



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

OFFER LETTER

Ref. No.: NHCE/OFFER/077/2018

September 20, 2018

Mr. Harish Kumar Villuri,
Component Design Engineer
Intel Technologies
Bangalore.

Dear, Mr. Harish Kumar Villuri,

Congratulations! We are pleased to appoint you as an Adjunct Faculty in the Department of Electronics and Communication Engineering in New Horizon College of Engineering for the academic year 2018-19. New Horizon College of Engineering is a unit of New Horizon Educational Institution, founded in 1970 to provide quality education.

- The subject allotted to you is CMOS VLSI Design (Module 4: Timing Analysis).

Adjunct faculty appointments are temporary in nature and are usually made for one year. You may be considered for reappointment in accordance with existing policy. The Institution reserves the right to reschedule or reassign the teaching responsibilities for this appointment.

Kindly acknowledge the receipt of this offer letter and also the acceptance of the offer.

We welcome you to New Horizon family.

Head - Human Resources

Accepted the offer as per the terms discussed.

Signature: V. Harish Kumar

Date: 20/09/2018

R/s Sir,

we have conducted
the above lecture (expert)

on 20/9/18. Forwarded
for kind approval & release of payment



NEW HORIZON COLLEGE OF ENGINEERING

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Head - Human Resources

Accepted the offer as per the terms discussed.

Signature: V. Harish Kumar

Date: 20/09/2018

| S.NO | DETAILS REQUIRED | |
|------|-----------------------------|-----------------------------------|
| 1 | Name of the Resource person | Harish Kumar Villuri |
| 2 | Years of Experience | 8 years |
| 3 | Currently working in | Intel Technologies, Bangalore |
| 4 | Designation | Component Design Engineer |
| 5 | Number of Lecture Hours | 2 |
| 6 | Date of Lecture | 20/09/2018 |
| 7 | PAN Number | APIPV9932R |
| 8 | Aadhar Number | 5020 8454 3468 |
| 9 | Date of Birth | 22-01-1989 |
| 10 | Educational Qualification | B Tech |
| 11 | Bank Name | State Bank of India |
| 12 | Account Number | 00000020106981121 |
| 13 | IFSC Code & Branch | SBIN0017042 , THUBARAHALLI BRANCH |

NEW HORIZON COLLEGE OF ENGINEERING

Department of Electronics and Communication Engineering

17.09.2018

EXPERT LECTURE

The ECE students are hereby informed that EXPERT lecture
is scheduled on

“TIMING ANALYSIS IN VLSI DESIGN”

on 20.09.2018.

By Mr. Harish Kumar Villuri

Component Design Engineer,

Intel Technologies, Bangalore.

Timing schedule is as follows

| Course | Timings | Semester |
|---------------------------|-------------------|----------|
| ECE53 CMOS VLSI DESIGN | 01.50 pm-03.50 pm | 5 |

Note: All Faculty members are invited to attend the same
(without affecting regular classes)

Venue: MBA Seminar Hall

Faculty In-Charges: Ms. Neethu Johny, Ms. Monika Gupta

Date 20/9/18

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
Expert Lecture Attendance V Sem "A" Sec

