

Expert Talk on "Engineer to Entrepreneur" by Dushant Athavale**Date:** June 11, 2020**Key Sapeaker:** Dushant Athavale

Introduction: On June 11, 2020, an enlightening expert talk was held on the topic of "Engineer to Entrepreneur" featuring Dushant Athavale, who shared his personal journey from being a government employee to becoming a successful entrepreneur. The session aimed to inspire students and aspiring entrepreneurs by providing valuable insights and practical tips based on Athavale's own experiences.


Key Highlights:

Personal Journey: Dushant Athavale began by narrating his journey from being a government employee to venturing into entrepreneurship. He shared the challenges he faced, the lessons he learned, and the pivotal moments that shaped his entrepreneurial path. His story served as a source of inspiration for the audience, demonstrating that anyone, regardless of their background, can pursue entrepreneurship with determination and vision.

Tips for Aspiring Entrepreneurs: Athavale offered practical tips and advice to students and aspiring entrepreneurs who are considering starting their own ventures. Some of the key tips he shared include:

- o Identifying a passion or problem to solve
- o Building a strong network
- o Taking calculated risks
- o Continuous learning and adaptation

Conclusion: Dushant Athavale's expert talk on "Engineer to Entrepreneur" provided valuable insights, practical advice, and inspiration for students and aspiring entrepreneurs. By sharing his own journey and offering tips based on his experiences, Athavale encouraged the audience to pursue their entrepreneurial aspirations with passion, resilience, and a strategic mindset.


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During Session

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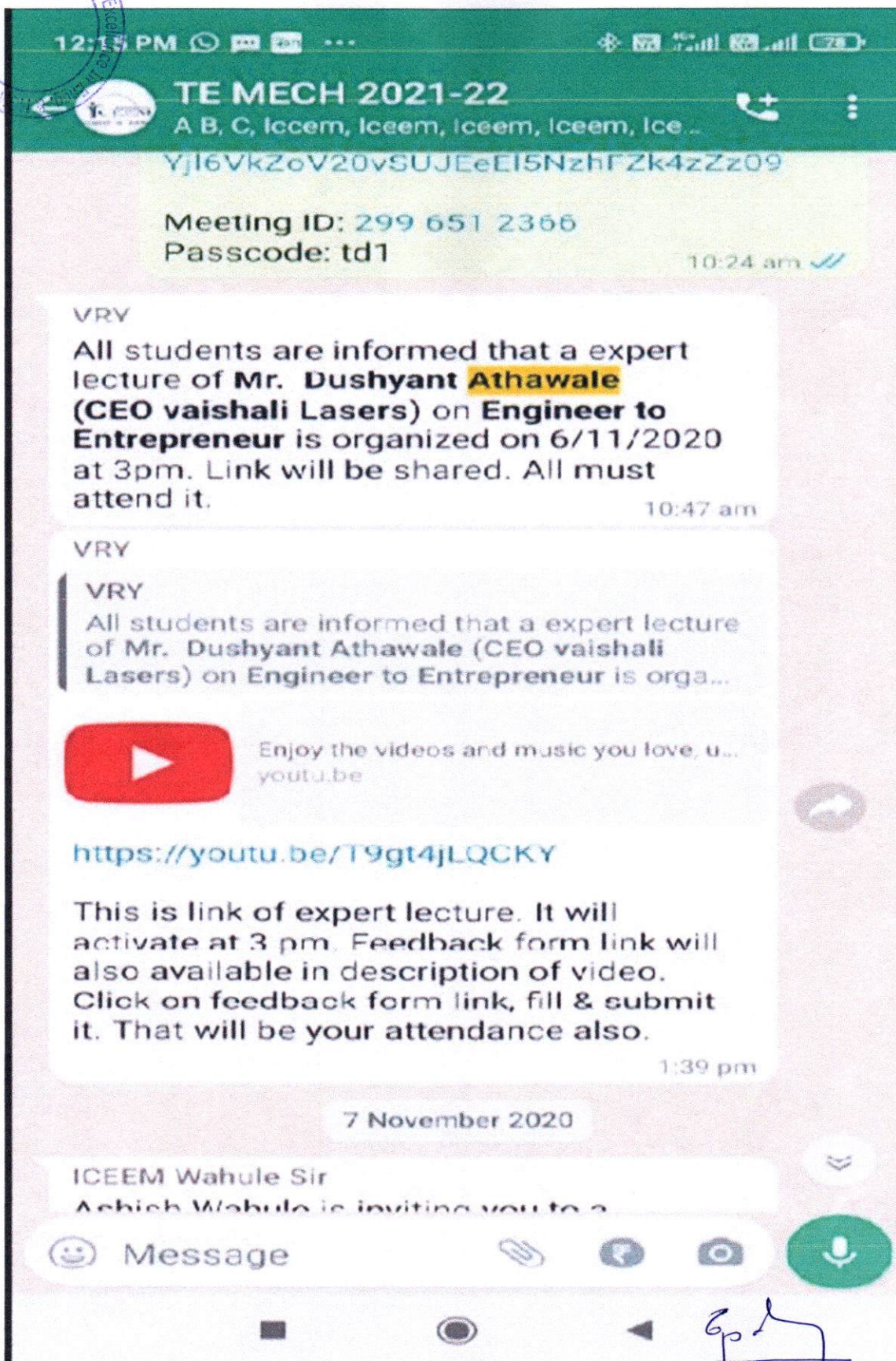
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About this call



