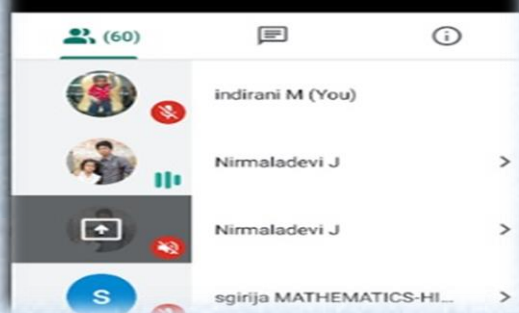
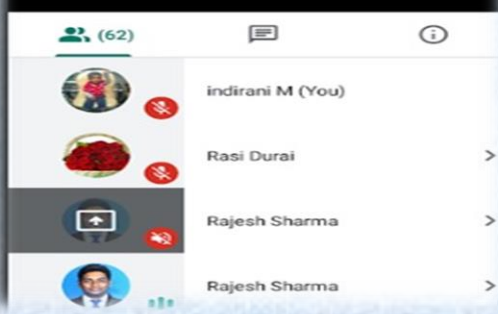


# DEPARTMENT OF INFORMATION TECHNOLOGY

## TECHNICAL EVENTS ORGANIZED

ACADEMIC YEAR: 2020 - 2021



HINDUS HAN COLLEGE OF ENGINEERING AND TECHNOLOGY  
Coimbatore-641 059  
(An Autonomous Institution)  
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
& Accredited with "A" Grade by NAAC

DEPARTMENT OF INFORMATION TECHNOLOGY  
ORGANIZES  
Webinar Series on  
"Research Challenges and Applications in Data Science"  
August 24-28, 2020

