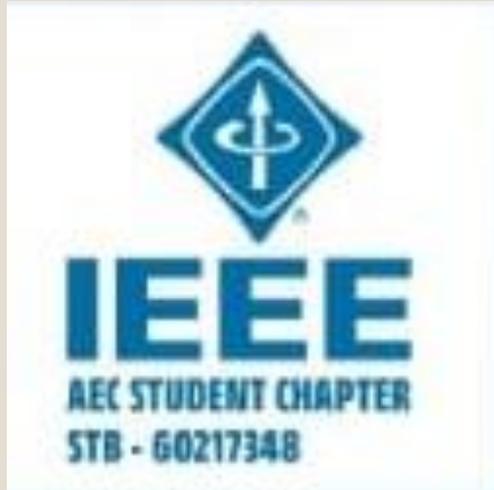


Anuradha Engineering College Chikhli
Department of Electronics & Telecommunication Engineering

Guest Lecture On
Artificial Intelligence and Semiconductor



Date: 13th March 2024

Time: 9.30 AM

-By-

Dr.Umesh Gawai

Research Scholer

NYCU University Taiwan.

Anuradha Engineering College Chikhli
Department of Electronics & Telecommunication Engineering

Guest Lecture On

Full Stack Development & Embedded System Development

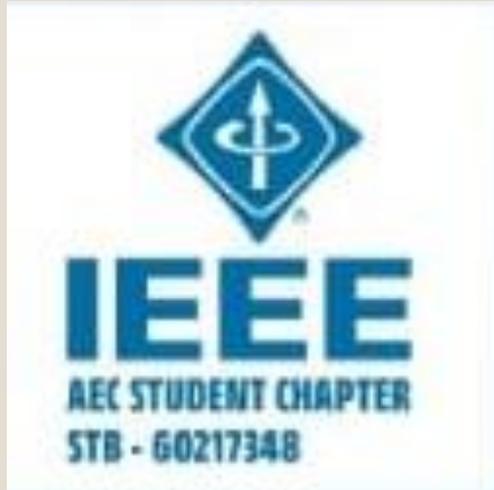
Date: 21st December 2023

-By-

Satish G.

Academia Manager

Vector India , Hyderabad





Paramhansa Ramkrishna Maunibaba Shikshan Sanstha's
ANURADHA ENGINEERING COLLEGE

Recognized by A.I.C.T.E. New Delhi & Govt. of Maharashtra
Permanently Affiliated to Sant Gadge Baba Amravati University, Amravati

Date:12/03/2024

NOTICE

All the students are hereby informed that tomorrow on 13/03/2024 the guest lecture on topic "Artificial Intelligence & Semiconductor" is organized in seminar hall, the lecture will be delivered by Dr Umesh Gawai, Research Scholar, NYCU University Taiwan. Students should attend the same.

Time: 09:30am

Venue: Seminar Hall

Coordinator

Prof. B. S. Lankeshwar



Estd: 1993

Let noble thoughts come to us from every side - Rigved
Paramhansa Ramkrishna Maunibaba Shikshan Sanstha's

ANURADHA ENGINEERING COLLEGE, CHIKHLI

Recognized by AICTE New Delhi,
Permanently Affiliated to Sant Gadge Baba Amravati University, Amravati

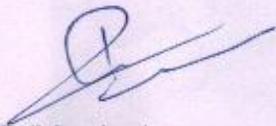
Report on Guest Lecture on

"Artificial Intelligence & Semiconductor"

Organized by Department of Electronics & Telecommunication Engineering

Introduction	<p>Department of Electronics & Telecommunication Engineering successfully conducted an insightful Guest Lecture on "Artificial Intelligence & Semiconductor" on Tuesday, March 13, 2024. The guest lecture, led by Dr. Umesh Gawai, Research Scholar, NYCU University Taiwan aimed to offer students valuable insights about Semiconductor Chip and their Application using Artificial Intelligence in our life.</p> <p>The event, honored by the presence of Dr. A.N. Nanhai, Principal, perfectly organized by Dr. R. B. Mapari, HoD supported by Prof. B.S. Lankeshwar (Convener, IEEE Student Branch), and the dedicated staff, attracting participation more than 100 enthusiastic students.</p>
Guest Speaker	<p>The notable guest speaker for the event was Dr. Umesh Gawai, an esteemed alumnus of the college and the Research Scholar, NYCU University Taiwan.</p>
Key Topics Covered	<p>"The increasing popularity of artificial intelligence (AI) has drawn congressional attention, and many Members are considering proposals to regulate the quickly evolving landscape. Technical progress in AI has been enabled in large part by advances in the underlying computational hardware—also known as semiconductors, integrated circuits, microelectronics, or simply chips—that offer increased processing power to improve the development of AI systems. This In Focus describes the types of semiconductors used in AI, concerns related to their supply chains, and challenges for the regulation of semiconductors to promote Taiwan competitiveness in AI.</p>
Engagement & Interaction	<p>The students actively participated in the talk, eagerly asking questions and taking part in meaningful discussions. Dr. Umesh Gawai provided them practical examples of his Research Work in the field of Semiconductor IC Chip and he Design three Chip and one of them may be used for Cancer recognition in Patient without using any Test.</p>
Key Takeaways	<ol style="list-style-type: none">1. Provided meaningful information about semiconductor technology and its Application2. Artificial Intelligence key role in Various field like Medical for diagnosis purpose

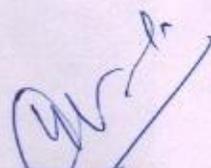
	3. Role of Integrated Circuit (IC) Chip in various Applications.
Acknowledgment	The E&TC department expressed sincere thanks to Dr.Umesh Gawai for his invaluable contribution through this Guest lecture.
Conclusion	The Guest Lecture on “Artificial Intelligence & semiconductor “was highly successful, The students get satisfied and demanded one more session in future on same topic.



Prof.B.S.Lankeshwar

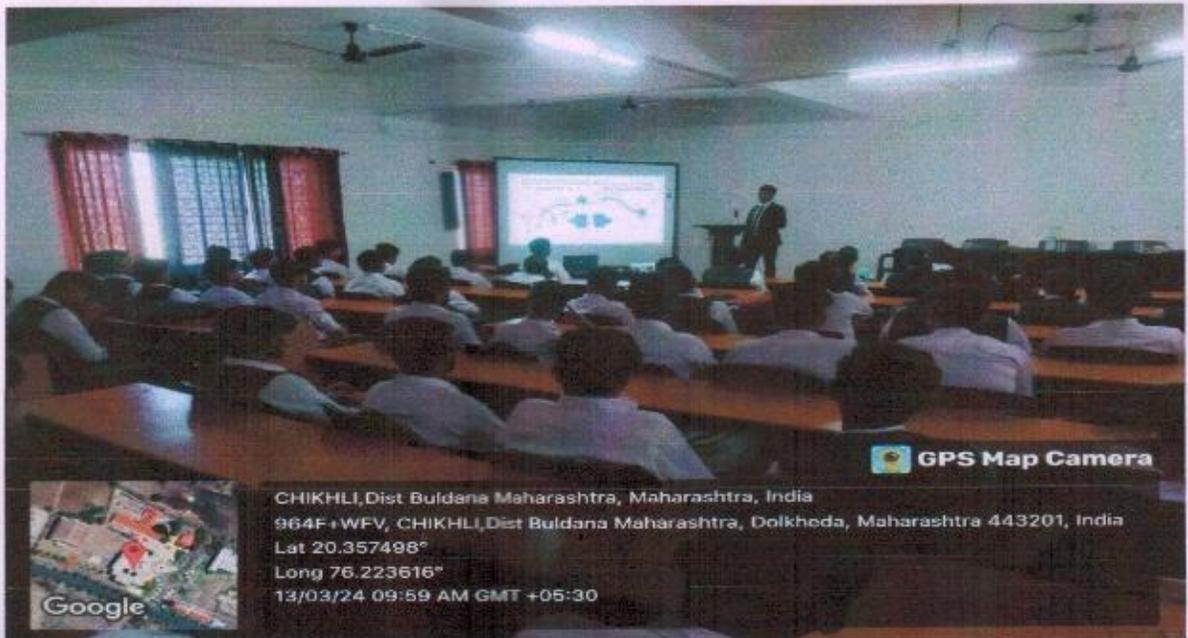
Convenor, IEEE Students Branch

Report Submission Date: 13/03/2024



PRINCIPAL
Anuradha Engineering College
CHIKHLI Dist. Buldana

Snapshots of Guest Lecture on "Artificial Intelligence & Semiconductor" dated 13th March 2024