People

Information

IN CALL



jyoti dighole (You)



aditi nikalje



Akanksha Niture



Ansari Sidratul munteha



Anuja Pawal



archana adhav



archana kunte



arpita kalyankar



Arti Bhorde



asha dhumal



ashwini lipne



Asmita Mathkari




BALUSHAM KHARAT



Bhosle Sonali



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 Search

jyoti dighole (me)



Rupali Darunte



Ajay Khandagale J20 Pune



Anpat Snehal



Ashish Vaishnav



Hemraj



Ketan Kulkarni



Lonkar mayur Gorakh



Mangesh Naik



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Manisha Pawar

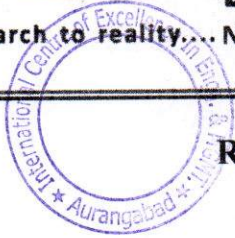


Pragati Gopale



Pratiksha patange





Report on Data Science and Machine Learning Workshop

Date: September 6, 2020

Introduction:

On September 6, 2020, by Mr. Rajak Shaikh a comprehensive workshop on data science and machine learning was conducted to provide participants with insights into these rapidly evolving fields. The workshop aimed to equip participants with the foundational knowledge, practical skills, and industry insights necessary to embark on a career or enhance proficiency in data science and machine learning.

Objective:

The primary objective of the workshop was to introduce participants to the principles, techniques, and applications of data science and machine learning. The workshop also aimed to demonstrate real-world use cases and provide hands-on experience with popular tools and technologies used in these domains.

Introduction to Data Science and Machine Learning:

- Overview of data science and machine learning: Definition, scope, and importance in various industries.
- Key concepts and terminology: Data types, data preprocessing, feature engineering, algorithms, and models.

Data Wrangling and Exploration:

- **Data collection and preprocessing:** Data sources, data cleaning, missing value imputation, and data transformation techniques.
- **Exploratory data analysis (EDA):** Descriptive statistics, data visualization, and insights generation using libraries such as Pandas and Matplotlib.

Machine Learning Fundamentals:

Introduction to machine learning: Supervised learning, unsupervised learning, and reinforcement learning.

Model training and evaluation: Splitting data into training and testing sets, model selection, performance metrics, and cross-validation.

Practical exercises: Participants engaged in hands-on workshops using popular Python libraries such as

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Scikit-learn and TensorFlow.

Case studies: Real-world use cases and applications of data science and machine learning in industries such as finance, healthcare, e-commerce, and marketing.

Advanced Topics and Emerging Trends:

- Advanced machine learning techniques: Ensemble methods, deep learning, natural language processing (NLP), and computer vision.
- Emerging trends in data science and machine learning: AutoML, explainable AI, federated learning, and ethical considerations.

Career Opportunities and Skills Development:

Career paths in data science and machine learning: Data scientist, machine learning engineer, data analyst, AI researcher, and related roles.

Skills and qualifications: Technical skills, programming languages (Python, R), mathematical foundations, domain expertise, and educational pathways.

