

DEBUG

COMPUTER SCIENCE ENGINEERING
DEPARTMENT MAGAZINE

2020-21



Nawab Shah Alam Khan
COLLEGE OF ENGINEERING & TECHNOLOGY

BE: CE, ME, EEE, ECE, CSE, IT - ME: CSE, Embedded Sys, Structural, HVAC - Polytechnic: CE, ME, EEE, ECE
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From The Editor's

"ItBe thou the rainbow in the storms of life. The evening beam that smiles the clouds away, and tints tomorrow with prophetic ray.- Lord Byron

BONJOUR READERS!!!

Let us introduce ourselves. We are 3rd year students of the CSE department.

It was a great opportunity for us to work on the magazine and be the student representatives of the year 2020-21. It was both exciting and nerve wrecking to execute the content of the events organized by our department into words. We thank all our professors and Head of the department for giving us this opportunity and believing in us .

Well, That's enough about us .

The year 2020-21 was a year of adaptation. Adaptation to the new way of life .

This year taught us that time waits for no one and life must go on



UMAIMA EJAZ
(CSE 3RD YEAR)



ARSHIYA
(CSE 3RD YEAR)

With enjoyment and pleasure, we put forward the dynamic piece of creativity, freedom, self expression, and enthusiasm of our 2019-2021 year work in our annual Magazine "DEBUG" which is an amalgamation of the year long work of talented souls.

Debug is more than just a magazine where the potential, talents, achievements and vision of our CSE department gets reflected. This is that proud moment where the teachers and students take pride in their hard work and cherish their fruits of labour and sincerity of the year that is gone by. It indeed results in DEBUG and positive energy within us.

To know the details
Keep reading....

AU REVOIR READERS.....

BREAKTHROUGH TO EXCELLENCE



"Excellence is not an accomplishment. It is a spirit , a never ending process"

~Lawrence M.Miller

COMPUTER SCIENCE AND ENGINEERING Department and IEEE Student Branch of Nawab Shah Alam Khan College of Engineering and Technology had organized an event entitled "Breakthrough to Excellence " on 7th January, 2021. The session started with a warm welcome and introduction of speaker by Ms. Umaina Ejaz (Event Coordinator) and Mohd Talal Shafeeq (Event Managing Director).

This event was organized to highlight the importance of college clubs in students' lives and the opportunities they can grab from being a part of them. This session enlightened our audience with loads of perks of being a member of college clubs in the student and professional life.

There were a total of 70 attendees from 2nd, 3rd and 4th year along with the respective faculties of each year. The event included a talk by Mr. Sri Charan lakkaraju (founder of StuMagz), followed by two activities among which one was Jam Session and the other was Brain Treasure.

The session ended with a vote of thanks and presenting the speaker with a memento.

