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| **Event**: | **SEMINAR** |
| **Topic**: | **Fundamentals of Networks & Embedded Systems, IOT** |
| **ResourcePerson**: | Mr.Naveen Kumar, Lt. Col Shoibal Chaterjee, Mr.Siddharth |
| **Schedule**: | 9:45 am onwards |
| **Date**: | 6th August, 2021 |
| **Day**: | Saturday |
| **Venue**: | Online MS Team Platform |
| **Faculty Incharge**: | Ms.Sania Kukkar, Dr.Sonal Dhiaya, Ms. Ayushi Dewan, Dr.Deepak Sonker ,HOD (BCA) |
| **No of Participants** : | **52** |

## Objectives:-

To learn about:-

- To be aware about fundamentals of computer networking.
- To understand embedded system and applications.
- To learn network simulation process.
- To have an insight to day to day uses of IOT with embedded system

## Report of Seminar on Fundamentals of Networks & Embedded Systems, IOT:

Tecnia Institute of Advanced Studies organized a seminar on 6th August ,2021. Students of BCA 2nd semester& BCA 4th semester have taken participation in this Seminar. The Seminar was divided into module and sub modules are:

1. Introduction to Data & Networking
2. Fundamentals & Components of IPV4 and IPV6
3. Tools & Technologies for Subnetting
4. MAC and IP address implementation
5. IOT Devices( Resbperry PI, Arduino, Node MCU)
6. Home Automation
7. Cisco Packet Tracer

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The Seminar started with a welcome speech by Dr. Deepak Sonker, H.O.D of BCA department. In his welcome speech, he asked students to remain focused on Seminar and to put their constant efforts to achieve excellence, learn new innovative things and discussed the significance of Advanced Networks. The Seminar was followed by the introduction speech by Mr. Shoibal Chaterjee and describe in brief about the importance of networking these days. He further continued by explaining the benefits of Network adaptations in future. The Seminar was then carried forward by Mr. Naveen Kumar, Founder and CEO of EMTECH FOUNDATIONS and in the last by Mr Siddharth Tiwari , Presently working with Networking Lions.

