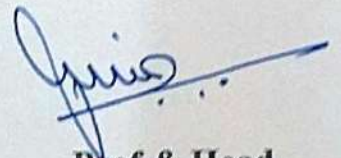


Dr. Ambedkar Institute of technology, Bengaluru-56  
Department of Computer Science & Engineering

The enclosed documents are verified & approved.



**Prof & Head**

Dr. Siddaraju

Department of Computer Science & Engineering

**Professor & Head**  
Department of Computer Science & Engineering  
Dr. Ambedkar Institute of Technology  
Bangalore-560 056.



ಡಾ|| ಅಂಬೇಡ್ಕರ್ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ  
Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

Outer Ring Road, Mallathahalli, Bengaluru-560056, Karnataka, India



## Department of Computer Science and Engineering

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MOU With REVERSEINFOSEC



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# Cyber Security and Ethical Hacking



Nov 2<sup>nd</sup> 2021  
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Vice Principal, Dr. AIT

Chief Coordinator  
**Dr. Gowrishankar S.**  
Professor & DEAN(III),  
Dept of CSE, Dr. AIT

### Coordinators

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Professor & HEAD,  
Dept of CSE, Dr. AIT

**Prof. Srinivasa A. H.**  
Associate Professor  
Dept. of CSE, Dr. AIT

**Prof. Praveena M. V.**  
Assistant Professor  
Dept. of CSE, Dr. AIT

**Prof. Asha Rani K. P.**  
Assistant Professor  
Dept. of CSE, Dr. AIT

**Prof. Veena A.**  
Assistant Professor  
Dept. of CSE, Dr. AIT

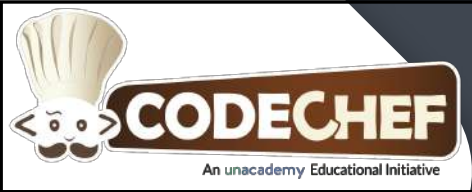
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CodeChef was created as a platform to help programmers make it big in the world of algorithms, computer programming, and programming contests. It is a website for competitive programming that is built basically to help students and professionals to enhance their coding skills. This can be a lot helpful for beginners who want to practice on some of the famous problems. Most of the Industry Placement tests curate questions that are hosted here from various coders. Codechef supports a large number of different programming languages, which makes it convenient for the user to practice in his preferred language.

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**Dr. Gowrishankar S**  
Professor & Dean  
(Industry Institute Interaction)  
Dr. AIT

**Dr. Siddaraju**  
Professor & HEAD  
Dept. of CSE  
Dr. AIT

**Ms. Asha Rani K P**  
Assistant Professor  
IIC - Internship Coordinator  
Dept. of CSE, Dr. AIT

**For more Information, visit**

<https://www.drait.edu.in/>

<https://www.codechef.com/>



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Outer Ring Road, Malathahalli, Bengaluru-560 056, Karnataka, India



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Resource Persons

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Chief Advisor and Infr Architect,  
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**Sukesh Anchan**

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**Chief Coordinator**

**Dr. Siddaraju**  
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of CSE, Dr. AIT

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BDA Outer Ring Road, Mallathahalli, Bengaluru - 560056)



## Department of Computer Science Engineering

# Memorandum of Understanding (MOU)

*Signed with*

**Dr. Gowrishankar S**

Dean(Industry Institute Interaction),  
Dr. AIT



**Dr. Siddaraju**

Professor & HEAD, Dept. of CSE  
Dr. AIT

## Upraised Technology Private Limited

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19 Tulsi Bldg, 14<sup>th</sup> road, Khar West, Mumbai-400052

For More Information Please Contact

**Ms. Asha Rani K P**

Assistant Professor, IIC-Internship Co-ordinator,  
Dept. of CSE, Dr. AIT

**For 2021-2022  
Internships**

## Streams

- All Departments

## Selection Process

- ESAT(Embark Skills Assessment Test) - 3 rounds
- Dr. AIT - 576 students registered
- Mock Tests are going on in different slots for registered students
- ESAT Round - 1 starts from 17<sup>th</sup> OCT
- Note - Students should have access to desktop/laptop with a good internet connection

Duration  
(in Months)  
**06 or 02**

Mode  
**ONLINE**

**WEBSITE LINK**

<https://www.upraised.co/embBeGg80>

## Skills Required

- Problem Solving Skills & Analytical Skills
- Agility & Flexibility
- Interest to work with start-ups
- Communication Skills

## Domains

- Product & Growth
- Design
- People Operations & Business Operations
- Analytics

## Perks

- Stipend based Internship
- Internship Completion Certificate
- Conversion of Internships to Full time

Employment

## OVERVIEW :

This workshop aims to provide the participants with the focus set to reflect the latest research on advance issue in Robotics and Automation. In last decade the research on robotics has been strongly focused on development of automation.

## COURSE OBJECTIVES :

- >To understand the basic concepts associated with the design, functioning and applications of Robots
- >To study about the robotic control
- >To learn about analyzing Robot Kinematics and Robot Programming

## COURSE OUTCOMES :

- >Able to understand the robotics system in depth and its applications.
- >Able to understand kinematics and Dynamics of Robots.
- >Able to understand the controlling part of Robot.
- >Able to learn programming of Arduino using Proteus Software.
- >Able to understand about Robotic Vision and working of Mobile robots.

## COURSE CONTENTS :

- >Introduction to Robotics and Automation.
- >Kinematics and Dynamics of Robot.
- >Robotic Control
- >Simulation session on arduino uno.
- >Robotic Vision and working of Mobile robots.
- >Career Opportunities

## About the Organization



DR. AMBEDKAR INSTITUTE OF TECHNOLOGY is managed by Panchajanya Vidya Peetha Welfare Trust (Regd.) was established by late Sri. M. H. Jayaprakash Narayan in 1979. The institute is affiliated to Visvesvaraya Technological University (VTU), Belagavi and is Accredited by AICTE. The institute has been accredited by NAAC with 'A' grade and is mentee institute for Institution of Engineering & Technology, Dr. Ram Manohar Lohia Avad University, Faizabad, Uttar Pradesh. most of the programmes are accredited by NBA. A part from 10 disciplines of Engineering, The institute also offers MCA, MBA and M.Tech. programs in various specializations. The institute is one among the 14 colleges selected for receiving the world bank assistance under the technical education quality improvement programme (TEQIP-III) through the government of India.

## ABOUT THE DEPARTMENT

The Dept. of Electronics and Communication Engineering came into grant-in-aid of Government of Karnataka in 1992. The UG course has been started in the year 1982 with an intake of 60 and presently UG program intake is 180. The PG course M.Tech in VLSI Design and Embedded Systems was started in 2003-2004 with an intake of 18. Staffs are highly qualified and also the members of prestigious professional bodies like IEEE, ISTE, SSI AND CSI. IEEE student chapter has been setup. Students have participated and won prizes in intercollegiate technical activities.

## DR. AMBEDKAR INSTITUTE OF TECHNOLOGY

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**One Week Workshop**  
on  
**“Robotics and Automation”**  
from  
**08-08-2022 to 13-08-2022**

**Sponsored by**

**Karnataka Science and  
Technology Academy**



**ORGANIZED BY  
DEPT. OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

## **CHIEF PATRONS:**

**Sri Mariswamy S.,**

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**Dr. M Meenakshi,**

Principal, Dr A.I.T, Bengaluru.

**Dr. K N Anuradha,**

Dean (A), Dr A.I.T, Bengaluru

### **Vision**

To excel in education and research in Electronics and Communication Engineering and its related areas through its integrated activities.

### **Mission**

- To provide students a strong foundation in Electronics and Communication Engineering.
- To provide high quality technical education in Electronics and Communication Engineering discipline and its related areas to meet the growing needs and challenges of industry and society.
- To be a contributor to technology through the process of skill development, value based education, research and innovation

### **Chief Coordinator:**

**Dr. S Ramesh**

Prof. and HOD, Dept. of ECE

Dr A.I.T, Bengaluru.

### **Coordinators:**

**Mrs. Mala Sinnor, Asst. Professor,**

**Email: [malasinnoor.ec@drait.edu.in](mailto:malasinnoor.ec@drait.edu.in)**

**Mrs. Vidyashree C, Asst. Professor,**

**Email: [vidyashreec.ec@drait.edu.in](mailto:vidyashreec.ec@drait.edu.in)**

**Ms.Spoorthi P A, Asst. Professor,**

**Email: [spoorthi.pa.ec@drait.edu.in](mailto:spoorthi.pa.ec@drait.edu.in)**

Dept. of ECE, Dr A.I.T, Bengaluru

**Contact number: 9035286400**

### **Registration Link:**

**<https://forms.gle/GEiOb2w5rRO23oMg7>**

## **One Week Workshop**

on

**“Robotics and Automation”**

from

**08-08-2022 to 13-08-2022**

Name: .....

