

## GUEST LECTURE

**Name of the Speaker:** Mr. Nikhil Suranglikar

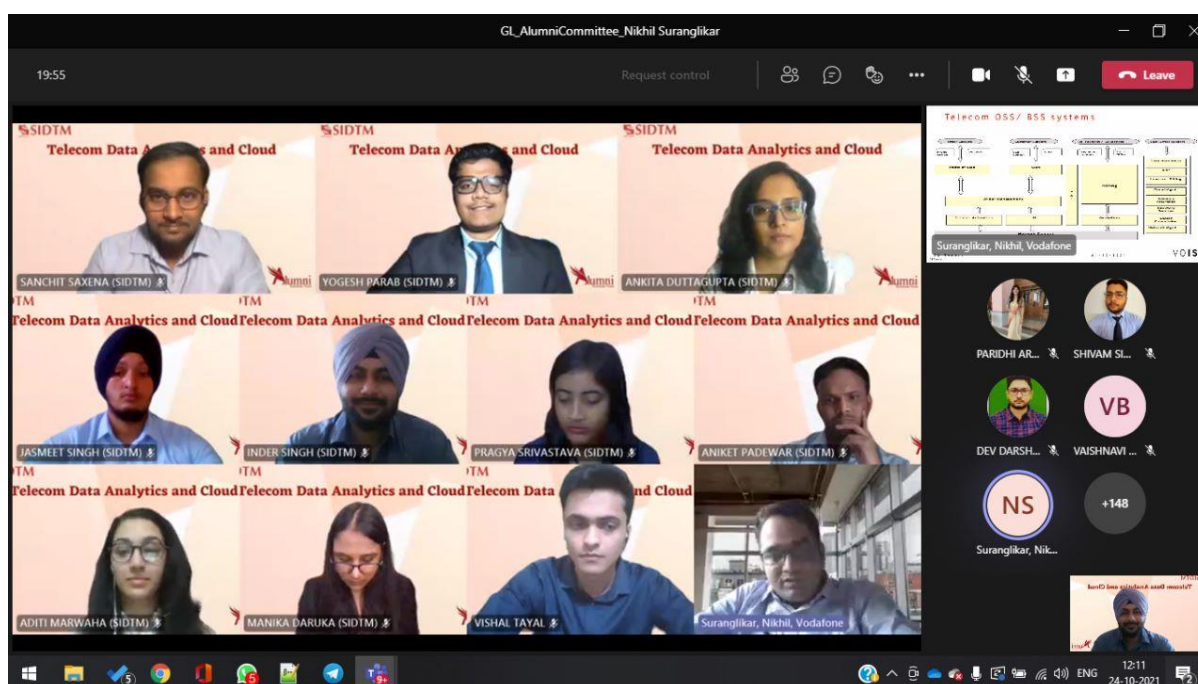
**Organization:** \_VOIS

**Designation:** General Manager

**Date:** 24/10/2021

**Topic:** Telecom Data Analytics and Cloud

**Photos:**



**Attendance:**

| PRN         | NAME              | P |
|-------------|-------------------|---|
| 21020542001 | AADESH GAIKWAD    | P |
| 21020542002 | ABDULLA SIDDIQUI  | P |
| 21020542003 | ABHIJEET PANDEY   | P |
| 21020542004 | ABHILASHA RASTOGI | P |
| 21020542005 | ABHISHEK ANAND    | P |
| 21020542006 | ABHISHEK MAITRA   | P |
| 21020542007 | ADARSH KESHARI    | P |
| 21020542008 | ADITHYA RAJEEVAN  | P |
| 21020542009 | ADITI MARWAHA     | P |
| 21020542010 | AKASH RANA        | P |

