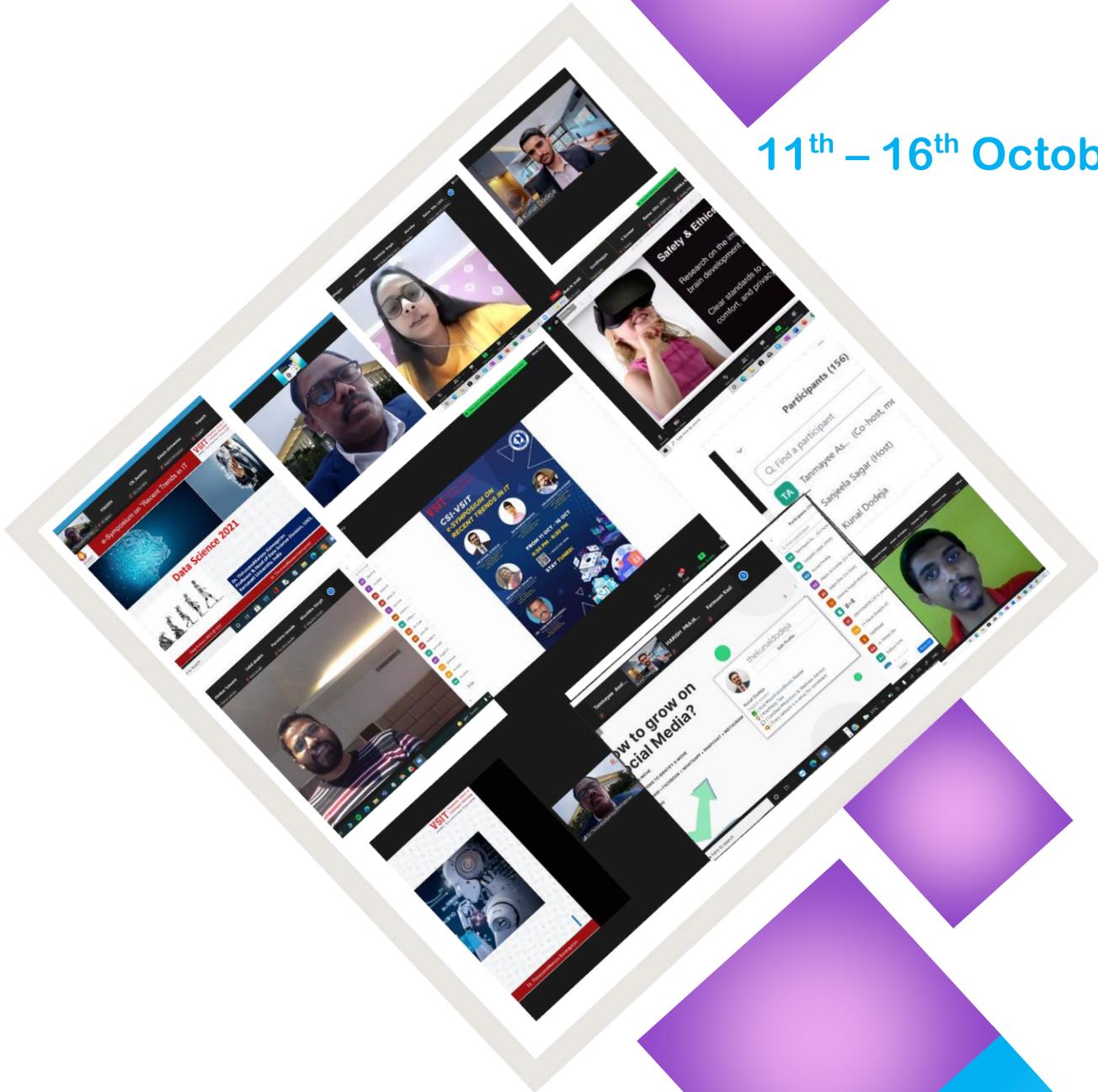




11th – 16th October 2021



CSI-VSIT E-Symposium on Recent Trends in IT

Vidyalankar School of Information Technology, Vidyalankar
College Marg, Wadala (East), Mumbai – 400037

About VSIT

Vidyanagar School of Information Technology is amongst the most popular colleges of the city offering undergraduate, postgraduate, and doctoral programmes in IT, Commerce, Management and Mass Media. Vidyalankar School of Information Technology is a college affiliated to the University of Mumbai and approved by the Government of Maharashtra.

Vidyalankar: The name synonymous with educational excellence and success is derived from the Sanskrit terms 'vidya' (knowledge) and 'alankar' (jewel). Team Vidyanagar focuses all its energies on spreading the radiance of the 'jewel' of knowledge and education globally.



The Vidyalankar Group of Educational Institutes is a prestigious education specialist that has established centrally recognized colleges and qualitative training institutes with branches across Maharashtra. Managed by the Vidyalankar Dnyanapeeth Trust established in 1960 by Prof. Chandrashekhar S. Deshpande, an academican par excellence, the Vidyalankar Group is marching ahead resolutely, ably steered by its current Chairperson Dr. Sanjeevani Deshpande and Mr. Vishwas Deshpande and Ms. Rashmi Deshpande (Managing Trustees).

The concept of aiming for 'student delight' nurtures a progressive student-centric learning environment at the institute. A well-planned curriculum offering the latest on the technological front, expert guidance from knowledgeable and proficient faculty, an aesthetically engaging campus equipped with all modern amenities, a full range of co-curricular and extra-curricular activities and a plethora of opportunities to enrich one's personality make the educational experience at Vidyalankar a truly rewarding one. Vidyalankar believes in a holistic methodology towards knowledge and education.

Vidyalankar was established in 1960 by Prof. Chandrashekhar S. Deshpande, a technocrat, visionary and a person blessed with extraordinary academic talent and immaculate engineering skills.



Vision

Our Vision is to establish a leading centre of imparting Quality Education in the field of Science, Commerce and Management with emphasis on:

- a. Ensuring that students learn the fundamental concepts in various disciplines.
- b. Motivating students to apply the Scientific & Technological knowledge to develop problem solving capabilities.
- c. Making students aware of the societal and environmental needs with specific appreciation of the emerging global context.

Mission

Our mission is to provide:

- a. An educational environment where students can reach their full potential in their chosen discipline and become responsible citizens without compromising in ethics.
- b. A scholarly environment where the talents of both, the faculty members and students are nurtured and used to create knowledge and technology for the benefit of the society.

Academics

B.Sc.IT | B.M.S | B.A.F | B.B.I | B.F.M | B.A.M.M.C(B.M.M) | B.Sc.DS

M.Sc.IT | M.Com(B & F) | M.Com(AA) | Ph.D

About CSI -VSIT

Overview

The Association strives to advance the theory, practice, and application of computer and information processing science and technology and maintains a high professional standard among its members. It promotes cooperation and exchange of technical information among its members, and to this end, holds various seminars and workshops, and, through its organization and other appropriate means. Students get exposed to latest technologies and industries through committee workshop and industry visits.