Course : ECE53 CMOS VLSI DESIGN

| SL.No | USN | NAME | Stream | BATCH | Sign |
|-------|------------|-----------------------------|--------|-------|---------------------------|
| 1 | 1NH16EC001 | A M AMARJITH | EXE | A1 | |
| 2 | 1NH16EC002 | ABHISHEK KUMAR DESHETTI | EXE | A1 | Abhishek |
| 3 | 1NH16EC003 | ADITYA C | EXE | A1 | Aditya |
| 4 | 1NH16EC004 | AFZAL HUSSAIN | EXE | A1 | Afzal |
| 5 | 1NH16EC005 | AKHIL JOSEF | EXE | A1 | Akhil |
| 6 | 1NH16EC006 | AKHILESH VARMA KALIDINDI | EXE | A1 | Akhil |
| 7 | 1NH16EC007 | AKSHAY RAO | PROF | A1 | |
| 8 | 1NH16EC008 | ANMOL KUMAR | EXE | A1 | |
| 9 | 1NH16EC009 | ANOOP.A | PROF | A1 | Anoop |
| 10 | 1NH16EC010 | ANUSHA H N | EXE | A1 | |
| 11 | 1NH16EC011 | ARUN.P | GLOBAL | A1 | |
| 12 | 1NH16EC012 | ATHIRA AJAYA KUMAR KULLULLY | EXE | A1 | Athira |
| 13 | 1NH16EC014 | B SRIKANTH REDDY | EXE | A1 | B Srikanth |
| 14 | 1NH16EC015 | BHASKAR CHOUDHURY | EXE | A1 | Bhaskar |
| 15 | 1NH16EC016 | BIPIN DIXIT.H | EXE | A1 | Bipin |
| 16 | 1NH16EC017 | KIRAN C A | EXE | A1 | Kiran C A |
| 17 | 1NH16EC018 | ARUNA C | EXE | A1 | Aruna C |
| 18 | 1NH16EC019 | C.LEHARIKA | PROF | A1 | C Leharika |
| 19 | 1NH16EC020 | CHETHAN S | EXE | A1 | Chethan S |
| 20 | 1NH16EC023 | DEEPAK KU. PRADHAN | EXE | A2 | Deepak |
| 21 | 1NH16EC024 | DEEPTHI R | EXE | A2 | Deepti R |
| 22 | 1NH16EC025 | DENNIS VINCENT PAULRAJ | PROF | A2 | Dennis Paulraj |
| 23 | 1NH16EC028 | ELLINKI JAHNAVI | PROF | A2 | Ellinki Jahnavi |
| 24 | 1NH16EC030 | G AVINASH | EXE | A2 | G Avinash |
| 25 | 1NH16EC031 | GIRISH JATTU GOUDA | EXE | A2 | Girish Jattu |
| 26 | 1NH16EC032 | HARI PRASAD.R | EXE | A2 | Hari Prasad R |
| 27 | 1NH16EC033 | HARSH SRIVASTAVA | EXE | A2 | Harsh Srivastava |
| 28 | 1NH16EC034 | JAGADEESH.D | EXE | A2 | Jagadeesh D |
| 29 | 1NH16EC035 | JANANI.B.R | EXE | A2 | Janani B R |
| 30 | 1NH16EC036 | GIRIVARDHAN K | GLOBAL | A2 | Girivardhan K |
| 31 | 1NH16EC037 | KALAMADI SREELEKHA | GLOBAL | A2 | Kalamadi Sreelekha |
| 32 | 1NH16EC039 | KIRAN N | EXE | A2 | Kiran N |
| 33 | 1NH16EC040 | KISHORE N | EXE | A2 | Kishore N |
| 34 | 1NH16EC041 | K. VENKATA MOUNISH REDDY | EXE | A2 | K Venkata Mounish Reddy |
| 35 | 1NH16EC042 | KORVI CHANDRA KIRAN REDDY | EXE | A2 | Korvi Chandra Kiran Reddy |
| 36 | 1NH16EC043 | KUSHI PONNAMMA.K.P | EXE | A2 | Kushi Ponnamma K P |
| 37 | 1NH16EC044 | LALITHAMBHA S M | EXE | A2 | Lalithambha S M |
| 38 | 1NH16EC046 | SACHIT M | GLOBAL | A3 | Sachit M |
| 39 | 1NH16EC047 | MADAN GOWDA.M | PROF | A2 | Madan Gowda M |
| 40 | 1NH16EC048 | MADHU M DEVAMANE | PROF | A2 | Madhu M Devamane |
| 41 | 1NH16EC049 | MANJULA.S | PROF | A3 | Manjula S |
| 42 | 1NH16EC050 | MANJUNATH N | PROF | A3 | Manjunath N |
| 43 | 1NH16EC052 | MAURYA REDDY | EXE | A3 | Maurya Reddy |
| 44 | 1NH16EC053 | MEGHASHREE H M | EXE | A3 | Meghashree H M |
| 45 | 1NH16EC054 | MEGHANA V | EXE | A3 | Meghana V |

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|----|------------|-------------------------------|--------|----|---------------|
| 46 | 1NH16EC055 | MEGHASHREE R | EXE | A3 | Meghashree R |
| 47 | 1NH16EC056 | MISBAH TABASSUM AEJAZ | EXE | A3 | mtb |
| 48 | 1NH16EC057 | MITHUN.V | EXE | A2 | Mithun. |
| 49 | 1NH16EC058 | MOHAMMED ANAS | EXE | A3 | As |
| 50 | 1NH16EC059 | MOHAMMED FAROOQH PASHA | EXE | A3 | Farooq |
| 51 | 1NH16EC060 | MOHIT R | PROF | A3 | |
| 52 | 1NH16EC061 | MOHIT SAHU | EXE | A3 | Mohit Sahu |
| 53 | 1NH16EC062 | MUJEER PASHA | PROF | A3 | |
| 54 | 1NH16EC063 | MAHESHWARI N | EXE | A3 | |
| 55 | 1NH16EC135 | AKULA ANIL BHARATH | EXE | A3 | Anil |
| 56 | 1NH16EC137 | ANUPOJU SAI VENKAT THRIMURTHY | GLOBAL | A3 | Thrimurthy |
| 57 | 1NH16EC138 | ASHISH KUMAR . S | PROF | A3 | |
| 58 | 1NH16EC139 | KARTHIK . K. S | EXE | A3 | Karthik |
| 59 | 1NH17EC400 | AKASH PRASAD C | EXE | A3 | |
| 60 | 1NH17EC402 | ARATHI .V | EXE | A3 | Arathi V |
| 61 | 1NH17EC403 | BHAVANI . V | PROF | A3 | Bhava. |
| 62 | 1NH17EC412 | KIRAN . R | EXE | A1 | |
| 63 | 1NH17EC423 | RAJESHA . T . A | EXE | A1 | Rajesh |
| 64 | 1NH17EC429 | SUPRITHA H . D | EXE | A3 | Supri |