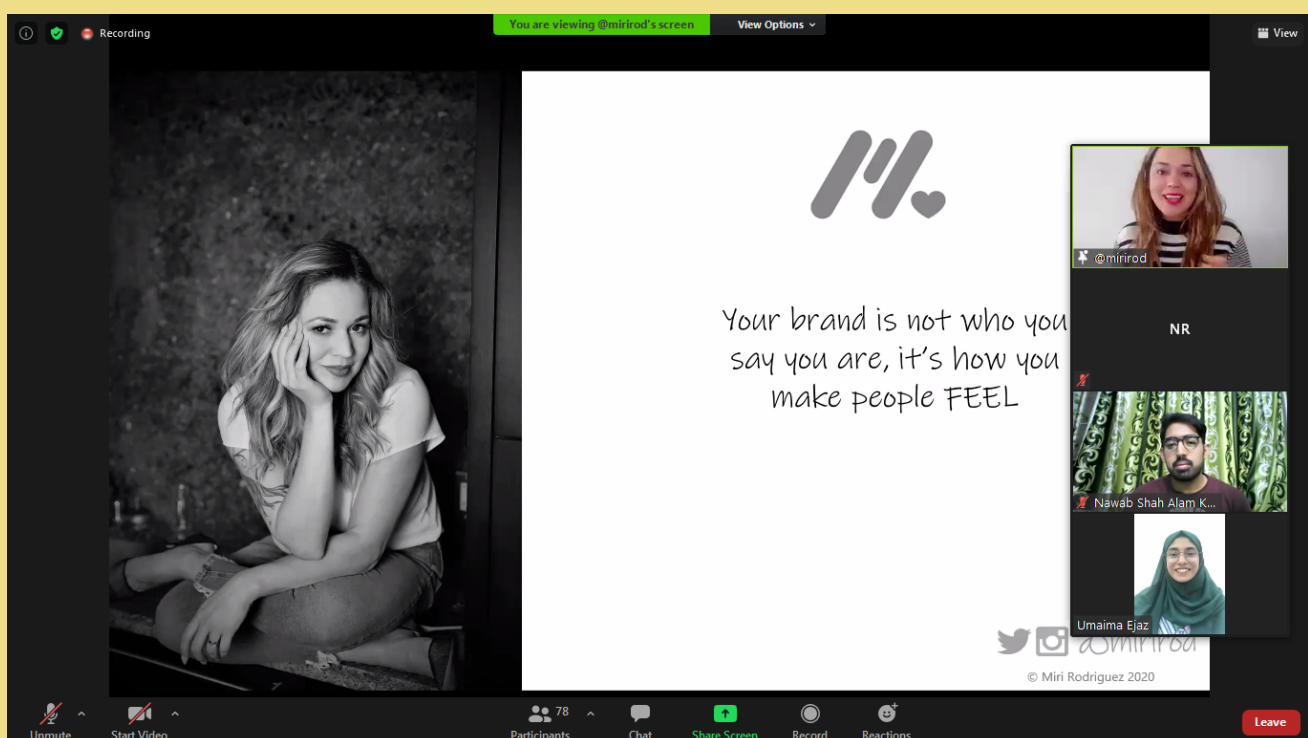
PERSONAL BRANDING

'Your brand is what people say about you when you're not in the room'

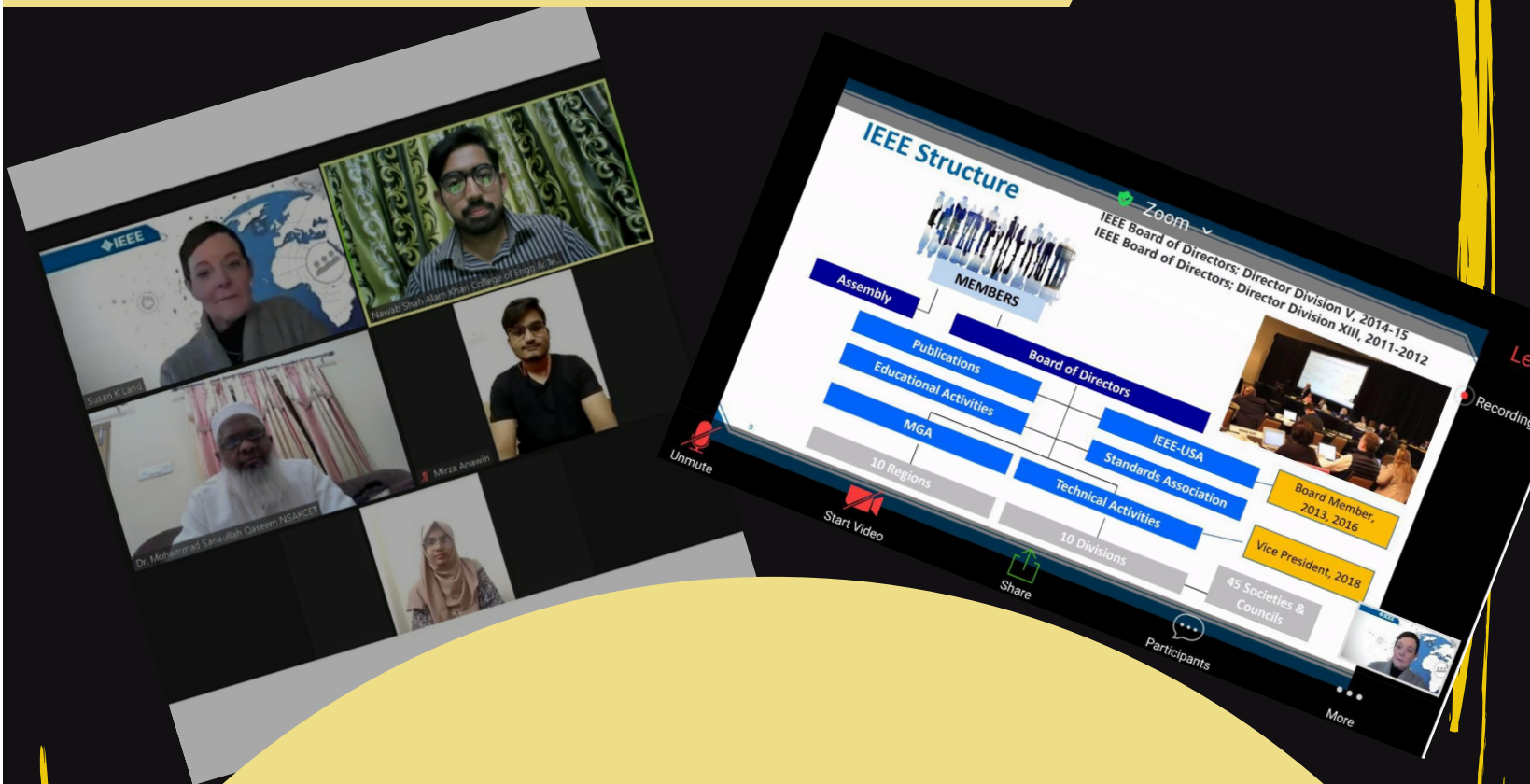
COMPUTER SCIENCE AND ENGINEERING Department and IEEE Student Branch of Nawab Shah Alam Khan College of Engineering and Technology had organized a Webinar entitled "Personal Branding-How to stand out and differentiate yourself " on 30th January, 2021. The session started with a warm welcome and introduction of speaker by Ms. Umaima Ejaz (Event Coordinator).