Goal

The Computer Society of India is a non-Profit professional meet to exchange views and information learn and share ideas. The wide spectrum of members is committed to the advancement of the theory and practice of Computer Engineering and Technology Systems, Science and Engineering, Information Processing and related Arts and Sciences. The Society also encourages and assists professionals to maintain the integrity and competence of the profession and fosters a sense of partnership amongst members. Besides the activities held at the Chapters and Student Branches, the Society also conducts periodic conferences, seminars, etc.

Scope

The mission of the CSI is to facilitate research, knowledge sharing, learning and career enhancement for all categories of IT professionals, while simultaneously inspiring and nurturing new entrants into the industry and helping them to integrate into the IT community. The CSI is also working closely with other industry associations, government bodies and academia to ensure that the benefits of IT advancement ultimately percolate down to every single citizen of India.

Activities

- 'One Week E-Conference' conducted by CSI-VSIT which comprised of seminars and workshops
- 'One Week E-Symposium on recent trends in IT' conducted by CSI-VSIT which comprised of tech talks.
- 'Coding Club Its Easy' session to learn competitive coding on every weekend total 7 session conducted.
- *One day 'ICT Quiz Contest'* with interesting takeaways.
- Workshop on '*Augmented Reality and Virtual Reality*' was piloted.
- Workshop on '*ANDROID Application Development*' was carried out for the students. Practical implementation of application building was explained with demonstration.

Core Committee



Prof. Sanjeela Sagar
(Convenor)



Dr. Amita Jain
(Convenor)



Akash Shrivastav
(Mentor)



Sali Rao
(Mentor)



Suyash Gore
(Co-Ordinator)



Tanmayee Asolkar
(Co-Ordinator)



Jadyndias
(Marketing Head)



Aniket Joshi
(Technical Head)



Siya Adrekar
(Event Management Head)

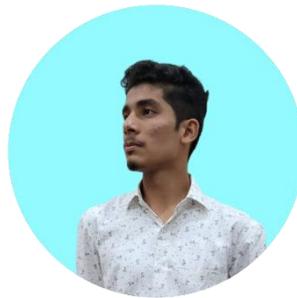


Heramb Jadhav
(Graphic Head)

Core Committee



Surshita Cheripalli
(Core Member)



Aamin Shaikh
(Documentation Head)



Yogesh Dudhal
(Core Member)



Abdul Rahman
(Registration Head)



Shreya Sawant
(Marketing Head)



Siddhesh Mane
(Technical Head)



Shaqeeb Shaikh
(Graphic Head)



Harshal Wairkar
(Technical Head)



Shreyas Jaywant
(Core Member)



Ishika Jaiswal
(Event Management Head)

Preface

We are very pleased to introduce the preceding's of five-day e-Symposium on Recent Trends in I.T. which was completed successfully by the help of our conveners, Prof. Sanjeela Sagar and Dr. Amita Jain. This e-symposium was our second most sought after event after a huge success with previous conference of the same subject and which was held on online platform by CSI-VSIT Committee during this persistent covid pandemic. This e-symposium was held to enlighten the young minds about the recent trends in Information Technology which will be very useful for the future upcoming technologies. Some of the major trending topics which were included in this symposium were Digital Marketing, Cyber Warfare, Data Science, Digital Image Processing and Augmented-Virtual Reality.

The first symposium was on Digital Marketing which was conducted by Mr. Kunal Dodeja, who is an Associate Campaign Manager and working with Media.net. He is also a certified nutrition & wellness advisor. He gave us information about digital marketing such as what is the process of getting started? Jumped into depths of fundamentals and gave a close look at the power of media. Mr. Kunal Dodeja ended the session with a perfect blend of knowledge that students need about Digital Marketing alongside with sharing references handpicked courses that would help students relate with the context of the webinar and grow themselves too.

Ms. Shweta Tripathi was the presenter for our second session on Cyber Warfare who is Security Advisor at CyberSmithSecure. She explained about the fundamental of cyberspace and its infrastructure. She even shared live demonstration of threat map in real time. Session ended with Ms. Tripathi discussing using case study to further her cause and impart the necessary knowledge about cybersecurity to the students.

The next symposium was on Data Science which was delivered by Prof. Dr. Thirunavukkarasu Kannapiran, who is a distinguished academician and researcher with over 23 years of experience (teaching – 17 years and Software Industry – 6 years). He started the session by giving a broad ideology of Data Science. Focusing majorly on the basics and helping students to join the dots by guiding them along the roadmap to data science using machine learning. He concluded his speech by addressing questions from the audience present making sure he didn't fall short of words to share his wisdom about data science.

The last session of the symposium was held by Mr. Soubhagya Kumar on Augmented-Virtual Reality. He is currently working as Project Manager at Vashi Electricals Pvt. Ltd. He without skipping a beat rushed right into daily life scenarios where AR-VR Reality is implemented in advanced countries for education, shopping experiences, etc. In the end he shared certain test cases for the ones interested to go more deeper and learn more about AR-VR Reality.

e-Symposiums on "Recent Trends in I.T." was successfully held on Zoom Meetings by five honourable speakers who are industry experts, wonderful audience of 200+ and CSI-VSIT committee from 11th October to 16th October 2021 at 4.30 pm to 6.30 pm. The first day of conference started with welcoming and opening ceremony on Zoom Meetings with short welcoming speeches. The conference was inaugurated by principal of VSIT, Dr. Rohini Kelkar with the presence of honourable Vice Principal Mr. Asif Rampurawala, CEO Dr. Sarika Chouhan of CSI-VSIT conveners Prof. Sanjeela Sagar and Dr. Amita Jain along with this faculties of VSIT.