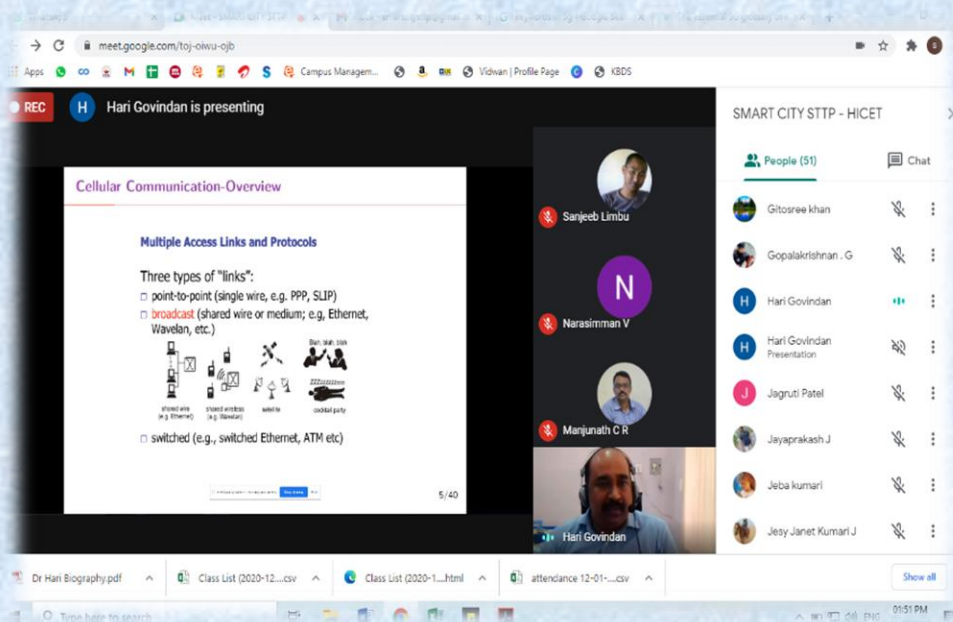
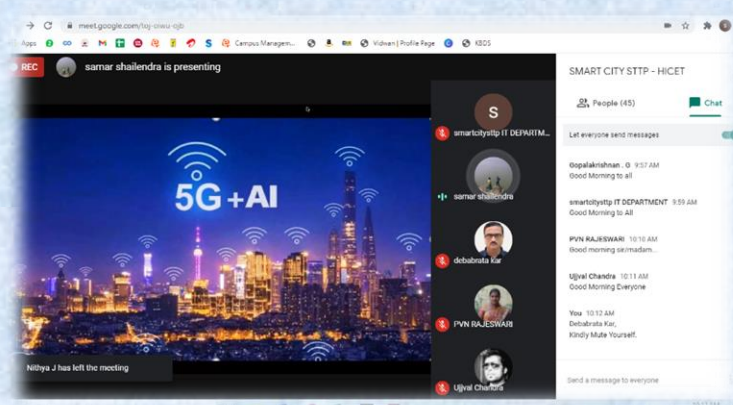
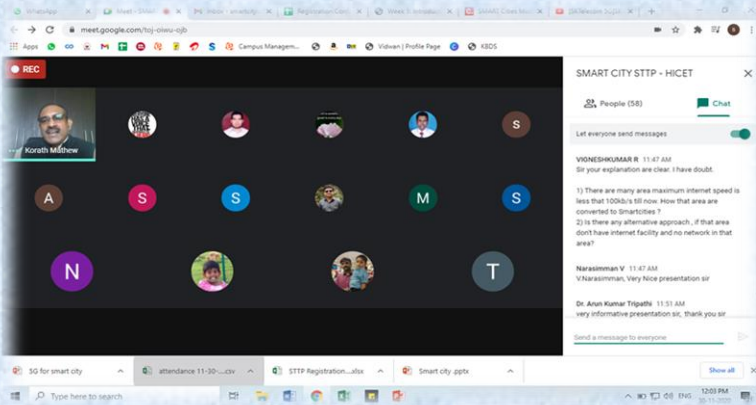
<b>Emerging Trends &amp; Challenges in Data Science</b> Dr.J.Nirmaladevi Prof. & Head, Dept. of IT Excel College of Engineering <b>Aug 24, 2020</b>	<b>Applications of Data Science</b> Dr.R.RajeshSharma AP/Dept. of CSE Adama Science & Technology University Ethiopia <b>Aug 25, 2020</b>
<b>Recent Research Advancements in Medical Signal Processing</b> Dr.S.Poornachandra Recipient IETE, R.S.Khandpur Award <b>Aug 26, 2020</b>	<b>Emerging Trends &amp; Challenges in Data Science</b> Dr. J. V. Bibal Benifa Assistant Professor IIT Kottayam <b>Aug 27, 2020</b>
<b>Python for Data Science</b> Dr.M.Chengathir Selvi AP/Dept. of IT Kamaraj College of Engineering <b>Aug 28, 2020</b>	

\*\*E-Certificate will be provided to all the Participants.  
\*\*No Registration Fee.  
Registration Link: <https://forms.gle/9JUWBsQQ3rRoK8z7A>  
Platform: Google Meet