Designation .....

Department .....

Institution .....

e-mail id .....

Mobile Number .....

Address .....

### **Declaration :**

I declare that all the details furnished above are true to the best of my knowledge and I agree to abide by the rules and regulations governing the conduct One Week Workshop on “Robotics and Automation”.

Date :

Place : Signature of the Applicant

### **Authorization Certificate :**

This is to certify that \_\_\_\_\_ is a regular Student /Research Scholar of our institutions and is hereby permitted to attend One Week Workshop on “Robotics and Automation” at Dept. of ECE, Dr.AIT. Bengaluru..

Date :

Place :

Signature of the HOD/ Principal with seal.



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**Report on Karnataka Science and Technology Academy (KSTA), Govt. of Karnataka, Sponsored an Online Five Days Workshop Program on “Robotics and Automation” from 8th August 2022 to 13th August 2022, Organized by the Department of Electronics and Communication, Dr. Ambedkar Institute of Technology, Bengaluru.**

The Department of Electronics and Communication Engineering, Dr. Ambedkar Institute of Technology has organized Karnataka Science and Technology Academy (KSTA) sponsored online five days workshop Program on “Robotics and Automation” on 8th August 2022 to 13th August 2022.

Professor and Head of the Department ECE, Dr. S Ramesh, along with the Chief Convenor Dr.M.Meenakshi , Principal, Dr. AIT ,along with Conveners Dr.M.V Vijaykumar, Vice -Principal and Dr.K N Anuradha, Dean (Academic) and Coordination of Mala Sinnoor, Assistant Professor, Vidyashree C, Assistant Professor and Spoorthi P A, Assistant Professor, Dept. of ECE, Dr A.I.T, Bengaluru, has inaugurated the event at 9.30 AM in ECE Seminar Hall with the inspirational thoughts and practical experiences.

**Total number of participants for the workshop was 76**

<b>Participants</b>	<b>No. of participants from Karnataka</b>
Female students	25
Male students	48
Total	73

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**Online Five Days Workshop Program on “Robotics and Automation” Sponsored by Karnataka Science and Technology Academy (KSTA), Govt. of Karnataka.**





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**Online Five Days Workshop Program on “Robotics and Automation” Sponsored by  
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## Category wise participants for the Workshop

Category	Number of Participants
General	16
OBC	52
SC	04
ST	1
Others	0
Total	73

### **Day 1 Session 1 (10. 00am to 12.00pm):**

Session 1 of the first day started at 10.00am on 08/08/2022 in ECE seminar hall and was presented by Dr.Karthikeyan M, Head and Professor, Department of Robotics and Automation,Rajarajeshwari College of Engineering, Bengaluru. The Session was started with a brief introduction of Robotics & Automation.With this overview he went on explaining Robotics. There were many topics covered during the session like the importance of Robotics,Types of Robots,importance of Robotics in the industry,and explained the importance of this session for the students to gain hands-on experience in the latest trends of Robotics in automotive industries.

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**Online Five Days Workshop Program on “Robotics and Automation” Sponsored by Karnataka Science and Technology Academy (KSTA),Govt. of Karnataka.**



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**Online Five Days Workshop Program on “Robotics and Automation” Sponsored by  
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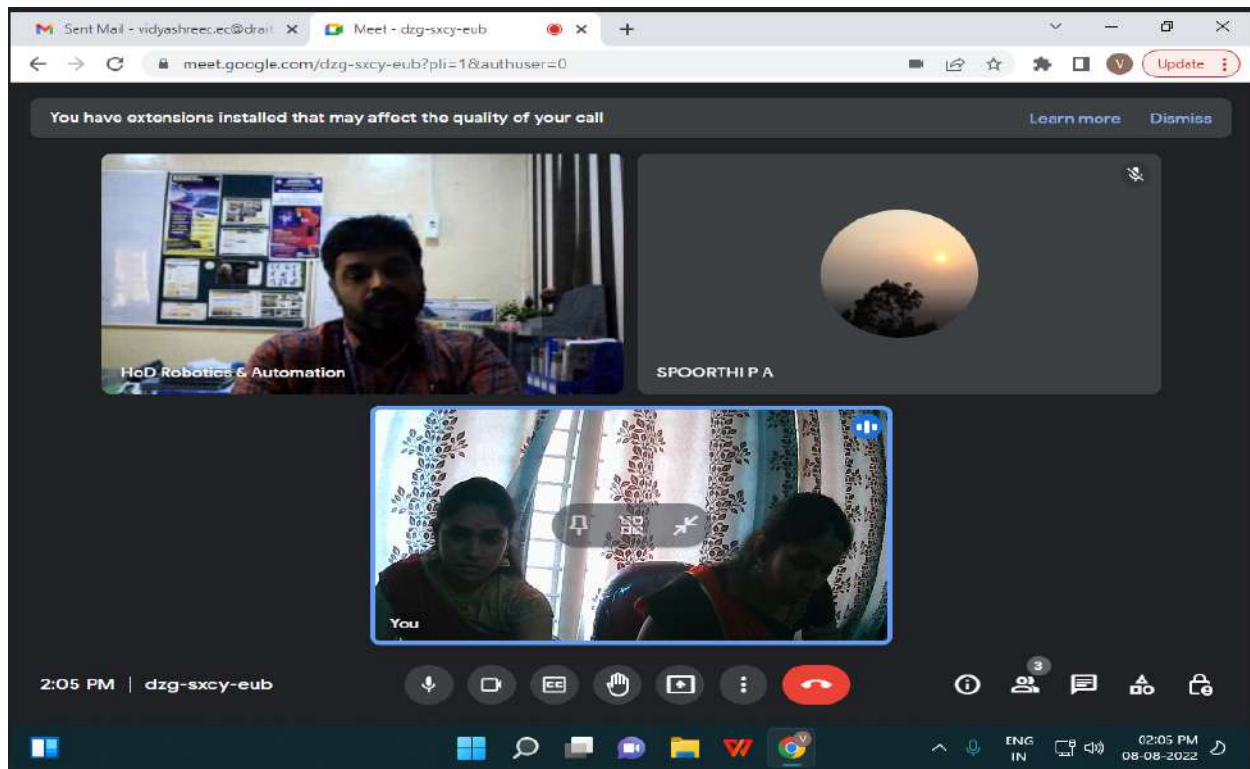
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## Day 1 Session 2 (2.00 pm to 4.00pm):

The Session was started with a brief introduction of Kinematics of Robot by Dr.Murugarajan A,Professor and Head,Department of Robotics and automation,Sree Ramakrishna College of Engineering ,Coimbatore.In briefing about basics of Kinematics of robots ,Kinematics is the study of the relationship between a robot's joint coordinates and its spatial layout, and is a fundamental and classical topic in robotics. Kinematics can yield very accurate calculations in many problems, such as positioning a gripper at a place in space, designing a mechanism that can move a tool from point A to point B, or predicting whether a robot's motion would collide with obstacles.



**Online Five Days Workshop Program on “Robotics and Automation” Sponsored by Karnataka Science and Technology Academy (KSTA),Govt. of Karnataka.**



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## **Day 2 -Session 3 (10. 00am to 12.00pm):**

The Session was started with a brief introduction of Dynamics of Robots by Dr.Murugarajan A,Professor and Head,Department of Robotics and automation,Sree Ramakrishna College of Engineering ,Coimbatore. Various topics covered in this session were Forward Dynamics and Inverse Dynamics .**Robot dynamics** is concerned with the relationship between the forces acting on a robot mechanism and the accelerations they produce. Typically, the robot mechanism is modeled as a rigid-body system, in which case robot dynamics is the application of rigid-body dynamics to robots. The two main problems in robot dynamics are:

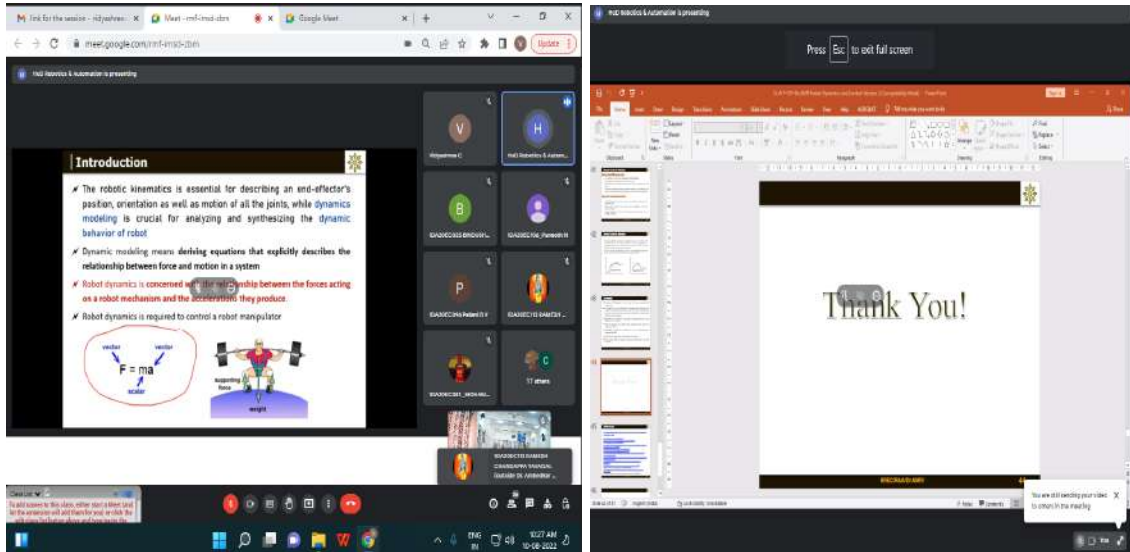
- **Forward dynamics:** given the forces, work out the accelerations.
- **Inverse dynamics:** given the accelerations, work out the forces.

