Event Report

Project Competition on 'VLSI Design 'based on FPGA Board

- Date of conduction: **16 April'2015 and Time of conduction : 10:00 AM - 01:30 PM**
- Venue: A316 (ME, Communication System Laboratory)
- Name of the Faculty Coordinator's for the event
  - **Prof. Deepak Parashar**
  - **Prof. Mayank Mahant**
- Number of students participated: **56 (UG, EC third Year Students)**
- The event is supported by **ISTE student chapter**

The department of E&C has organized an event under ISTE student chapter titled "Project Competition on 'VLSI Design 'based on FPGA Board" as a part of their core subject "VLSI Design and Technology" for the UG Third Year, Electronics and Communication students Organized by Department of Electronics & Communication at G. H. Patel College of Engineering & Technology, Vallabh Vidyanagar, Gujarat on 16thApril'2015

The students have demonstrated projects on various topics related to VLSI domain and implemented on FPGA Board. The students have presented their innovative ideas through projects in the group of three. The above stated faculty and some other faculty members have encouraged and help them to take the benefit of the event in a way to understand the importance of VLSI Domain.

Few topics are as per following:

- 8 bit Multiplier
- Adder/ Subtractor
- Finite state machines
- Counter based projects
- Edge detector
- Digital clock etc…..

The undersigned faculty members are the organizer of the event.

Prof. Deepak Parashar,
Prof . Mayank Mahant

The undersigned were the jury faculty member for the event.

Dr. Bhaskar Thakkar (Head of the EC Dept.)

Event Notice

G H PATEL COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRONICS & COMMUNICATION

MINI PROJECT DEMONSTRATION/COMPETITION ON 'VLSI DESIGN'

We are going to organize one day Mini Project competition under ISTE student chapter for the third year BE (Electronics and Communication) students of EC department on Thursday 16th april, 2015.

The schedule for the same is as mentioned below:

Time: 10:00 AM - 01.30 PM

Date: 16th April, 2015.

Venue: A-316

Prof. Deepak Parashar and
Prof. Mayank Mahant
Faculty Coordinator's

Dr. B. V. Thakkar
(Prof. & Head)
EC Department

❖ The event is supported by ISTE student chapter

16th April, 2015

To,

Prof. Vijay Makwana,

Faculty Advisor,

GCET ISTE Students Chapter

Sub.:- Financial support for organizing a Mini Project Competition on VLSI Design event by EC students

Dear Sir,

EC department in association with GCET ISTE student's is going to organize one day Mini Project competition under ISTE student chapter for the third year BE (Electronics and Communication) students of EC department on Thursday 16th april, 2015.

The schedule for the same is as mentioned below:

Time: 10:00 AM - 01.30 PM, Date: 16th April, 2015.

Venue: A-316

In order to encourage the students, we would like to present 1st prize and 2nd prize to them.

We request you to kindly provide necessary financial support of approximately Rs. 300/- for organizing the event.

Thanking you.

Prof. Deepak Parashar

(Event Coordinator)

Students Attendance sheet

Date: 16/04/2015

Attendance Sheet

MINI PROJECT DEMONSTRATION/COMPETITION ON 'VLSI DESIGN'

SR. NO	EN. NO.	NAME OF THE STUDENT'S	TITLE OF THE PROJECT	SIGN
1	120110111001	Patel Paresh	BCD TO SEVEN SEGMENT CODE CONVERT	
2	120110111003	Patel Ankit		
3	120110111005	Patel Rushi		
4	120110111019	Dave Ankit		
5	120110111014	Patel Anal	digital clock in VHDL	
6.	120110111017	Abhishek bhanushali		
7.	120110111004	shivani Patel		
8.	120110111007	Asmita mehtu		
9.	120110111012	Rahul Patel	Multiplier	
10.	120110111029	Smit Kothari		
11.	120110111047	Reema Zaala		
12.	120110111018	Varun Tanwani		
13.	120110111045	Roshan Christy	PRIORITY ENCODER.	
14	120110111048	Vinod Nalia		
15	120110111051	Bhautik Panchal		
16	120110111054	Nirbhay Vasava		
17	120110111034	vavadia Daiya.	Finite state machine.	
18	120110111024	Bhavesha kishan.		
19.	120110111037	Anjay vakharia		
20.	120110111016	Harsh Andhariya		
21.	120114111001	Raj Shah	2's complement	
22.	120110111058	deep patel		
23.	120110111061	Shubham Tripathi		

(Deepak Parashar)

Date: 16/04/2015

Attendance Sheet

MINI PROJECT DEMONSTRATION/COMPETITION ON 'VLSI DESIGN'