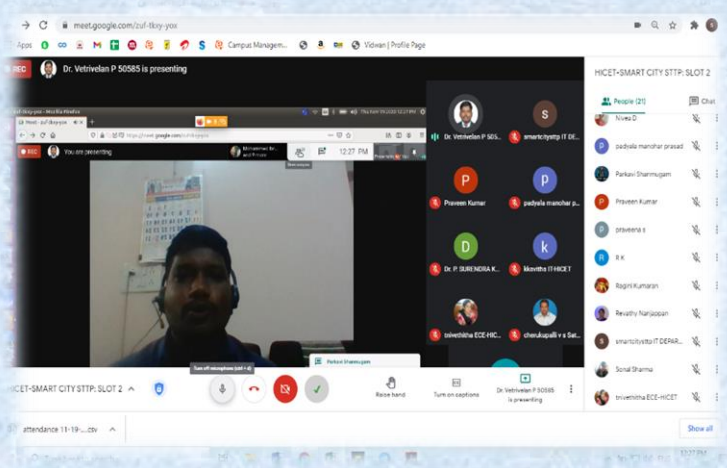
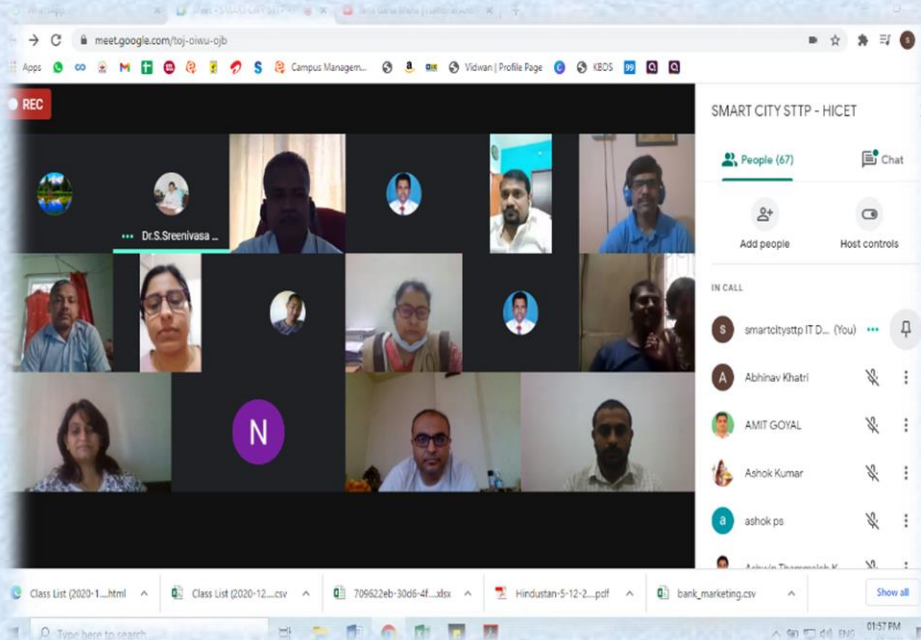
**Convener**  
Dr.N.Rajkumar  
Professor & Head  
Dept. of Information Technology

<b>Coordinators</b> Dr.D.Rasi, Assoc.Prof. Ms.M.Indirani, Asst.Prof. Dept. of Information Technology	<b>Student Coordinator</b> K.Venkatesswaran Final Year Dept. of Information Technology
---------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------

Webinar Series on "Research Challenges and Applications in Data Science" was conducted on Aug 24 -28, 2020



AICTE Sponsored One Week Short Term Training Programme On "Potential and Challenges for Integrating 5G Networks and IOT Applications in Smart City Environment" was held on 19.10.2020 to 24.10.2020 Slot I



AICTE Sponsored One Week Short Term Training Programme On “Potential and Challenges for Integrating 5G Networks and IOT Applications in Smart City Environment” was held on 16.11.20 to 21.11.20 Slot II, 30.11.2020 to 05.11.2020



Association Inauguration and Seminar on “Open Source - RED HAT Technologies and Global Certification” was conducted on 9<sup>th</sup> Nov 2020

Supervised Learning Algorithms

Dr. Kumudho Raimond  
Department of Computer Science and Engineering  
Kongu Institute of Technology and Sciences

Probability & Statistics for Data Science

Dr. Uday Pratap Singh  
Associate Professor  
School of Mathematics  
SMTU, Katta

Today's discussion...

- Introduction of Data Science & Big Data
- Probability vs. Statistics
- Random variable
- Probability distributions and it's Types
- Discrete probability distribution
  - Discrete uniform probability distribution
  - Binomial distribution
  - Multinomial distribution
  - Hypergeometry distribution
  - Poisson distribution

Meeting details

People (44)

Chat

Meeting controls: Mute, Video, Turn on captions, Present now

Machine Learning Paradigms

- Supervised Learning
  - Learn an input and output map.
    - Classification: Categorical Output
    - Regression: Continuous Output
- Unsupervised Learning
  - Discover patterns in Data
    - Clustering: Cohesive grouping
    - Association: Frequent Co-occurrences
- Reinforcement Learning
  - Learning Control