CHIKHLI, Dist Buldana Maharashtra, Maharashtra, India
964F+WFV, CHIKHLI, Dist Buldana Maharashtra, Dolkheda, Maharashtra 443201, India
Lat 20.357498°
Long 76.223616°
13/03/24 09:59 AM GMT +05:30

Snapshots of Guest Lecture on "Artificial Intelligence & Semiconductor" dated 13th March 2024



CHIKHLI, Dist Buldana Maharashtra, Maharashtra, India
964F+WFV, CHIKHLI, Dist Buldana Maharashtra, Dolkheda, Maharashtra 443201, India
Lat 20.357557°
Long 76.223626°
13/03/24 09:46 AM GMT +05:30

**Snapshots of Guest Lecture on “Artificial Intelligence & Semiconductor” dated 13th
March 2024**



**Snapshots of Guest Lecture on “Artificial Intelligence & Semiconductor” dated 13th
March 2024**





Let noble thoughts come to us from every side – Rigved
Paramhansa Ramkrishna Maunibaba Shikshan Sanstha's

ANURADHA ENGINEERING COLLEGE, CHIKHLI

Recognized by AICTE New Delhi,
Permanently Affiliated to Sant Gadge Baba Amravati University, Amravati

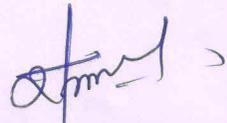
Report on Technical talk on "AI"

Organized by IEEE Student Chapter, Department of Electronics & Telecommunication Engineering

Introduction	<p>The IEEE Student Chapter of the Department of Electronics & Telecommunication Engineering successfully organized a highly enlightening Technical talk on "AI" on Monday, 18th October 2023 by Dr. Chandrakant Bothe, Chief AI Tech officer/ Co-founder, Foviatech GmbH, Hamburg, Germany.</p> <p>The event aimed to provide students with valuable insights into the rapidly evolving fields of technology. The event, graced by Dr. A.N. Nanhai, Principal, saw successful organization by Dr. R. B. Mapari, HoD, and the dedicated staff, drawing participation from over 100 eager students.</p>
Guest Speaker	<p>The distinguished speaker for the occasion was college Alumni, Dr. Chandrakant Bothe, Chief AI Tech officer/ Co-founder, Foviatech GmbH, Hamburg, Germany.</p> <p>Dr. Chandrakant Bothe Shared a wealth of knowledge with the enthusiastic audience.</p>
Key Topics Covered	<p>Introduction to Dynamic AI Landscapes: Dr. Bothe kicks off the talk by providing an overview of the ever-changing landscape of Artificial Intelligence, emphasizing its dynamic nature and the rapid pace of advancements.</p> <p>Evolution of AI Algorithms: He delves into the fundamentals, tracing the evolution of AI algorithms, from classical machine learning to the rise of sophisticated deep learning models. Attendees gain insights into the building blocks of AI.</p> <p>Real-World Applications: Dr. Bothe shares compelling examples of AI applications across various industries. Attendees witness how AI is transforming healthcare, finance, manufacturing, and other sectors, making complex processes more efficient.</p> <p>NLP and Conversational AI: A captivating segment focuses on Natural Language Processing (NLP). Dr. Bothe highlights the intricacies of teaching machines to understand and generate human language, showcasing the potential of conversational AI in chatbots and virtual assistants.</p> <p>Computer Vision Marvels: Attendees are treated to a visual journey through the wonders of computer vision. Dr. Bothe explores how AI is powering image recognition and object detection, making breakthroughs in fields like healthcare diagnostics and autonomous vehicles.</p>

	<p>Ethical Considerations: A thought-provoking discussion ensues as Dr. Bothe addresses the ethical challenges in AI. He emphasizes the importance of responsible AI development, tackling bias, and ensuring transparency in algorithmic decision-making.</p> <p>Future Trends and Innovations: The audience gets a glimpse into the crystal ball of AI. Dr. Bothe speculates on future trends, discussing the rise of Explainable AI (XAI) and the integration of AI with Internet of Things (IoT), offering attendees a vision of what lies ahead.</p>
Engagement & Interaction	The students actively participated in the talk, eagerly asking questions and taking part in meaningful discussions. Dr. Chandrakant Bothe offered practical illustrations and real-life applications, simplifying intricate subjects and making them relevant and understandable for the audience.
Key Takeaways	Participants acquired valuable understanding about the present trends and future potential of AI. Dr. Bothe's sharing of practical knowledge provided students with a more comprehensive outlook on these growing areas.
Acknowledgment	The IEEE Student Chapter expresses sincere thanks to Dr. Chandrakant Bothe for his invaluable contribution, and acknowledges the Department of Electronics & Telecommunication Engineering for their support in arranging this insightful technical talk.
Conclusion	The technical talk on "AI" was highly successful, offering students a more profound comprehension of crucial domains in the technology industry. The commitment of the IEEE Student Chapter to arrange such enlightening events persists, aiming to promote ongoing learning within its membership.