SR. NO	EN. NO.	NAME OF THE STUDENT'S	TITLE OF THE PROJECT	SIGN
	130113111011	Deep Shah	~~Universal shift~~ Counter 99.	
	130113111004	Kartikey Joshi		
	120110111059	Nikhil Chodhary		
	120110111011	Harshil Joshi	Half subtractor	
*	120110111021	Dalsa Patel		
	120110111030	Dhrumil Vyas		
	130113111010	Rutvi Rabadia	Traffic Light Controller	
	130113111009	Rina patel		
	130113111002	Prayagraj M Dave	Serial-Parallel conv.	
	130113111003	Shubham Jethwa		
	130113111001	Jolly chudasama	Edge detector	
	120114111002	Rashmi Rujaneq		
(1)	120111 037	Patel Ashvin R.	Adder/sub.	
	130113111007	Bhavin patel		
	120110111023	Jaydeep Shah	Johnson Counter	
	120110111028	Tilak Patel		
	120110111031	Sonya Engineer		
	120110111005	Sangvi Vidhi	Ring Counter	
	120110111006	Pandya Vidhi		
	120110111010	Kalyani		
	120110111013	Nadia Soumya		

(Deepak Parashar)

Date: 16/04/2015

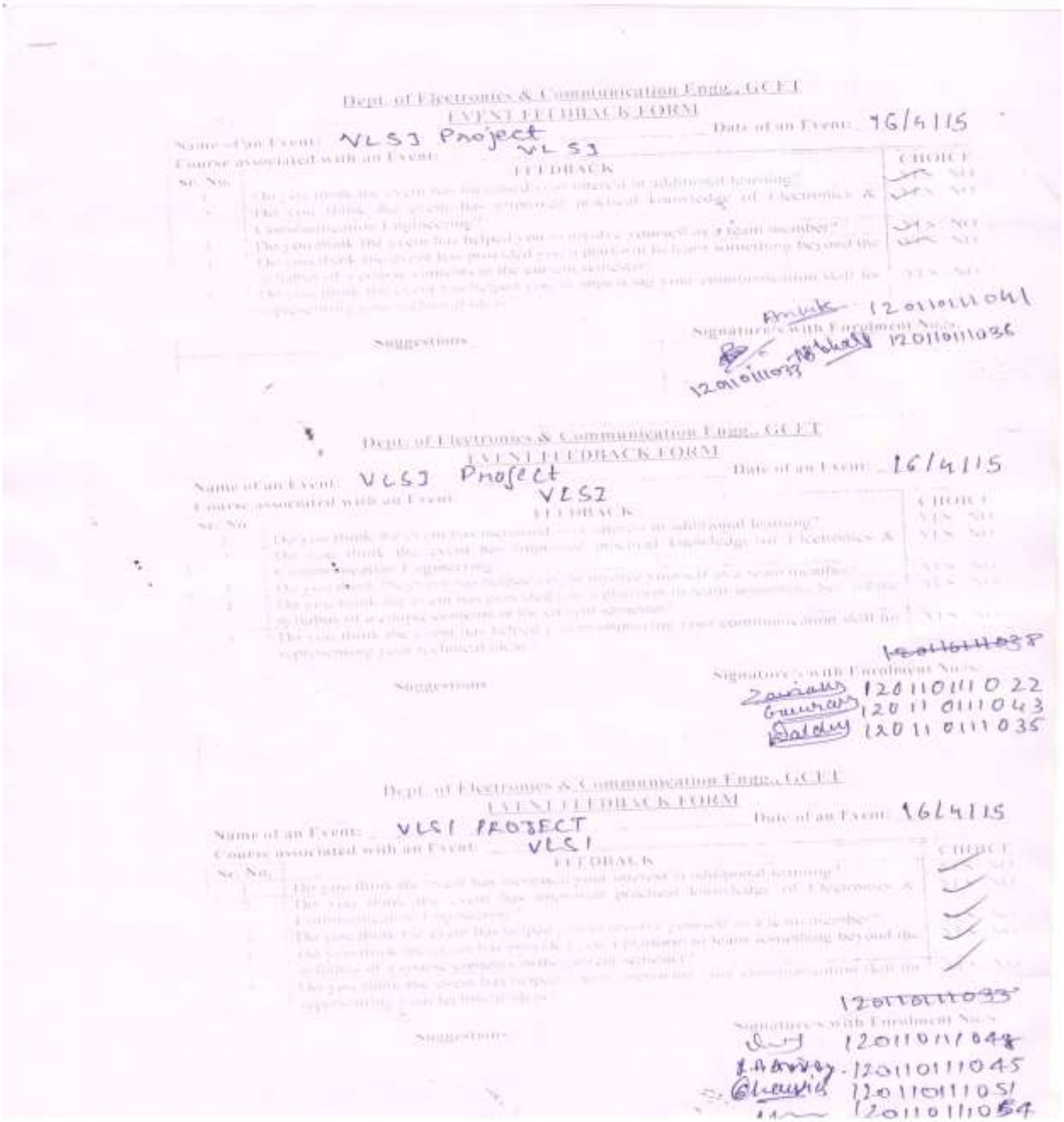
Attendance Sheet

MINI PROJECT DEMONSTRATION/COMPETITION ON 'VLSI DESIGN'