HOD - ECE

9
93

B - Sec

Date 20/9/18

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
Expert Lecture Attendance V Sem "B" Sec

| SL.No | USN | NAME | Stream | BATCH | Sign |
|-------|------------|-----------------------|--------|-------|----------------|
| 1 | INH16EC064 | NEHA MAHESH | EXE | B1 | Neha |
| 2 | INH16EC066 | NISHU DUBEY | EXE | B1 | Nishu |
| 3 | INH16EC067 | NITESH K | PROF | B1 | |
| 4 | INH16EC068 | NITHIN.E | EXE | B1 | Nithin |
| 5 | INH16EC070 | MAHALAKSHMI P | EXE | B1 | Mahalaxmi |
| 6 | INH16EC071 | DEEPAK P S | EXE | B1 | Deepak |
| 7 | INH16EC072 | PARITHOSH VEMA | PROF | B1 | Parithosh |
| 8 | INH16EC075 | POOJA SHANTARAM NAYAK | EXE | B1 | Pooja |
| 9 | INH16EC076 | PRAJWAL.T.J | PROF | B1 | Prajwal |
| 10 | INH16EC077 | PRANAY REDDY S | EXE | B1 | Pranay |
| 11 | INH16EC078 | PRASHANTH GOWDA.R.S | PROF | B1 | Prashanth |
| 12 | INH16EC079 | PRAVEEN KUMAR S | PROF | B1 | Praveen |
| 13 | INH16EC080 | PRESHIKA J M | EXE | B1 | Preshika |
| 14 | INH16EC081 | PRITHIPA A | EXE | B1 | Prithipa |
| 15 | INH16EC082 | R.PAVAN RAJ | PROF | B1 | R.Pavan |
| 16 | INH16EC083 | RAJVARDHAN | EXE | B1 | Rajvardhan |
| 17 | INH16EC084 | RAKSHITHA N | EXE | B1 | Rakshitha |
| 18 | INH16EC085 | ROSHINI.M | EXE | B1 | Roshini |
| 19 | INH16EC086 | RUSHAB.S.G | EXE | B1 | Rushab |
| 20 | INH16EC087 | SAI KIRAN | EXE | B2 | Sai Kiran |
| 21 | INH16EC088 | SAI PRASHANTH | PROF | B2 | Sai Prashanth |
| 22 | INH16EC089 | S P SAAJU | EXE | B2 | S P Saju |
| 23 | INH16EC090 | SAGAR | EXE | B2 | Sagar |
| 24 | INH16EC092 | SANNAPANENI PAVANI | GLOBAL | B2 | Sannapaneni |
| 25 | INH16EC093 | SHAIK NOORULLA BASHA | EXE | B2 | Shaik Noorulla |
| 26 | INH16EC094 | SHAIKH ASIF | EXE | B2 | Shaikh Asif |
| 27 | INH16EC095 | SHASHANK B | EXE | B2 | Shashank |
| 28 | INH16EC096 | SHRAVIN.R.SEKHAR | EXE | B2 | Shravin |
| 29 | INH16EC097 | SHRIPAD AITHAL | EXE | B2 | Shripad |
| 30 | INH16EC098 | SIDDESH JALAGERI | EXE | B2 | Siddesh |
| 31 | INH16EC099 | JAGAN MOHAN REDDY | EXE | B2 | Jagan |
| 32 | INH16EC100 | SIDRAMAPPA | EXE | B2 | Sidramappa |
| 33 | INH16EC101 | SINDHU C R | EXE | B2 | Sindhu |
| 34 | INH16EC102 | SIVA CHALLA | EXE | B2 | Siva Challa |
| 35 | INH16EC103 | SPOORTHY.G | PROF | B2 | Spoorthy |
| 36 | INH16EC105 | SUSHMA CHIKKUR | PROF | B2 | Sushma |
| 37 | INH16EC106 | T.E.HABISHEK | PROF | B2 | T.E.Habishek |
| 38 | INH16EC107 | T.SAI DEEPTHI | EXE | B2 | T.Sai Deepthi |

| | | | | | |
|----|------------|------------------------------|--------|-----|--------------------|
| 39 | 1NH16EC109 | UDIT BAHUGUNA | EXE | B2 | <i>Udit</i> |
| 40 | 1NH16EC110 | VARUN MISHRA | EXE | B3 | <i>Varun</i> |
| 41 | 1NH16EC112 | VEENA K | EXE | B3 | |
| 42 | 1NH16EC113 | VIDYA VISHNU | PROF | B3 | |
| 43 | 1NH16EC114 | VIJAY C | EXE | B3 | |
| 44 | 1NH16EC115 | VIJAY KUMAR C | EXE | B3 | |
| 45 | 1NH16EC116 | VIJAY S | PROF | B3 | |
| 46 | 1NH16EC118 | VISHWANATH VEERANNA | PROF | B3 | <i>Vishwanath</i> |
| 47 | 1NH16EC119 | W M MAGDOOM FUAAD | GLOBAL | B3 | <i>W M Magdoom</i> |
| 48 | 1NH16EC120 | YATHIN S | PROF | B3 | <i>Yathin</i> |
| 49 | 1NH16EC122 | YESHWANTH J M | EXE | B3 | <i>Yeshwanth</i> |
| 50 | 1NH16EC124 | YESHWANTH.M | EXE | B3 | <i>Yeshwanth</i> |
| 51 | 1NH16EC125 | YESHWANTH.M.L | EXE | B3- | <i>Yeshwanth</i> |
| 52 | 1NH16EC128 | SIMON CHAUHAN | EXE | B3 | <i>Simon</i> |
| 53 | 1NH16EC129 | ASHOK CHOUDHARY | GLOBAL | B3 | |
| 54 | 1NH16EC130 | M.V.K BHARATH | GLOBAL | B3 | |
| 55 | 1NH16EC131 | NAMRATHA PRAKSAH | PROF | B3 | |
| 56 | 1NH16EC132 | PREM KUMAR | EXE | B3 | |
| 57 | 1NH16EC133 | SRIDHAR. P | EXE | B3 | <i>Sridhar</i> |
| 58 | 1NH17EC401 | AKSHAY GAMBHIR SADALAGI | EXE | B3 | |
| 59 | 1NH17EC407 | GURURAJ SHIVASHANKAR NATIKAR | EXE | B2 | |
| 60 | 1NH17EC410 | JYOTHI CHANDRASHEKAR | PROF | B2 | <i>Jyothi</i> |
| 61 | 1NH17EC426 | SACHIN . M | EXE | B3 | |
| 62 | 1NH17EC427 | SHAMBULING V . PATIL | EXE | B3 | <i>Shambuling</i> |
| 63 | 1NH17EC430 | SUSHMITHA | EXE | B3 | <i>Sushmitha</i> |