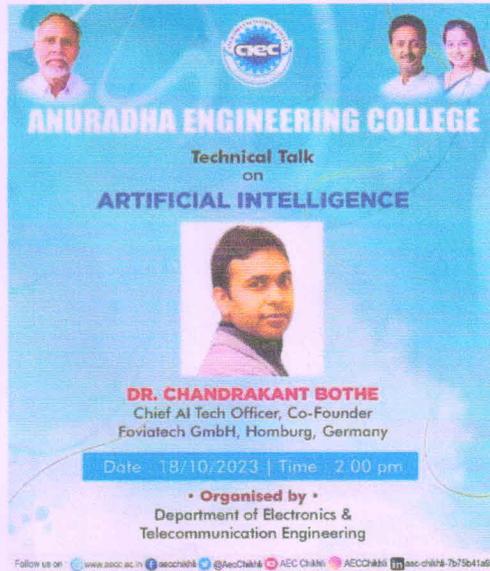

 Dr. A. P. Bhatkar
 T&P Coordinator


 Dr. R. B. Mapari
 HOD, Electronics & Tele. Engg.
 AEC, Chikhli

Report Submission Date: 20/10/2023


 PRINCIPAL
 Anuradha Engineering College
 CHIKHLI, Dist. Buldana

Snapshots of Technical Talk on "AI" dated 18th October 2023



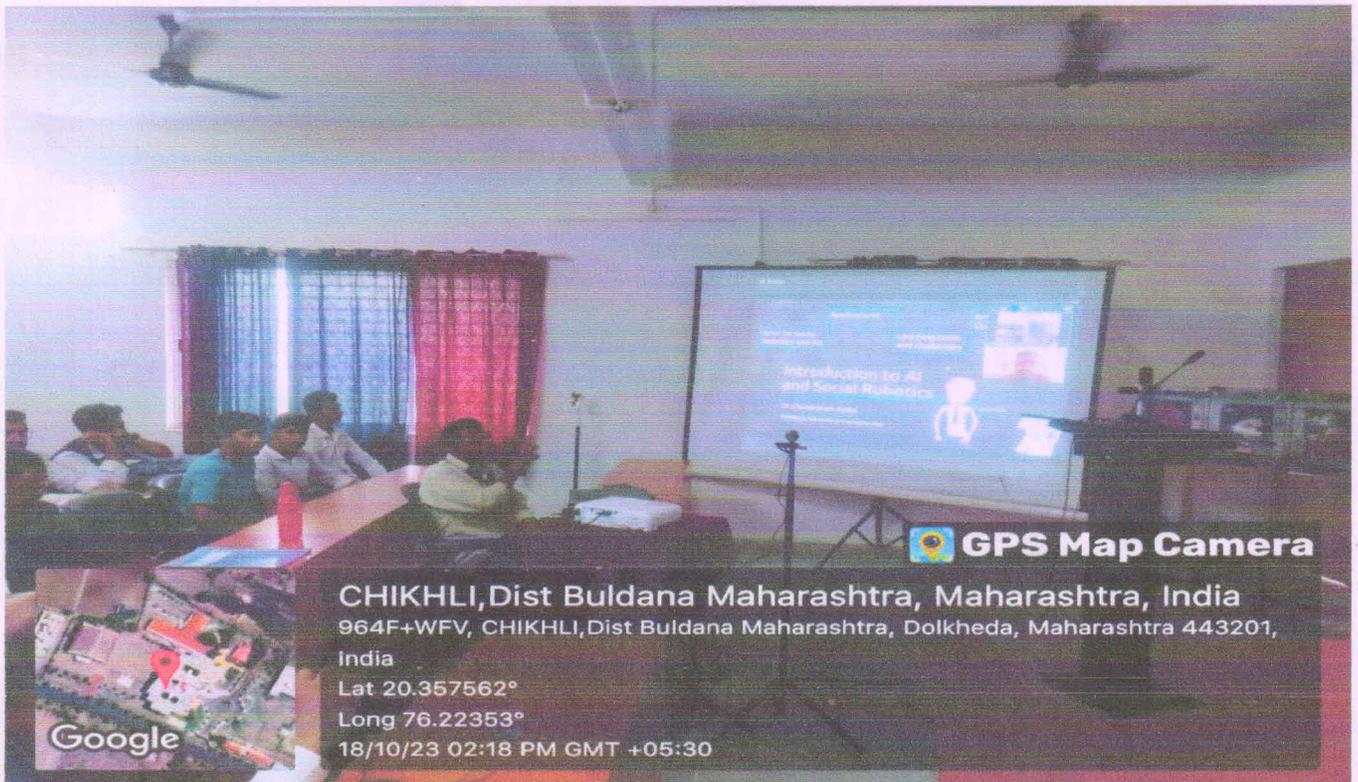
ANURADHA ENGINEERING COLLEGE
Technical Talk
on
ARTIFICIAL INTELLIGENCE

DR. CHANDRAKANT BOTHE
Chief AI Tech Officer, Co-Founder
Foviatech GmbH, Homburg, Germany

Date: 18/10/2023 | Time: 2:00 pm

• Organised by •
Department of Electronics &
Telecommunication Engineering

Follow us on: www.aec.ac.in | [aecchikli](https://www.facebook.com/aecchikli) | [@aecchikli](https://www.instagram.com/aecchikli) | [AEC CHIKLI](https://www.linkedin.com/company/aec-chikli) | [AECCHIKLI](https://www.youtube.com/channel/UC0Q886i) | [aec-chikli-7675841a6](https://www.whatsapp.com/channel/002997675841a6)



GPS Map Camera

CHIKHLI, Dist Buldana Maharashtra, Maharashtra, India
964F+WFV, CHIKHLI, Dist Buldana Maharashtra, Dolkheda, Maharashtra 443201,
India
Lat 20.357562°
Long 76.22353°
18/10/23 02:18 PM GMT +05:30



Google

Anuradha Engineering College, Chikhli
Department of Electronics & Telecommunicating Engineering
Session: 2022-23

Notice

Date: 16/10/2023

This is to inform you that there will be online technical talk on “Artificial Intelligence” by Dr. Chandrakant Bothe, Chief AI Tech officer/ Co-founder, Foviatech GmbH, Hamburg, Germany. This talk is scheduled on **Monday, 18th October 2023 at 2:00 pm sharp in the seminar hall (B-103).**

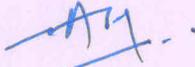
Dr. Chandrakant Bothe will provide valuable insights to students regarding dynamic and evolving realms of Artificial Intelligence, offering fresh perspectives on its applications and future trends. Explore Cutting-Edge Developments: Discover the latest advancements in AI technology and how they are shaping industries and societies globally.

To ensure that we can accommodate all interested students and make the necessary arrangements, we kindly request that you register for the event. Registration is free and will only take a moment of your time. Here's how you can register:

<https://forms.gle/poJkV7D1d3BzViDVA>

By registering in advance, you will help us ensure a smooth and organized event, as well as provide you with a seamless experience during the technical talk. We encourage all students to take advantage of this unique opportunity.


Dr. A. P. Bhatkar
T&P Coordinator

Copy to: 1. HOD, CSE Department 

2. HOD, IT Department 


Dr. R. B. Mapari
HOD, Electronics & Tele. Engg.
AEC, Chikhli



Estd: 1993

Let noble thoughts come to us from every side – Rigved

Paramhansa Ramkrishna Maunibaba Shikshan Sanstha's

ANURADHA ENGINEERING COLLEGE, CHIKHLI

Recognized by AICTE New Delhi,

Permanently Affiliated to Sant Gadge Baba Amravati University, Amravati

Report on workshop on “Drone technology in Agriculture”

Organized by IEEE Student Chapter

Department of Electronics & Telecommunication Engineering

Introduction

On September 1, 2023, the Department of Electronics and Telecommunication Engineering organized a one-day workshop on "Drone Technology in Agriculture."

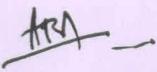
The initiative was propelled by the steadfast determination of the Hon'ble Principal, Dr. Arun Nanhai, who aimed to enhance student awareness of the crucial role technology plays in achieving agricultural benefits. The workshop provided a platform for students to delve into the applications and advancements of drone technology in the agricultural sector, fostering a deeper understanding of its potential contributions to the field.

Dr. Rajesh Mapari, the Head of the Department of Electronics and Telecommunication Engineering, along with his staff, successfully conducted the workshop. The event saw the active participation of all departmental students, who attended with enthusiasm and interest. The collaborative efforts of Dr. Mapari and his team ensured the smooth execution of the workshop, providing valuable insights into the subject matter for all those in attendance.

The workshop highlighted the KRISHAK drone, a product developed by General Aeronautics Bangalore, renowned for its impressive payload capacity of 16 liters and a maximum flight time of 10 minutes. Attendees had the opportunity to explore the features and capabilities of this drone, gaining insights into its innovative design and applications in various fields. The presentation of the KRISHAK drone served as a focal point, illustrating cutting-edge technology and advancements in the field of unmanned aerial vehicles, particularly in terms of payload capabilities and extended flight duration 15 min.