Day 1: Digital Marketing on 11th October 2021



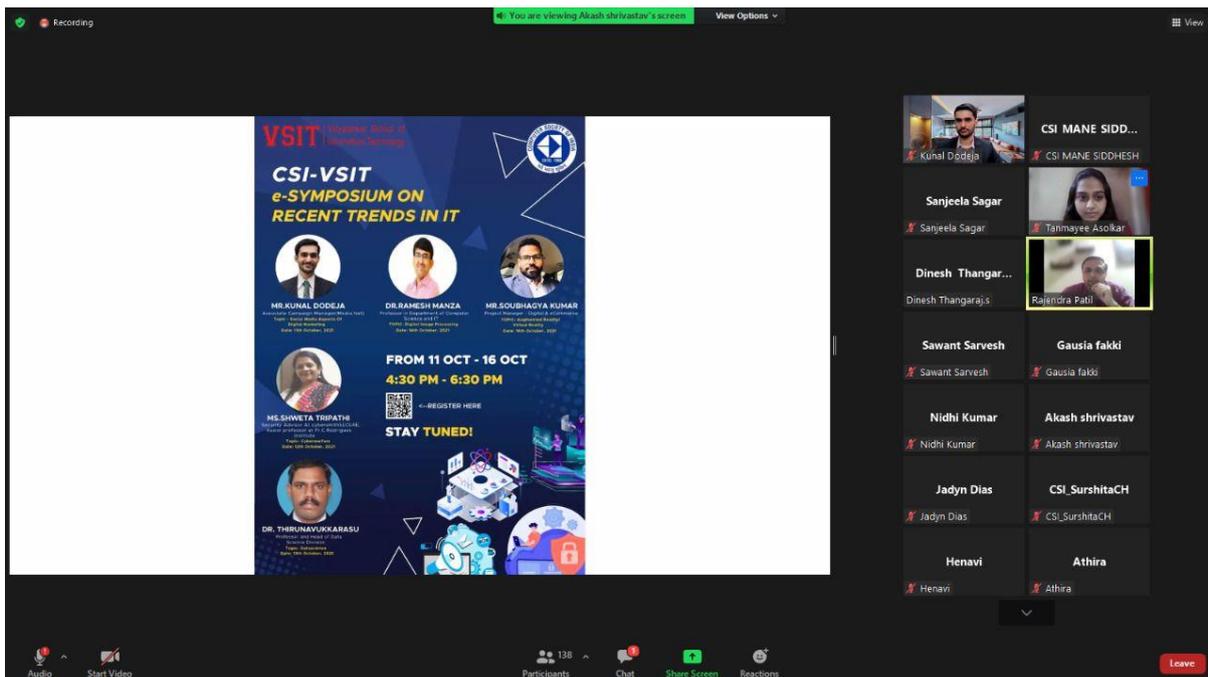
Mr. Kunal Dodeja

INTRODUCTION:

- Mr Kunal Dodeja. has worked as an Associate Software Engineer at Accenture.
- He has also worked with (Digerati Systems) as Social Media Executive.
- Currently he is working with Media.net as an Associate Campaign Manager.
- He is A certified nutrition & wellness advisor.

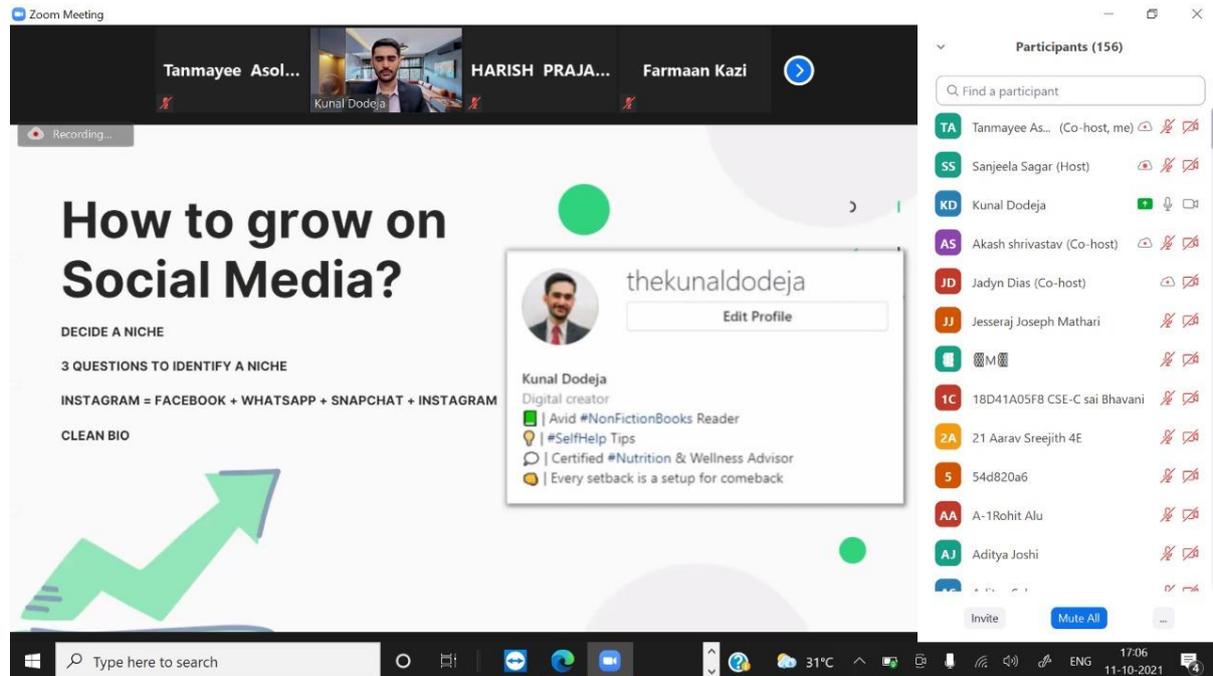
CONFERENCE DETAILS:

Day 1 of e – Symposium for ‘RECENT TRENDS IN IT’ Held and organised by CSI – VSIT core committee. This renowned e-Symposium of 5 days in which industry specialist talks about various emerging trends in IT for each one apart from IT background independent of other education fields or elderly but are curious to attain knowledge. The event took place on Zoom Clouds on Monday evening and was inaugurated by honourable principal Dr Rohini Kelkar madam and respected Dr Rajendra Patil sir who led off the event with a cheerful greet to every one present there.



CSI-VSIT Superintendent miss Sanjeela Sagar madam being responsible to get the show going in motion and one of member of committee miss Tanmayee Asolkar; took upon the privilege to commence the meeting. She gave the brief introduction of the elegant visitant to all participants

The guest speaker of the day was most esteemed personality Mr Kunal Dodeja. He has worked as an Associate Software Engineer at Accenture. He has also worked with (Digerati Systems) as Social Media Executive. And currently he is working with Media.net as an Associate Campaign Manager. A certified nutrition & wellness advisor.