Forward dynamics is also known as "direct dynamics," or sometimes simply as "dynamics." It is mainly used for simulation. Inverse dynamics has various uses, including: on-line control of robot motions and forces, trajectory design and **optimization**, design of robot mechanisms, and as a component in some forward-dynamics **algorithms**.



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## Day-2 Session 4 (2.00 pm to 4.00pm):

The Session was started with control of Robotics by Sarveswaran S, Assistant professor, Department of Robotics and automation, Sree Ramakrishna College of Engineering, Coimbatore.

The speaker discussed Robotic **control** as the system that contributes to the movement of **robots**. This involves the mechanical aspects and programmable systems that make it possible to control robots. Robotics could be controlled in various ways, which includes using manual control, **wireless control**, semi-**autonomous** (which is a mix of fully automatic and wireless control), and fully autonomous (which is when it uses **artificial intelligence** to move on its own, but there could be options to make it manually controlled). In the present day, as technological advancements progress, robots and their methods of control continue to develop and advance.

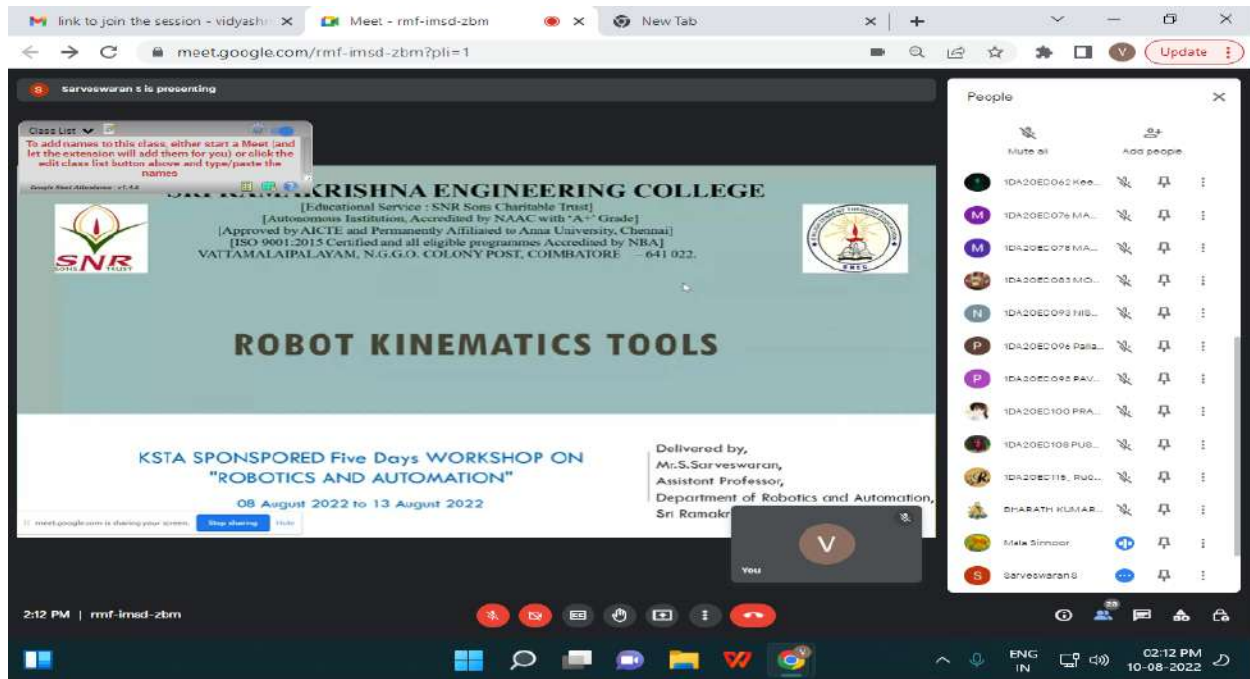
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## Day 3 -Session 5 (10. 00am to 12.00pm):

The session was started by Introduction to Arduino Uno by Mr.Panduranga N M,Embedded software engineer at Embiot technologies Pvt.Ltd. **Arduino Uno** is an [open-source microcontroller board](#) based on the [Microchip ATmega 328P](#) microcontroller and developed by [Arduino.cc](#) and initially released in 2010.The board is equipped with sets of digital and analog [input/output \(I/O\) pins](#) that may be interfaced to various [expansion boards](#) (shields) and other circuits.<sup>[1]</sup> The board has 14 digital I/O pins (six capable of [PWM](#) output), 6 analog I/O pins, and is programmable with the [Arduino IDE](#) (Integrated Development Environment), via a type B [USB cable](#).

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**Online Five Days Workshop Program on “Robotics and Automation” Sponsored by Karnataka Science and Technology Academy (KSTA),Govt. of Karnataka.**



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## **Day-3 Session 6 (2.00 pm to 4.00pm):**

The afternoon session about Arduino Uno was continued by Mr. Panduranga N M, Embedded software engineer at Embiot technologies Pvt.Ltd. Various components that can be interfaced with Arduino Uno were introduced. A sensor records the physical data by changing the voltage at their output pin in response to different physical conditions.

Arduino Uno has a set of Analog input pins which can be used to take analog input signals from a sensor.

Remember there are two types of signals:

1. Digital Signals: These signals have only two values i.e. 1 or 0 (on or off).

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**Online Five Days Workshop Program on “Robotics and Automation” Sponsored by Karnataka Science and Technology Academy (KSTA), Govt. of Karnataka.**





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2. Analog Signals: These signals have values in a range. In the case of Arduino it scales the value in the range from 0 to 255.

## **Day 4-Session 7 (10. 00am to 12.00pm):**

The Session was started with a brief introduction of robotic vision by Mr.Girish Baliga,Marketing engineer,Keysight technologies. A robotic vision system is a technology that enables a robot to “see.” These systems enable the machine to be able to identify, navigate, inspect or handle parts or tasks.

A robotic vision system consists of one or more cameras connected to a computer. The computer contains a processing software program that helps the robot interpret what it sees. Then, the robot follows the program’s instructions—specified by the manufacturing facility’s staff—to complete the specified task.

Additional elements, such as lighting, image sensors, communications devices or other components, can be incorporated to add to the machine’s overall capabilities.



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## **Day-4 Session 8 (2.00 pm to 4.00pm):**

The Session was started with an introduction of Mobile Robots by Mr. Girish Baliga, Marketing engineer, Keysight technologies. A **mobile robot** is an **automatic machine** that is capable of **locomotion**. Mobile robotics is usually considered to be a subfield of **robotics** and **information engineering**. Mobile robots have the capability to move around in their environment and are not fixed to one physical location. Mobile robots can be "autonomous" (AMR - **autonomous mobile robot**) which means they are capable of navigating an uncontrolled environment without the need for physical or electro-mechanical guidance devices. Alternatively, mobile robots can rely on guidance devices that allow them to travel a predefined navigation route in relatively controlled space. By contrast, **industrial robots** are usually more-or-less stationary, consisting of a **jointed arm** (multi-linked manipulator) and **gripper** assembly (or **end effector**), attached to a fixed



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surface.



## **Day 5-Session 9(10. 00am to 12.00pm):**

The Session was started by giving a brief about career opportunities in the field of Robotics by Mr.Girish Baliga,Marketing engineer ,Keysight technologies.A career in robotics is an incredibly rewarding path for budding engineers. With newer, faster, and more intelligent robots introduced every day, the industry offers several exciting careers for robotics engineers. Become part of the revolution today and join the ever-growing field.From manufacturing and healthcare to agriculture and surveillance, robotics is helping shape a new world.