Workshop Delivery:

The workshop was delivered through a combination of lectures, demonstrations, hands-on exercises, and interactive discussions. Experienced instructors and industry practitioners led the sessions, sharing their expertise, insights, and practical tips with the participants.

Key Takeaways:

- Foundational Knowledge: Participants gained a solid understanding of the core concepts, techniques, and methodologies in data science and machine learning.
- Practical Skills Development: Participants acquired hands-on experience with data manipulation, visualization, model building, and evaluation using industry-standard tools and libraries.
- Industry Insights: Participants learned about real-world applications of data science and machine learning across diverse sectors and gained insights into career opportunities and skill requirements.
- Networking Opportunities: The workshop provided participants with opportunities to network with industry professionals, exchange ideas, and seek guidance on career paths and skill development.

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Conclusion:

The data science and machine learning workshop provided participants with a comprehensive overview of these rapidly growing fields and equipped them with practical skills and industry insights. By bridging the gap between theory and practice, the workshop empowered participants to leverage data-driven approaches, solve complex problems, and capitalize on the abundant career opportunities in data science and machine learning.

Gp-2

Gp-2

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EXPERT LECTURE ON

DATA SCIENCE & MACHINE LEARNING

" SPEAKER: MR. RAJAK SHAIKH "

**DATE: 6/09/2020
TIME: 1:00 PM**

VENUE: Zoom online Mode

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About this call

People

Information



Prof. Hemant Jadhav



Punam Divate



rutuja gandhile



Sakshi Rasve



Sanghmitra Salve



Sapna Giram



Sheela Lakhmal



Shital Patil



shivee gupta



shraddha kalbande



shradhha parve



Snehal Shinde



Sukanya Katare



surbhi thorat



Tanuja Joshi



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**INTERNATIONAL CENTRE OF EXCELLENCE IN ENGINEERING AND
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MECHANICAL ENGINEERING DEPARTMENT

EXPERT LECTURE REPORT

ON

"DEMONSTRATION AND TRAINING ON COMPRESSOR AND LIFTING EQUIPMENTS"

By:

Er. N S Chavan,

Chartered Engineer,

Aurangabad.

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2. Lecture Summary
3. Session Content
4. Target Participants
5. Photo Gallery



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Objective:

Main objective is to fill the gap between Industry and curriculum and to create direct interaction of with industrial key persons for faculty

Lecture Summary:

International Centre of Excellence in Engineering and Management, Mechanical Engineering department along arranged guest lecture on the topic “Demonstration and training on compressor and lifting equipments” for all faculty on 2nd November 2020. This lecture was conducted by Er. N. S.Chavan, he is a chartered engineer in Aurangabad.

He demonstrated working of compressor and conducted training on compressor and lifting equipments. The importance of the same was explained by him. He also explained the role of chartered engineer in industrial safety and briefly explained about industrial equipment audits like boilers, compressors etc. The talk was very timely and well appreciated by the audience. He further explained about a training sessions which can be arranged to learn more the industrial equipments audit.

Session Content:

- Introduction to Compressor.
- Introduction Lifting equipments
- Some Industrial Case studies.

Target Participants:

- Mechanical engineering faculty.