The session was handed over to Miri Rodriguez, author and head of Global Internship at Microsoft. This webinar was organized to highlight the importance of how to stand out and differentiate yourself among the crowd and a total of 170 participants attended the webinar. The speaker started the session by briefing the participants about her work at Microsoft followed by encouraging them through her personal experiences on how to stand out in the crowd.

Later, the session came to an end by a Q&A session where all the active participants were awarded with e-certificates also followed by presenting the speaker with a Letter of Appreciation.



PERSONAL JOURNEY WITH IEEE



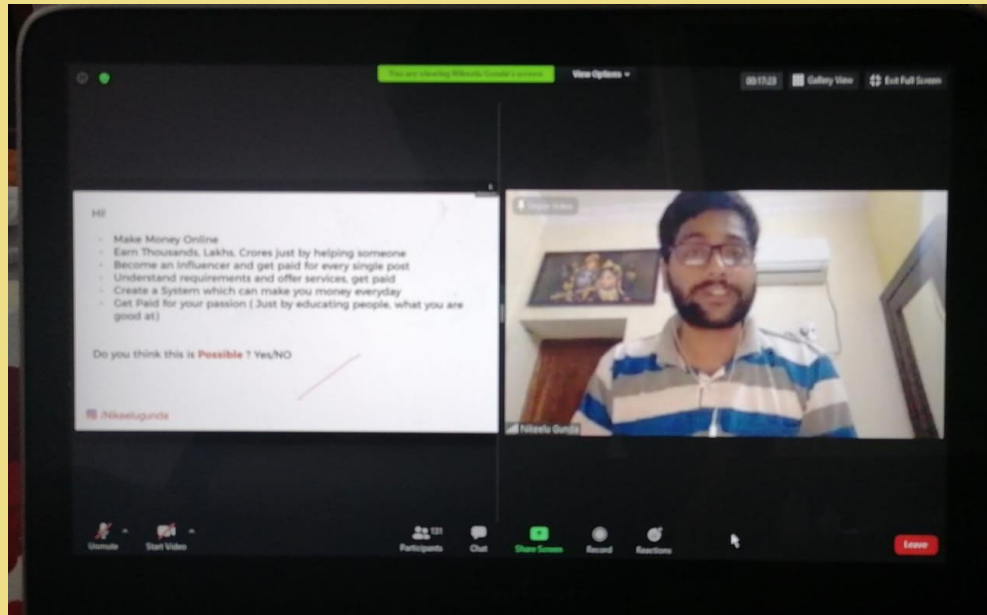
“The technology you use impresses no one. The experience you create with it is everything”

COMPUTER SCIENCE AND ENGINEERING Department and IEEE Student Branch of Nawab Shah Alam Khan College of Engineering and Technology had organized a webinar entitled "Personal Journey with IEEE" on 2nd February, 2021. The session started with a warm welcome and introduction of speaker by Mr. Mirza Anawin Ullah Baig (SB Treasurer).