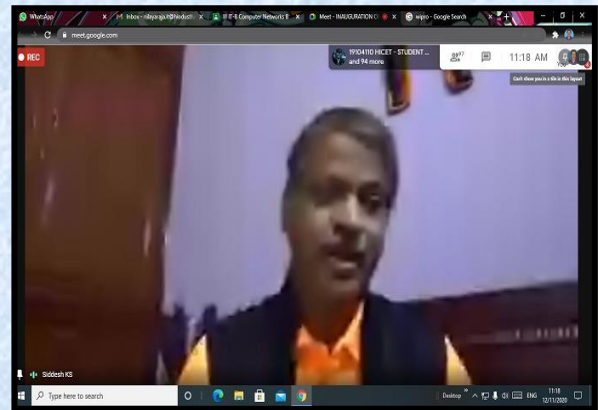
Contents

- Introduction to Regression
- Simple Linear Regression
- Multiple Linear Regression
- Logistic Regression with linear models
- Multiple Logistic Regression with linear models
- Conclusion
- References

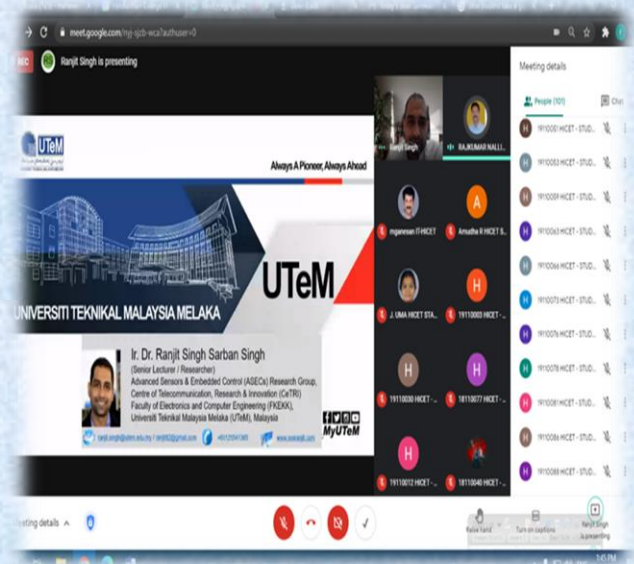
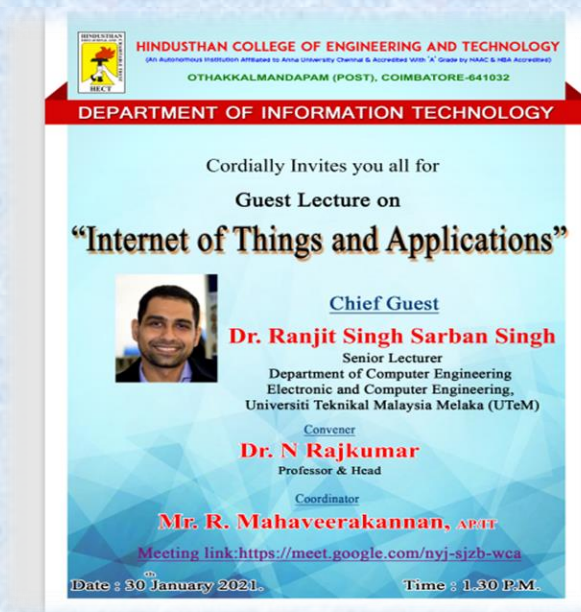
Conclusion

- Linear Regression is used when our dependent variable is continuous in nature.
- Logistic Regression is used when the dependent variable is binary or limited.
- Mathematical formulations of Linear and Logistic Regression.
- Implementation of Linear and Logistic Regression.
- Research Applications of Linear and Logistic Regression.