Expert Lecture Coordinator


HOD



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Photo Gallery



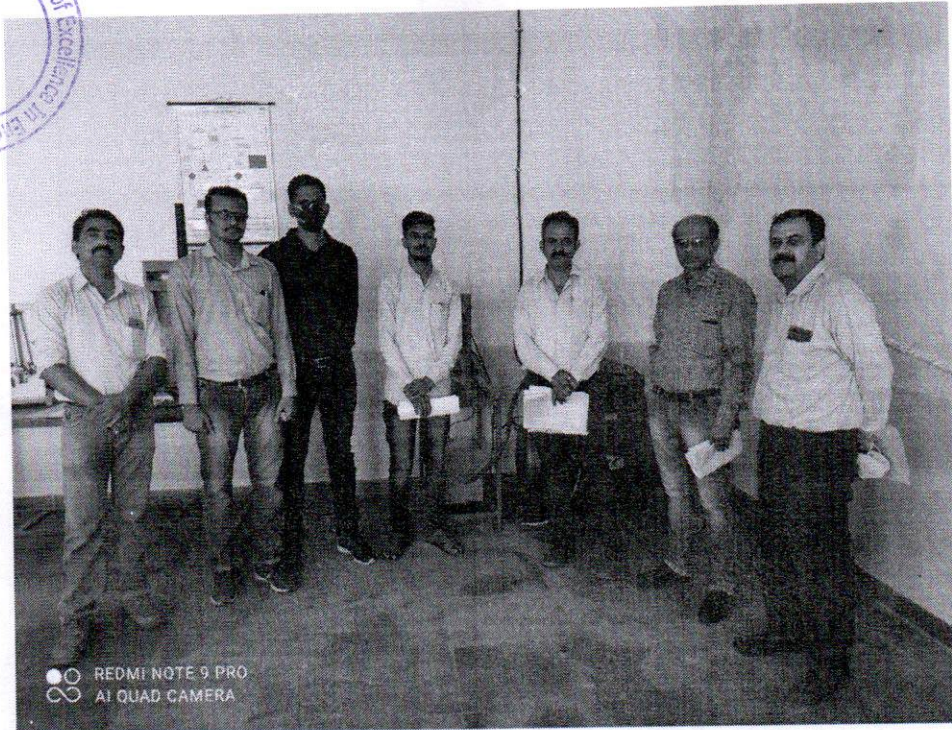
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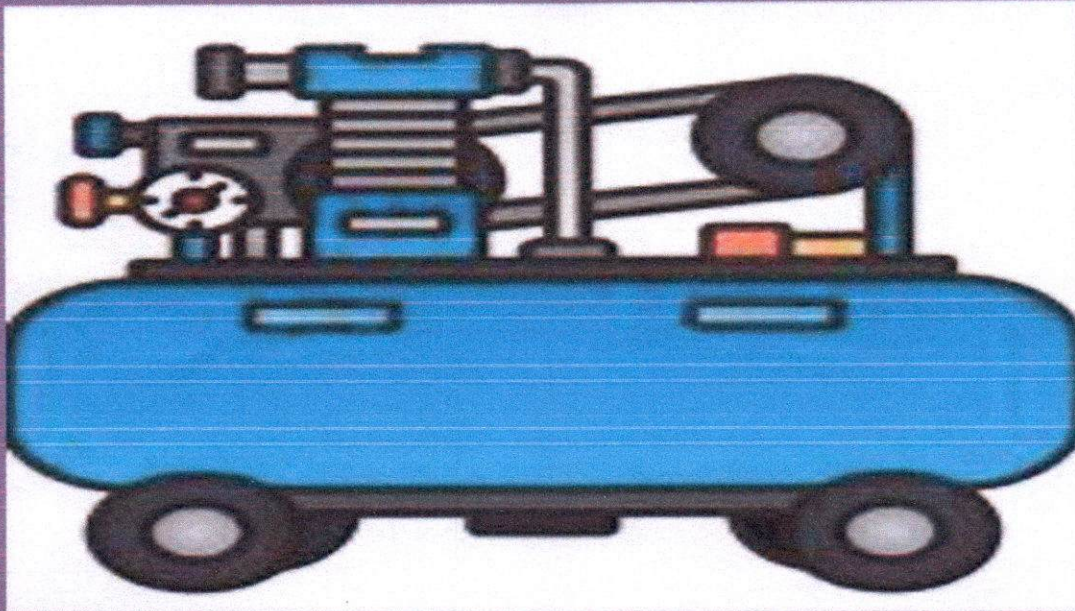
During demonstration and training on compressor



During Question and answers

6/7

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Expert Lecture on Demonstration & Training on Compressor & Lifting Equipments

Speaker: Er. N.S. Chavan

Date: 2/11/2020
Time: 1:00 PM

Venue: TD Lab

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Report on

Date: 28/11/20

SATELLITE TECHNOLOGY

Introduction:

On 28th November, 2020, by a comprehensive report on satellite technology was prepared to provide insights into the evolution, applications, and future trends of satellite technology. The report aimed to highlight the significance of satellite technology in various fields, including telecommunications, navigation, earth observation, and space exploration. The chief guest are Mr. Ravishankar Kumar (Founder IDYM) & Director

Evolution of Satellite Technology:

Satellite technology has witnessed remarkable advancements since the launch of the first artificial satellite, Sputnik 1, by the Soviet Union in 1957. Over the decades, satellite technology has evolved from basic communications and weather forecasting to more sophisticated applications, thanks to advancements in spacecraft design, propulsion systems, and onboard instrumentation.