The session was handed over to Ms. Susan Kathy Land, IEEE President and CEO. This webinar was organized to enlighten the audience about the IEEE and its benefits to students and professionals and a total of 80 participants attended the webinar. The speaker started the session by briefing the audience about her personal journey through IEEE.

Later, the session came to an end by a Q&A session where all the active participants were awarded with e-certificates also followed by presenting the speaker with a Letter of Appreciation.

DIGITAL MARKETING AS A CAREER



“An investment in knowledge pays the best interest.” Benjamin Franklin

COMPUTER SCIENCE AND ENGINEERING Department and IEEE Student Branch of Nawab Shah Alam Khan College of Engineering and Technology had organized a webinar entitled "Digital Marketing as a career " on 4th June, 2020. The session started with a warm welcome and introduction of speaker by Mr. Mohammed Khalid (SB Chair).

The session was handed over to Mr. Nikeelu Gunda, An Engineer turned Digital Marketer, Founder of Digital Connect - an organization which helps brands to Go Online & Get Customers Online, presently working at Tworks, a Telangana Govt. initiative as India's Largest Prototyping centre in Hyderabad.

This webinar enlightened the audience about digital marketing as a career option and its scope . The speaker started the session by briefing the audience about the basics of Digital Marketing and a total of 130 participants attended the session.

Later, the session came to an end by a Q&A session where all the active participants were awarded with e-certificates also followed by presenting the speaker with a Letter of Appreciation.

INSIGHT ON DATA SCIENCE

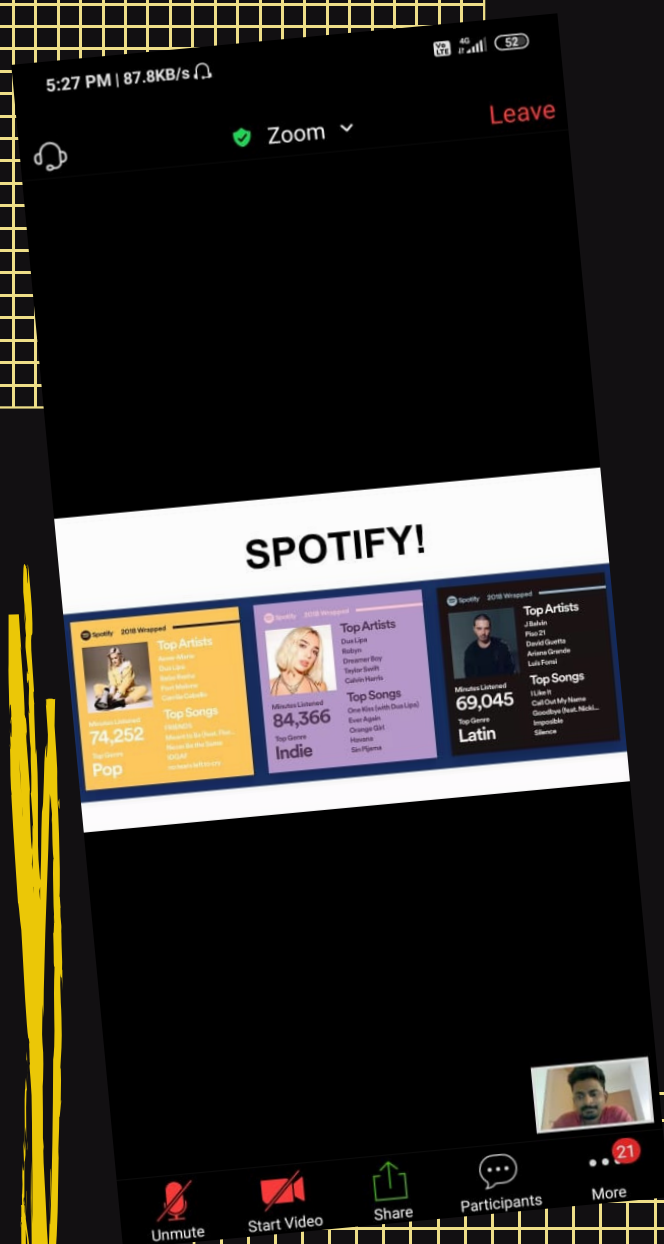
"Data is a precious thing and will last longer than the systems themselves." - Tim Berners.Lee , Inventor of the world wide web.