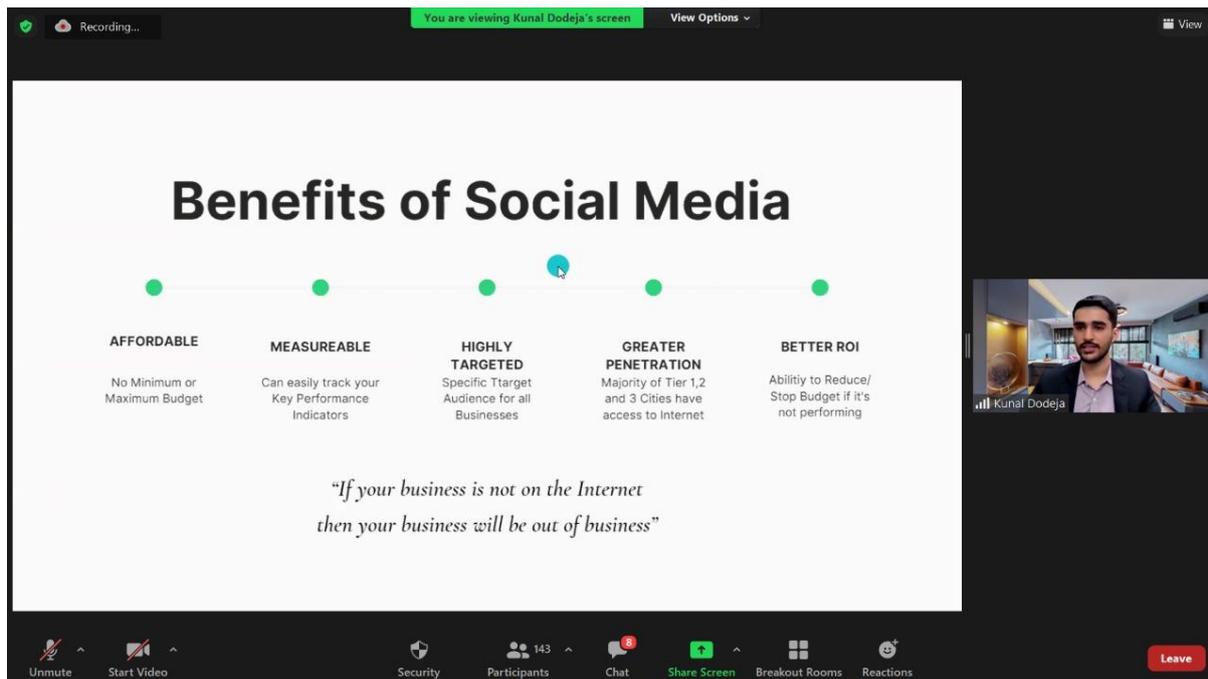


Since the discussion was social media aspects of digital marketing, Mr Dodeja kick-started the event with some fundamentals and keynotes of digital marketing. Mr Dodeja explained the power of digital media, how one can enhance their personality and do well out of social media focusing on assistance of social media he spoke on 5 beneficial crux

- 1) Fits in your budget one can afford it Easily
- 2) Person's key performance can be measured simply
- 3) Highly targeted: specific audience for all businesses purpose
- 4) Greater penetrations of social media as many cities have greater access to internet facilities
- 5) Better ROI: abilities to reduce or decrease you budget if not performing well

Alongside this feature he also thought the students' pros and con of social media

Moving on in the depth of the concept he proved how vast the impact of social media has been on marketing and advertisements so far, over these many years and tend to progress more. Since the students are acquainted with building self on social media he threw light on moulding and shaping profile by demonstrating his own profile which befits a perfect epitome to boost and built a job profile Various competitions, threats, vulnerabilities of being spoiled, boons, probabilities and possibilities of digital marketing all the vital stats were discussed in order to make student trouble free and prepared once he launch themselves in world of digital marketing the way sir interacted and detailed the topics was outstanding.



The screenshot shows a Zoom meeting interface. At the top, it says "Recording..." and "You are viewing Kunal Dodeja's screen". The main content is a presentation slide titled "Benefits of Social Media". The slide features five key points arranged horizontally, each with a green dot above it:

- AFFORDABLE**: No Minimum or Maximum Budget
- MEASUREABLE**: Can easily track your Key Performance Indicators
- HIGHLY TARGETED**: Specific Target Audience for all Businesses
- GREATER PENETRATION**: Majority of Tier 1,2 and 3 Cities have access to Internet
- BETTER ROI**: Ability to Reduce/ Stop Budget if it's not performing

Below these points is a quote: *"If your business is not on the Internet then your business will be out of business"*

On the right side of the screen, there is a video thumbnail of Kunal Dodeja. At the bottom of the Zoom window, there is a control bar with icons for Unmute, Start Video, Security, Participants (143), Chat, Share Screen, Breakout Rooms, Reactions, and a red Leave button.

To conclude, it was a catchy and a very informative session by Mr Kunal Dodeja there were around 170+ participants. With a perfect blend of knowledge that students need about self-Development alongside digital marketing, He also answered most of the student's doubts and questions in a relentless manner which kept the flow and enthusiasm of event at peak. He shared his absolute knowledge and vast experience with the

student so that they can cope up and build their personality on their own. And a few links to website so the students can learn from courses handpicked by himself at last student: Ms. Siya Adrekar; member of CSI-VSIT gave the vote of thanks and CSI-VSIT convenor Sanjeela Sagar ma'am appreciated all mentioning our special guest principal Madam, supervisors, teachers & members of CSI-VSIT and all the participants attended and wrapped up the meeting.

Day 2: Cyber Warfare on 12th October 2021



Ms. Shweta Tripathi

INTRODUCTION:

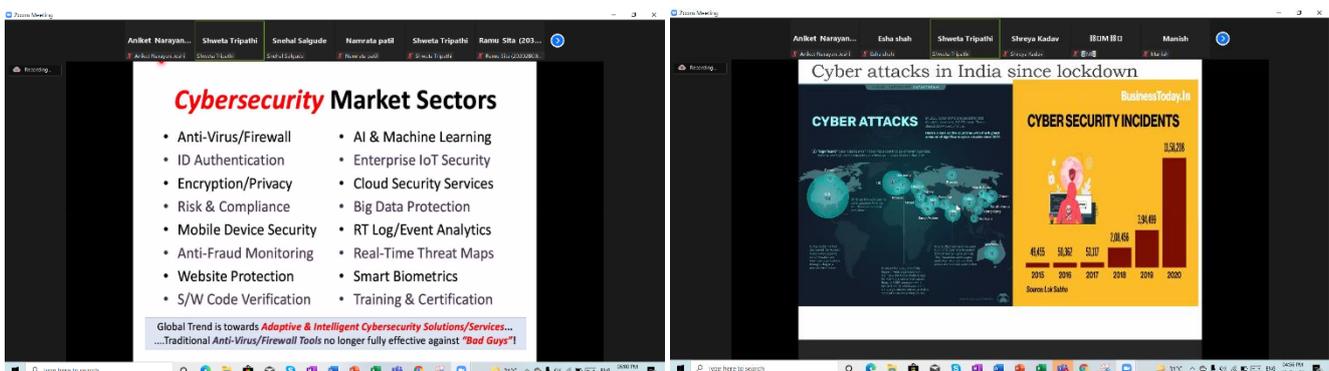
Working as:

- Assistant Professor: Dept. of Computer Engineering at Fr.C. Rodrigues Institute of Technology, Vashi
 - Advisor: CyberSmithSECURE Pvt. Ltd.
 - Projects handled At Industrial Level
 - VA PT Projects:
 - Clients of CyberSmithSECURE (2019 onwards)
 - Inhouse Assessment (2015 onwards)
- Intrusion detection System (2014-2021): A project sponsored

CONFERENCE DETAILS:

Day 2 from the week on e-Symposium based on 'RECENT TRENDS IN IT' was held by CSI-VSIT team on Tuesday evening on Zoom online platform. Prof. Sanjeela Sagar madam was the in-charge to lead the event. Committee member Mst. Jadyndias; was the anchor at the session. He acknowledged everyone about the subject to be taken up in the meeting. He introduced the guest speaker to the audience and extended a hearty welcome to all present there.

Over the years each era contributed to ideas and conveniences in the world of technologies & these revolutionary changes sometimes results into mislead and wrong use of technology causing significant harm, to become aware of these CSI-VSIT's session was all about cyber warfare by very eloquent personality Ms Shweta Tripathi, she is currently working as an assistant professor at Fr. C Rodrigues Institute and is also a security advisor at CyberSmithSECURE.