AICTE-ATAL Sponsored FDP on "Data Science" was conducted on 02.11.2020 to 06.11.2020



Inauguration of Data Analytics Club was organized on 12-11-2020. As a part of Inauguration TechTalk was delivered in the title "Data Analytics and its Importance in the Industry"



One day Virtual Mode Guest Lecture on "Internet of Things and Applications" was conducted on 30<sup>th</sup> Jan 2021




# HINDUSTHAN

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)

Valley Campus, Pollachi Highway, Coimbatore – 641032.




**Department of Aeronautical Engineering  
and  
Department of Information Technology**

**In association with EDC**

**IIC driven workshop on Entrepreneurship Development phases**

**Resource Person**

**Ms. Siva Raghavi S**  
Director, Startup Grind  
Coimbatore



**Date: 30/01/2021 (Saturday)**  
**Time: 10.45am to 12.00pm**

**Youtube Live Streaming  
Channel Name : AGNI MINDS**

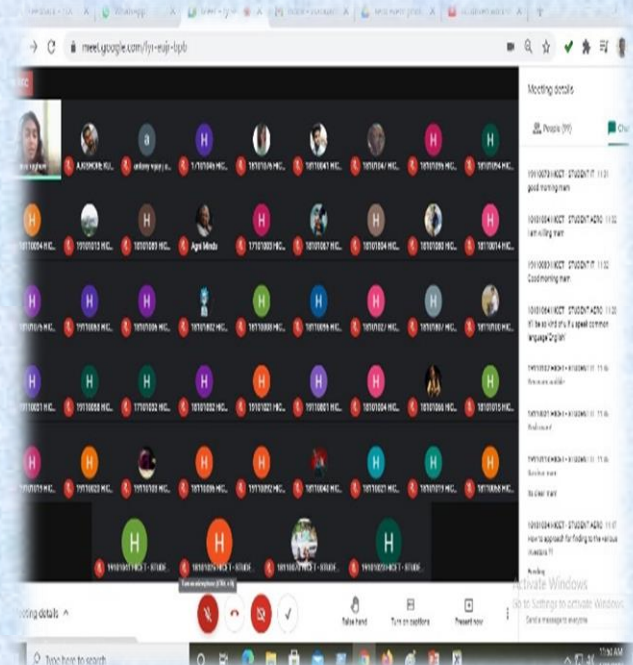
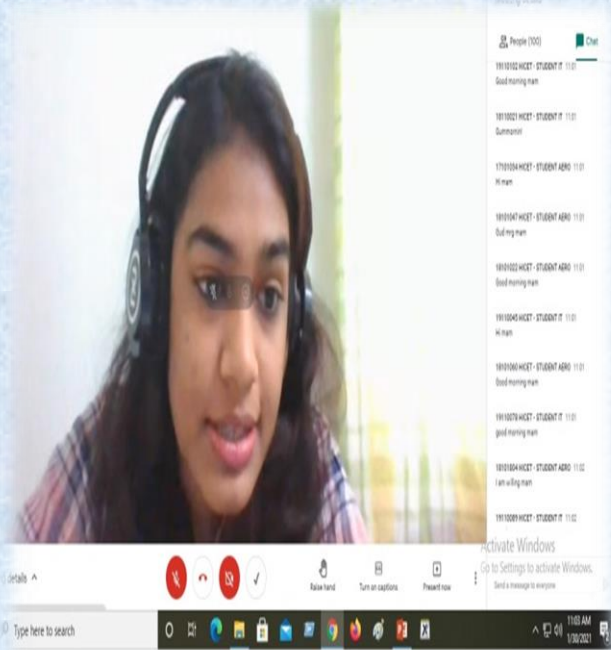
Google meet link: <https://meet.google.com/fyr-eujr-bpb>

**Moderator**  
Mr.Saravana Kumar V, AP/AERO

**Coordinators**  
Mr. Arulmozhinathan T, AP/AERO  
Mr. Antony Vijay J, AP/IT

**Convener**  
Dr. Rajkumar N  
Director Research & HOD IT  
Prof. Gopinathan V T  
HoD/AERO

**CEO & Principal**  
Dr Karunakaran K



**One day IIC driven workshop on “Entrepreneurship Development phases” was conducted on 30<sup>th</sup> Jan 2021**



**HINDUSTHAN**  
**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
 (An Autonomous Institution)  
 Valley Campus, Pollachi Highway, Coimbatore – 641032