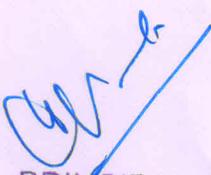
Guest Speaker	Mr. Ishwar Patil, an experienced drone pilot, conducted a comprehensive demonstration of the drone's working and functionality during the workshop.
Key Topics Covered	<p>Mr. Ishwar Patil discussed and provided novel knowledge of KRISHAK drone different features as propulsion system, Avionics, Flight controller, companion computer, AGL sensor and many more.</p> <p>Drones have emerged as valuable tools in modern agriculture, offering innovative solutions to enhance efficiency, productivity, and sustainability. These agricultural drones, equipped with advanced technologies, serve various purposes within the farming sector.</p> <p>One key application is precision agriculture, where drones provide detailed aerial imagery and data analysis. This information aids farmers in monitoring crop health, identifying areas that require attention, and optimizing resource use. Drones can swiftly cover large fields, capturing high-resolution images that help assess crop conditions, detect diseases, and monitor overall plant growth.</p> <p>Spraying drones equipped with pesticide or fertilizer tanks are another crucial asset. They enable targeted and efficient application of inputs, reducing waste and minimizing environmental impact. By precisely delivering these substances, farmers can optimize resource usage, lower costs, and enhance the effectiveness of agricultural practices.</p> <p>Additionally, drones contribute to crop mapping and yield estimation.</p> <p>In summary, the use of drones in agriculture has revolutionized traditional farming practices by offering precision, efficiency, and data-driven insights. As technology continues to advance, these unmanned aerial vehicles are likely to play an increasingly pivotal role in shaping the future of sustainable and high-yield agriculture</p>
Engagement & Interaction	<p>Conducting a drone workshop with high levels of engagement and interaction was crucial to ensure that participants gain practical insights and maximize their learning experience. Begin the workshop with live drone demonstrations, showcasing basic maneuvers, takeoff, and landing procedures. This hands-on approach captured participants attention and sets a dynamic tone for the session.</p> <p>The workshop drew significant participation, with more than 200 students. This enthusiastic turnout underscored the keen interest and eagerness among the student community to engage with the subject matter.</p>

Key Takeaways	<p>Understanding Drone Technology: Participants gain a comprehensive understanding of drone technology, including the components, functionalities, and operational principles of unmanned aerial vehicles (UAVs).</p> <p>Applications in Agriculture: Insight into the specific applications of drones in agriculture, such as crop monitoring, precision farming, and pesticide spraying. Understanding how drones can enhance efficiency and productivity in agricultural practices is a valuable takeaway.</p> <p>These key takeaways collectively provide participants with a well-rounded understanding of drone technology, its practical applications, and the skills needed to operate drones responsibly and effectively. The goal is to equip participants with the knowledge and confidence to leverage drones in various industries or personal projects.</p>
Acknowledgments	<p>We extended our appreciation to General Aeronautics Bangalore, especially Mr. Ishwar Patil for generously providing the KRISHAK drone for the live demonstration.. We are grateful for his expertise and commitment to advancing knowledge in the field of drone technology.</p>
Conclusion	<p>As we come to the end of our Drone Technology in Agriculture workshop, we reflect on the wealth of knowledge and experiences shared. It has been an enriching journey exploring the vast potential of drones in revolutionizing agricultural practices.</p>