HOD - ECE

Note: Highlighted students should be informed to pay the Account dues.
Students should not be given attendance till they clear the dues.

Date 20/9/18

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
Expert Lecture Attendance V Sem "C" Sec

| SL.No | USN | NAME | Stream | BATCH | Sign |
|-------|------------|------------------------|--------|-------|------|
| 1 | 1NH14EC001 | Abhirajith S Raj | EXE | C3 | |
| 2 | 1NH14EC717 | KEERTHANA A | EXE | C3 | |
| 3 | 1NH14EC726 | P Likith Chowdary | EXE | C3 | |
| 4 | 1NH15EC007 | A VIKRAM KUMAR REDDY | EXE | C3 | |
| 5 | 1NH15EC024 | HARSHA E | EXE | C1 | |
| 6 | 1NH15EC072 | Pulibandla Harish | EXE | C2 | |
| 7 | 1NH15EC075 | R RAGHAV SRIVATSAV | PROF | C3 | |
| 8 | 1NH15EC093 | Sare Sai Sandeep | EXE | C2 | |
| 9 | 1NH15EC434 | SUDHANYA S | EXE | C2 | |
| 10 | 1NH15EC701 | ABHISHEK VP | EXE | C1 | |
| 11 | 1NH15EC707 | Deepak Tomslee | EXE | C1 | |
| 12 | 1NH15EC715 | Manoj Chandrashekar | EXE | C1 | |
| 13 | 1NH15EC717 | Venkatasai Balakrishna | EXE | C2 | |
| 14 | 1NH15EC720 | Pavan Kumar S | EXE | C3 | |
| 15 | 1NH15EC736 | RISHAV PAUL | EXE | C3 | |
| 16 | 1NH15EC747 | Shreyas.H | EXE | C2 | |
| 17 | 1NH15EC759 | Vishnu.N.U | EXE | C2 | |
| 18 | 1NH16EC430 | Vijay Kumar Y Valmiki | Prof | C1 | |
| 19 | 1NH16EC702 | ABHISHEK KHOT | EXE | C3 | |
| 20 | 1NH16EC703 | ABHISHEK PATAJOSHI | EXE | C3 | |
| 21 | 1NH16EC704 | ABU BAKAR SIDDIQ | EXE | C3 | |
| 22 | 1NH16EC705 | AKSHAY.V | EXE | C3 | |
| 23 | 1NH16EC706 | AMMIDAL VISHNU VIKAS | EXE | C3 | |
| 24 | 1NH16EC707 | ANITA CHAUHAN | EXE | C3 | |
| 25 | 1NH16EC708 | ANJU GOPINATH | EXE | C3 | |
| 26 | 1NH16EC709 | ASHUTOSH MANISH | PROF | C3 | |
| 27 | 1NH16EC710 | B VAMSHI KRISHNA REDDY | EXE | C3 | |
| 28 | 1NH16EC711 | BALAJI L | PROF | C3 | |
| 29 | 1NH16EC713 | CHIRAG S | EXE | C3 | |
| 30 | 1NH16EC714 | GAGANA M R | EXE | C3 | |
| 31 | 1NH16EC715 | GOWRI SNEHA PRIYA S | EXE | C3 | |
| 32 | 1NH16EC716 | GURRAM VENKATA NIKESH | GLOBAL | C3 | |
| 33 | 1NH16EC717 | HARSHITA.P | EXE | C3 | |
| 34 | 1NH16EC718 | JEEVAN.K | EXE | C3 | |
| 35 | 1NH16EC719 | MITHUN KUMAR | PROF | C2 | |
| 36 | 1NH16EC720 | KIRAN SAGAR N P | EXE | C2 | |
| 37 | 1NH16EC722 | LINGRAJ JAMKHANDI | PROF | C2 | |
| 38 | 1NH16EC723 | M ANISHA | EXE | C2 | |
| 39 | 1NH16EC724 | M PRIYADARSHINI | EXE | C2 | |
| 40 | 1NH16EC725 | MSVV RITVIK | EXE | C2 | |
| 41 | 1NH16EC726 | MANJUNATH T | EXE | C2 | |

