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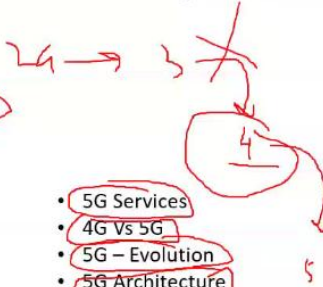
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Jio 5G Architecture

Saurabh Srivastava
Assistant Vice President, Reliance Jio
saurabhs22@yahoo.com

- 5G Services
- 4G Vs 5G
- 5G - Evolution
- 5G Architecture
- 5G NR
- SA and NSA
- Dual Connectivity



Saurabh Sr Srivastava

Reliance Jio Infocomm Limited

Participants

Type a name

Presenters (2)

Mute all

SB Swati Bairagi
Organizer

SS Saurabh Sr Srivastava
Outside your organization

Attendees (190)

AK Aakarsh Kumar (Guest)
Guest

AAKASH MENON - 70431019...

AT AARUSHI TIWARI - 70061019...

AM ABHINAV MISHRA3 - 700610...

KB Expert Talk on "5G Networks"
Thank you Sir

Reply

+183

RD

KB

AG



KD

VP



Saurabh Sr Srivastava

AT

AARUSHI TIWARI - 70...



Expert Talk on "5G Networks"

01:14:02

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Saurabh Sr Srivastava



AARUSHI TIWARI - 70061019095



ROHIT DHATRAK - 70061018020



ANUSHREE GUPTA2 - 70061018031



GAURAV SADARANGANI - 70331019029



KRISH DAVE - 70331019005



HRITIK AGRAWAL2 - 70061018003



Vineet Panchal



JAY GOYAL - 70061018029

Participants

Type a name

Presenters (2)

Mute all

Swati Bairagi
Organizer

Saurabh Sr Srivastava
Outside your organization

Attendees (187)

Aakarsh Kumar (Guest)
Guest

AAKASH MENON - 70431019...

AARUSHI TIWARI - 70061019...

ABHINAV MISHRA3 - 700610...

ABHIRVA NAVALAKHE - 7047...

ABHISHEK GARG2 - 7033101...



08/09/2020

To,

Dr. Alka Mahajan
Dean, MPSTME
NMIMS Mumbai

Subject: Proposed budget for organizing series of expert talks in odd semester of AY 2020-21.

Respected Madam,

The Electronics and Telecommunication Engineering department is planning to organize following series of expert talks on various topics delivered by industry experts. This would benefit the students in gaining knowledge of latest technologies, which they can implement in research projects.


Date (Tentative)	Speaker	Topic
10-09-2020	Expert Session by Mr. Vikrant Sankhe, Head - Marketing and Strategy, Siemens India Ltd	Digitalization in Industry
17-09-2020	Expert Session by Mr. Saurabh Shrivastava, Vice president, Reliance Jio	5G Networks
24-09-2020	Expert Session by Mr. Vishram Bapat, Director, Databyte Services and Systems	Electronic Warfare/Information Warfare

Third year and fourth year students of B. Tech., MBA Tech and B. Tech. Integrated Electronics and Telecommunication Engineering) shall be benefitted from this series of expert talks.

The tentative budget for the said programme is Rs 9,000/- (Honorarium of the speakers – 3000/- per speaker X 3)

Requesting you to kindly approve the same.

Thanking you,
Yours faithfully,


Dr. Muroj Sankhe
Professor and Head Electronics and Telecommunication Department
SVKM's NMIMS, MPSTME, Mumbai


8.9.

Contact

www.linkedin.com/in/saurabhs22
(LinkedIn)
www.nec.com (Company)

Top Skills

WiMAX
SDH
IP

Languages

English (Full Professional)
Hindi (Native or Bilingual)

Certifications

NEC Certified Trainer
Time Management: Working from Home
Working Remotely (2015)
Managing Virtual Teams
Conducting Motivational 1-on-1 Reviews

Honors-Awards

ISOC Fellowship to the IETF 84
British Chevening Scholarship
IEEE Award for Outstanding Leadership and Service
Proclub Success Rewarded

Saurabh Srivastava

Assistant Vice President and Head L&D at Jio
Mumbai

Summary

Extensive experience in telecom and networking domains.

Transmission Technologies - PDH, SDH, DWDM, EoSDH, Carrier Ethernet, OTN, etc.

Radio Technologies - WiMAX, Microwave, GPRS, UMTS, LTE, Packet Core - SGSN, GGSN, Cisco ASR 5000, etc.