**Data Analytics Club of HICET**

Presents a Webinar on  
**“Data Visualisation”**



Resource Person  
**Mr Vishnu S**  
 Software Technical Trainer  
 Adroit Technologies  
 Coimbatore

Date: 4.2.2021

Time: 11.00 AM to 12.30 PM

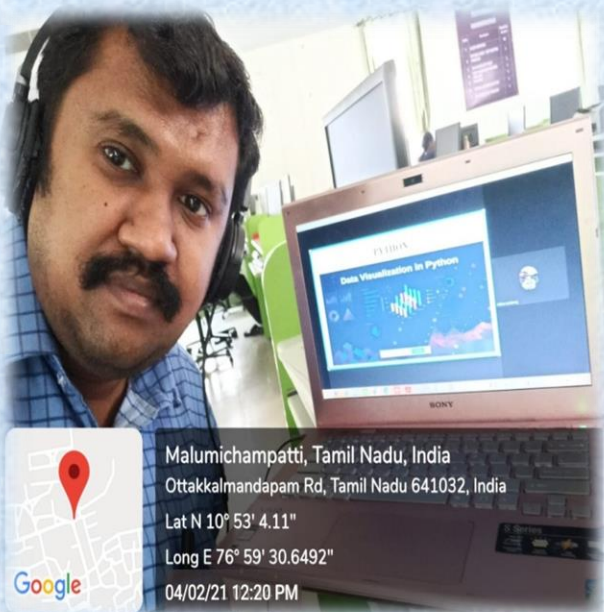
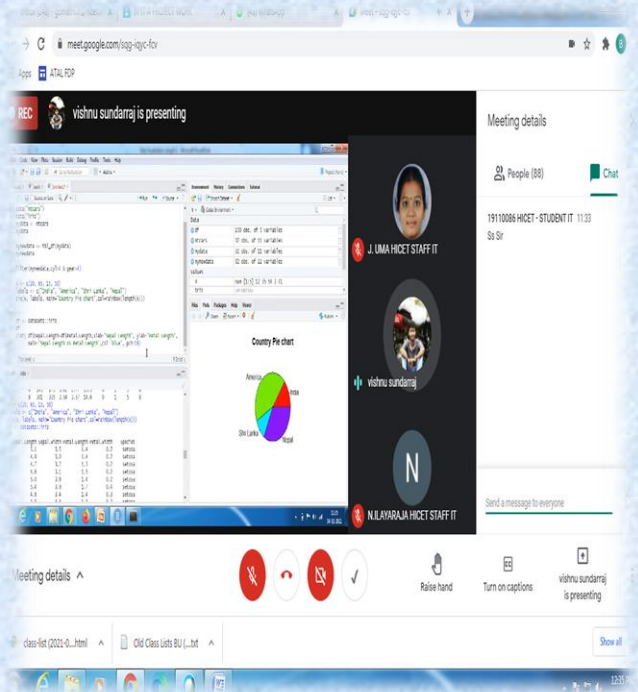
Co-ordinators  
 Club Members

Convenor  
**Dr.N.Rajkumar, Director-Research**  
**Dr.S.Shankar,HOD/CSE**


**Dr. K. Karunakaran**  
 CEO & Principal

<https://meet.google.com/sqg-iqyc-fcv>

All are cordially invited




On behalf of Data Analytics Club of HICET organized A Webinar on “Data Visualization” on 04.02.2021



**HINDUSTHAN**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
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www.hicet.ac.in

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Cordially Invites you all for  
**Guest Lecture on**  
**“Cyber Security and Ethical Hacking”**