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**Online Five Days Workshop Program on “Robotics and Automation” Sponsored by Karnataka Science and Technology Academy (KSTA),Govt. of Karnataka.**



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**Session 10 -Valedictory : After the last session valedictory was held from 12.00 PM to 1:00PM.**



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Panchajanya Vidya Peetha Welfare Trust (R)  
**Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY**  
(An Autonomous Institution affiliated to VTU, Belagavi)  
BDA Outer Ring Road, Mallathalli, Bengaluru-56&

**NPIU**  
National Project Implementation Unit

## **REPORT**

TEQIP – III Sponsored  
**15 Days Online Future Skill Training Program For Students on**  
**“Artificial Intelligence and Machine Learning”**  
From  
1<sup>st</sup> to 18<sup>th</sup> September 2021

**Organized by Department of Computer Science and Engineering and Department of Electronics and Communication, Dr. AIT**

Fifteen Day Future Skill Training Program For Students on “**Artificial Intelligence and Machine Learning**” was organized for Students of Final and Pre Final year students of Dr AIT from 1<sup>st</sup> -18<sup>th</sup> September 2021, with Chief Coordination by Dr. Siddaraju, Prof. and Head, Department of CSE and Dr. Ramesh S, Prof. and Head, Dept. of ECE and coordinated by **Srinivas A. H**, Associate Professor, Dept. of CSE, **Swamy T. N**, Assistant Professor, Dept. of ECE, **Shalini N**, Assistant Professor, Dept. of CSE.

Around 83 participants had registered for this program with **14 Students from CSE, 68 students from ECE and 01 from EIE of Dr. Ambedkar Institute of Technology**. Resource person were **Srinivas A. H**, Associate Professor, Dept. of CSE, **Swamy T. N**, Assistant Professor, Dept. of ECE, **Shalini N**, Assistant Professor, Dept. of CSE, Dr. AIT. They have enormous teaching experience in the field of Image Processing, Artificial Intelligence-Machine Learning, VLSI. Also published many research papers in reputed indexed Journals. Also trained faculties and students in various colleges.

Inaugural Session started with Welcome address by Shalini N, Coordinator, Asst. Professor Dept. of CSE. Swamy T. N., Coordinator & Resource Person, Asst. Professor Dept. of ECE explained the Course contents and learning objectives to participants followed by HOD’s Address to participants. TEQIP-3 Coordinator, Dr. Mahalinga V Mandi, addressed the Participants and mentioned the importance of the course. Also participants were informed that

Organized by Dept. of CSE and ECE, Dr.AIT, Bengaluru from 1<sup>st</sup> – 18<sup>th</sup> September 2021.



test will be conducted by NASSCOM. And finally inaugural session ended with Vote of Thanks by Srinivas, Coordinator, and Associate. Professor Dept. of CSE.

Session was followed by a Valedictory Function which was attended by HOD, Dr. Ramesh S, faculty members of ECE Department and participants, where in the Resource Person briefed about topics covered and outcomes, HoD addressed the participants, and he insisted coordinators to share the recorded video for all participants followed by Feedback by participants and Vote of Thanks By Srinivas A. H, Coordinator, Associate. Professor, Dept. of CSE. Test was conducted using Google forms. Certificates were mailed to participants on providing or filling the Feedback Form and taking test. 15 days future skill training program was successfully completed.



**Dr. Ambedkar Institute of Technology**  
An Autonomous Institution, Aided by Government of Karnataka, Accredited by NAAC and Affiliated to VTU, Belagavi  
Outer Ring Road, Mallathahalli, Bengaluru 560056.  
TEQIP-III Sponsored

15 Days Online Future Skill Training for Students  
on  
**“Artificial Intelligence and Machine Learning”**  
Date: 01-09-2021 to 18-09-2021  
Organized by  
Department of Electronics and Communication Engineering  
Department of Computer Science and Engineering

**Coordinators: Srinivas A. H, Swamy T.N, Shalini N**

Coordinators

1. Srinivas A. H,
2. Swamy T. N
3. Shalini N

Organized by Dept. of CSE and ECE, Dr.AIT, Bengaluru from 1<sup>st</sup> – 18<sup>th</sup> September 2021.

# Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institution affiliated to VTU, Belagavi)

BDA Outer Ring Road, Mallathalli, Bengaluru-56

Registered Students list

## TEQIP-3 Sponsored Future Skill Training Program on Artificial Intelligence and Machine Learning

From 1<sup>st</sup> to 18<sup>th</sup> September 2021

S L N O	Student Name	USN	Dep art men t	Gender	Email	Cate gory
1	ANUPAMA A S	1DA18CS019	CSE	Female	anupamaas12@gmail.com	OBC
2	SAHANA K.S	1DA19EC122	ECE	Female	sahanasanju2002@gmail.com	OBC
3	LIKHITH D	1DA18EC075	ECE	Male	hiregowjalikhith@gmail.com	OBC
4	VAISHALI B	1DA18CS177	CSE	Female	vaishu0313@gmail.com	OBC
5	TEGGINAMATHA DA BASAVANANDA	1DA20EC423	ECE	Male	cscvle007@gmail.com	GM
6	PADMASHREE A	1DA19EC180	ECE	Female	padmashree.a145@gmail.com	GM
7	SUSHMITHA. A	1DA19EC153	ECE	Female	1da19ec153.ec@drait.edu.in	SC
8	ROJA K S	1DA19EC119	ECE	Female	rojaks2001@gmail.com	OBC
9	ANUSHA H	1DA19EC016	ECE	Female	anushah23042001@gmail.com	OBC
10	BRUNDA N MAILI	1DA18CS033	CSE	Female	brundanm99@gmail.com	OBC
11	PUSHPA P	1DA18EC103	ECE	Female	pushpanjali9779@gmail.com	SC
12	YASWANTH MADUGUNDU	1DA19EC074	ECE	Male	1da19ec074.ec@drait.edu.in	GM
13	ANJALI DEVI N	1DA19EC015	ECE	Female	ad4069400@gmail.com	OBC
14	LIPIKA KRISHNA. M	1DA19EC073	ECE	Female	1da19ec073.ec@drait.edu.in	OBC
15	JAMALUDDIN HAMZAH ALI	1DA18EC055	ECE	Male	jamaluddin2509@gmail.com	OBC
16	NITEESHMURTHY BHAT	1DA18CS104	CSE	Male	niteeshn158227@gmail.com	GM
17	Y AMISHA	1DA19EC170	ECE	Female	aamisha813@gmail.com	OBC
18	YASEEN DASAGEERSAB NADHAF	1DA20EC427	ECE	Male	yaseennadaf216@gmail.com	OBC
19	VIJAYLAKSHMI H J	1DA19EC164	ECE	Female	vijaylakshmihj67@gmail.com	OBC
20	SUMANTH M N	1DA19EC150	ECE	Male	sumanthmn7102001@gmail.com	GM
21	SHREYA.C	1DA19EC136	ECE	Female	shreyachandregowda@gmail.com	OBC
22	RESHMA D	1DA18EC111	ECE	Female	1da18ec111.ec@drait.edu.in	OBC

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Registered Students list

## TEQIP-3 Sponsored Future Skill Training Program on Artificial Intelligence and Machine Learning

From 1<sup>st</sup> to 18<sup>th</sup> September 2021

23	MAHEBOOB BAIG	1DA20EC410	ECE	Male	maheboobbaig25@gmail.com	OBC
24	PUNEETH N	1DA19EC185	ECE	Male	punithn2001@gmail.com	ST
25	ARADHANA.S	1DA20EC402	ECE	Male	1da20ec430@drait.edu.in	SC
26	KULAL UTTAM RAJENDRA	1DA18EC066	ECE	Male	uthamrkulal@gmail.com	OBC
27	AISHWARYA R D	1DA18CS010	CSE	Female	desaiaishwaryar37@gmail.com	GM
28	DARSHAN V P	1DA19EC031	ECE	Male	1da19ec031.ec@drait.edu.in	OBC
29	BHAVANA.T	1DA19EC024	ECE	Female	bhavubhavana772@gmail.com	SC
30	RUCHITHA B P	1DA19EC182	ECE	Female	ruchithabp@gmail.com	OBC
31	MOHAMMED OWAIS GOGI	1DA18CS087	CSE	Male	mdowais10160@gmail.com	OBC
32	ANITHA G S	1DA18EC014	ECE	Female	anithags086@gmail.com	OBC
33	LIKITH R	1DA18CS073	CSE	Male	1da18cs073.cs@drait.edu.in	OBC
34	PADMA SHREE B H	1DA20EC413	ECE	Female	helloiam112000@gmail.com	SC
35	NIKHIL V K	1DA18EC090	ECE	Male	nikhilvk888@gmail.com	OBC
36	KOWSALYA H T	1DA19EC416	ECE	Female	kowsalyaht23696@gmail.com	OBC
37	UPENDRA	1DA19EC157	ECE	Male	uppi1718@gmail.com	SC
38	VIJAYBHASKAR T	1DA19EC163	ECE	Male	vijayrebel9919@gmail.com	OBC
39	PAVITHRA.S	1DA19EC097	ECE	Female	1da19ec097.ec@drait.edu.in	GM
40	MANJUNATHA GOWDA N	1DA18EC078	ECE	Male	manjugowda2906@gmail.com	OBC
41	KAVYASHREE R	1DA19EC065	ECE	Female	1da19ec065.ec@drait.edu.in	OBC
42	VAIJINATH	1DA19EC160	ECE	Male	vaijinathmalge929@gmail.com	ST
43	ANISH.N	1DA18CS016	CSE	Male	anishfeb29@gmail.com	GM
44	KARTHIK BHAT Y	1DA18EC060	ECE	Male	karthikbhaty@gmail.com	GM
45	CHAITHRA HG	1DA19EC028	ECE	Female	1da19ec028.ec@drait.edu.in	SC
46	LIKITH KUMAR GOWDA	1DA18EC076	ECE	Male	likithgangaiah@gmail.com	OBC
47	YASEEN ABDULAJEEJ NADAF	1DA18EI043	EIE	Male	yaseennadafterth@gmail.com	OBC
48	RADHIKA R	1DA19EC426	ECE	Female	1da19ec426.ec@drait.edu.in	OBC
49	KAVITA	1DA18EC061	ECE	Female	kavitark2000@gmail.com	OBC
50	PREMA	1DA19EC106	ECE	Female	premapatil186@gmail.com	GM

# Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institution affiliated to VTU, Belagavi)

BDA Outer Ring Road, Mallathalli, Bengaluru-56

Registered Students list

## TEQIP-3 Sponsored Future Skill Training Program on Artificial Intelligence and Machine Learning

From 1<sup>st</sup> to 18<sup>th</sup> September 2021

	HANAMANTHRAY PATIL					
51	NAYANA M	1DA19EC088	ECE	Female	1da19ec088.ec@drait.edu.in	OBC
52	VANLALRINCHHANNA	1DA19EC161	ECE	Male	chhana4th@gmail.com	ST
53	VIJAYALAKSHMI P	1DA19EC437	ECE	Female	vijayalakshmip067@gmail.com	OBC
54	SHRUTI CHANNABASAPPA LAMANI	1DA19CS422	CSE	Female	shrutilamani1234@gmail.com	SC
55	MOHNISH S	1DA18EC081	ECE	Male	mohnishshivanand@gmail.com	OBC
56	ASHWINI H K	1DA19EC020	ECE	Female	ashwiniashwini58377@gmail.com	OBC
57	JEEVITHA K	1DA18EC058	ECE	Female	jeevithakumarswamy284@gmail.com	OBC
58	TEJAS R	1DA20EC424	ECE	Male	tejaskumar7070@gmail.com	GM
59	SUMANTH S R	1DA19EC184	ECE	Male	sumanthsr2001@gmail.com	GM
60	V RAHUL	1DA18CS176	CSE	Male	rahulvenkat40@gmail.com	GM
61	MUNIKRISHNA V	1DA18EC083	ECE	Male	munikrishna1823@gmail.com	SC
62	POOJA H B	1DA19EC098	ECE	Female	poojahb2002@gmail.com	SC
63	GAGANA LY	1DA20EC406	ECE	Female	yogilv7@gmail.com	OBC
64	RAKSHITH S	1DA18EC107	ECE	Male	1da18ec107.ec@drait.edu.in	GM
65	NANDITHA A	1DA19EC087	ECE	Female	1da19ec087.ec@drait.edu.in	OBC
66	ARCHANA K P	1DA18EC022	ECE	Female	1da18ec022.ec@drait.edu.in	OBC
67	HARIPRIYA JORAPUR	1DA18CS055	CSE	Female	haripriya.jorapur@gmail.com	GM
68	LAKSHMI JANAKI K	1DA18EC069	ECE	Female	lakshmijanaki1@gmail.com	GM
69	ASHA IRA NAIK	1DA20EC403	ECE	Female	ashanaik099@gmail.com	OBC
70	NIRANJAN KUMAR R	1DA18EC091	ECE	Male	niranjan982.r@gmail.com	SC
71	VAISHNAVI H A	1DA18CS178	CSE	Female	vaishnaviarun026@gmail.com	GM
72	ANUSHREE H K	1DA18EC021	ECE	Female	anushreehkanukgouda079@gmail.com	OBC
73	NEELAMBIKA	1DA18CS097	CSE	Female	neelambikas819@gmail.com	OBC
74	SUSHMITHA K R	1DA18CS167	CSE	Female	sushmithakr30@gmail.com	ST

## Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institution affiliated to VTU, Belagavi)

BDA Outer Ring Road, Mallathalli, Bengaluru-56

Registered Students list

### TEQIP-3 Sponsored Future Skill Training Program on Artificial Intelligence and Machine Learning

From 1<sup>st</sup> to 18<sup>th</sup> September 2021

75	ANEES FATHIMA	1DA19EC014	ECE	Female	aneessana656@gmail.com	GM
76	NIDHI S RAIKAR	1DA19EC089	ECE	Female	nidhisraikar28@gmail.com	OBC
77	HARIPRIYA R	1DA19EC046	ECE	Female	1da19ec046.ec@drait.edu.in	OBC
78	NANDINI DEY	1DA18EC086	ECE	Female	deynandini2010@gmail.com	GM
79	KAVYA M K	1DA19EC064	ECE	Female	1da19ec064.ec@drait.edu.in	OBC
80	RAMYA B S	1DA18EC109	ECE	Female	ramya.b.s.289@gmail.com	SC
81	SUPARNA BK	1DA19EC151	ECE	Female	suparnagowda22@gmail.com	OBC
82	SNEHA G R	1DA19EC141	ECE	Female	snehagowda887@gmail.com	OBC
83	SHASHANK J	1DA18EC123	ECE	Male	shashijteddy@gmail.com	GM

#### Coordinators

1. Srinivas A. H,
2. Swamy T. N
3. Shalini N

## **Department of Electrical and Electronics Engineering**

### **Dr.Ambedkar Institute of Technology**

### **Personality Development Programme**

#### **Coordinators: (1) Dr Eranna (2) Dr S.Vasudevamurthy**

The overall development of students is the requirement to face the challenges at the global level. The employability and entrepreneurship of an individual depends on one's own confidence, skills, communication and other capabilities of a person. Therefore there is a strong need for training in the area of communication, skill development etc., in addition to the regular academic learning.

In view of this, the Department is regularly organizing the 'Personality Development Program' for pre final year students for the past fifteen years in association with Swami Vivekananda Public Trust, Bengaluru.

**Personality Development Program – 2022 was conducted from 26<sup>th</sup> to 28<sup>th</sup> May 2022** in the department of Electrical and Electronics Engineering for VI semester Electrical and Electronics Engineering (58Students), coordinated by Dr.Eranna and Dr.S.Vasudevamurthy, Associate Professors in the department.

The program started with Inaugural session in the presence of Dr. Jayaramaiah, Head of the department, Dr.S.Vasudevamurthy, Coordinator and Prof. Dayananda, Associate Prof. Department of EEE.After the introductory session, the lectures covered topics on Goal setting and accomplishment, positive mental attitude, Public speaking and facing interviews. The day's sessions were concluded with Yoga and meditation training. The second day sessions were focused on training students on public speaking, Success strategies, Memory and its kinds, Self confidence and Yoga training. On the third day students were trained on stress management, Time management, Motivation, Creativity and yoga training. Finally the programme was concluded by valedictory session in the presence of Dr.Suguru Thippeswamy, Resource person, Swami Vivekananda Public Trust, Dr.Eranna and Dr.S.Vasudevamurthy, Coordinators of the program, Prof. T.B Dayananda, Assoc.Prof. and Faculty and staff of Electrical and Electronics Engineering.

Outcome of the Training: Enhances the technical skills of the students. Helps in developing the overall personality development of an individual in the competitive and sustainable modern society.

## Inaugural Session



## Valedictory Session



## Speaker, Coordinators, Faculty and Participants



**Dr. Ambedkar Institute of Technology, Bangalore – 56**

**Department of Electronics & Instrumentation Engineering**

The attached documents are valid and approved.

*[Handwritten Signature]*

Prof. & Head

5/11/22

**Professor & Head**

**Department of Electronics**

**Instrumentation Engineering**

**Dr. Ambedkar Institute of Technology**

**Bangalore - 560 056.**



Dr. Cyril Prasanna Raj 12020. 20 21  
Date: 15-09-2020

15-09-2020

To:  
The Principal,  
Dr. AIT, Bangalore-56

Sir,  
Subject: Requisition for remuneration to the speaker reg.