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|----|------------|------------------------|--------|----|-------------|
| 42 | 1NH16EC727 | MANSOOR ELAHI | PROF | C2 | |
| 43 | 1NH16EC728 | MOHAMMED ZEESHAN ALF | GLOBAL | C2 | |
| 44 | 1NH16EC729 | SIVA NAGAMUNI REDDY | PROF | C2 | |
| 45 | 1NH16EC730 | MOUNIKA E | EXE | C2 | |
| 46 | 1NH16EC731 | THILAK PRASAD | PROF | C2 | |
| 47 | 1NH16EC733 | NAWAZ KHAN | PROF | C2 | Nawaz |
| 48 | 1NH16EC734 | NIISHA ANANDU NAIK | EXE | C2 | Naik |
| 49 | 1NH16EC735 | NIVEDITHA N | EXE | C2 | Niveditha |
| 50 | 1NH16EC736 | NIVEDITHA R | PROF | C2 | Niveditha R |
| 51 | 1NH16EC738 | PAVITHRA.N | PROF | C2 | Pavithra |
| 52 | 1NH16EC739 | PAWAN KUMAR SRIVASTAVA | EXE | C2 | Pawan |
| 53 | 1NH16EC740 | POOJA P CHOUHAN | EXE | C1 | Pooja |
| 54 | 1NH16EC741 | PRAVEEN KUMAR | PROF | C2 | |
| 55 | 1NH16EC742 | RACHANA.S | PROF | C2 | Rachana |
| 56 | 1NH16EC743 | K RAGHAVENDRA | EXE | C2 | Raghu |
| 57 | 1NH16EC744 | RAMYA.R | EXE | C2 | |
| 58 | 1NH16EC745 | REDDY SHEKAR.B.S | EXE | C3 | Reddy |
| 59 | 1NH16EC746 | RUCHIKA PRADEEP | PROF | C1 | Ruchika |
| 60 | 1NH16EC747 | S.SARAVANA | EXE | C3 | Sara |
| 61 | 1NH16EC748 | S SEYAM | EXE | C3 | |
| 62 | 1NH16EC749 | SHRIYA.G | EXE | C1 | |
| 63 | 1NH16EC750 | SINDHU A | PROF | C1 | Sindhu |
| 64 | 1NH16EC751 | SMITHA B S | EXE | C2 | Smitha |
| 65 | 1NH16EC752 | SWATHI K | EXE | C1 | Swathik |
| 66 | 1NH16EC753 | T.R. BHOOMIKA | PROF | C1 | |
| 67 | 1NH16EC754 | TARUN SAI REDDY | EXE | C3 | Tarun |
| 68 | 1NH16EC755 | ULTHI KEDARNATH | EXE | C1 | Ulthi |
| 69 | 1NH16EC756 | YESHASWINI K M | EXE | C1 | Yashaswini |
| 70 | 1NH16EC757 | YUVASHREE R | GLOBAL | C1 | Yuvashree |
| 71 | 1NH16EC758 | PRAVEEN.S | PROF | C1 | Praveen |
| 72 | 1NH16EC759 | SHAASHANK RAO.M | EXE | C1 | Shashank |
| 73 | 1NH17EC404 | CHIRANJEEVI . K | EXE | C1 | |
| 74 | 1NH17EC405 | B . N CHITHRASREE | EXE | C1 | |
| 75 | 1NH17EC408 | JANARDHANA . T | PROF | C1 | |
| 76 | 1NH17EC409 | JAYANTH . V | EXE | C1 | |
| 77 | 1NH17EC411 | B . J KOWSALYA | EXE | C1 | |
| 78 | 1NH17EC415 | MANASA . C | EXE | C1 | |
| 79 | 1NH17EC416 | MANOJ . R | EXE | C1 | Manoj |
| 80 | 1NH17EC418 | NAVEEN KUMAR . J | EXE | C1 | |
| 81 | 1NH17EC421 | RAGHU . R | EXE | C1 | |
| 82 | 1NH17EC422 | RAHUL JAIN | EXE | C1 | Jain |
| 83 | 1NH17EC424 | RAKESH KUMAR . T | EXE | C1 | |
| 84 | 1NH17EC431 | VASANTH . R | EXE | C1 | Vasanth |

NEW HORIZON COLLEGE OF ENGINEERING, BANGALORE

(Autonomous Institution affiliated to VTU, Accredited by NBA & NAAC with Grade 'A')

Department of Electronics and Communication Engineering

Report on Expert Lecture for CMOS VLSI Design

The Department of Electronics & Communication Engineering organized an expert lecture for the course CMOS VLSI Design by Mr. Harish Kumar Villuri, Component Design Engineer, Intel Technologies, Bangalore on 20th September 2018. The session dealt with 'Timing Analysis in VLSI Design'.

The lecture started off with an introduction which was about the basics of MOSFET. He explained about the different types of MOSFET including its advantages and applications.