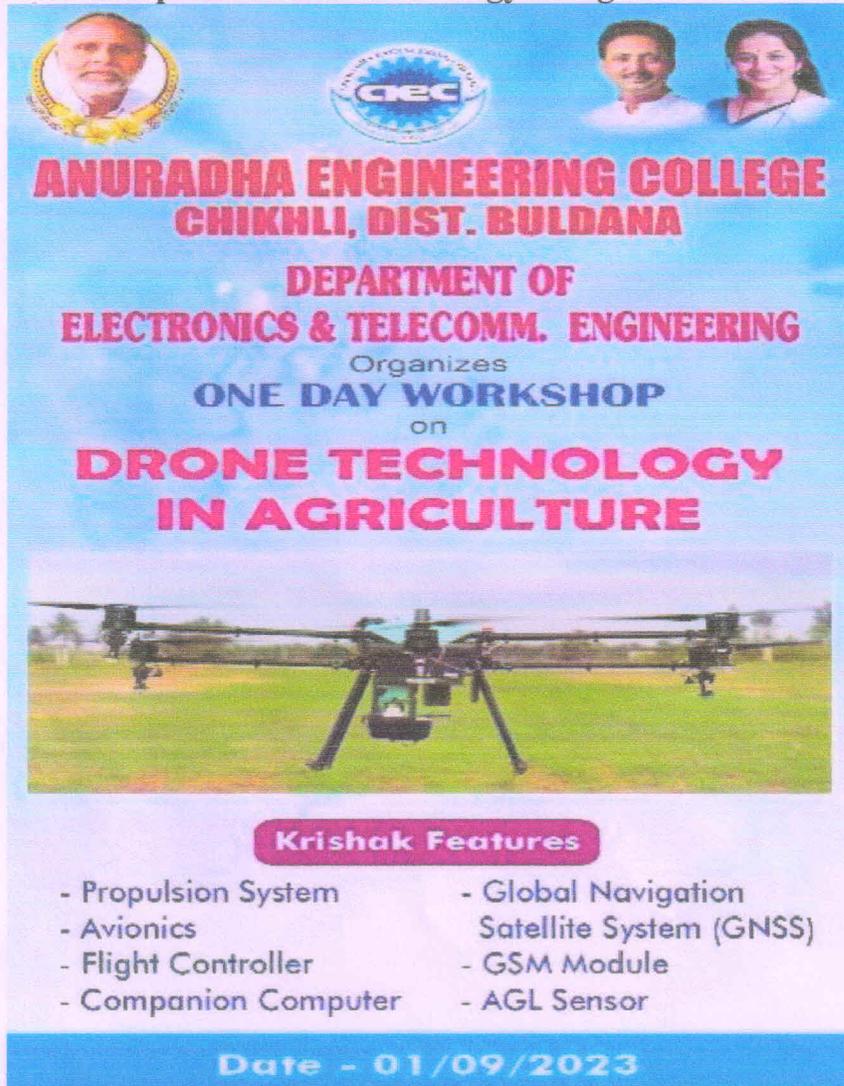

Dr. A. P. Bhatkar
T&P Coordinator,


Dr. R. B. Mapari
HOD, Electronics & Tele. Engg.
AEC, Chikhli

Report Submission Date: 04/09/2023


PRINCIPAL
Anuradha Engineering College
CHIKHLI, Dist. Buldana

Snapshots of workshop on "Drone technology in Agriculture" dated 01/09/2023



ANURADHA ENGINEERING COLLEGE
CHIKHLI, DIST. BULDANA

DEPARTMENT OF
ELECTRONICS & TELECOMM. ENGINEERING

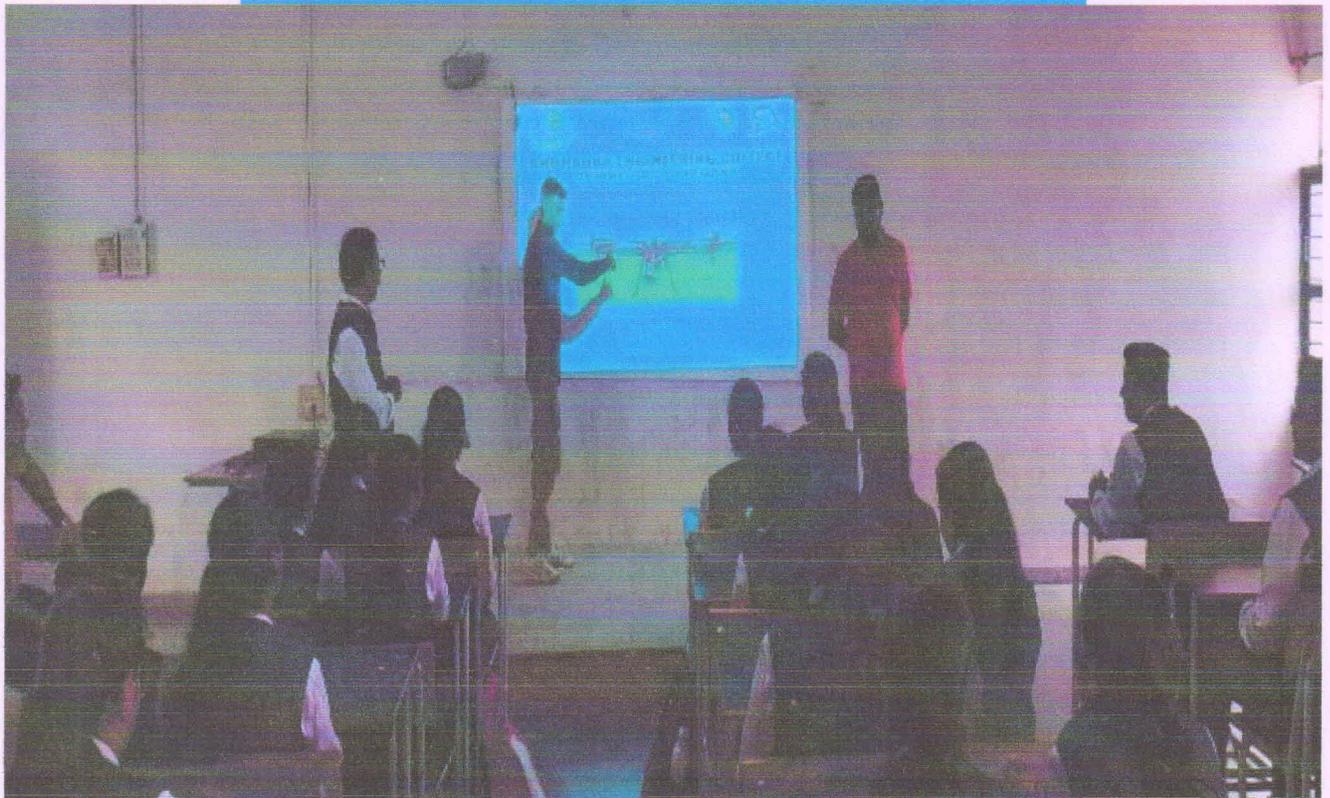
Organizes
ONE DAY WORKSHOP
on
DRONE TECHNOLOGY
IN AGRICULTURE



Krishak Features

- Propulsion System
- Avionics
- Flight Controller
- Companion Computer
- Global Navigation Satellite System (GNSS)
- GSM Module
- AGL Sensor

Date - 01/09/2023





 **GPS Map Camera**



Google

CHIKHLI, Dist Buldana Maharashtra, Maharashtra, India
964F+WFV, CHIKHLI, Dist Buldana Maharashtra, Dolkheda, Maharashtra 443201, India
Lat 20.357295°
Long 76.223496°
01/09/23 03:19 PM GMT +05:30



 **GPS Map Camera**



Google

Tambulwadi, Maharashtra, India
964C+JR8, Tambulwadi, Dolkheda, Maharashtra 443001, India
Lat 20.356794°
Long 76.221897°
01/09/23 03:55 PM GMT +05:30



 GPS Map Camera

Tambulwadi, Maharashtra, India
964C+JR8, Tambulwadi, Dolkheda, Maharashtra 443001, India
Lat 20.356791°
Long 76.221898°
01/09/23 04:25 PM GMT +05:30





Estd: 1993

Let noble thoughts come to us from every side – Rigved

Paramhansa Ramkrishna Maunibaba Shikshan Sanstha's

ANURADHA ENGINEERING COLLEGE, CHIKHLI

Recognized by AICTE New Delhi,

Permanently Affiliated to Sant Gadge Baba Amravati University, Amravati

Report on

Guest Lecture "Full Stack Development & Embedded System Development"

Organized by IEEE Student Chapter

Department of Electronics & Telecommunication Engineering

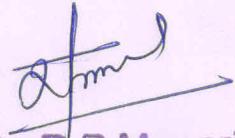
Introduction	The IEEE Student Chapter of the Department of Electronics & Telecommunication Engineering successfully organized a highly enlightening guest lecture on " Full Stack Development & Embedded System Development " on 21st December 2023 . The event aimed to provide students with valuable insights into the rapidly evolving fields of technology. The event, graced by Dr. A.N. Nanhai, Principal, saw successful organization by Dr. R. B. Mapari, HoD, and the dedicated staff, drawing participation from over 100 eager students.
Guest Speaker	The distinguished speaker for the occasion was Mr. Satish G., Academia Manager at Vector Technologies, Bengaluru. With extensive expertise in the industry, Mr. Satish G. brought a wealth of knowledge to share with the eager audience.
Key Topics Covered	<p>Full Stack Development:</p> <p>Mr. Satish G. delved into the realm of Full Stack Development, elucidating the practice of working on both the front-end and back-end aspects of a software application. Students gained a comprehensive understanding of the challenges, trends, and opportunities in this dynamic field.</p> <p>Embedded System Development:</p> <p>The guest lecture also explored Embedded System Development, where Mr. Satish G. highlighted the intricacies of designing, programming, and testing embedded systems. This included working with microcontrollers, microprocessors, sensors, and other crucial hardware components.</p>
Engagement & Interaction	The lecture saw active participation from the students, who eagerly posed questions and engaged in insightful discussions. Mr. Satish G. provided practical examples and real-world applications, making the complex topics accessible and relatable to the audience.
Key Takeaways	Attendees gained valuable insights into the current trends and future prospects of Full Stack and Embedded System Development. The practical knowledge shared by Mr. Satish G. equipped students with a broader perspective on these burgeoning fields.

Acknowledgment	The IEEE Student Chapter extends heartfelt gratitude to Mr. Satish G. for his invaluable contribution and the Department of Electronics & Telecommunication Engineering for their support in organizing this enlightening guest lecture.
Conclusion	The guest lecture on "Full Stack Development & Embedded System Development" proved to be a resounding success, providing students with a deeper understanding of two vital domains in the tech industry. The IEEE Student Chapter remains committed to organizing such insightful events to foster continuous learning among its members.



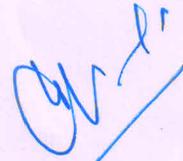
Dr. A.P. Bhatkar

T&P Coordinator, E&TC Deptt.