COMPUTER SCIENCE AND ENGINEERING

Department and IEEE Student Branch of Nawab Shah Alam Khan College of Engineering and Technology had organized a webinar entitled "Insight on Data Science " on 14th June, 2020. The session started with a warm welcome and introduction of speaker by Ms. Syeda Hafsa Taruj (SB Member).

The session was handed over to Mr. Vijay Pravin, a Data Science Expert at Siemens, Germany and also a TEDx Speaker, he is hailed among top 40 Data Scientists awardee in India. And he has also worked with the IEEE CS MEA SB prior to this and also has experience at conducting technical webinars. This webinar enlightened the audience about Data Science as a career option and its scope . The speaker started the session by briefing the audience about the basics of Data Science and a total of 250 participants attended the session..

Later, the session came to an end by a Q&A session where all the active participants were awarded with e-certificates also followed by presenting the speaker with a Letter of Appreciation.



CAREER IN CYBER SECURITY

**"For every lock, there is someone out there trying to pick it or break it" —
David Bernstein.**

COMPUTER SCIENCE AND ENGINEERING Department and IEEE Student Branch of Nawab Shah Alam Khan College of Engineering and Technology had organized a webinar entitled "Career in Cyber Security" on 25th June, 2020. The session started with a warm welcome and introduction of speaker by Ms.Syeda Kaunain Fatima (SB Member).

The session was handed over to Mr. Santosh Chaluvadi, Founder and CEO of Supraja Technologies. He's the holder of limca book of records 2017, an Entrepreneur, an Ethical Hacker and a Digital Marketing Expert.

This webinar enlightened the audience on how to start a career in cyber security and awareness on cybercrimes. The speaker started the session by briefing the audience about the basics of Cyber Security and how a cyber crime takes place. A total of 210 participants attended the session.

Later, the session came to an end by a Q&A session where all the active participants were awarded with e-certificates also followed by presenting the speaker with a Letter of Appreciation.



DATA SCIENCE APPLICATION AND OPPORTUNITIES

The screenshot shows a Zoom webinar interface. The main content area displays the title 'Data Science' and a definition: *'Data Science is an interdisciplinary field about processes and systems to extract knowledge or insights from data in various forms, either structured or unstructured, which is a continuation of some of the data analysis fields such as statistics, data mining, and predictive analytics, similar to Knowledge Discovery in Databases (KDD) – Wikipedia'*. Below the text is a Venn diagram with three overlapping circles: 'DOMAIN EXPERTISE' (orange), 'STATISTICAL RESEARCH' (blue), and 'COMPUTER SCIENCE' (green). The central intersection of all three circles is labeled 'DATA SCIENCE'. The intersections of 'DOMAIN EXPERTISE' and 'STATISTICAL RESEARCH' are labeled 'MACHINE LEARNING', and the intersection of 'DOMAIN EXPERTISE' and 'COMPUTER SCIENCE' is labeled 'DATA PROCESSING'. The Zoom interface includes controls for Unmute, Start Video, Share, Participants, and a 'Leave' button. A small video feed of the speaker is visible in the bottom right corner.

"Data is becoming the new raw material of business" - Craig Mundie

COMPUTER SCIENCE AND ENGINEERING Department and IEEE Student Branch of Nawab Shah Alam Khan College of Engineering and Technology had organized a webinar entitled "Data Science Application and its Opportunities" on 27th June, 2020. The session started with a warm welcome and introduction of speaker by Ms. Syeda Hafsa Taruj (SB Member).

The session was handed over to Dr. Salman Abdul Moiz, a Professor in School of Computer and Information Science (SCIS) at University of Hyderabad. This webinar enlightened the audience about where you can get an opportunity to explore the applications of Data Science and the possibilities in the field and a total of 250 participants attended the session.