Data Centre Networking - Nexus Switches, Software Defined Networking (Open Flow)

Layer 2 – Ethernet, xSTP, VLAN, 802.1 Q, Provider Bridging (QinQ), Ethernet OAM, Layer 2 QoS (CoS), Link Aggregation, ERPS, Sync Ethernet, Layer 2 Multicasting, Wireless LAN, Audio Video Bridging, etc

Layer 3 – Routing for IPv4 and IPv6 (RIP, OSPF, EIGRP, IS-IS, BGP), IPv6 Migration, Multicasting, MPLS VPN, etc.

Cisco Certificate Tracks – CCNA, CCNP – Data Centre, Routing and Switching, Security, Service Provider, Service Provider Operations, Video, Voice, Wireless, CCIE (Routing and Switching, Service Provider, Service Provider Operations), CCDA and CCDP, etc.

Cisco Specialist Certifications – Data Centre (Nexus Switches, MDS 9000), Security (ASA, Firewall, VPN, IPS, Identify Services Engine, Cisco Network Admission Control), Cisco IOS XR, Voice (Cisco Unified Communications Manager, QoS, Gateways, Gatekeepers, IP phones, Cisco Unity Connection, Cisco Unified Presence), TelePresence, WLAN (Access Points, Wireless LAN Controller, WCS Software)

Cisco Advanced Services – Optical (Cisco ONS 15454), Routing & Switching (Cisco ASR 9000, CRS, ASR 901, XR 12000, ASR

1000, Cisco 7600), Mobile Internet Technology (Cisco ASR 5000)
Cisco WAAS (Wide Area Application Services), Cisco ISE (Identity
Services Engine)

NEC Products:

NEC WDM Systems – DW7000, DW4200, DW4000, TM and MW
Series

NEC Multi Service Platforms – MN Series, U Node, V Node, C Node,
MN5000 Series

NEC Open Flow SDN – ProgrammableFlow Switches and
Controllers

NEC Pasolink Family for Microwave Backhaul – iPASOLINK
200/400/1000/100E/AX/EX/SX/GX, ePASOLINK, PASOLINK NEO,
PASOLINK NEO Extension

NEC Trunk Radio – 5000iP Series / 5000S

NEC NMS – PNMSj / PCMG / MS5000

Experience

Reliance Jio Infocomm Limited
Assistant Vice President
December 2014 - Present (5 years 10 months)
Head - Training, Learning and Development

NEC India
Head, Centre of Excellence
September 2009 - December 2014 (5 years 4 months)

At NEC India, Centre of Excellence is responsible to develop, test, optimize
and benchmark layers 1, 2 and 3 solutions for 3G and 4G mobile backhaul
networks for Mobile Phone Service Providers.

These are done in multi-vendor environment including (but not limited to)
following technologies

Layer 1 – Microwave and Optical Fiber (Planning and design, optimization, protection, etc.)

Layer 2 – Ethernet (VLAN, QinQ, xSTP, ERPS, EOAM, QoS at Layer 2, Aggregation, Sync Ethernet, etc.)

Layer 3 – Routing Protocols, MPLS, VPN, Traffic Engineering, Multicasting, Multi-homing, Layer 3 QoS, Network Optimization, Interoperability, IPv6, etc.

Being the head of CoE, I own end to end responsibly for successful completion of above mentioned tasks, including the project planning, costing and profit implications to a small extent. More focus is towards the technical aspects of above mentioned issues. Imparting training is additional responsibility I take care of.

NMIMS University

Visiting Faculty

January 2007 - December 2011 (5 years)

Was involved in syllabus design and teaching to MBA (Tech) Telecom Course

TATA Communications Ltd. (fka VSNL)

Technical Trainer and Senior Manager (Engg.)

January 1998 - September 2009 (11 years 9 months)

a) Project Management - All India Project Manager for Broadband MAN Projects, for Triple Play Broadband Services

(b) Training - Involved in technical training, course designing, content development and delivery of the training modules

(c) Data Communications - Planning, configuring, testing and troubleshooting of Cisco and Juniper Routers and Switches, for almost all layer 2 and 3 protocols

(d) Transmission - Optical Fibers SDH rings, C/DWDM, ATM, Satellite, etc.

Education

Coventry University

Master of Business Administration, Telecom Management · (2003 - 2004)

Birla Institute of Technology

Master of Engineering, Telecommunications · (1995 - 1997)

MMM Engineering College, India

Bachelor of Engineering, Electronics and Telecommunications

Engineering · (1987 - 1991)