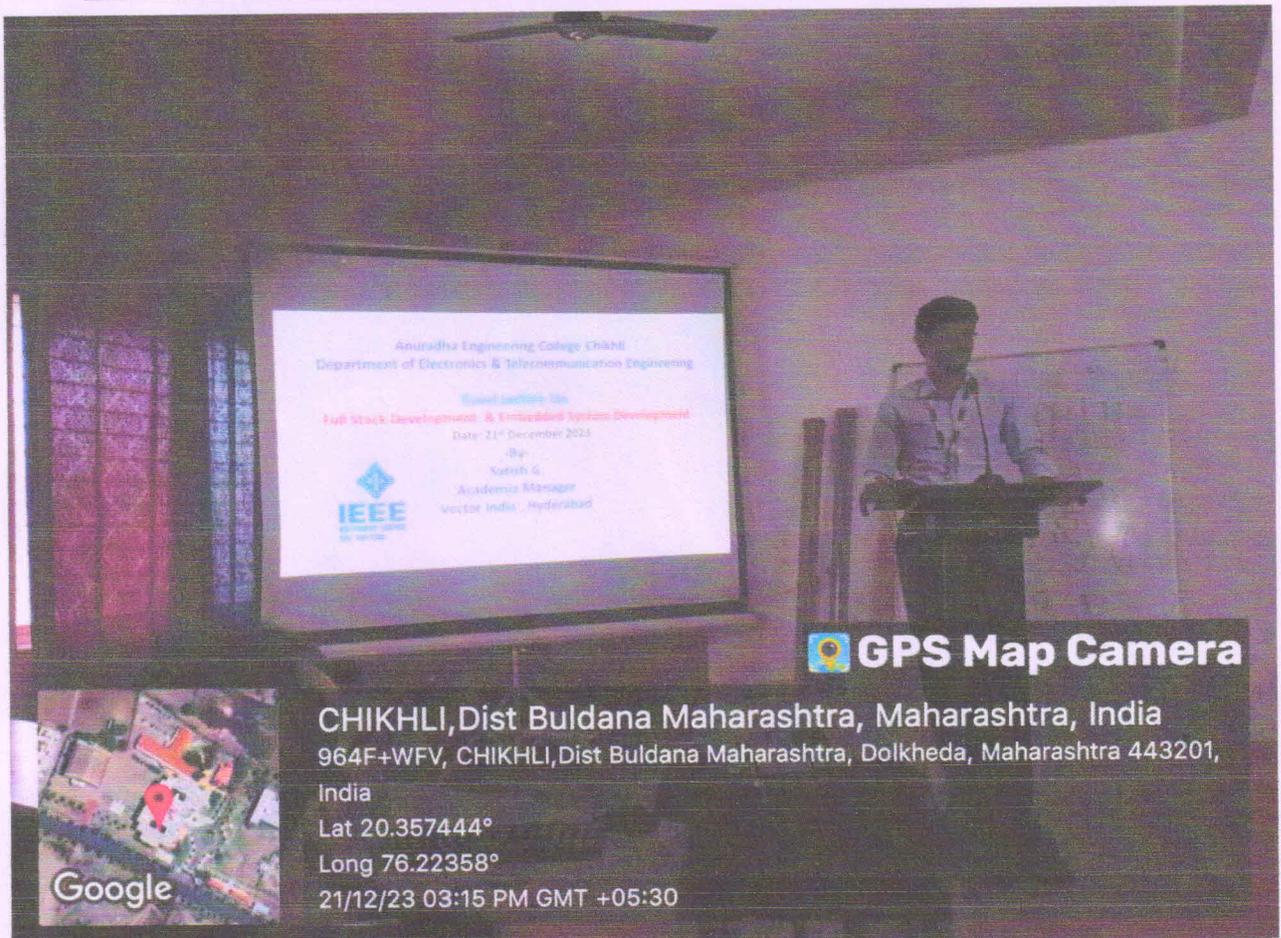
Dr. R.B. Mapari
HOD, Electronics & Tele. Engg.
AEC, Chikhli

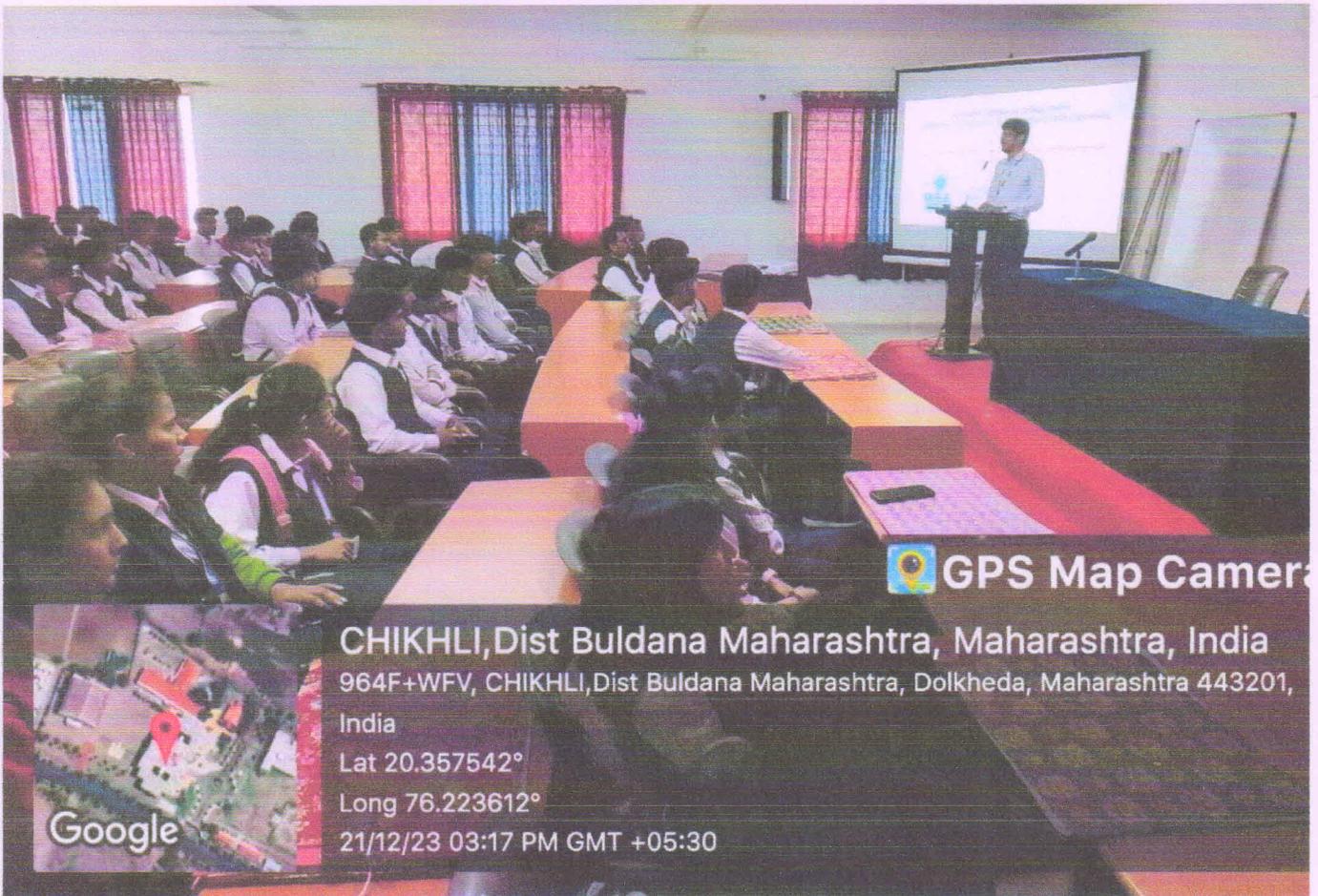
Report Submission Date: 22/12/2023



PRINCIPAL
Anuradha Engineering College
CHIKHLI, Dist. Buldana

**Glimpses from the Guest Lecture on
"Full Stack Development & Embedded System Development"**





 **GPS Map Camera**



CHIKHLI, Dist Buldana Maharashtra, Maharashtra, India
964F+WFV, CHIKHLI, Dist Buldana Maharashtra, Dolkheda, Maharashtra 443201,
India
Lat 20.357542°
Long 76.223612°
21/12/23 03:17 PM GMT +05:30

Anuradha Engineering College, Chikhli
Department of Electronics & Telecommunicating Engineering
Session: 2023-24

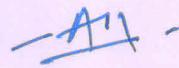
Notice

Date: 20/12/2023

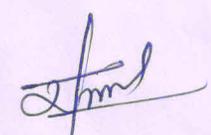
This is to inform you that there will be a guest lecture on “**Full Stack Development & Embedded System Development**” by Mr. Satish G., academia Manager at Vector Technologies, Bengaluru. This guest lecture scheduled on **Thursday, 21st December 2023 at 1:00 pm sharp in the seminar hall (B-103).**

Your attendance is highly encouraged as Mr. Satish G. will share valuable insights into the dynamic fields of Full Stack Development and Embedded System Development as Full Stack Development refers to the practice of working on both the front-end and back-end aspects of a software application and Embedded System Development involves designing, programming, and testing embedded systems. This includes working with microcontrollers, microprocessors, sensors, and other hardware components.


