

# NEW HORIZON COLLEGE OF ENGINEERING

## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### Report on Technical talk on “Advanced Networking”

Date:3-12-2016

Time:10:00AM – 12:00 PM

Resource Person:

Mr. Mirtunjay Kumar, Senior Engineer, Quintiles Research India Pvt Ltd., Bengaluru.

We the Department of Information Science and Engineering has conducted a Technical talk : on Advanced Networking on 3th December , 2016 for 5<sup>th</sup> semester ISE at chanakya seminar hall, NHCE to enlighten them on thecurrent technological innovations and how to explore new opportunities in the industry.

The talk started with topics related to the basics of Networking and then the real time examples.

And continued with,Computer networks are having dramatic impacts on our lives. What were once esoteric tools used only by scientists and engineers are becoming more widely used in schools, libraries, and businesses.

At the same time, researchers are working to develop even more capable networks that promise to change fundamentally the way we communicate technologies for tomorrow’s information superhighways. Advanced networks will first be used to support scientists in their work, linking researchers to supercomputers, databases, and scientific instruments. As the new networks are deployed more widely, they will be used by a broader range of users for business, entertainment, health care, and education applications.

#### Port Forwarding

- One public IP address but multiple servers
- Simple Rules vs. Advanced Rules
  - Simple Rules
  - Less conditions = less troubleshooting
  - Securing port forward access
- Local DNS entries to avoid local port forward
- Use session viewer for troubleshooting



Networks are a collaboration of government, industry, and academia, and allow researchers to try new approaches to network design and to attack a variety of research questions, significant progress has been made in the development of technologies that will help achieve the goals of the High Performance Computing

The speech was very inspiring to the students to think innovatively and act creatively. Students got more interest on how the future IT is going to be and what they have to be prepared for.

The talk was concluded by extending vote of thanks to the speaker, faculty and students.

### List of Participants

1NH12IS002	ABHINAV S B
1NH12IS003	ABHISEK CHOWDHURY
1NH12IS005	ABHISHEK GOWDA N S
1NH12IS007	AISHWARYA D KUCHALLI
1NH12IS010	AKASH S
1NH12IS011	AKSHAY K
1NH12IS012	AMRITA S MENON
1NH12IS013	ANITHA RAVICHANDRAN
1NH12IS014	ANTO MELVIN K F
1NH12IS015	ARKA PRABHO ROY
1NH12IS016	ASHWINI A
1NH12IS017	ASHWINI RAO
1NH12IS018	ASWIN J M
1NH12IS019	AVINASH B
1NH12IS020	B L GOPINATH
1NH12IS022	BHANUSHRI B
1NH12IS023	BHAVYASHREE B T
1NH12IS024	BHUVITHA R
1NH12IS025	BIKIRAN CHOUDHURY
1NH12IS026	C NESHWA SALIH
1NH12IS027	C U KUSHALAPPA
1NH12IS028	CHAITRA R
1NH12IS029	CHANDANA R
1NH12IS030	DEBARUPA RAKSHIT
1NH12IS031	DEEPTHI BHAT K
1NH12IS032	DEVIKA REDDY
1NH12IS033	DHAKSHAYANI.M
1NH12IS034	DILIP KUMAR H
1NH12IS035	DILSHA S UNNI
1NH12IS036	DIVYA JAYAPRADA L
1NH12IS037	DIVYA KUMARI
1NH12IS039	I PRIYANKA

1NH12IS040	JANHAVI U
1NH12IS041	JAYASHREE B S
1NH12IS043	JYOTHI LAKSHMI M
1NH12IS045	KEERTHI KUMAR C
1NH12IS046	KEERTHI PRIYA C
1NH12IS047	KEETHANA D
1NH12IS050	LAKSHMI RAJU L
1NH12IS051	LAVANYA S NAIR
1NH12IS053	MADHU R
1NH12IS054	MANISH KUMAR NAGAR
1NH12IS055	MANISHA SHINDE
1NH12IS056	MANJULA K
1NH12IS057	MANJUNATHA
1NH12IS058	MANOJ SHARMA
1NH12IS059	MD.AAMIR FIROJ
1NH12IS060	MEGHANA S
1NH12IS061	MEGHASHREE J
1NH12IS062	MEGHASHRITA KASHYAP
1NH12IS063	MOHAMED NAHEEL K P
1NH12IS064	MOHAMMED FAROOQ
1NH12IS065	MOHAMMED JABIR HUSSAIN
1NH12IS066	MONISHA SHARMA
1NH12IS067	N. SRINEJA
1NH12IS068	NAGARJUN N A
1NH12IS069	NAGENDRA DEVADIGA
1NH12IS070	NAGESH.H.R
1NH12IS071	NALINI S
1NH12IS072	NANDIPRASAD M GALI
1NH12IS074	NIKITHA P
1NH12IS075	NITHIN A
1NH12IS078	P GAGANA VIJAYAVARSHINI
1NH12IS079	PAVITRA N
1NH12IS080	PRAJJWALA NANDEESH
1NH12IS081	PRASHANT V
1NH12IS082	PRATHEEKSHA J
1NH12IS083	PRATHIKA L
1NH12IS084	PUJA KAUSHIK
1NH12IS085	PURUSHOTHAMAN G R
1NH12IS086	RACHANA R
1NH12IS087	RAHUL CHANDRA DAS
1NH12IS088	RAHUL YADAV
1NH12IS089	RAJEEV KUMAR
1NH12IS091	RAVI KUMAR

1NH12IS092	RAVIRAJ
1NH12IS093	RITU RIYA
1NH12IS094	ROOPA M
1NH12IS095	SAMEENA A TAQUI
1NH12IS096	SAMEER S NAYAK
1NH12IS098	SANDEEP R
1NH12IS099	SANGEETHA D
1NH12IS100	SANNUTHA. S. HOLLA
1NH12IS102	SAURABH KUMAR
1NH12IS103	SHAHAN SAYEED
1NH12IS104	SHAILAJA C
1NH12IS105	SHARIQ HUSSIAN
1NH12IS106	SHREEYA P
1NH12IS107	SHUBHAM SARAF
1NH12IS111	SUBHADIP MONDAL
1NH12IS113	SUSHMA D S
1NH12IS114	SUSHMITHA.R
1NH12IS115	SUSMETHA K C
1NH12IS116	SWARNA A
1NH12IS120	V. POOJA
1NH12IS121	V.VENKAT SURENDRA
1NH12IS122	VAIBHAVI SHEKAR
1NH12IS123	VARUN N
1NH12IS124	VINAY G
1NH12IS126	VISHWITHA N
1NH12IS401	ARUN V M ADOLLI