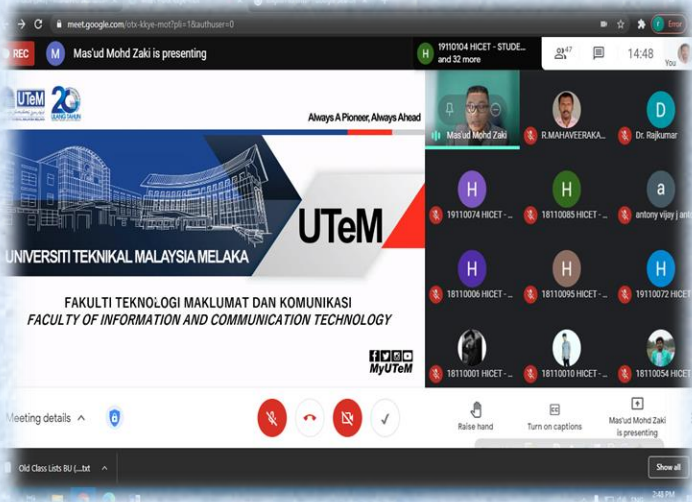


**Chief Guest**  
**Dr. Mohd Zaki Bin Mas'ud**  
Senior Lecturer  
Department of Computer and Communication System  
Faculty of Information and Communication Technology  
Universiti Teknikal Malaysia Melaka (UTeM)

**Convener**  
**Dr. N Rajkumar**  
Professor & Head

**Coordinator**  
**Mr. R. Mahaveerakannan, AP/IT**

Meeting link: <https://meet.google.com/otx-kkyye-mot>  
Date : 26 Feb 2021 Time : 2.00 P.M.



Guest Lecture on “Cyber Security and Ethical Hacking” was conducted on 26<sup>th</sup> February 2021



**HINDUSTHAN**  
**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
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 Valley Campus, Pollachi Highway, Coimbatore – 641032.  
 www.hicet.ac.in

**Department of Information Technology**  
 in association with  
**Institution of Engineers(India)**  
 Webinar on  
**Adaptation of Augmented Reality and Virtual Reality  
 to the Recent Trends"**

Date : 27.02.2021 **Resource Person** Time:10.30 am – 12.30 pm



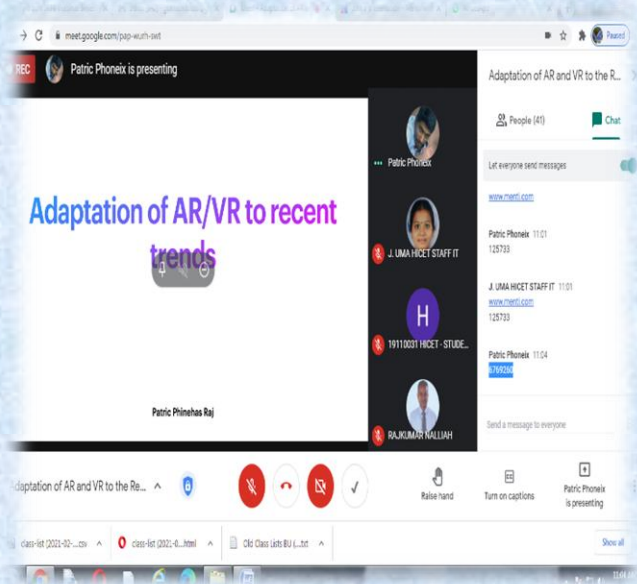
**Mr Patric Phinehas Raj**  
 Associate Software Engineer  
 Robert Bosch Engineering and Business Solutions Pvt. Ltd.  
 Coimbatore

**Coordinators**  
 Dr.B.Gomathi, ASP/IT  
 Ms.J.Uma, AP/IT  
 Ms.R.Amutha, AP/IT

**Convenor**  
 Dr.Rajkumar N  
 Director Research  
 HoD/IT

**CEO & Principal**  
 Dr.Karunakaran K

Join us Live on Google Meet  
<https://meet.google.com/pap-wurb-swf>



**IEI Club of HICET organized A Webinar entitled "Adaptation of Augmented Reality and Virtual Reality to Recent Trends" on 27.02.2021**