With reference to the above subject, our department is conducting webinar on "Machine learning Approaches for Image Analysis" by Dr. Cyril Prasanna Raj, Dean & Director R & D, MS college of Engineering, Bengaluru on 19-09-2020. Kindly make an arrangement to provide the remuneration amount of Rs.2,000(Two thousand ) only to the speaker and oblige.

Thanking you  
Coordinators

Shubha P *Shubha P*

Sridevi N *SN*

Dr.K.Ramesha

*[Signature]*  
Professor & Head

**Professor & Head**  
Department of Instrumentation Technology  
Dr. Ambedkar Institute of Technology,  
Bangalore - 560 056.



# Dr. Ambedkar Institute of Technology

(An Autonomous Institution, Aided by Govt. of Karnataka, Approved by AICTE and Affiliated to Visvesvaraya Technological University, Bengaluru)



## Webinar Series under

## AICTE Margdarshan (Share and Mentor institutions) Scheme

### First Webinar on: Online Teaching and Learning

#### Convener

Dr. C Nanjundaswamy  
Principal

Chief Coordinator  
Margdarshan Scheme

Dr M Meenakshi  
Professor & HOD  
Dept. of EIE

#### Resource Person



Dr. N J Rao  
Retired Professor,  
Indian Institute of Science,  
Bengaluru

Date: 18<sup>th</sup> September 2020

Time: 11:00 am to 12:30 pm

Registration Link : <https://forms.gle/2QEeNePGUGUfCvfE7>

Platform: <http://meet.google.com/dbp-ovqo-dct>

#### Coordinators

Dr. K Ramesha,  
Professor

Mrs. Soumya B S  
Asst. Professor

Mrs. Monikashree T S  
Asst. Professor

Department of Electronics and Instrumentation Engineering, Dr.AIT

Ph: 9738379557



# Dr. Ambedkar Institute of Technology

(An Autonomous Institution, Aided by Govt. of Karnataka, Approved by AICTE and Affiliated to Visvesvaraya Technological University, Bengaluru)



## Webinar Series under

## AICTE Margdarshan (Share and Mentor institutions) Scheme

### Second Webinar on: Communication Beyond Content

#### Convener

Dr. C Nanjundaswamy  
Principal

#### Chief Coordinator Margdarshan Scheme

Dr M Meenakshi  
Professor & HOD  
Dept. of EIE

#### Resource Person



Dr. K Rajani Kanth  
Former Adviser,  
M S Ramaiah Institute of  
Technology, Bengaluru

Date: 25<sup>th</sup> September 2020

Time: 11:00 am to 12:30 pm

Registration Link : <https://forms.gle/SU9wBs6JDLPEvBT8>

Platform: <http://meet.google.com/rfs-owqx-itx>

#### Coordinators

Dr. K Ramesha,  
Professor

Mrs. Soumya B S  
Asst. Professor

Mrs. Monikashree T S  
Asst. Professor

Department of Electronics and Instrumentation Engineering, Dr.AIT

Ph: 9738379557



# Dr. Ambedkar Institute of Technology

(An Autonomous Institution, Aided by Govt. of Karnataka, Approved by AICTE and Affiliated to Visvesvaraya Technological University, Bengaluru)



## Webinar Series under AICTE Margdarshan (Share and Mentor institutions) Scheme

### Third Webinar on Outcome Based Education and Accreditation Criteria



#### Convener & Resource Person

Dr. C Nanjundaswamy  
Principal, Dr.AIT

#### Chief Coordinator Margdarshan Scheme

Dr M Meenakshi  
Professor & HOD, Dept. of EIE

Date: 10<sup>th</sup> October 2020

Time: 11:00 am to 12:30 pm

Registration Link: <https://forms.gle/3kfcaKNFTRn9u9iL8>

Platform: [meet.google.com/dih-zhwo-rmd](https://meet.google.com/dih-zhwo-rmd)

#### Coordinators

Dr. K Ramesha,  
Professor

Mrs. Soumya B S  
Asst. Professor

Mrs. Monikashree T S  
Asst. Professor

Department of Electronics and Instrumentation Engineering, Dr.AIT

Ph: 9738379557



**Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, Bangalore**  
An Autonomous Institute, Affiliated to VTU, Belgaum, Aided by Govt. of Karnataka





**Webinar on**

## **Role of Smart Sensors in Industry 4.0**

**Resource Person:** **Mr. Srikanth K.S,**  
Functional Safety Architect,  
Intel Technologies, Bengaluru

**5<sup>th</sup> September 2020 at 2:00pm to 3:30pm**

**Register at:**  <https://forms.gle/2LEtKw9WLgks4175A>  
**Online Platform:**  [meet.google.com/eru-edxr-vo](https://meet.google.com/eru-edxr-vo)

**Organised By**

**Department of Electronics & Instrumentation Engineering, Dr. AIT**

**Coordinator**  
**Soumya B.S**  
Asst. Professor,  
Dept. of EIE, Dr. AIT

**Chief Coordinator**  
**Dr. M. Meenakshi**  
Professor & Head,  
Dept. of EIE, Dr. AIT

**Convenor**  
**Dr. C Nanjunda Swamy**  
Principal,  
Dr. AIT, Bangalore

(An Autonomous Institute, Affiliated to VTU Belgaum, Approved by AICTE, Aided by Govt. of Karnataka)

**Webinar on:**

**“Recent trends in Industrial and Process Automation”**



**Speaker : Mr. Venugopal**



*Managing director of Venjay  
Automation, Bangalore*

Register at : <https://forms.gle/9t7572vswwzgewtL8>

Online platform: Google Meet

<https://meet.google.com/cwo-obsz-jcg>

**Date : 15-07-2020**

**Time: 10:30 am**

**Organised By**

**Department Of Electronics & Instrumentation Engineering**

**Co-ordinator :**

**Mrs. Shubha. P**

Assistant professor,

Dept. of E&IE

**Convener :**

**Dr. M. Meenakshi**

Professor & Head,

Dept. of E&IE

**Chief Pattern :**

**Dr. C. Nanjunda Swamy**

Principal,

Dr. AIT , Bangalore.

## OUTCOME OF THE STTP

- WO1. Understand the process of course design in the framework of OBE and the NBA.
- WO2. Understand the design of formative and summative assessments.
- WO3. Understand the process of creating an active-learning classroom, flipped classroom, and student collaborations.
- WO4. Understand the features of MOODLE Learning Management System.
- WO5. Understand the use of some simple visualization tools.

## RESOURCE PERSONS

Prof. N.J. Rao, Rtd. Professor, IISc., Bengaluru  
Prof. K. Rajanikanth, Former advisor, MSRIT, Bengaluru  
Ms. Vani Sastry, Bengaluru and  
Ms. Sudha Aithal, Bengaluru

## CHIEF PATRON

Sri. S. Mariswamy, Chairman, PVP Welfare Trust

## PATRONS

Dr. M. Mahadeva, Managing Trustee / Secretary, PVP Welfare Trust  
Sri. S. Shivamallu, Treasurer, PVP Welfare Trust  
Sri. P. L. Nanjundaswamy, Trustee, PVP Welfare Trust  
Sri. A. R. Krishnamurthy, Trustee PVP Welfare Trust  
Dr. B.N. Umesh, Trustee PVP Welfare Trust

## PRINCIPAL

Dr. C. Nanjunda Swamy

## PROGRAM COORDINATOR

Dr. M.Meenakshi, Professor & HOD, EIE

## CO-COORDINATORS

Mrs. Shubha P, Asst. Professor  
Mrs. Monikashree. T.S, Asst. Professor  
Mrs. Hamsa Rekha S D, Asst. Professor

Contact: +91-9880461052, 7760272354, 9916677415  
Email: eiesttpaict@gmail.com

## ORGANIZING COMMITTEE

Faculty and Staff, Dept. of Electronics & Instrumentation Engineering



**Dr. Ambedkar Institute of Technology**  
Mallathahalli, Near Jnanabharathi Campus Bangalore,  
560056, Karnataka, India  
[www.drait.edu.in](http://www.drait.edu.in)



**AICTE sponsored one week online  
Short Term Training Program**

**On**

**Pedagogy for Effective use of ICT in  
Engineering Education**

**Slot1: 23<sup>rd</sup> to 28<sup>th</sup> Nov 2020**

**Slot2: 7<sup>th</sup> to 12<sup>th</sup> Dec 2020**

**Slot3: 4<sup>th</sup> to 9<sup>th</sup> Jan 2021**

**Platform: Google meet**

**Organized by**

**Department of Electronics and Instrumentation  
Engineering**

**REGISTRATION LINK**

<https://forms.gle/SH3bKcaKMkfkfsbW9>

**“Registration is Free”**

**Registration limited to 60 participants – First come first serve basis**

## **ABOUT THE INSTITUTION**

Dr. Ambedkar Institute of Technology was founded by Late Sri. M H Jayaprakash Narayan, in the year 1980 on the ideals of the great Bharatha Rathna Dr. B.R. Ambedkar, whose life was a saga of learning and uplifting the down trodden of the society. The Institution is one of the premier grant-in-aid by Government of Karnataka, approved by AICTE, New Delhi, Autonomous Institution affiliated to VTU, Belagavi and Managed by Panchajanya Vidya Peeta Welfare Trust, Bangalore. The Institution offers ten undergraduate, eleven postgraduate programmes (PG) of engineering including MBA, MCA. In addition Institution holds currently 15 research centers recognized by VTU. The Institution is accredited by NAAC with 'A' Grade and all eligible programmes by National board of accreditation (NBA).