Key Applications of Satellite Technology:

1. Telecommunications: Satellites play a crucial role in global telecommunications by facilitating long-distance communication, internet connectivity, and broadcasting services. Geostationary satellites, in particular, provide widespread coverage and support a wide range of communication services, including television broadcasting, mobile telephony, and broadband internet.
2. Earth Observation: Satellites equipped with remote sensing instruments capture high-resolution imagery and data about the Earth's surface, atmosphere, and oceans. Earth observation satellites are used for environmental monitoring, disaster management, agriculture, urban planning, and natural resource management.
3. Navigation and Positioning: Global Navigation Satellite Systems (GNSS), such as GPS (Global Positioning System), GLONASS, and Galileo, enable precise positioning, navigation, and timing services worldwide. GNSS satellites provide essential navigation support for a wide range of applications, including aviation, maritime navigation, surveying, and location-based services.
4. Weather Forecasting and Climate Monitoring: Weather satellites gather real-time data on atmospheric conditions, cloud cover, and oceanic parameters to generate accurate weather

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forecasts and monitor long-term climate trends. Satellite-based weather monitoring systems a disaster preparedness, severe weather prediction, and climate research.

5. Space Exploration and Scientific Research: Satellites and space probes are used for exploration missions, planetary research, and scientific experiments. Robotic spacecraft, su Mars rovers and lunar orbiters, collect data about celestial bodies, study their geology, and s for signs of life beyond Earth.

Future Trends and Innovations:


1. Small Satellites and CubeSats: The trend towards miniaturization and cost reduction has led proliferation of small satellites and CubeSats, enabling affordable access to space for aca institutions, startups, and commercial ventures.

2. High-Throughput Satellites: Next-generation high-throughput satellites (HTS) employ ad payload technologies and frequency reuse schemes to deliver higher data throughput latency, and improved coverage for broadband internet services.

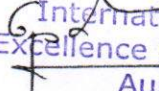
3. Constellation Satellites: Satellite constellations consisting of hundreds or thousa interconnected satellites in low Earth orbit (LEO) promise to revolutionize global connecti (Internet of Things), and Earth observation capabilities.

Outcome:

Satellite technology continues to play a pivotal role in shaping modern society, enablin connectivity, enhancing navigation capabilities, monitoring the environment, and expan understanding of the universe. With ongoing technological innovations and advancements, the satellite technology holds tremendous potential for addressing global challenges, driving growth, and unlocking new opportunities for exploration and discovery.



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Close

Participants (20)

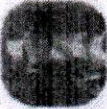
Search



jyoti dighole (me)



Rutuja Chamle



Ajay Khandagale J20 Pune



Anpat Snehal



Ashish Vaishnav



Hemraj



Ketan Kulkarni



Mangesh Naik



Manisha Pawar



Pratiksha patange



Saurabh Dhok



Vaibhav Dhere



Lonkar mavur Gorakh



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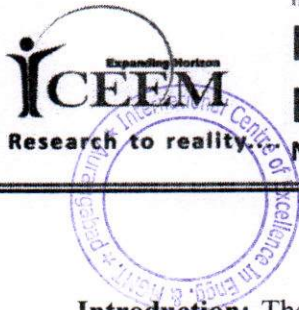


Webinar on Satellite Technology

Speaker: Mr. Ravishankar

Date: 28/11/2020

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Alumni Talk Report on Current Trends in Market

Introduction: The Alumni Talk on Current Trends in Market, organized by the International Centre of Excellence in Engineering and Management (ICEEM) on March 12th, 2021, aimed to provide insights into the current market scenario and emerging trends from the perspective of ICEEM alumni. The talk aimed to bridge the gap between academia and industry by leveraging the experiences and expertise of alumni working in leading organizations.