Later, the session came to an end by a Q&A session where all the active participants were awarded with e-certificates also followed by presenting the speaker with a Letter of Appreciation

AN IOT FORECAST THAT IS SUNNY AND CLEAR

"If you invent a breakthrough in artificial intelligence, so machines can learn, that is worth 10 Microsofts." — Bill Gates.

COMPUTER SCIENCE AND ENGINEERING Department and IEEE Student Branch of Nawab Shah Alam Khan College of Engineering and Technology had organized a Webinar entitled ".An IOT Forecast That is Sunny and Clear " on 06th July, 2020. The session started with a warm welcome and introduction of speaker by Ms.Syeda Kaunain Fatima (SB Member).

The session was handed over to Ms. Kathy Giori and she is going to speak about an IoT Forecast that's sunny and clear (no cloud's). She is an EdTech Entrepreneur and Strategic Industry Advisor. She was also a part of the IoT team at Mozilla that developed the webthings gateways and framework. Qualcomm Atheros - Sr Product Manager, also CEO and Co-founder waterspot, Inc.

The webinar "**An IoT Forecast That's Sunny And Clear (No Clouds)**" demonstrates how to run the WebThings Gateway in a Docker container on your favorite platform to manage IoT devices that you build or buy. A total of 212 participants attended the session.

Later, the session came to an end by a Q&A session where all the active participants were awarded with e-certificates also followed by presenting the speaker with a Letter of Appreciation



DATA STRUCTURE- E-QUIZ

"Everyone loves sport. And everyone loves a quiz." - Sue Barker

COMPUTER SCIENCE AND ENGINEERING Department and IEEE Student Branch of Nawab Shah Alam Khan College of Engineering and Technology had organized an E-quiz on "Data Structures " on 8th July, 2020.



The E-quiz was organized to enhance the knowledge of the audience on "data structures". This event was coordinated by Ms. Syeda Farhath Begum, Associate Professor, CSE Dept, NSAKCET and there were a total of 630 participants who took part in the e-quiz. The participants were awarded with an e-certificate to encourage them for their future .

BLOCKCHAIN TECHNOLOGY- EQUIZ

"KNOWLEDGE HAS BEGINNING BUT NO END"

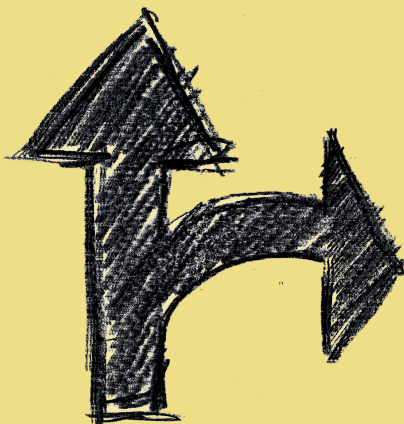


COMPUTER SCIENCE AND ENGINEERING Department and IEEE Student Branch of Nawab Shah Alam Khan College of Engineering and Technology had organized an E-quiz on "Blockchain Technology" on 15th July, 2020.

The E-quiz was organized to enhance the knowledge of the audience on "Blockchain Technology".

This event was coordinated by 1. Ms. Waseema Masood, Associate Professor, CSE Dept, NSAKCET and there were a total of 250 participants who took part in the e-quiz.

The participants were awarded with an e-certificate to encourage them for their future.



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Organized by
IT DEPARTMENT & IEEE STUDENTS BRANCH & CSE DEPARTMENT

QUIZINE
- A platter of quizzes

Topic
"Blockchain Technology"

From 14th July - 17th July

The second Quiz of the series coordinated by
Mrs. Waseema Masood, Associate Professor and Mr. Mohammed
Ayazuddin, Associate Professor of CSE and IT department,
will commence from 15-07-2020 and will be available for 72 hours.