She began the event defining the concept of cyber security and some prior fundamentals of cyberspace and its infrastructure including speed of microprocessor, storage densities, bandwidth

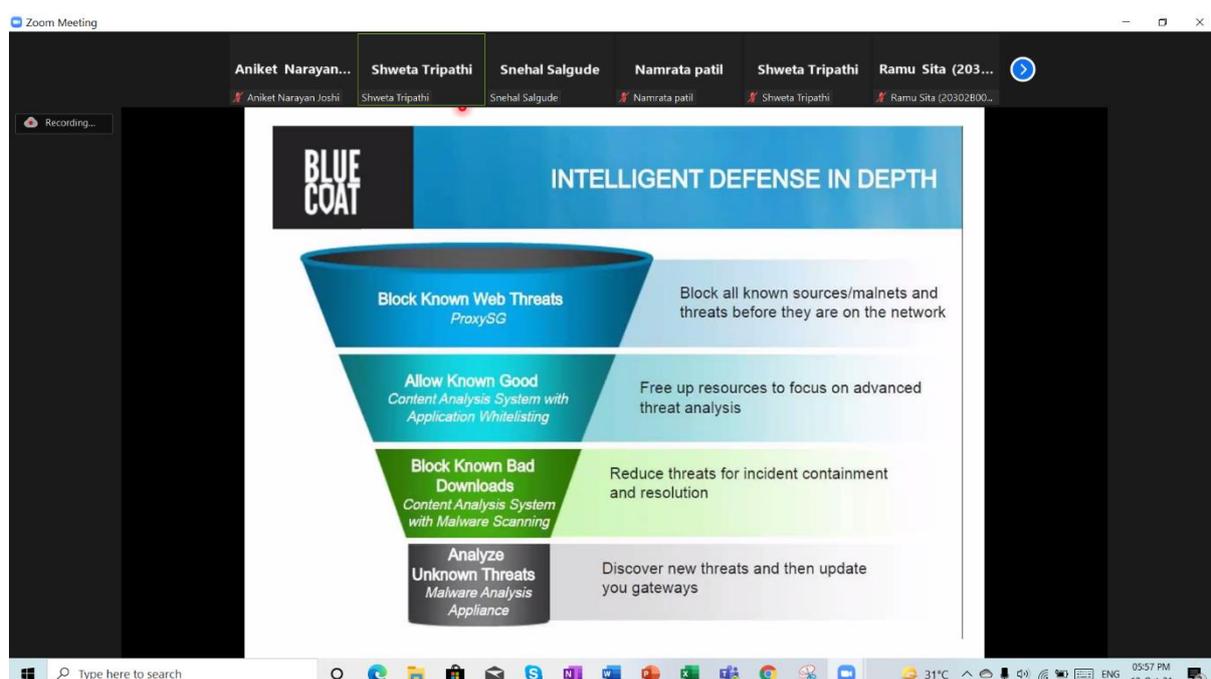
doubling, how old networks Vs. new networks; she took the students deep into: 'life in a networked world' and how the pace of developments in technology create huge impacts on human revolution.

To explain in detail, she showed the live threat map where the stats displayed the info of various attack types, top attackers, different countries trapped by attackers, network vector intruders and many more details.

Moving further she explained the challenges faced by cyberspace to defend computer networks from hackers and different tactics used to protect individual systems from raging attacks possible on nations, states, and individuals at peer levels in relation with vulnerabilities that cannot be removed relatively. Evolution of cybersecurity globally from the years of 90's to current day and evolution of cyber threats data was represented using graphs and charts by Ms. Shweta. Also, she gazed into some real-life examples of new cyber-attacks that happen throughout the world and how hackers outsmart the server's security. And how huge operating systems were captured and controlled by hackers too.

Shweta ma'am taught the students how the organised hackers use advance skills to steal confidential data of officials and national businesses. Also, as to cripple financial system for criminals to steal personal data using open systems internet. Who's behind the breaches like organization involved partners and what tactics do they use to perform those kinds of operations and who all become victims and from where the sources and threats originate from, etc all were discussed. Ms Tripathi explained the participant's steps to report a cyber-crime like where and how can one file a report online as cybercrimes comes under purview of jurisdiction.

To recall, the session was bucket full of information, participants experienced a great knowledge within 2 hours also at this very instance most participants were beyond hundred plus. Shweta madam's endeavour and precious time made the event successful. She carved beautifully and took up all the concepts about cyber warfare with case studies and example to understand them more precisely. At the end of the session student, Yogesh Dudhal one of member of CSI-VSIT Committee expressed vote of thanks to all the participants attending the meeting alongside Ms. Shweta Tripathi.



Day 3: Data Science on 13th October 2021



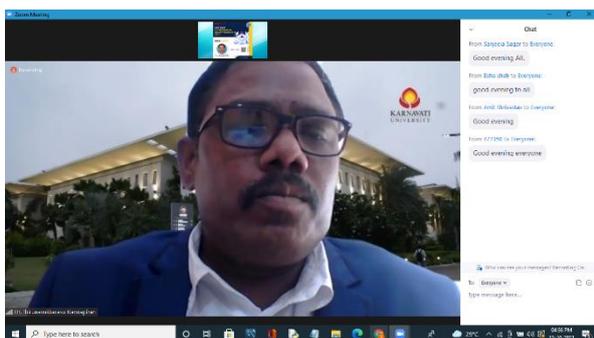
INTRODUCTION:

- Prof. (Dr). Thirunavukkarasu Kannapiran is a distinguished academician and researcher with over 23 years of experience (teaching – 17 years and Software Industry – 6 years).
- He has completed bachelor's degree in computer science from University of Madras, three master's degrees in computer science and Engineering from Bharathiar University, Periyar University and Anna University.
- He has also completed PhD in Computer Science and Engineering and Postdoc. He holds two executive educations on Advanced Business Analytics from IIT Hyderabad and Data Analytics with Python from IIT Guwahati.
- He has filed 7 patents in IPR, Govt. Of India. He has presented/published 31 research papers at both National and International level, which includes in Scopus, SCI/ESCI, IEEE Xplore and Springer.