After the introduction, he explained about the design flow in VLSI where he mentioned that VLSI design flow is a very solid and mature process. The overall VLSI design flow and the various steps within the VLSI design flow have proven to be both practical and robust in multi-millions VLSI designs until now. Next, he explained about analog design flow and digital design flow. A comparison was made between both the design flows which gave us a clear idea about both the processes and how one differed from the other. He then talked about the Cadence software and the different tools that it uses.

The next topic was latches. A brief introduction was given about latches where he explained that a latch is an example of a bistable multivibrator, that is, a device with exactly two stable states. These states are high-output and low-output. A latch has a feedback path, so information can be retained by the device. Therefore latches can be memory devices, and can store one bit of data for as long as the device is powered. He took an example of D latch and explained the working of it. He then explained about flipflops and took an example of D flipflop to explain the working of it. To understand the working of flipflops and latches he explained about level triggered and edge triggered process and how one varies from the other.

Timing constraints, being an important topic in VLSI, was explained next. He talked about how the designer creates timing constraints for synthesis which are a series of constraints applied to a given set of paths or nets that dictate the desired performance of a design.

The next topic was Setup and Hold time. Setup time is defined as the minimum amount of time before the clock's active edge that the data must be stable for it to be latched correctly. Any violation may cause incorrect data to be captured, which is known as setup violation.

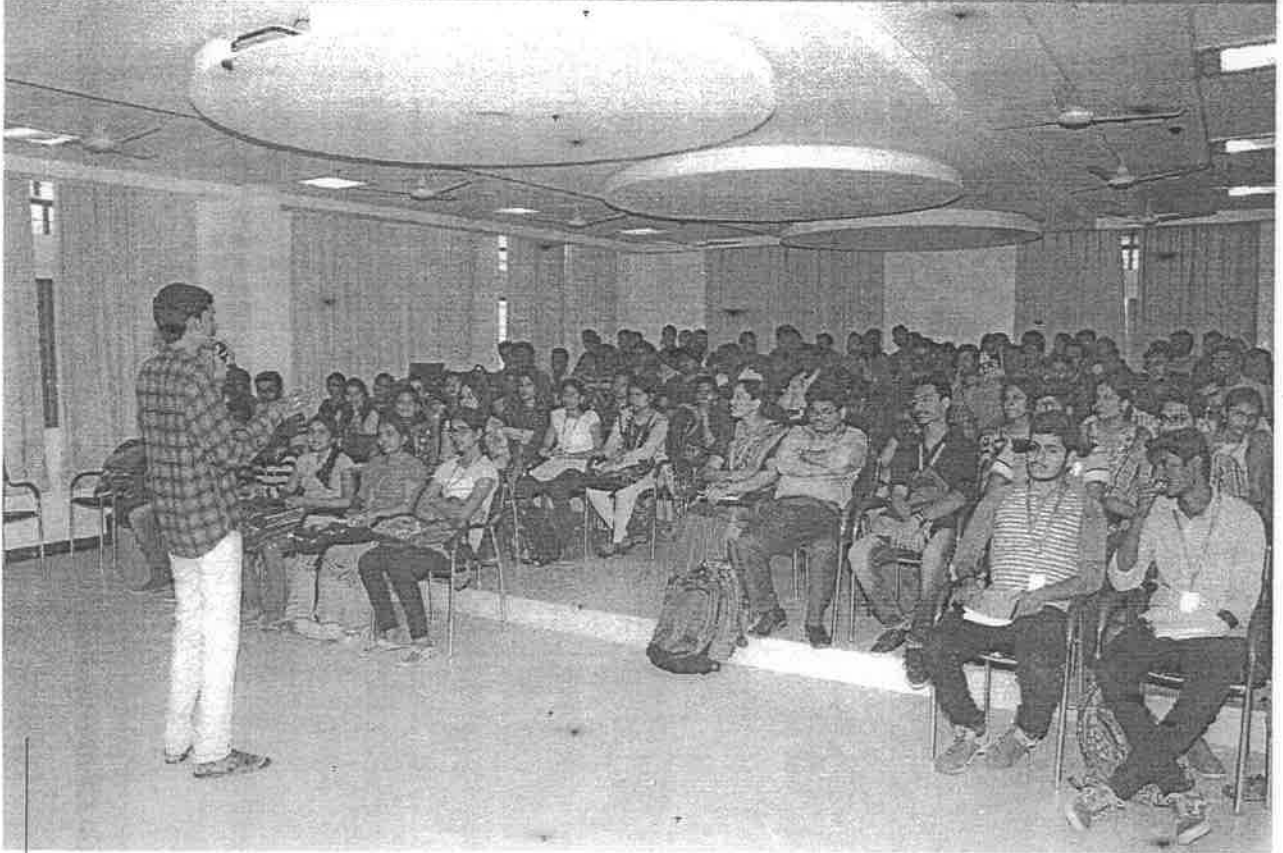
Hold time is defined as the minimum amount of time after the clock's active edge during which data must be stable. Violation in this case may cause incorrect data to be latched, which is known as a hold violation.

He then spoke about Unate where he explained about its three types with an example. In inverter having input A and output Y, Y is negative unate with respect to A. Positive unate means cell output logic is same as that of input. For example, a clock that passes through an XOR gate is not unate because there are non unate arcs in the gate.