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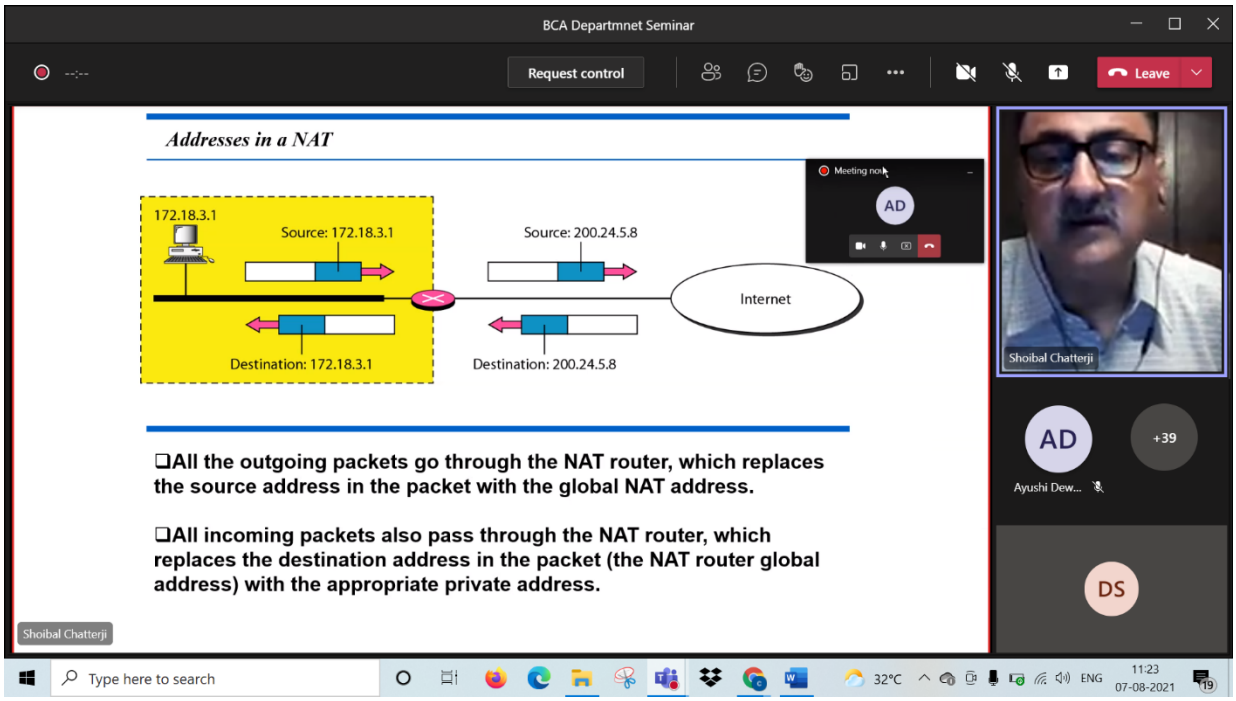
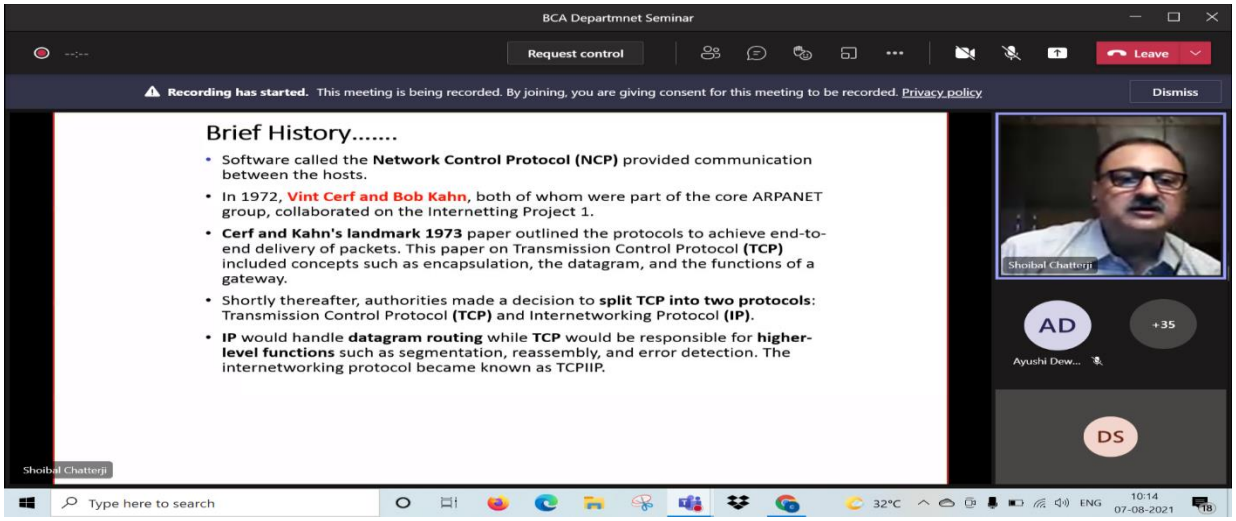
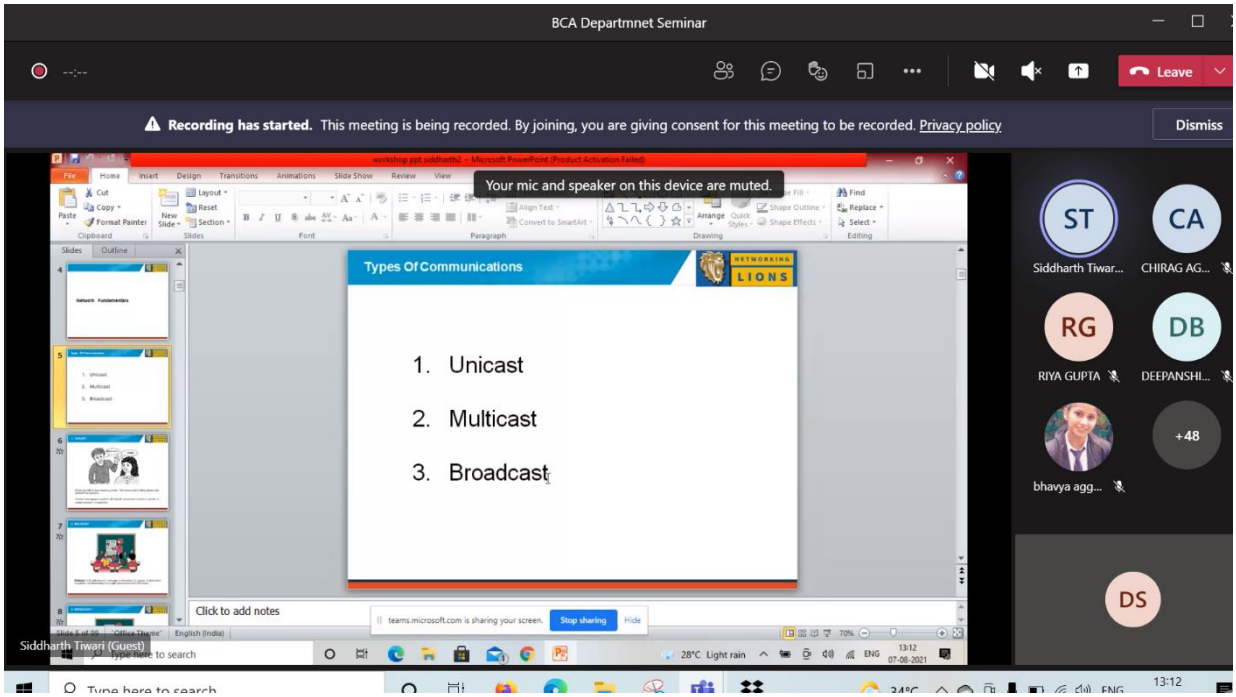