## **ABOUT THE DEPARTMENT**

Department of Electronics and Instrumentation Engineering was started in the year 1985 and has well equipped laboratories to meet the needs of curriculum as well as Research activities. The department is recognized as research center under VTU Belgaum. The department has well qualified and dedicated faculties to impart fundamental and applied knowledge in the field of controls, Instrumentation, Signal Processing, Biomedical, Embedded Systems etc.

## **VISION**

To develop globally competent Electronics and Instrumentation Engineers with societal, environmental and human values through quality education, training and research.

## **MISSION**

- To educate the students with the state of art technologies to meet the growing challenges of the industry and society
- To carry out research through constant interaction with research organizations and industry.
- Inculcate in students the lifelong learning attitude and passion for serving the society with moral and ethical values

## **OBJECTIVE**

The role of ICT in education is becoming more and more important, and its importance will continue to grow in future. Use of ICT can facilitate pedagogically superior instructional methods that can significantly enhance active participation of students in the classroom. Many of the technologies have been evolving over the past two decades. The AICTE and UGC have been urging all educational institutions to use these educational technologies in the classrooms. Unfortunately, their use continues to remain very limited. The pandemic forced the entire country to move into a new normal. In the immediate future, all teaching-learning processes need to be conducted online. In the post-COVID situation ICT tools can be used to make the teaching-learning activities more effective, engaging, and efficient.

The main aim of this online workshop is to make participating teachers to experience online instruction and explore some ICT tools for education for the courses they teach. The effective use of ICT tools requires systematic design of courses, and familiarity with the tools that can enhance communication between the teacher and students, and even reduce the burden on the teacher. The workshop will present the design of courses including the design of assessments in alignment with outcomes, ICT tools for active-learning and collaboration, and assessment. It also explores the advantages of blended learning including flipped classroom.

## **MODE OF CONDUCTION**

The workshop will be conducted online over five days with three one-and-half hour sessions per day. Each session will have two parts with Q&A sessions after each part. Two sessions will be conducted in the morning from 10.00 to 13.15 hours with 10-minutes break between the sessions. The afternoon session will be from 14.00 to 15.30 hours. The slides used by the resource persons with some additional resource material will be made available on the MOODLE website specially created for the workshop. There will be an online test conducted during the last session of the workshop. One mock test will be made available in the evening of the fourth day.

## **SCHEDULE OF THE STTP**

This STTP program will be conducted in three phases from November 2020 to December 2020 as:

**Slot 1: 23<sup>rd</sup> to 28<sup>th</sup> Nov 2020 (Last date for registration: 20<sup>th</sup> Nov, 2020)**

**Slot 2: 7<sup>th</sup> to 12<sup>th</sup> Dec 2020 (Last date for registration: 4<sup>th</sup> Dec, 2020)**

**Slot 3: 4<sup>th</sup> to 9<sup>th</sup> Jan 2021 (Last date for registration: 1<sup>st</sup> Jan, 2021)**

Participants are welcome to join this program by selecting the above-mentioned schedules. Intimation to the participant about confirmation of Registration shall be given 2 days after the last date of registration. The daily schedule will be in three sessions starting from 10.00 am to 3.30 pm.

## **ELIGIBILITY FOR REGISTRATION**

The programme is open to faculty of Engineering Colleges, Universities and other allied disciplines in India. Industry persons working in the concerned /allied areas can also attend

## **ELIGIBILITY FOR E-CERTIFICATE**

- Attending Every Session is Mandatory.
- Getting a Score of greater than 60% in the test conducted on the last day of STTP (Day5).





**Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU-56**

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### **Workshop Report**

Dr. Ambedkar Institute of Technology, Bengaluru, Department of Master of Computer Applications, is organising a webinar on “**Ethical issues of Computer Hacking**” in association with **ISTE Student Chapter, Dr. AIT on 18-12-2021 at 10.00 a.m.**

**Resource Person:** Dr. Manjunath M, Coordinator & Associate Professor, Dept. of Computer Applications, SRS College, Chitradurga.



Inauguration of the workshop with lighting of Lamp by Dr. Chandrakanth G. Pujari, HOD-MCA & Dr. Manjunath M, Session Speaker



Speaker Session



Participants

More than 100 participants have registered and participated in the workshop. HOD-MCA Dr. Chandrakanth G. Pujari welcomed Chief Convener Dr. Meenakshi M, Principal, Dr. AIT, Resource person Dr. Manjunath M, Associate Professor, SRS Chitradurga and all the participants (Students and Faculties) to the Workshop.



Learning ethical hacking involves studying the mindset, tools and techniques of hackers and penetration testers to learn how to identify, triage and correct vulnerabilities in software and computer networks. Prime focus is on practical guide to discovering and exploiting security flaws in computers system and mobiles.

- performing Man in the middle attack
- Hacking Email (User name and Password)
- Accessing username and passwords of accounts using browsers
- live streaming of remote computer system (Windows/ Linux)
- Accessing the web camera of target system using mobile phone
- Accessing keystroke of remote system using mobile phone
- Accessing Screenshots of target system using mobile phone
- Accessing wifi password of target system

The session was concluded with question and answers followed by vote of thanks to the speaker, HOD-MCA, faculties, staff and students.

**Out of 106 participants registered,**

Male-54

Female-51

SC-9

ST-5

**Speaker Bank Details for Remuneration**

Manjunath M

Account No: 9612307040

Bank Name: Kotak Mahindra Bank

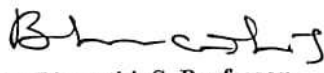
Branch: RVCE

IFSC Code: KKBK0008053

PAN: BUIPM1380C

**Coordinated by**

  
Mrs. B. R. Shobha Rani, Associate Professor

  
Dr. Bharathi. S, Professor

  
29/12/21  
**Dr. Chandrakanth G. Pujari**  
MCA, M.Tech., Ph.D  
Professor and Head, MCA Program  
Dr. Ambedkar Institute of Technology  
Bengaluru - 560 036.



**Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU-56**  
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**Workshop on**  
**“Ethical issues of Computer Hacking”**  
**December 18<sup>th</sup>, 2021**

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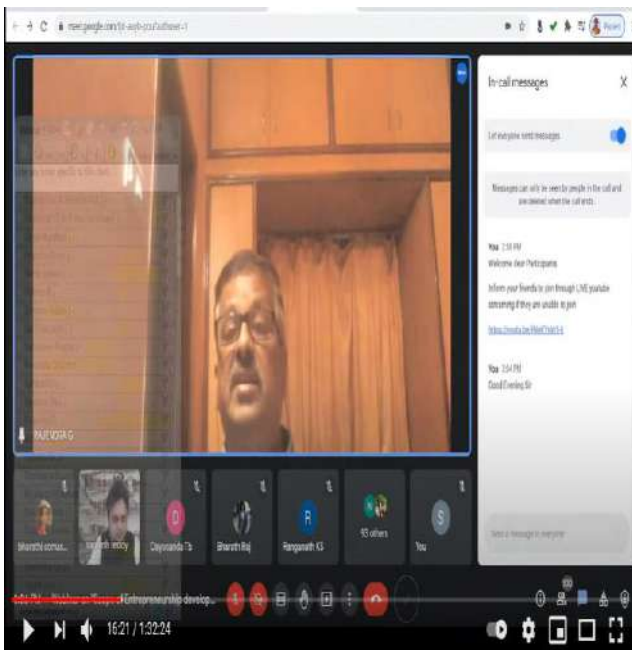
**Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU-56**  
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## Webinar Report

Dr. Ambedkar Institute of Technology, Bengaluru, Department of Master of Computer Applications, is organising a webinar on “**Scope for Entrepreneurship Development in Atma-Nirbhar Bharath**” in association with **ISTE Student Chapter, Dr. AIT on 11-06-2021 at 10.00 a.m.**