Prof. (Dr). Thirunavukkarasu K

CONFERENCE DETAILS:

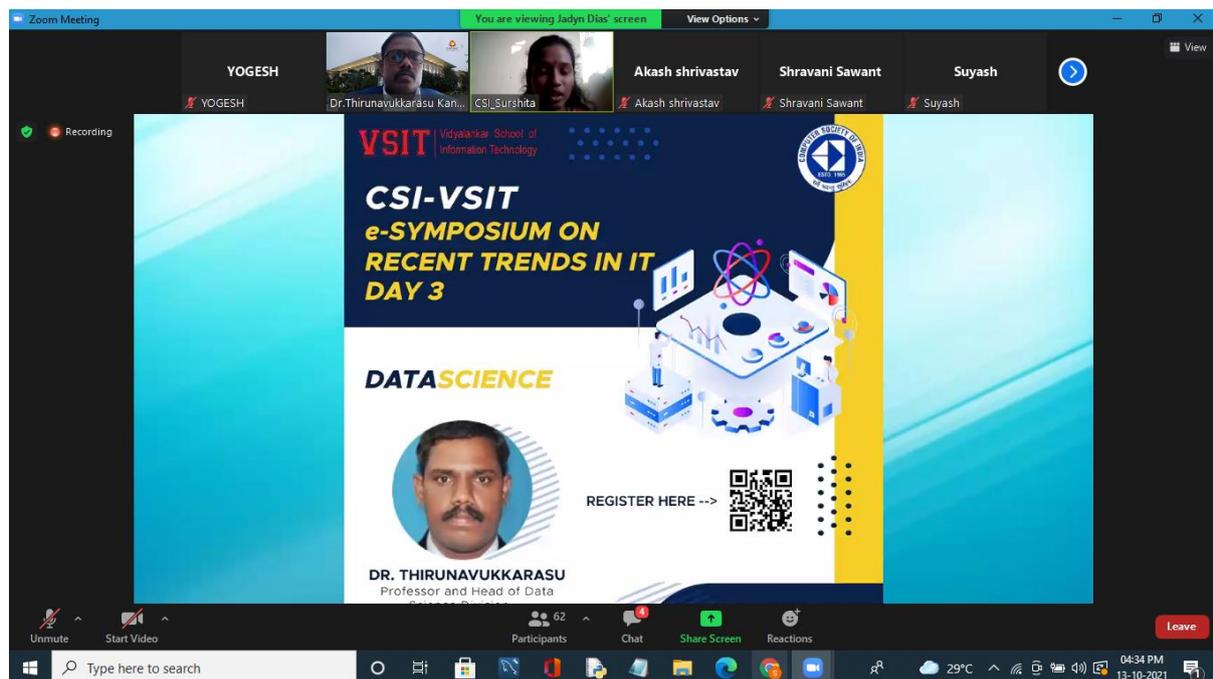
Day 3 of e-Symposium on 'RECENT TRENDS IN IT 'an on-going event is a weekly event and marks session no. 3 where the motto was to peek into the world of DATA SCIENCE. Ms. Shurshita Cheripalli; member of CSI-VSIT; took upon the stage & introduced the event's purpose & highlights. This session was a boon to provide a new edge for the participants of the event held on 13th of October 2021 on Zoom meet under the guidance of CSI committee of Vidyalankar School of Information Technology.



Prof. Dr. Thirunavukkarasu Kannapiran is a distinguished academician and researcher with over 23 years of experience (teaching – 17 years and Software Industry – 6 years). He has completed bachelor's degree in computer science from University of Madras, three master's degrees in computer science and Engineering from Bharathiar University, Periyar University and Anna University. He has also completed PhD in Computer Science and Engineering and Postdoc. He holds two executive educations on Advanced Business Analytics from IIT Hyderabad and Data Analytics with Python from IIT Guwahati. He has filed 7 patents in IPR, Govt. Of India. He has presented/published 31 research papers at both National and International level, which includes in Scopus, SCI/ESCI, IEEE Xplore and Springer. He has

various appraisals and achievements to his credit that includes Best Faculty Award, Research Award, and IBM Coordinator to float specialized programs.

He is guest Editor of two books in CRC Press, Wiley Publication and indexed in Scopus. He has few certifications to his credit from Oracle, IBM, and VMware in the courses of Business Intelligence, DB2, Data Mining and Predictive modelling and Cloud Computing. He is an active member of various professional societies, which includes IEEE, IAENG, LMCSI, and LMISTE. His research interests includes Big Data Analytics, Machine Learning, Business Intelligence, Software Engineering, and Cloud Computing.



Just like icebreaker DR. Thirunavukkarasu Kannapiran (Professor and Head of Data Science Division at Karnavati University) walked in on virtual platform to deliver a webinar on “data science”; by his words we are very sure he brought about new findings & knowledge. Getting started with the event sir put forth some pre-poll questions to participants hence creating a request and respond environment. Progressing with the session he taught the fundamental principles of data science including data databases and its type, how database is managed, system requirements to keep the records up to date using database management system. After which sir explained the importance of machine learning taking a closer look, he made the students approach the real definition of machine learning.

Digging deep into the concept of machine learning he discussed the might of technology i.e., AI, proving how dynamic and powerful it has become creating a huge impact and making human life uncomplicated. Algorithm’s data models, prediction of outputs was discussed. He showcased example of SIRI decoding human language & converting it into machine language and spits the output again in

human language. Moreover, he explained the types of machine learning & various applications based on that concept.

In the second half of the event sir took the concept of Deep Learning, a glance through additional part of Machine Learning since it has a very vast concept, he featured a bit of them here such as approach to various type, its applications domain expertise, programming skills, and knowledge of mathematics and statistics to extract meaningful insights from data. To keep the enthusiasm of the webinar on-board sir talked about general but quiet informative facts about machine learning, artificial intelligence, and deep learning. He explained why there is a need to learn this salient topic what is its purpose and why it is useful all around. He shared useful references links to understand machine learning more precisely.

Thus concluding, within this two hours of session Sir made sure not to fall short of anything and convey as much as possible to the participants to boost their interest and gain whatever needed. All the students spiritually indulged themselves to discover everything which Dr. Thirunavukkarasu tried to impart among them. Overall no. of participants was 65+ & they all showed keen interest to ask their doubt and get them clear. It gave immense pleasure to fetch knowledge form such great and experienced personality. Finally, the convenor of CSI-VSIT Prof. Sanjeela Sagar Ma'am and a member of Committee Mr. Aniket Joshi, conveyed vote of thanks to Sir for providing his valuable time and efforts leaving a remarkable session also the participant's contributions were appreciated.



Day 4: Digital Image Processing on 14th October 2021



Prof. Dr. Ramesh Manza

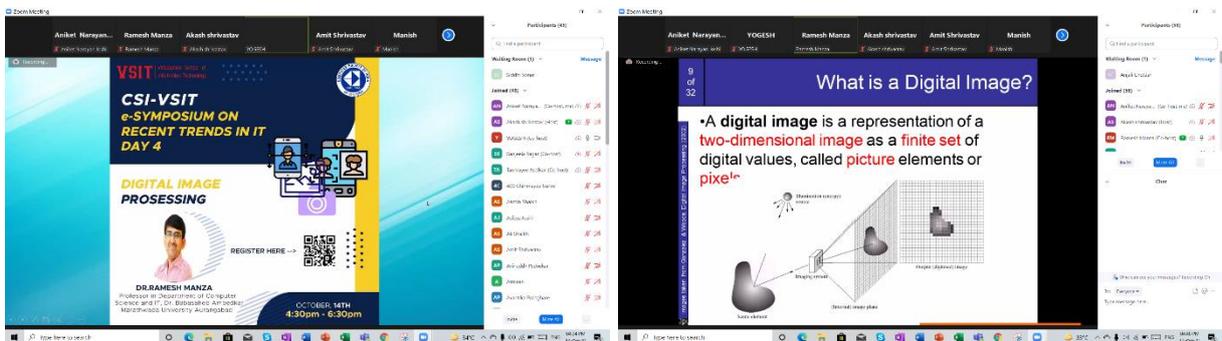
INTRODUCTION:

- Prof. Dr. Manza Ramesh Raybhan Department of Computer Science and Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS) India-431004.
- Ph.D. (Image Data Compression) from Dr. Babasaheb Ambedkar Marathwada University,
- Aurangabad, in 2006.
- QualifiedSET(Computer Science and Applications)from University of Pune, Pune in2002.
- QualifiedNET(Computer Science and Applications)from UGC New Delhi in 2002.
- MSC-IT(Computer) from MKCL Pune in 2004 with First Division.