He concluded the seminar with a brief explanation about the fabrication process in VLSI and how the chips are manufactured.

It was a very informative session where we understood many topics in detail. As it was an interactive session, many students took up the opportunity to put forth their points.

We are thankful for the college for conducting such an informative session which was very useful and has given us so much knowledge.



**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB:

FEEDBACK ON(Mention the topic): *VLSI guest lecture*

DATE: *22-09-18*

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | ✓ | | | ✓ | |
| Good | | ✓ | ✓ | | ✓ |
| Average | | | | | |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

1. *Very good*

2.

3.

Sai Sandeep

Name & USN No.(optional)

1NH15EC093

Signature (optional)

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: Guest lecture on VLSI

FEEDBACK ON (Mention the topic): Static timing Analysis **DATE:** 22/09/18
Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | ✓ | ✓ | ✓ | ✓ | ✓ |
| Average | | | | | |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

1. was useful
2. would be more effective
- 3.

Name & USN No. (optional) Bhoomika T.R IN1416EC#53

Signature (optional) Bhoomika.T.R

101

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: Guest lecture on VLSI

FEEDBACK ON (Mention the topic):

DATE: 22/07/18

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | ✓ | ✓ | ✓ | ✓ | ✓ |
| Average | | | | | |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

1. Was useful
2. Got ideas on timing analysis
3. It could be more effective

Name & USN No. (optional) Niveditha.R , 1N1716EC#36

Signature (optional) Niveditha.R

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: GUEST LECTURE ON VLSI

FEEDBACK ON (Mention the topic): Timing Analysis
Instruction: Please put a tick mark at the appropriate column.

DATE: 22-09-18

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | ✓ | ✓ | ✓ | ✓ | ✓ |
| Average | | | | | |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

1. Was useful
2. could be made more interesting by including more
* visuals than speech

Name & USN No. (optional) MOUNIKA.E [1NH16EC730]

Mounika
Signature (optional)

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: VBI

FEEDBACK ON (Mention the topic): TIMING ANALYSIS **DATE:** 22/09/18
Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | | | | | |
| Average | | | | | |
| Satisfactory | ✓ | ✓ | ✓ | ✓ | ✓ |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No. (optional) SHRIYA.G (1NH16EC749)

Signature (optional)

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: Guest lecture (VLSI)

FEEDBACK ON (Mention the topic): TIMING ANALYSIS (Module 4) **DATE:** 22/9/18
Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | ✓ | | ✓ | ✓ | ✓ |
| Good | ✗ | ✓ | | | |
| Average | | | | | |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

1. —
- 2.
- 3.

Name & USN No.(optional) SWATHI.K
(INH16EC752)

Swathi.K
Signature (optional)

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB:

FEEDBACK ON (Mention the topic): Guest lecture on VLSI **DATE:** 23/9/18
Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | ✓ | | ✓ | ✓ | ✓ |
| Average | | ✓ | | | |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No. (optional) M. Anisha

Anisha
Signature (optional)

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: *Guest Lecture On VLSI*

FEEDBACK ON(Mention the topic):

DATE: *22/09/18*

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | ✓ | ✓ | |
| Good | ✓ | | | | ✓ |
| Average | | ✓ | | | |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

1. *MBA seminar hall mike and projector should be improved.*
- 2.
- 3.

Name & USN No.(optional)

Signature (optional)

107

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: VLSI Guest Lecture

FEEDBACK ON(Mention the topic):

DATE: 20/9/18

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | | | ✓ | ✓ | |
| Average | ✓ | | | | ✓ |
| Satisfactory | | ✓ | | | |

Comments/Remarks/Suggestions:

1. Text visibility is not appropriate on the slide

2.

3.

Name & USN No.(optional)

Signature (optional)

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: Export Lecture - 2 [CMOS VLSE]

FEEDBACK ON (Mention the topic):

DATE: 22/09/18

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | | | ✓ | | |
| Average | ✓ | ✓ | | ✓ | ✓ |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

1. Lecture was not so clear, however, some points were good
2. The points on setup and load time is useful
3. The visuals are not upto the mark

Name & USN No. (optional) D. Jagadeesh 4.1NH16EC034

Signature (optional) 

109

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: *Expanded CMOS VLSI*

FEEDBACK ON (Mention the topic): *method ↓*
Instruction: Please put a tick mark at the appropriate column.

DATE: *20/18*

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | ✓ | | ✓ | | |
| Average | | ✓ | | ✓ | |
| Satisfactory | | | | | ✓ |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No.(optional)

Signature (optional)

110

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB:

FEEDBACK ON(Mention the topic):

DATE: 20/9/18

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | ✓ | | | | |
| Good | | ✓ | ✓ | ✓ | |
| Average | | | | | |
| Satisfactory | | | | | ✓ |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No.(optional)

A Anil Bhoath.