Dr. A.P. Bhatkar
T&P Coordinator

Copy to: 1. HOD, CSE Department 

2. HOD, IT Department 


Dr. R.B. Mapari
HOD, Electronics & Tele. Engg.
AEC, Chikhli



Estd: 1993

Let noble thoughts come to us from every side – Rigved
Paramhansa Ramkrishna Maunibaba Shikshan Sanstha's

ANURADHA ENGINEERING COLLEGE, CHIKHLI

Recognized by AICTE New Delhi,
Permanently Affiliated to Sant Gadge Baba Amravati University, Amravati

Report on webinar on “IoT with Raspberry Pi”

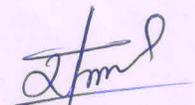
Organized by IEEE Student Chapter

Department of Electronics & Telecommunication Engineering

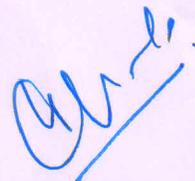
Introduction	<p>The IEEE Student Chapter of the Department of Electronics & Telecommunication Engineering successfully organized a highly enlightening webinar on “IoT with Raspberry Pi” on Tuesday, 07th November 2023 at 1:0 0 pm sharp in the seminar hall (B-103) by alumni Mr. Vijay Raut, Technical Architect TCS Research & Innovation, TCS, Pune.</p> <p>The objective of the occasion was to furnish students with valuable perspectives into the swiftly advancing realms of technology. The event, honored by Dr. A.N. Nanhai, Principal, witnessed effective coordination led by Dr. R. B. Mapari, Head of Department, and the committed faculty, attracting the enthusiastic participation of more than 100 students</p>
Guest Speaker	<p>The distinguished speaker for the occasion was college Alumni, Mr. Vijay Raut, Technical Architect TCS Research & Innovation, TCS, Pune. Mr. Vijay Raut imparted a substantial amount of knowledge to the eager audience.</p>
Key Topics Covered	<p>In the webinar, Mr. Vijay Raut delved into numerous crucial topics concerning IoT and Raspberry Pi, exploring the impact of IoT on the contemporary world and its future implications. He also highlighted the opportunities available in the field of IoT.</p> <p>Prospects in the realm of IoT are abundant, encompassing a wide array of opportunities. These include roles in IoT development, system integration, data analytics, cybersecurity, and device management.</p> <p>Additionally, there are opportunities in designing and implementing IoT solutions across various industries such as healthcare, manufacturing, agriculture, smart cities, and more. Professionals skilled in IoT technologies, data science, and machine learning are particularly sought after, as the demand for innovative solutions continues to grow.</p> <p>Entrepreneurs can also explore business opportunities by developing and providing IoT-based products and services to meet the evolving needs of the connected world.</p>

Engagement & Interaction	The webinar witnessed enthusiastic engagement from the students, who actively posed questions and engaged in meaningful dialogues. Mr. Vijay Raut provided practical examples and real-world applications, effectively simplifying complex topics and ensuring their relevance and comprehension for the audience.
Key Takeaways	Attendees gained valuable insights into the current trends and future possibilities of IoT. Mr. Vijay Raut was sharing of practical knowledge afforded students a broader perspective on these expanding domains.
Acknowledgment	The IEEE Student Chapter expresses sincere thanks to Mr. Vijay Raut for his invaluable contribution, and acknowledges the Department of Electronics & Telecommunication Engineering for their support in arranging this insightful webinar.
Conclusion	In summary, Mr. Vijay Raut's webinar emphasized the significant impact of IoT on the modern world and outlined a plethora of opportunities in areas such as development, data analytics, and cyber security. He highlighted the broad applicability of IoT across diverse industries and underscored the demand for skilled professionals, as well as entrepreneurial ventures in providing innovative solutions for the connected world.


Dr. A. P. Bhatkar
T&P Coordinator


Dr. R.B. Mapari
HOD, Electronics & Tele. Engg.
AEC, Chikhli

Report Submission Date: 09/11/2023


PRINCIPAL
Anuradha Engineering College
CHIKHLI, Dist. Buldana

Snapshots of Technical Talk on "AI" dated 07th November 2023

ANURADHA ENGINEERING, CHIKHLI

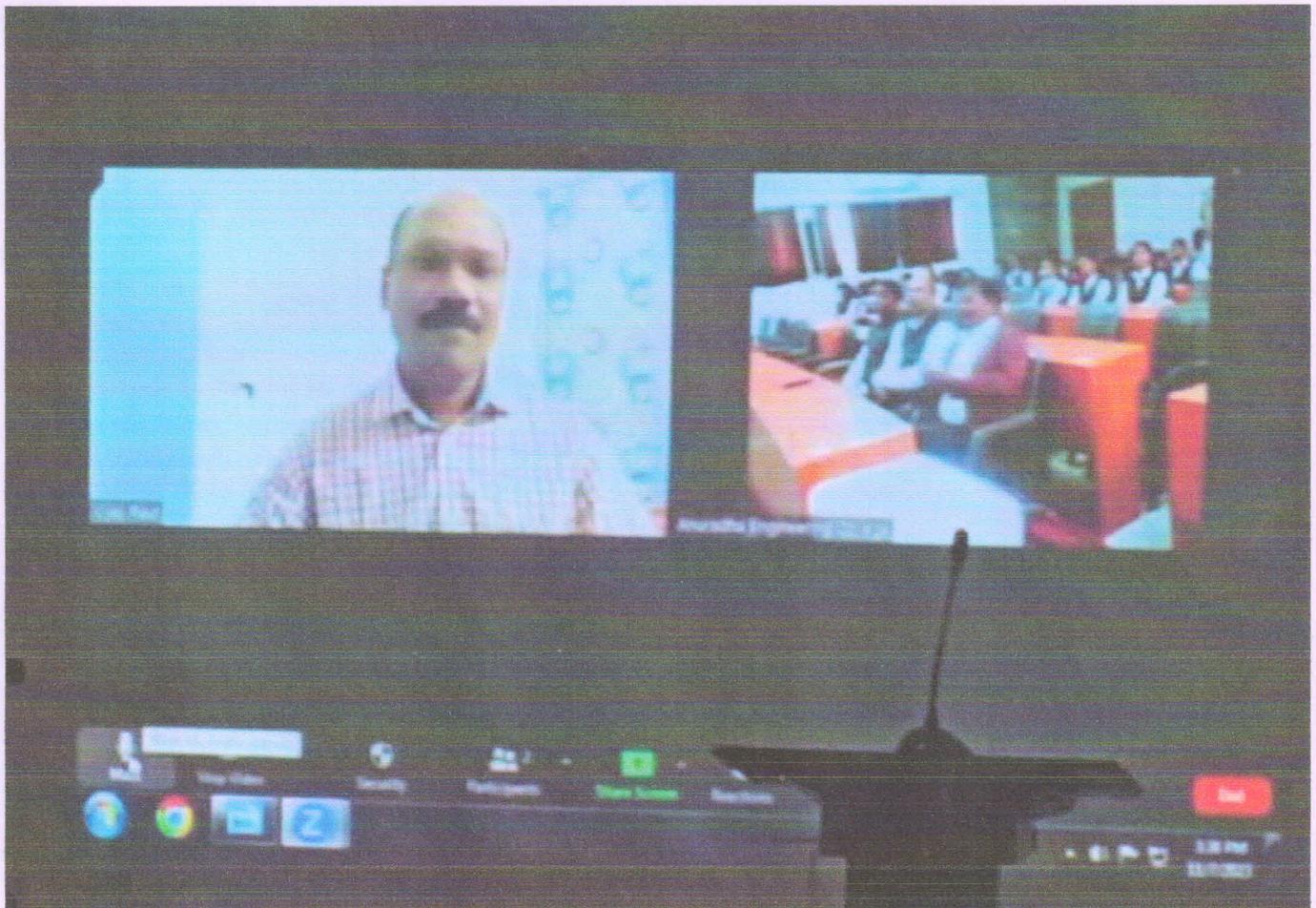
Webinar
on
Internet of things (IOT)
with
Raspberry Pi