**Resource Person:** Sri. Sanketh Reddy, Chief Mentor, Anarghya IAS Academy, Bengaluru

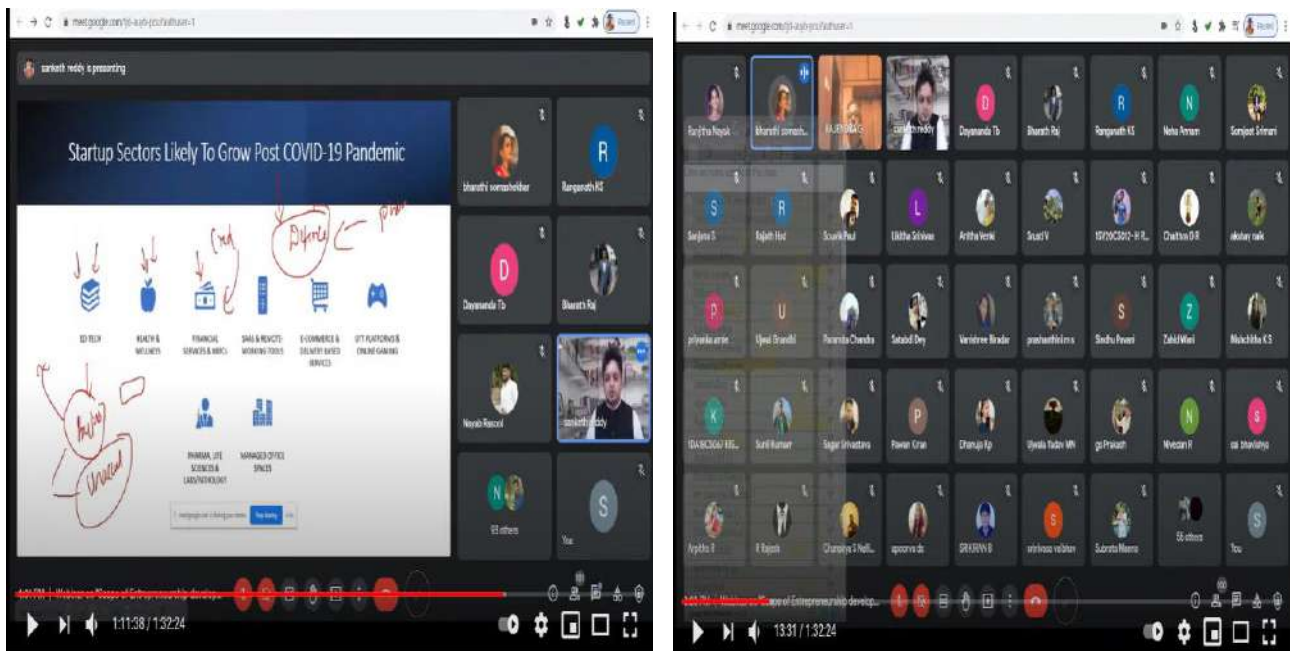


Dr. G Rajendra  
Principal, Dr. AIT



Mr. Sanketh Reddy  
Resource Person





More than 350 participants have registered and participated in the webinar. HOD-MCA Dr. Bharathi.S welcomed Chief Convener Dr. G. Rajendra, Principal, Dr. AIT, Resource person Sri. Sanketh Reddy, Chief Mentor, Anarghya IAS Academy, Bengaluru and all the participants (Students and Faculties) to the Webinar.

The world is currently in the grip of a devastating pandemic, COVID-19, which has been causing widespread negative health, social and economic impacts. Speaker stressed on components such as Economy, Infrastructure, System, Demography, and Demand.

Following are the points covered in the webinar:

1. Atma- Nirbhar - it's not new to India.  
     History and evolution of Atma Nirbhar
2. GEM Trinity - Government+ Entrepreneur Market.
3. Basics of Atma Nirbhar
4. Components of Atma Nirbhar
5. Hum kahan hai. - where India stands with respect to human capital, infrastructure and innovation.
6. Atma Nirbhar and emerging opportunities post COVID-19.

Webinar is concluded with Question and Session and later with Vote of Thanks to resource person and all the participants.

**Coordinated by**

**Mrs. B. R. Shobha Rani, Associate Professor**

**Dr. S.K. Indumathi, Associate Professor**

**Dr. N.V. Dharani, Assistant Professor**



# DR. AMBEDKAR INSTITUTE OF TECHNOLOGY

(AN AUTONOMOUS INSTITUTION AFFILIATED TO VTU, BELGAUM, OUTER RING ROAD, MALLATHAHALLI, BANGALORE - 560 056.AIDED BY GOVERNMENT OF KARNATAKA, INDIA)

## DEPARTMENT OF MCA



ORGANIZING

AN

### INTERNATIONAL PANEL DISCUSSION ON EMPOWERING POSITIVITY

on

1st of August, 2020

10:30 a.m-12.30 p.m.

(IST)



**Dr.C..Nanjundaswamy**  
Principal, Dr.AIT, Bengaluru  
Chief Convenor



**Dr.Siddaraju.**  
Dean(A), Dr.AIT, Bengaluru  
Convenor



**Dr.L.Manjunatha Rao**  
Professor & Head, Dept Of MCA ,Dr.AIT  
Convenor

### Coordinators

**Dr. Indumathi.S.K**

Dept.of MCA, Dr.AIT

**Dr. Dharani.N.V**

Dept.of MCA, Dr.AIT

**Ms.Shivaleela.S**

Dept.of MCA, Dr.AIT



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DIRECTOR OF ARCHITECTURE,  
AMERICAN EXPRESS, U.S.A



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Ms. Sumathi

ENGINEERING MANAGER OF QUALITY  
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Mr. RajMohan

PROGRAM MANAGEMENT LEAD,  
CITIBANK, SINGAPORE



Serving in Marine Biodiversity Conservation and an avid Bird watcher. With a rich experience of 10 years across the flora and fauna of the country he shall discuss on the importance of educated to stay focused on environmental issues and resource conservation starting at house hold level.

Mr. Naveen Kumar

IFS, ANDAMAN ISLANDS



12 years of professional life as both onsite point of contact and offshore developer. A marathoner capable of running 50kms at a stretch and just a step away from blackbelt. Will be addressing on how to make IMpossible a I M Possible

Ms. Anusuya

IBM, BANGALORE



Leading the technical team of Amazon Development Centre. Chief mentor of "Imaigal Educational and Charitable Trust", a non-profit social service trust being run by bunch of like-minded friends to address educational and medical emergency of needy. Will address on the social awareness among the educated

Mr. Madeshwaran

AMAZON DEVELOPMENT CENTRE,  
CHENNAI

# PANEL MEMBERS



## MODERATORS



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DEPT OF MCA DR.AIT  
BENGALURU



Dr. Dharani N.V  
DEPT OF MCA DR.AIT  
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JNTUK INSTITUTE OF ENGINEERING  
AND TECHNOLOGY, VIJAYAWADA



# Webinar On V2X Technology : An Overview

**Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY**  
(Affiliated to VTU, Approved by AICTE & Recognized by  
Government of Karnataka)  
**DEPARTMENT OF MCA | Webinar**



**Sanjeev Kumar**  
Speaker,  
Software Architect, Aricent  
Bangalore

**Dr. C. Nanjundaswamy**  
Principal, Dr. AIT  
Chief Convener

**Dr. Siddaraju**  
Dean(A),  
Professor & Head  
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**Dr. L. Manjunatha Rao**  
Professor & Head  
Dept. of MCA, Dr. AIT  
Convener

**Mrs. Shailaja L K**  
Asst Professor  
Dept. of MCA, Dr. AIT  
Co-ordinator

**Mrs. Anitha J**  
Asst Professor  
Dept. of MCA, Dr. AIT  
Co-ordinator



15<sup>th</sup> August, 2020



Google Meet



11.30 AM



E-Certificate



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" IN ASSOCIATION WITH ISTE, STUDENT CHAPTER "

Department of MCA

*Presents*

**WEBINAR ON : TO ENERGIZE, CHANNELIZE AND MOTIVATE THE YOUTH POWER**

## Speaker



**Sri Sri Swami Vereshananda Saraswathi**  
President, Ramakrishna Vivekananda Ashrama  
Tumakuru - 572 105.

**Dr. C. Nanjundaswamy**

Principal, Dr. AIT  
Chief Convener

**Dr. Siddaraju**

Dean (A),  
Professor & Head  
Dept. of CSE, Dr. AIT

**Dr. L. Manjunatha Rao**

Professor & Head  
Dept. of MCA, Dr. AIT  
Convener

**Dr. S. Vasudeva Murthy**

ISTE Co-ordinator  
Dept. of EEE,  
Dr. AIT, Bengaluru - 56.

**Mrs. Shailaja L.K.**

Asst. Professor  
Dept. of MCA, Dr. AIT  
Co-ordinator

**Mrs. Anitha J.**

Asst. Professor  
Dept. of MCA, Dr. AIT  
Co-ordinator

**Mrs. Kavyashree N.**

Asst. Professor  
Dept. of MCA, Dr. AIT  
Co-ordinator



**30-01-2021, Saturday**



**10.30 a.m.**



**Google Meet**



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