Signature (optional)

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: *Guest Lecture Intel - VLSI*

FEEDBACK ON (Mention the topic):

DATE: *20/9/18*

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | ✓ | | ✓ | ✓ | ✓ |
| Average | | ✓ | | | |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

1. *Text was not visible on the slide...*
2. *Covered a lot in less span of time...*
3. *went in depth, tough to grasp...*

Name & USN No.(optional)

Signature (optional)

112

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: Expert Lecture on CMOS VLSI Design

FEEDBACK ON (Mention the topic): Expert Lecture (VLSI) **DATE:** 20/9/18
Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | ✓ | | |
| Good | ✓ | ✓ | | ✓ | ✓ |
| Average | | | | | |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No. (optional) Megha Shree HM 1NH16EC053

Signature (optional)



1/3

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: Expert lecture on CMOS VLSI

FEEDBACK ON (Mention the topic):

DATE: 20/9/18

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | ✓ | | |
| Good | ✓ | | | ✓ | ✓ |
| Average | | ✓ | | | |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No. (optional)

IN416EC023

Signature (optional)



114

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: Guest Lecture on CMOS VLSI

FEEDBACK ON(Mention the topic):

DATE: 20/9/18

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | ✓ | ✓ | | ✓ | |
| Average | | | ✓ | | ✓ |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No.(optional)

Signature (optional)

Mohita

115

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB:

FEEDBACK ON(Mention the topic):

DATE: 20/9/18

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | ✓ | | | | ✓ |
| Good | | ✓ | | ✓ | |
| Average | | | ✓ | | |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No.(optional)

Signature (optional)

116

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: AKHIL Expert Lecture

FEEDBACK ON (Mention the topic):

DATE: 20.09.18

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | | ✓ | | ✓ | ✓ |
| Average | ✓ | | ✓ | ✓ | |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No.(optional)

Signature (optional)

117

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: EXPERT LECTURE

FEEDBACK ON (Mention the topic):

DATE: 20-09-18

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | ✓ | |
| Good | ✓ | | ✓ | | ✓ |
| Average | | ✓ | | | |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No.(optional)

Signature (optional)

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: EXPERT LECTURES

FEEDBACK ON(Mention the topic):

DATE: 20/9/18

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | ✓ | |
| Good | ✓ | | ✓ | | |
| Average | | ✓ | | | ✓ |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No.(optional)

Signature (optional)

119

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: Expert Lecture (VLSI)


FEEDBACK ON (Mention the topic): Expert Lecture (VLSI) **DATE:** 20/9/18
Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | | | | | |
| Average | ✓ | ✓ | | ✓ | |
| Satisfactory | | | ✓ | | ✓ |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No.(optional) D. Jagadeesh 1N416E1034

Signature (optional) 

120

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: *Expert lecture CMOS VLSI design*

FEEDBACK ON (Mention the topic):

DATE: *29-09-18*

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | ✓ | | |
| Good | | | | ✓ | ✓ |
| Average | ✓ | | | | |
| Satisfactory | | ✓ | | | |

Comments/Remarks/Suggestions:

1. *presentation can be improve*

2.

3.

Sub Supriya H.C.
Name & USN No.(optional)

Sub
Signature (optional)

121

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: Expert lecture of CMOS VLSI

FEEDBACK ON(Mention the topic):

DATE: 20/9/18

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | ✓ | ✓ | | | |
| Average | | | ✓ | ✓ | ✓ |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No.(optional)

Meghana.v

Signature (optional)

Meghana.v

122

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB:

FEEDBACK ON(Mention the topic):

DATE: 24/07/18

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | ✓ | ✓ | ✓ | ✓ | ✓ |
| Average | | | | | |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No.(optional)

~~SIDD~~ Prajwal INH16EC076

Signature (optional)

123

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB:

FEEDBACK ON(Mention the topic):

DATE:

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | ✓ | | ✓ | ✓ | ✓ |
| Average | | ✓ | | | |
| Satisfactory | | | | | |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No.(optional)

Signature (optional)

124

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB: VbGI

FEEDBACK ON(Mention the topic):

DATE: 24/09/18

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | | | ✓ | | |
| Average | | ✓ | | ✓ | |
| Satisfactory | ✓ | | | | ✓ |

Comments/Remarks/Suggestions:

- 125
1. He was not audible to all,
 2. He was not interacting with students, but not so much.
 - 3.

Name & USN No.(optional)

Signature (optional)

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB:

FEEDBACK ON(Mention the topic):

DATE: 24/09/18.

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | ✓ | ✓ | ✓ | | |
| Average | | | | ✓ | |
| Satisfactory | | | | | ✓ |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No.(optional)

INIBEC081

Signature (optional)

Poithapa

126

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM**

NAME OF THE EVENT/CLUB:

FEEDBACK ON(Mention the topic):

DATE: 24/09/18

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | | | | | |
| Average | ✓ | ✓ | | ✓ | ✓ |
| Satisfactory | | | ✓ | | |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No.(optional)

Signature (optional)

127

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM

NAME OF THE EVENT/CLUB: *Robotics. NSE autabel design & building time:*

FEEDBACK ON(Mention the topic):

DATE: *2/19/18*

Instruction: Please put a tick mark at the appropriate column.

| Rating | Clarity | Visuals | Skills | Guidance | Overall |
|--------------|---------|---------|--------|----------|---------|
| Excellent | | | | | |
| Good | ✓ | | ✓ | | |
| Average | | ✓ | | ✓ | |
| Satisfactory | | | | | ✓ |

Comments/Remarks/Suggestions:

- 1.
- 2.
- 3.

Name & USN No.(optional)

Shambhuj Patil

Signature (optional)