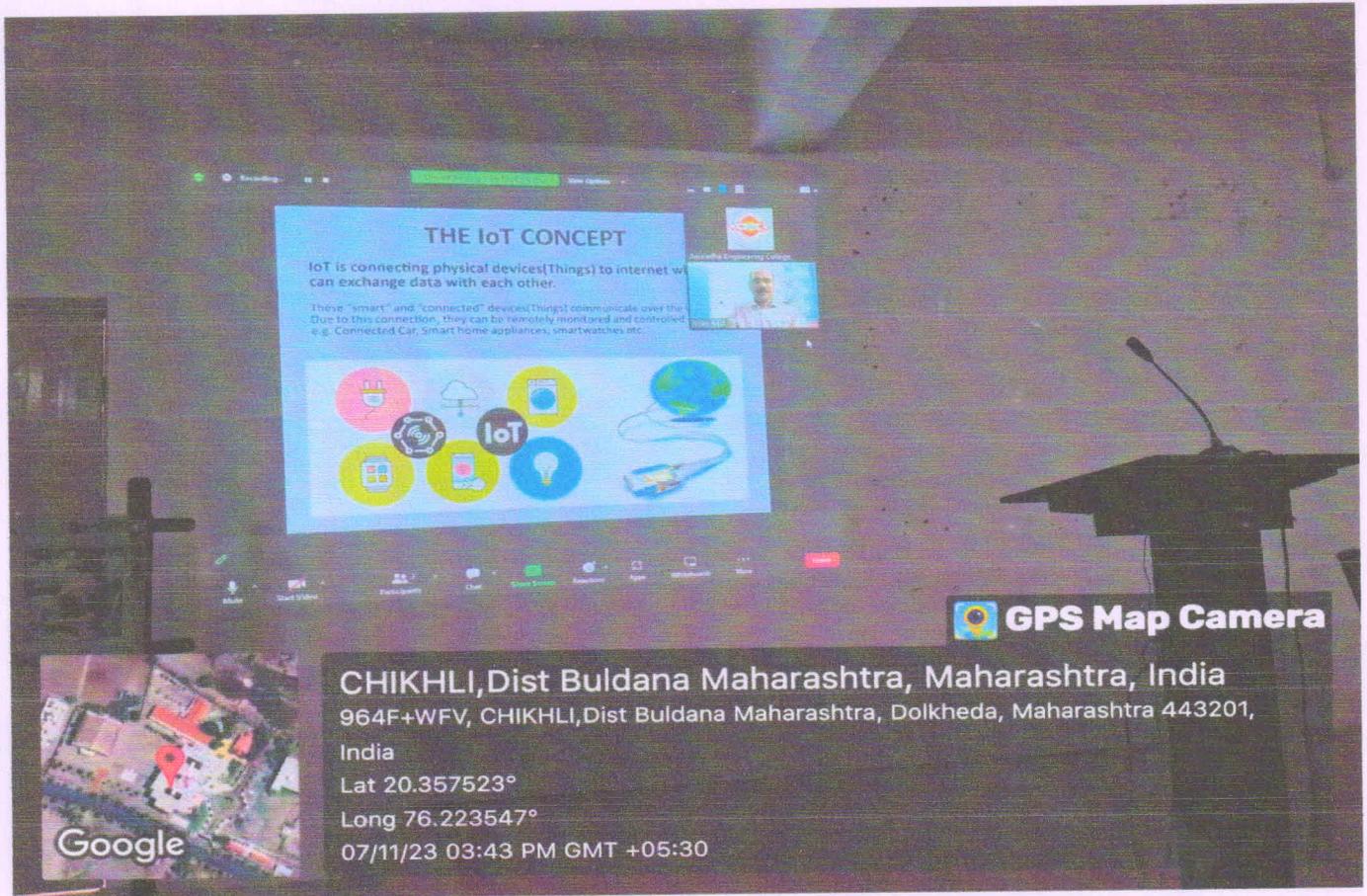
Mr. Vijay Raut
Technical Architect at
TCS Research & Innovation

Date : 7 November 2023 | Time : 1.00 pm

• Organised by •
Department of Electronics &
Telecommunication Engineering

Follow us on: www.aec.ac.in [aecchikhi](https://www.facebook.com/aecchikhi) [@AecChikhi](https://www.instagram.com/aecchikhi) [AEC Chikhi](https://www.youtube.com/channel/UC...) [AECChikhi](https://www.linkedin.com/company/aecchikhi) [aec-chikhi-7b75b41a9](https://www.youtube.com/channel/UC...)





THE IoT CONCEPT

IoT is connecting physical devices(Things) to internet which can exchange data with each other.

These "smart" and "connected" devices(Things) communicate over the net. Due to this connection, they can be remotely monitored and controlled. e.g. Connected Car, Smart home appliances, smartwatches etc.



 **GPS Map Camera**



CHIKHLI, Dist Buldana Maharashtra, Maharashtra, India
964F+WFV, CHIKHLI, Dist Buldana Maharashtra, Dolkheda, Maharashtra 443201, India
Lat 20.357523°
Long 76.223547°
07/11/23 03:43 PM GMT +05:30



 **GPS Map Camera**



CHIKHLI, Dist Buldana Maharashtra, Maharashtra, India
964F+WFV, CHIKHLI, Dist Buldana Maharashtra, Dolkheda, Maharashtra 443201, India
Lat 20.357448°
Long 76.22385°
07/11/23 03:45 PM GMT +05:30

Anuradha Engineering College, Chikhli
Department of Electronics & Telecommunicating Engineering
Session: 2022-23

Notice

Date: 04/11/2023

Dear Students,

This is to inform you that there will be online technical talk on “**IoT with Raspberry Pi**” by Mr. Vijay Raut, Technical Architect TCS Research & Innovation, TCS,Pune. This talk is scheduled on **Tuesday, 07th November 2023 at 1:00 pm sharp** in the **seminar hall (B-103)**.

Mr. Vijay Raut is poised to impart valuable insights to students concerning the dynamic and evolving domains of IoT with Raspberry Pi, presenting novel viewpoints on its applications and forthcoming trends. Delve into Innovations at the Forefront: Uncover the most recent strides in IoT and understand how they are influencing industries and societies on a global scale.

To ensure that we can accommodate all interested students and make the necessary arrangements, we kindly request that you register for the event. Registration is free and will only take a moment of your time. Here's how you can register:

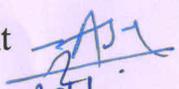
<https://forms.gle/UuGYrDjxMksYGi29>

By registering in advance, you will help us ensure a smooth and organized event, as well as provide you with a seamless experience during the technical talk. We encourage all students to take advantage of this unique opportunity to enhance your understanding of cutting-edge technology.


Dr. A. P. Bhatkar
T&P Coordinator


Dr. R. B. Mapari
HOD, Electronics & Tele. Engg.
AEC, Chikhli

Copy to:

1. HOD, CSE Department 
2. HOD, IT Department 