Details of Activity:

Organized by: International Centre of Excellence in Engineering and Management (ICEEM)

Venue: Zoom Online Mode

Date: 12-03-2021

Key Highlights:

- 1. Key Speaker - Ms. Shyama Shivdas:** The Alumni Talk featured Ms. Shyama Shivdas as the key speaker, an ICEEM alumni currently working in INFOSYS Ltd. Ms. Shivdas shared her experiences, observations, and views regarding the current market scenario, drawing from her firsthand experiences in the corporate world.
- 2. Insights into Market Trends:** Ms. Shivdas provided insights into the current trends shaping the market landscape, including technological advancements, changes in consumer behavior, and global economic dynamics. She highlighted the impact of digital transformation, remote work trends, and sustainability initiatives on businesses and industries.
- 3. Perspectives on Industry Challenges:** Participants gained perspectives on the challenges facing industries in today's competitive market environment. Ms. Shivdas discussed the importance of agility, resilience, and adaptability for organizations to navigate challenges such as market disruptions, regulatory changes, and geopolitical uncertainties.
- 4. Lessons Learned and Best Practices:** The Alumni Talk featured lessons learned and best practices from Ms. Shivdas's professional journey in INFOSYS Ltd. She shared practical insights into effective leadership, teamwork, problem-solving, and innovation, emphasizing the importance of continuous learning and professional development.

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- 5. Career Advice and Guidance:** Ms. Shivdas provided career advice and guidance to aspiring professionals and current students based on her experiences in the industry. She highlighted the importance of networking, building a personal brand, and pursuing opportunities for growth and advancement in one's career.
- 6. Interactive Q&A Session:** The Alumni Talk concluded with an interactive Q&A session where participants had the opportunity to engage with Ms. Shivdas, ask questions, and seek advice on specific topics related to the market trends, career development, and industry insights.

The Alumni Talk on Current Trends in Market organized by ICEEM provided participants with valuable insights and perspectives on the evolving market landscape from the viewpoint of an ICEEM alumni working in INFOSYS Ltd. Ms. Shyama Shivdas's expertise and experiences enriched the session, offering practical guidance and inspiration to participants as they navigate their career paths.

This initiative reflects ICEEM's commitment to fostering a strong alumni network and facilitating knowledge exchange between alumni, students, and faculty members. By leveraging the experiences and insights of alumni, ICEEM aims to empower participants with the knowledge and skills needed to succeed in the dynamic and competitive market environment.


Coordinator


Campus Director


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Alumni Talk: Current Trend in Market

Speaker: Ms Shyama Shivdas

Date: 12/03/2021

Time: 12:00 pm

Venue: Zoom online mode

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About this call

People

Information



Komal jagtap



Komal Padghan



lalita bankar



Laxmi Shendge



M. Kale



M. Kale



Mangesh Naik



Manisha Katare



Manisha Pawar



manjusha gondhalkar



MCED Jalna



Mohini Bidwe



mohini choure



Monika Chavan



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**INTERNATIONAL CENTRE OF EXCELLENCE IN ENGINEERING AND
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MECHANICAL ENGINEERING DEPARTMENT

WEBINAR REPORT

ON

"SCOPE IN EDUTECH COMPANIES & HOW TO PREPARE FOR INTERVIEWS"

By:

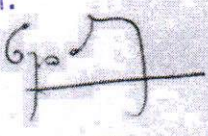
Mr. Prashant Khedkar

Sr. Education Counselor,

Think and Learn Pvt. Ltd.

(Byju's)


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Objective:

Main objective is to focus on opportunities in edutech companies and how to grab that opportunities and create awareness by interacting with specialist of that domain.

Lecture Summary:

International Centre of Excellence in Engineering and Management, Mechanical Engineering department along arranged Webinar on the topic "Scope in Edutech Companies & How to prepare for Interviews" for all student on 1st June 2021. This webinar was conducted by Mr. Prashant Khedkar, he is a Sr. Education Counselor in Think and Learn Pvt. Ltd. (Byju's)

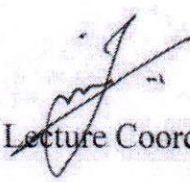
He explained current scenario of edutech industries and job opportunities in edutech companies. He encouraged students to focus on high salary job in edutech companies and told them that any engineer get recruited in edutech companies irrespective of branch. He also explained skill required to get high salary package and gave interview preparation tips for the same. The talk was very timely and well appreciated by the audience.