|             |                         |   |
|-------------|-------------------------|---|
| 21020542011 | AKSHATA DESAI           | P |
| 21020542012 | AKSHAY PAWAR            | P |
| 21020542013 | ALISHA FARZANA          | P |
| 21020542014 | AMARJIT SAHA            | P |
| 21020542015 | ANANYA SINGH            | P |
| 21020542016 | ANJALI SRIVASTAVA       | P |
| 21020542017 | ANKIT ANAND             | P |
| 21020542018 | ANKITA DUTTAGUPTA       | P |
| 21020542021 | ARNAB CHATTERJEE        | P |
| 21020542022 | ARNAV GUPTA             | P |
| 21020542023 | ARULMOZHI               | P |
| 21020542024 | ASHLEY FELIX TUSCANO    | P |
| 21020542025 | ASHUTOSH MEHRA          | P |
| 21020542026 | ASTHA JAIN              | P |
| 21020542027 | AZBANA VELATI           | P |
| 21020542028 | BAKHLE APOORVA NILESH   |   |
| 21020542029 | BANSOD AJAY VISHNU      | P |
| 21020542030 | BHANU BHATIA            | P |
| 21020542031 | BISWAJIT DAS            | P |
| 21020542032 | CHARISHA SHYAM SUKHA    | P |
| 21020542033 | CHAUDHARI VIPUL VIJAY   | P |
| 21020542034 | CHELLVAMATHI R S        | P |
| 21020542035 | CHINMAY SHEOREY         | P |
| 21020542036 | CHIRANJEET BARKAKOTI    | P |
| 21020542037 | DAKHARE MAHESH DIWAKAR  | P |
| 21020542038 | DAMLE MOHINI JITENDRA   | P |
| 21020542039 | DEBAPRIYA CHOWDHURY     | P |
| 21020542040 | DEBAYAN MAJUMDAR        | P |
| 21020542041 | DEDE ANIKET RAGHUNATH   | P |
| 21020542042 | DEEPSIKHA HOTA          | P |
| 21020542043 | DEV DARSHAN             | P |
| 21020542044 | DEVARASETTI HARISH      | P |
| 21020542045 | DHARINI PAL             | P |
| 21020542046 | DHAS KASHMIRA KIRAN     | P |
| 21020542047 | PARTH TYAGI             | P |
| 21020542048 | GANUGAPATI SAI ALEKHYA  | P |
| 21020542049 | GAYATHRI BALARAM        | P |
| 21020542050 | GUPTA DIVYANSH NAGENDRA | P |
| 21020542051 | HARSH TRIVEDI           | P |
| 21020542052 | HARSHIT VERMA           | P |
| 21020542053 | HEMANT BHATT            | P |
| 21020542054 | HUDLI VIRAJ MOHAN       | P |
| 21020542055 | INDER RAJ SINGH         | P |
| 21020542056 | INDUJA V                | P |