• bit.ly/ieeequizseries_2 •

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CONFIDENCE & PROCRASTINATION



"You need to dwell into some bit of chaos to discover oneself". ~Mrs. Syeda Fatima Bilgrami

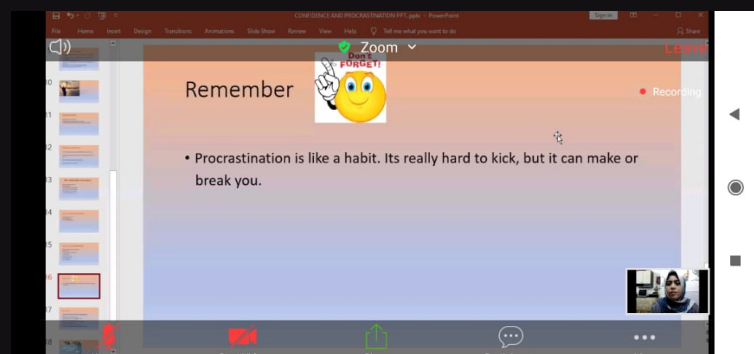
COMPUTER SCIENCE AND ENGINEERING Department and IEEE Student Branch of Nawab Shah Alam Khan College of Engineering and Technology had organized a Webinar entitled "Confidence & Procrastination " on 24th July, 2020.

The session started with a warm welcome and introduction of speaker by Ms.Syeda Kaunain Fatima (SB Member).

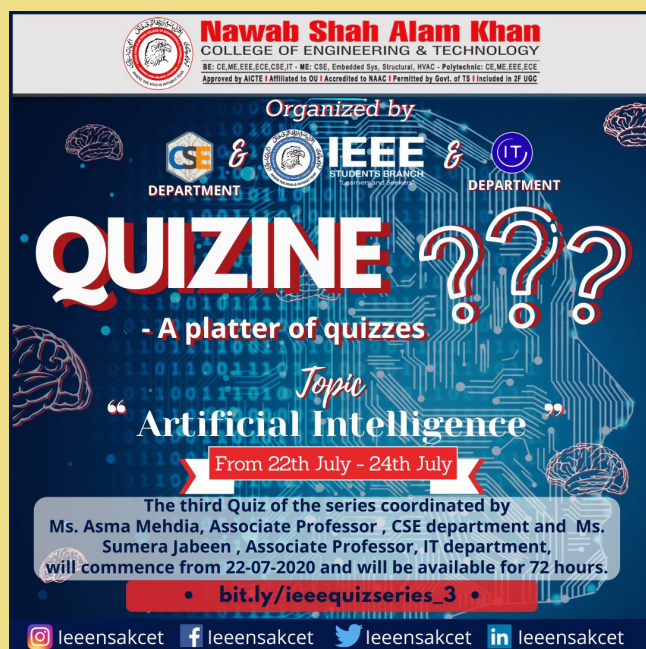
The session was handed over to Mrs. Fatima Mahmood Bilgrami, A young Entrepreneur from Hyderabad. Being **confident** is important in today's day to day life if you can't speak up and make your point someone else will, so rise up and be confident. **Procrastination** is delaying your least favorite task and focusing solely on what you like which may in turn back fire.

The speaker educated the audience about the importance of self confidence and demerits of procrastination. A total of 124 participants attended the webinar.

Later, the session came to an end by a Q&A session where all the active participants were awarded with e-certificates also followed by presenting the speaker with a Letter of Appreciation



ARTIFICIAL INTELLIGENCE - EQUIZ



"KNOWLEDGE ISN'T POWER UNTIL IT IS APPLIED".

COMPUTER SCIENCE AND ENGINEERING Department and IEEE Student Branch of Nawab Shah Alam Khan College of Engineering and Technology had organized an E-quiz on "Blockchain Technology" on 22nd July, 2020.

The E-quiz was organized to enhance the knowledge of the audience on "Artificial Intelligence". This event was coordinated by 1. Mrs. Asma Mehdi, Associate Professor, CSE Dept, NSAKCET and there were a total of 250 participants who took part in the e-quiz.

The participants were awarded with an e-certificate to encourage them for their future.