Session Content:


- Introduction to Edutech sector.
- Opportunities in Edutech companies
- Interview preparation.

Target Participants:

- Engineering Students.


Expert Lecture Coordinator


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HOD



INTERNATIONAL CENTRE OF EXCELLENCE IN ENGINEERING & MANAGEMENT

Organizes Webinar on

SCOPE IN EDUTECH COMPANIES AND HOW TO PREPARE FOR INTERVIEWS



Guest Speaker (Our Pride Alumnus)

***Mr. Prashant Khedjkar
Sr. Education Counsellor
Think and Learn Pvt. Ltd.
(Byju's)***

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India's Top Edutech Companies with Starting Packages in
the range.

Byju's - 8 Lacs per anum

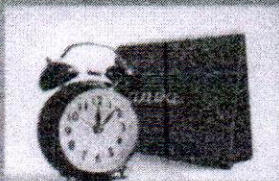
Vedantu - 9 Lacs per anum

Unacademy - 6 Lacs Per anum

White hat Jr. - 5 Lacs per anum



***Any Engineer irrespective of branch can
get recruitment in top edu tech
companies..***



1 June 2021

11.30 A.M.

Join us on

<https://us02web.zoom.us/j/8189666339>

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12:01 PM

← **BE MECH 2020-21**

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Janjal

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Organizes Webinar on

International Centre o...

1 page • 655 kB • PDF 7:25 pm

Janjal

INTERNATIONAL CENTRE OF EXCELLENCE IN ENGINEERING & MANAGEMENT

Organizes Webinar on

SCOPE IN EDUTECH COMPANIES AND HOW TO PREPARE FOR INTERVIEWS

Guest Speaker (Our Pride Alumnus)

Mr. Prashant Khedjkar
Sr. Education Counsellor
Think and Learn Pvt. Ltd.
(Byju's)

India's Top Edutech Companies with Starting Packages in the range

- Byju's - 8 Lacs per annum
- Vedantu - 9 Lacs per annum
- Unacademy - 6 Lacs Per annum
- White hat Jr - 5 Lacs per annum

Any Engineer irrespective of branch can get recruitment in top edutech companies.

join us on

1 June 2021 11:20 A.M. 7:26 pm

Janjal



Scope in edutech webinar
Group chat invite

Follow this link to join my WhatsApp



Message



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Date: 13/07/21

**Report on
WORKSHOP ON RESEARCH METHODOLOGY**

Introduction: A Workshop on Research Methodology was organized by ICEEM College on 13 July 2021 at Seminar Hall, ICEEM. It was organized with the objective of enhancing students' understanding and proficiency in conducting research across various disciplines. The Director, HOD's of various departments, Faculty & students all attended this workshop.

Participants:

- Director, ICEEM
- Mr. Abhayjeet Singh, CEO ImaginXP
- HOD
- Faculty
- Students

Program Flow: The guest speaker opened with the fact that "The workshop aimed to provide hands-training, practical insights, and interactive discussions to equip attendees with the necessary tools and techniques for undertaking rigorous and methodologically sound research."

- The following points were touched upon:
- Interactive Sessions on Research Design
- Practical Training on Sampling Techniques
- Hands-On Data Collection and Analysis
- Ethical Considerations in Research

Outcome: This workshop was an enlightening experience for the students. By combining theoretic knowledge with hands-on training and interactive discussions, the workshop aimed to empower students to undertake rigorous and ethically responsible research across diverse fields and contexts.



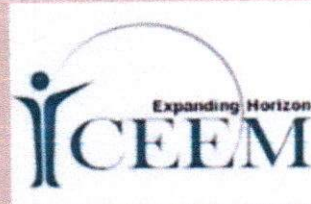
Coordinator



Campus Director

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Workshop on Research Methodology



Speaker: Mr. Abhayjeet singh

Date: 13/07/2021

Venue: Zoom online mode

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About this call



People

Information



Sanghmitra Salve

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Sapna Giram

ch

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Sheela Lakhmal

ch

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Shital Patil

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shivee gupta

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shraddha kalbande

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shradhha parve

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Snehal Shinde

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Sukanya Katare

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Tanuja Joshi

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Vaishali Dapke

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Vaishnavi Ugale

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Vineeta Lahane

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Vrushali Tapade

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People

Information



Komal jagtap



Komal Padghan



lalita bankar



Laxmi Shendge



M. Kale



M. Kale



Mangesh Naik



Manisha Katare



Manisha Pawar



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Report on Expert Talk on "CFD and its Application in Industry"