## Seminar on Data network fundamentals






Mr. Shoibal explained in detailed about the real world examples also explained the use and importance of unicast, multicast and broadcast networks.
In the end of the Seminar, there was a question-answer round, where the students clarified their doubts regarding Networking certifications.

## Learning Outcomes:-

- Student Have learn about fundamentals of computer networking.
- Student Have learn embedded system and applications.
- Student Have learn network simulation process.
- Student Have learn uses of IOT with embedded system

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| S.no | Enrollment number | Name of student |
|---|---|---|
| 1 | 117002020 | Harshitbansal |
| 2 | 717002020 | Vaibhavsethi |
| 3 | 817002020 | kunikamaindola |
| 4 | 1117002020 | Bhavya sharma |
| 5 | 1317002020 | diksha dureja |
| 6 | 1817002020 | Govind |
| 7 | 1917002020 | Kunalkumar |
| 8 | 2017002020 | Anadita |
| 9 | 2117002020 | Vasu Jain |
| 10 | 2217002020 | Yash sharma |
| 11 | 2517002020 | Bhumikagogna |
| 12 | 2717002020 | Muditmarkan |
| 13 | 2917002020 | Adityagoyal |
| 14 | 3517002020 | Yash parshar |
| 15 | 3617002020 | Vanshikaaggarwal |
| 16 | 3817002020 | Bhavya aggarwal |
| 17 | 3917002020 | Anshgupta |
| 18 | 4017002020 | Priyanshi |
| 19 | 4317002020 | Prachi garg |
| 20 | 4617002020 | Geetanshiarora |
| 21 | 3017002020 | Darsh verma |
| 22 | 3517002020 | Anjali jain |
| 23 | 3617002020 | Yamini mishra |
| 24 | 3717002020 | Jethin Thomas |
| 25 | 3817002020 | Rishabh |
| 26 | 4117002020 | Manav gupta (Guest) |
| 27 | 4217002020 | Janualabdin |
| 28 | 4317002020 | Shivani |
| 29 | 4517002020 | Abhishek  Roy |
| 30 | 4617002020 | Sudipto |
| 31 | 3017002020 | Chahat |
| 32 | 3117002020 | Ayushi Panwar |
| 33 | 3317002020 | Ujjwal |
| 34 | 3417002020 | Nakul gupta |
| 35 | 3517002020 | Dhruv Rawat |
| 36 | 3617002020 | Yash bisht |
| 37 | 3717002020 | Aditya tiwari |
| 38 | 3817002020 | Deepanshu |
| 39 | 3917002020 | Manav khanna |
| 40 | 4017002020 | Ashima khurana |
| 41 | 4117002020 | Avinashkumar |
| 42 | 4217002020 | Sanyaverma |
| 43 | 4317002020 | Naman jain |
| 44 | 4417002020 | Vipin |
| 45 | 4517002020 | Harsh Tanwar |
| 46 | 4617002020 | Shubhsm |

| | | |
|---|---|---|
| 47 | 2517002020 | Archit |
| 48 | 2617002020 | Gaurav sethi |
| 49 | 2717002020 | Deepanshi Bansal |
| 50 | 2817002020 | Sanyam |
| 51 | 2917002020 | Deepanshu tomar |
| 52 | 4218002020 | Ishti |

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