CONFERENCE DETAILS:

On 4th day e-Symposium on “Recent trends in IT” after three consecutive successful events of CSI-VSIT have launched another gracious event that took place on Thursday evening on Zoom online platform under presence of Sanjeela Sagar Ma’am & Members of CSI-VSIT who arranged the event. Student: Mr Yogesh Dudhal; one of the core members of CSI-VSIT took the privilege to host the event with a brief introduction of chief guest and welcomed all the participants on 14th of October 2021.

On day 4 of ‘Recent trends in IT’, a salient topic digital image processing was taken up by a very talented and adroit Mr. Ramesh Manza, he has over 10+ years of experience. He is currently working as an assistant professor in department of computer science and IT at Dr Babasaheb Ambedkar at Marathwada University, Aurangabad.



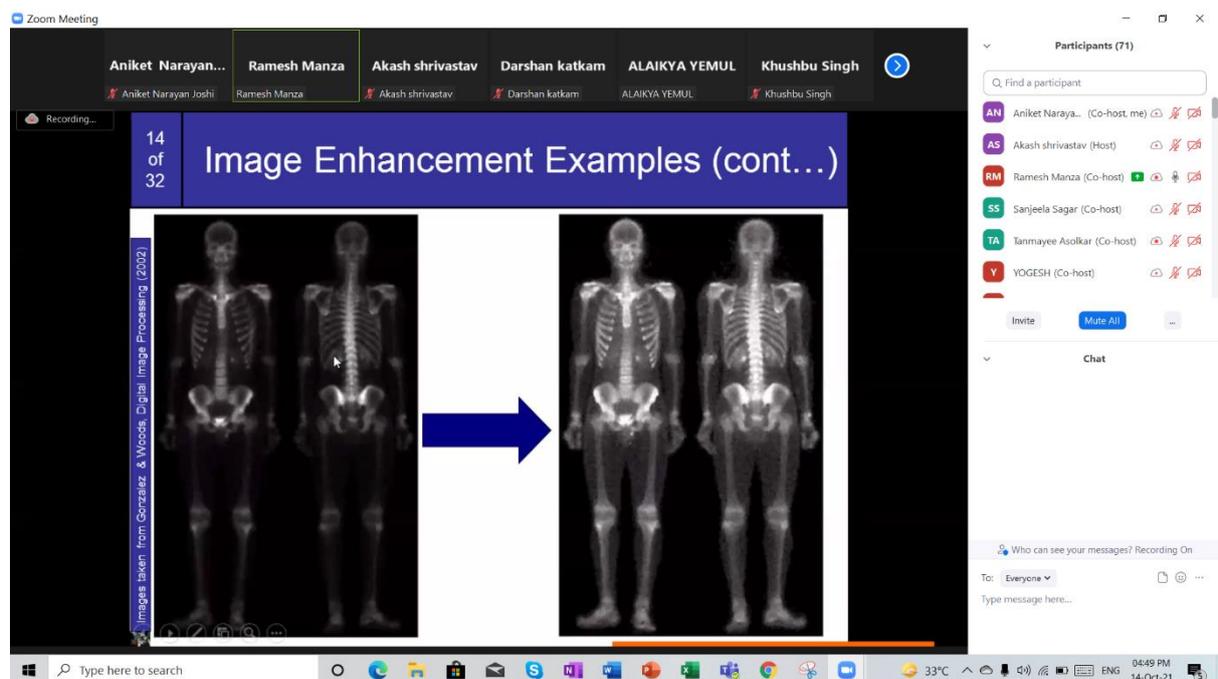
Ramesh Sir started the session with definition of image and concepts to be taught about digital images in a brief and precise manner. He explained what digital image the implementation is how is done also said a few words on image restoration, what is noise removal techniques for noise, noise models,

enhancement of corrupted image in which there are two major methods i.e. spatial domain techniques and frequency domain techniques.

He made the students understand image smoothing with help of examples using adaptive filtering techniques and weighted smoothing filters with results. Order statistic filters that include median methods, max and min filter methods and alpha trimmed filter method with formulas. He threw light on note about grey level techniques, the foremost principal of digital image processing. In the second half of session he took 1st derivatives & 2nd derivatives formula and Laplacian method using those formulas for enhancement of image. A great tool for testing these filters which is simple convolution tool in JAVA.

A glance through automated image analysis by theory of image segmentation where he discussed about segmentation problem and its remedies. Sir taught the students grey level discontinuities using mask and correlation method the basic three types involved in this method was point detection, line detection & edges detection and some concept of image histogram. Continuing further another most important talking point was thresholding algorithm, a part to approach segmentation.

Concluding, the two hours session was quite informative. The students participating gained fruitful reward of knowledge as Mr. Manza offered a passion fuelled session kicking off the event with 70+ no. of participants. He summed up all vital points needed, demonstrated few test cases, and showcased sample test plans which made the students understand the concept more precisely. At last student Ms. Shurshita Cheripalli, member of CSI-VSIT gave the vote of thanks mentioning our special guest for honouring the session and sharing his incredible knowledge & members of CSI-VSIT for such wonderful arrangement and pleading all the participants for cooperation and patience.



Day 5: AR / VR on 15th October 2021



Mr. Soubhagya Kumar

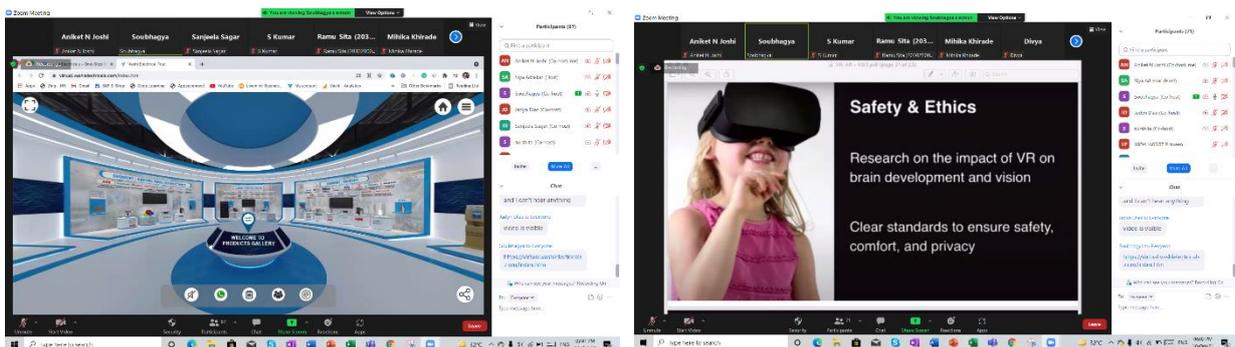
INTRODUCTION:

- Mr. Soubhagya Kumar is a Project Manager at Vashi Electricals Pvt. Ltd.
- He has completed his bachelor's degree in Information Technology from Kalina Institute of Industrial Technology.
- He was a software developer at Onyeex Tech Services
- He worked as a Senior Product Engineer at GreyTriX
- Sir has worked as Solution Specialist at The Valley Group India

CONFERENCE DETAILS:

5th day of the week for e-Symposium on 'RECENT TRENDS IN IT' was held by CSI-VSIT team on Saturday evening on Zoom online platform. Prof. Sanjeela Sagar Ma'am was in-charge to lead the event. Committee member Mst. Aniket Joshi, was the anchor for the session where he acknowledged everyone about the subject to be taken up in the session, he introduced the guest speaker to the audience and extended a hearty welcome to all present there.