Introduction: The Expert Talk on "CFD and its Application in Industry," hosted by the International Centre of Excellence in Engineering and Management (ICEEM) on July 13th, 2021, aimed to provide participants with insights into Computational Fluid Dynamics (CFD) and its diverse applications across various industries. The talk focused on introducing participants to the fundamentals of CFD and showcasing its practical relevance in industrial settings.

Organized by: International Centre of Excellence in Engineering and Management (ICEEM)

Venue: Online Mode

Date: 13-07-2021

Key Highlights:

- 1. Key Speaker - Mr. Akshansh Kataria (R&D Head, Ecosense Appliances Pvt. Ltd.):** Mr. Akshansh Kataria, the R&D Head at Ecosense Appliances Pvt. Ltd. served as the key speaker for the expert talk. With his extensive experience in the field of engineering and fluid dynamics, Mr. Kataria provided valuable insights into the principles and applications of CFD.
- 2. Introduction to CFD:** The expert talk began with an introduction to Computational Fluid Dynamics (CFD), explaining its significance in analyzing fluid flow phenomena using numerical methods. Mr. Kataria discussed the basic principles of CFD, including governing equations, discretization techniques, and numerical solution methods.
- 3. Applications in Various Industries:** Participants gained insights into the wide-ranging applications of CFD across various industries. Mr. Kataria showcased examples of CFD applications in automotive, aerospace, HVAC (Heating, Ventilation, and Air Conditioning), renewable energy, and manufacturing sectors. He highlighted how CFD simulations are used to optimize designs, improve performance, and reduce costs in industrial processes.
- 4. Case Studies and Practical Examples:** The expert talk included case studies and practical examples to illustrate the application of CFD in real-world scenarios. Mr. Kataria shared insights into how CFD simulations are utilized to analyze airflow patterns in automotive vehicles, optimize turbine blade designs, predict heat transfer in electronic devices, and optimize HVAC systems for energy efficiency.

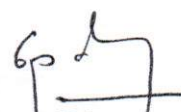
5. Challenges and Future Trends: Participants learned about the challenges and future trends in CFD technology. Mr. Kataria discussed emerging trends such as high-fidelity simulations, coupled multi-physics simulations, and the integration of machine learning and artificial intelligence techniques with CFD. He also addressed challenges related to computational resources, model validation, and uncertainty quantification in CFD simulations.

6. Interactive Q&A Session: The expert talk concluded with an interactive Q&A session where participants had the opportunity to ask questions and seek clarification from Mr. Kataria. Participants engaged in discussions about specific CFD applications, simulation techniques, and industry best practices, fostering knowledge exchange and collaboration.

The Expert Talk on "CFD and its Application in Industry" organized by ICEEM provided participants with valuable insights into the principles and applications of Computational Fluid Dynamics across various industries. Mr. Akshansh Kataria's expertise and practical examples enriched the session, offering participants actionable information and strategies to leverage CFD technology in their respective fields.



Coordinator



Campus Director



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About this call



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Information



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Nikita Nalawade

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Nisha Bhosale

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Nisha Shinde

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Payal Pagar

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Pooja Dakh

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Pooja Deshmukh

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International Centre of Excellence in Engineering & Management, Aurangabad

Invites you for a webinar on
**COMPUTATIONAL FLUID DYNAMICS (CFD) AND IT'S
APPLICATION IN INDUSTRY**



Mr. Akshansh Kataria
R & D Head
Ecosense Appliances Pvt. Ltd.

13th July 2021 : 11.30 am to 1:00 pm

Registration Link: <https://chat.whatsapp.com/JBKsVvKtke57j48EFPV9ta>

Organized by : Mechanical Engg. Department

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Google Meet joining info

Video call link: <https://meet.google.com/ejf-xgiv-trb>

Feedback link: <https://forms.gle/ycbdSv2VD7fqFEz66>

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About this call



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