artificial Intelligence, Data Science and Machine Learning. She had compared and contrasted all the three above topics and gave a clear idea of them. To make it more interesting she also showed a few videos which showed the world market in these engineering aspects. She concluded the talk by giving the job prospects of these emerging technologies and highlighting the importance of AI/ML.

Outcome: The participants learnt about all the emerging technologies like Artificial Intelligence, Data Science and Machine Learning. They also learnt about the current and future scopes for these fields.

Photographs:

in association with ICT Academy of Kerala

Webinar on



Ms. Gauri Balachandran
Knowledge Officer
ICT Academy of Kerala

Importance of AI/ML and job prospects in AI

Date: 23rd July 2020
Time 10.30 am to 11.30 am

Register now:
forms.gle/zyD8EnHG2egM7q6D9

Department of CSE(AI)
"Building a smarter tomorrow"



Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY

For enquiries:

Gripsy Paul :9446045785
Ramesh R :9895529190

10:39

REC

Machine Learning vs Data Science vs Artificial Intelligence

The diagram consists of two overlapping circles. The left circle is purple and contains the text 'Artificial Intelligence (AI)', 'Machine Learning (ML)', and 'Deep Learning (DL)'. The right circle is yellow and contains the text 'Maths & Statistics Visualization EDA'. The intersection of the two circles is orange and contains the text 'DATA SCIENCE'. Below the circles, there is a small text box that says 'matiasgoybl.com is sharing your screen' and a 'Stop sharing' button.

(37)

Ramesh R

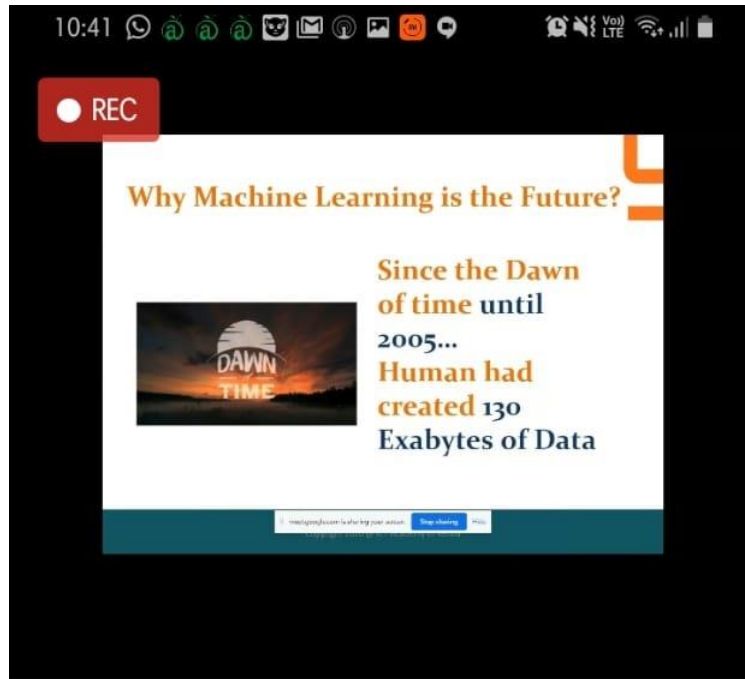
Rohith Biju

S Jayakumar

Sandhra Jolly

shama thomas

Shibi James



(42)

Gripsy Paul (You)

gauri balachandran

>

gauri balachandran

>

Sneha V Iyer

>

Others in the meeting (38)

Abhijith Manoj

>