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|-------------|---------------------------------------|---|
| 21020542057 | INDURKAR KETAN MILIND                 | P |
| 21020542058 | JAGGESH S R                           | P |
| 21020542059 | JAGRATI VIJAY                         | P |
| 21020542060 | JASMEET SINGH                         | P |
| 21020542061 | JEJURKAR AJAY ASHOK                   | P |
| 21020542062 | JOSHI PRASANNA PRAKASH                | P |
| 21020542063 | JOY CHATTERJEE                        | P |
| 21020542064 | KAJAL MISHRA                          | P |
| 21020542065 | KARTHIKA HEMA MANASA M                | P |
| 21020542066 | KARTIKE BHUSHAN                       | P |
| 21020542067 | KEERTHANA P                           | P |
| 21020542068 | KESHAV BAJAJ                          | P |
| 21020542069 | KISHOR BASAVARAJ ALEGAON              | P |
| 21020542070 | KSHITIJ RAWAT                         | P |
| 21020542071 | M POOJA                               | P |
| 21020542072 | MAGAR ABHISHEK TREMBAK                | P |
| 21020542073 | MAHALE ASMITA MILIND                  | P |
| 21020542074 | MANIKA DARUKA                         | P |
| 21020542075 | MAYURI DIWAKAR PURI                   | P |
| 21020542076 | MEGHNA PILLALA                        | P |
| 21020542077 | MEMANAMURUPEL DHEERAJ PURUSHOTHAMAN   | P |
| 21020542078 | MIDATHADA LEELU GOWRI SHANKAR SAI RAM | P |
| 21020542079 | MODI TRISA SHAILESHKUMAR              | P |
| 21020542080 | MUSKAN SHRIVASTAVA                    | P |
| 21020542081 | GAIKWAD AJINKYA ANIL                  | P |
| 21020542091 | NAKUL NAYAN MEHTA                     | P |
| 21020542092 | NALIN VERMA                           | P |
| 21020542093 | NIKHIL TUKARAM SALUNKE                | P |
| 21020542094 | NIMISHA                               | P |
| 21020542095 | NIRUPAM BISWAS                        | P |
| 21020542096 | SHAN SHANE VARIKKATTU                 | P |
| 21020542097 | PADEWAR ANIKET PRADEEP                | P |
| 21020542098 | PARAB YOGESH NARAYAN                  | P |
| 21020542099 | PARIDHI ARORA                         | P |
| 21020542100 | PARIKSHIT ANAND                       | P |
| 21020542101 | PARV ARORA                            | P |
| 21020542102 | PATIL HARISH KISHOR                   | P |
| 21020542103 | PIYUSH BODWAL                         | P |
| 21020542104 | POOJA KALRA                           | P |
| 21020542105 | POULAMI NANDI                         |   |
| 21020542106 | PRADUMN SAXENA                        | P |
| 21020542107 | PRAGYA SRIVASTAVA                     | P |
| 21020542108 | PRATYUSHAW PRATA                      | P |
| 21020542109 | PRINSON PHILIP                        | P |
| 21020542110 | PRIYANKA BHANDARI                     | P |

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|-------------|-----------------------------|---|
| 21020542111 | PULKITA CHAWLA              | P |
| 21020542112 | RAHUL BARDHAN               | P |
| 21020542113 | RAJAT CHANDA                | P |
| 21020542114 | RATHOD FORUM RAJESH         | P |
| 21020542115 | RATNAKAR RAJASI AJIT        | P |
| 21020542116 | RIA HIMANSHU BHATTACHARJEE  | P |
| 21020542117 | RITU PARNA GHOSH            | P |
| 21020542118 | RODRICKS AARON VIVIAN       | P |
| 21020542119 | ROHAN NAIK                  | P |
| 21020542120 | RONAK ASODIYA               | P |
| 21020542121 | S ASMITHA                   | P |
| 21020542122 | S.PL.SUBRAMANIYAN           | P |
| 21020542123 | SAAHIL REHANI               | P |
| 21020542124 | SACHIN KUMAR YADAV          | P |
| 21020542125 | SAHIL SAINI                 | P |
| 21020542127 | SANCHIT SAXENA              | P |
| 21020542128 | SANTOSH KUMAR SINGH         | P |
| 21020542129 | SATYAM JHA                  | P |
| 21020542131 | SAYAN ROY CHOUDHURY         | P |
| 21020542132 | SHARMA VIVEK VINAY          | P |
| 21020542133 | SHASHWAT KRISHNA            | P |
| 21020542134 | SHASHWAT PARASHAR           | P |
| 21020542135 | SHINY BHATTACHARJEE         | P |
| 21020542136 | SHIVAM SINGHAL              | P |
| 21020542137 | SHIVANGI SHARMA             | P |
| 21020542138 | SHREYA ASHOK KAMBLE         | P |
| 21020542139 | SHUBHAM PATHAK              | P |
| 21020542140 | SHWETA MISHRA               | P |
| 21020542141 | SIDDHANT PADAVE             | P |
| 21020542142 | SINGH VARTIKA KRISHNAMURARI | P |
| 21020542143 | SOUMYADIP DAS               | P |
| 21020542145 | SOURABH PURKAIT             | P |
| 21020542146 | SOURAV SONOWAL              | P |
| 21020542148 | SRIJIT JAGADEESAN NAIR      | P |
| 21020542149 | SRISHTI SWAIN               | P |
| 21020542150 | SRIYA MITRA                 | P |
| 21020542151 | SUDEEP KHAWAS               | P |
| 21020542152 | SUGANDHA AGGARWAL           | P |
| 21020542153 | SUKRITI PRIYA               | P |
| 21020542154 | SURYASISH MAJUMDAR          | P |
| 21020542155 | SWETA DASGUPTA              | P |
| 21020542156 | TANMAY SIDDHARTH            | P |
| 21020542157 | TARUSH SOOD                 | P |
| 21020542158 | TAYADE RUSHIKESH BHANUDAS   | P |
| 21020542159 | TUHIN KANTI DEB             | P |