5G& 6G SERVICES NETWORK OUTLOOK

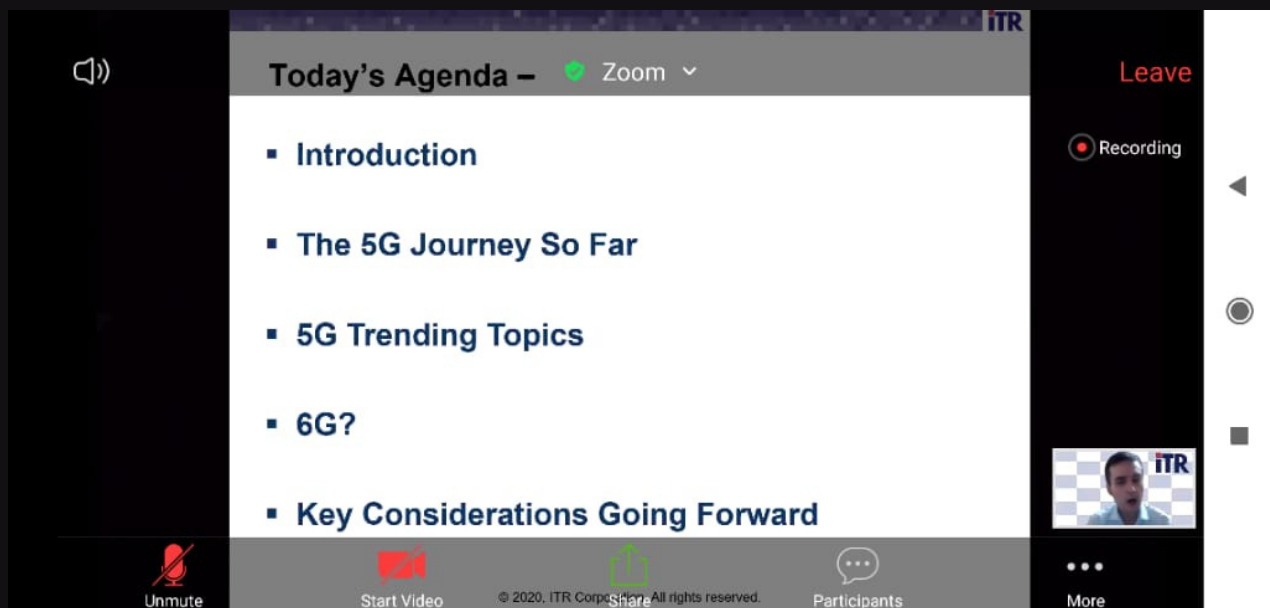
"Logic will take you from A to B. Imagination will take you everywhere." ~Albert Einstein

COMPUTER SCIENCE AND ENGINEERING Department and IEEE Student Branch of Nawab Shah Alam Khan College of Engineering and Technology had organized a Webinar entitled "5G& 6G Services Network Outlook- " on 24th august , 2020. The session started with a warm welcome and introduction of speaker by Mr. Mohd Talal Shafeeq(Event Managing Director).

The session was handed over to Mr. Mr. Marc Einstein, Chief Analyst | Telecommunication and Digital Services, ITR Corporation. Mr. Marc Einstein has over 15 years of telecommunications and digital media industry experience.

The webinar will enlighten us with everything related to 5G & 6G service network outlook. And a total of 120 participants attended the session.

Later, the session came to an end by a Q&A session where all the active participants were awarded with e-certificates also followed by presenting the speaker with a Letter of Appreciation

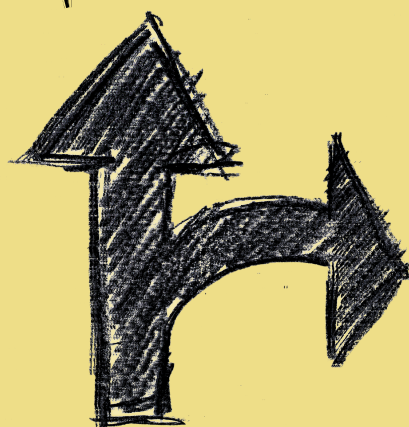


R PROGRAMMING- E-QUIZ

COMPUTER SCIENCE AND ENGINEERING Department and IEEE Student Branch of Nawab Shah Alam Khan College of Engineering and Technology had organized an E-quiz on " R Programming " on 20 August, 2020.

The E-quiz was organized to enhance the knowledge of the audience on “R Programming”. This event was coordinated by. Ms.Zahoor Abid, Associate Professor, CSE Dept, NSAKCET and there were a total of 750 participants who took part in the e-quiz.

The participants were awarded with an e-certificate to encourage them further.



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**“ENGINEERING IS
THE CLOSEST THING
TO MAGIC THAT
EXISTS IN THE
WORLD.”**

Elon Musk

AROUND THE WEB