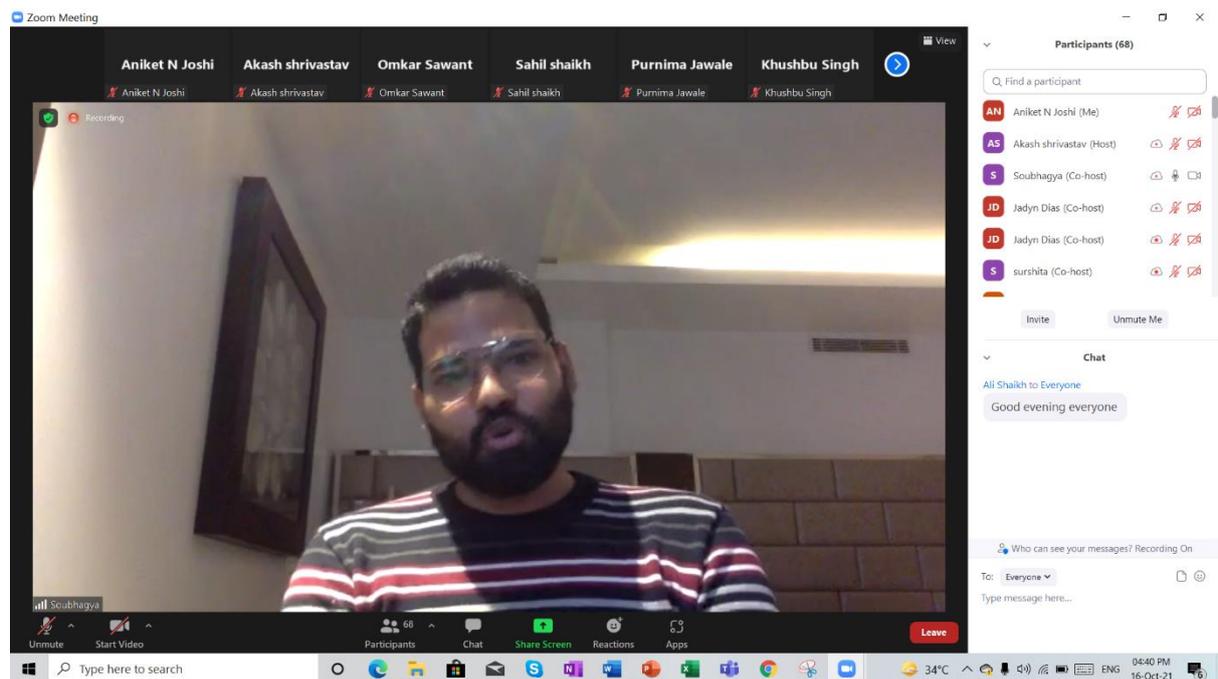
Mr. Soubhagya Kumar is a Project Manager at Vashi Electricals Pvt. Ltd. and has completed his bachelor's degree in Information Technology from Kalina Institute of Industrial Technology.



He began the event by asking few questions related to AR/VR concept to know exactly what the depth of participants is such as "Have you ever experienced Augmented & Virtual Reality?" Participants raised virtual hand to answer his question. He explained AR/VR in Education system which is already in play in foreign countries for kids & teenagers in their high schools and colleges.

Sir showed VR examples namely cars in a show room and test drive of it, literal to abstract view of surroundings, Cognitive Ecology: Knowledge exists in mind-body-world systems, Cone of Learning (Edgar Dale), History of great ideas: the history of great representations of ideas, 3 Types of Simulation: Fully Immersive, Semi-Immersive & Non-Immersive.

Next he answered questions like “Why to learn AR/VR? Harness Attention, Revolutionize learning & Touch new worlds. What is Augmented Reality? It is a Tool”. Sir also explained the DELTA (i.e. Design, Expertise & Education, Logistics, Try before you buy, Army) approach for Marketing through AR/VR. He took all the participants into a new world of Vashi Electricals Pvt. Ltd by presenting the shopping experience. Also shared a few stats that according to Digi-Capital AR/VR revenue share in 2020, AR is \$90B & VR is \$30B hence AR is dominating VR.



Sir placed a few case studies of graphical representation of export-import of products, revenue share. He also said that “global cyber security workforce to fall of short 1.8 million individuals by 2022” because there will be the privacy issues after implementing this new technology. Brands like Audi Sport, Oculus, Zero Light are now using AR to improve their selling power. Total virtual shopping experience, smart glasses such adoption of technology in US have led to great living standards for end users.

Finally, he concluded the session by saying “AR-VR is a great feeling to experience but data to be consciously exposed. A small mistake in excretion of data can affect the privacy of one’s life”. Reviewing, the session was bucket full of information, participants experienced a great dose of knowledge within 2 hours also this very instance most participants were beyond hundred plus count. Soubhagya Sir’s endeavour and precious time made the event successful; he took up all the concepts that one needs to know about Augmented & Virtual Reality. Case studies and example of test cases to understand the topic more precisely was atop.

In the end Ms. Siya Adrekar member of CSI-VSIT Committee expressed vote of thanks to all the participants attending the meeting alongside Mr. Soubhagya Kumar.

Summary

Booklet of VSIT's E-Symposium on "Recent Trends in IT" is now ending. We as a Core-committee of CSI-VSIT Mumbai Chapter would like to take this opportunity to extend our sincere gratitude and appreciation to all of you, for your invaluable contributions in making this event a great success.

We had a wonderful journey of five days which was interesting and informative. Through a wide range of keynote speeches and discussions, we have been presented with current and upcoming trends in IT Industry. We hope that you liked the information shared and you will convey your experiences with others from near and far, and that a cordial relationship established among us during this Symposium will further strengthen. But, of course, the real measure of this symposium's success lies in how it will affect you or more precisely, how it will affect the actions you will take while implementing these concepts.

We look forward to organizing new events, workshops, and seminars for you all. We hope that all of us will imply the knowledge what we have gained through this conference. Before we conclude, we would like to invite all of you for all the events we are planning further. Thank you for attending this e-symposium and have a safe journey ahead.