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|-------------|-----------------------------|---|
| 21020542160 | VAGMITA CHAUDHARY           | P |
| 21020542161 | VIKRANT NANDKISHOR PUSDEKAR | P |
| 21020542162 | VINAYAK GHANSHYAM CHAUDHARI | P |
| 21020542163 | YADAV SANCHIT ASHOK         | P |
| 21020542164 | JASH MINESH SHAH            | P |
| 21020542165 | ZAINAB KHAN                 | P |
| 21020542166 | SAWANT AKSHAY SUDHAKAR      | P |
| 21020542167 | AKASH DEEP                  | P |
| 21020542168 | ROUNAK SAHA                 | P |
| 21020542169 | SANDEEP SAINI               | P |
| 21020542170 | TANIKA SHARMA               | P |
| 21020542171 | TAK SACHIN RAMDAS           | P |
| 21020542172 | RISHABH MISHRA              | P |
| 21020542173 | JHAVERI MIIT YASHESH        | P |
| 21020542174 | VAISHNAVI BAJPAI            | P |
| 21020542175 | VIBHUTI SHANKER             | P |

## Write Up:

SIDTM's Alumni Relations Team is delighted to have organized an insightful session on the topic, "*Telecom Data Analytics & Cloud*" by Mr. Nikhil Suranglikar, who is presently associated with \_VOIS as the General Manager. He is an esteemed alumnus of batch 2004, and has vast experience in the telecom industry.

The session began with an overview of the evolution of the Telecom sector in India. The road to the Mobile revolution is a fascinating 25-year journey. The mobility needs of the customers have evolved. Earlier, it was mostly voice & SMS that were taken care of by GSM & CDMA; however, today, it is driven by the need for high throughput network technologies. The introduction of 4G set the momentum to revamp the entire business landscape. Mr. Suranglikar discussed the components of Telecom OSS/BSS architecture and the challenges faced by member telecom companies. The low ARPU (fell from Rs 1400 in 1995 to Rs 89 in 2020), liquidity, rationalization of the regulatory levies, Adjusted Gross Revenue (AGR) issues, spectrum pricing, Right of Way (RoW) rules, and cell tower radiation had a detrimental effect on telco's business in India. He highlighted that extensive investment is required in the telecommunications business.

Today is the era of digital transformation. The people and the machines alike are connected to the internet continuously and hence leaving enormous digital footprints. Much data is getting generated, and it is estimated that by 2025 we will have around 75 billion connected devices amounting to 185 Zettabytes of data. The enterprises are determined to use this to achieve growth and generate valuable insights. Leveraging big data helps in gaining a competitive advantage and enhancing customer experience. Mr. Suranglikar pointed to the accelerated deployment of cloud computing to manage big data in the industry. He also shared various use cases of Social Network Analytics, International Roaming, User Departments analytics,

Activation analysis, and Service Request analysis. These technologies augmented AI/ML adoption, but he emphasized the need for responsible AI.

Towards the end, Mr. Suranglikar accentuated that today's telecom industry is entering a stirring era of innovation. A confluence of technologies like 5G, IoT, AI, AR/VR/XR promises to revolutionize connectivity, creating better, more secure, and personalized experiences for all. So he encouraged young managers to learn modern technologies incessantly and evolve. The session was concluded with a Q&A session. We thank Mr. Suranglikar for such an interactive session that allowed us to explore various dimensions of the industry.