SR. NO	EN. NO.	NAME OF THE STUDENT'S	TITLE OF THE PROJECT	SIGN
1.	120110111056	Jessica Desai	Full Subtractor	
	60	Radhika Patel		
	44	Astha Adarsh		
	120110111033	Bhavini majethia	Edge detector	
	120110111038	Nidhi Brahmbhatt		
	120110111041	Ankita mistry		
	130113111005	Kamdarwala Ayansh	Digital clock	
	130113111006	Kanksing Parmar		
	120110111039	Prasanshi Oza		
	120110111028	Zeinab Ravat	Binary down counter	
	35	Gaurav Balani		
	43	Dhanvi Faldu		
	120110111053	Shivangi Patel	ALU using case condition	
	49	Tejal Patel		
	52	Shiza Vhora		

(Deepak Parashar)

Event Feedback given by students



Dept. of Electronics & Communication Engg., GCET

EVENT FEEDBACK FORM

Name of an Event: VLSI Project — Date of an Event: 16/4/15

Course associated with an Event: VLSI

Sr. No.	FEEDBACK	CHOICE
1	Do you think the event has increased your interest in additional learning?	YES / NO
2	Do you think the event has improved practical knowledge of Electronics & Communication Engineering?	YES / NO
3	Do you think the event has helped you to involve yourself as a team member?	YES / NO
4	Do you think the event has provided you a platform to learn something beyond the syllabus of a course/s covered in the curriculum?	YES / NO
5	Do you think the event has helped you to improve your communication skill for representing your technical ideas?	YES / NO

Suggestions:

Signatures with Enrollment Nos.:
Ankit 120110111041
120110111033
120110111036

Dept. of Electronics & Communication Engg., GCET

EVENT FEEDBACK FORM

Name of an Event: VLSI Project — Date of an Event: 16/4/15

Course associated with an Event: VLSI

Sr. No.	FEEDBACK	CHOICE
1	Do you think the event has increased your interest in additional learning?	YES / NO
2	Do you think the event has improved practical knowledge of Electronics & Communication Engineering?	YES / NO
3	Do you think the event has helped you to involve yourself as a team member?	YES / NO
4	Do you think the event has provided you a platform to learn something beyond the syllabus of a course/s covered in the curriculum?	YES / NO
5	Do you think the event has helped you to improve your communication skill for representing your technical ideas?	YES / NO

Suggestions:

Signatures with Enrollment Nos.:
120110111038
120110111022
120111011043
120111011035

Dept. of Electronics & Communication Engg., GCET

EVENT FEEDBACK FORM

Name of an Event: VLSI PROJECT — Date of an Event: 16/4/15

Course associated with an Event: VLSI

Sr. No.	FEEDBACK	CHOICE
1	Do you think the event has increased your interest in additional learning?	✓
2	Do you think the event has improved practical knowledge of Electronics & Communication Engineering?	✓
3	Do you think the event has helped you to involve yourself as a team member?	✓
4	Do you think the event has provided you a platform to learn something beyond the syllabus of a course/s covered in the curriculum?	✓
5	Do you think the event has helped you to improve your communication skill for representing your technical ideas?	✓

Suggestions:

Signatures with Enrollment Nos.:
120110111033
120110111048
120110111045
120110111051
120110111054

Dept. of Electronics & Communication Engg., GCET

EVENT FEEDBACK FORM

Name of an Event:

Date of an Event: 16/4/15.

Course associated with an Event: VLSI

Sr. No.	FEEDBACK	CHOICE
1	Do you think the event has increased your interest in additional learning?	YES NO
2	Do you think the event has improved practical knowledge of Electronics & Communication Engineering?	YES NO
3	Do you think the event has helped you to involve yourself as a team member?	YES NO
4	Do you think the event has provided you a platform to learn something beyond the syllabus of a course contents in the current semester?	YES NO
5	Do you think the event has helped you in improving your communication skill for expressing your technical views?	YES NO

Suggestions

Signatures with Enrolment Nos.

120110111005

006

010

013

Dept. of Electronics & Communication Engg., GCET

EVENT FEEDBACK FORM

Name of an Event:

Date of an Event: 16/4/15

Course associated with an Event: VLSI

Sr. No.	FEEDBACK	CHOICE
1	Do you think the event has increased your interest in additional learning?	YES NO
2	Do you think the event has improved practical knowledge of Electronics & Communication Engineering?	YES NO
3	Do you think the event has helped you to involve yourself as a team member?	YES NO
4	Do you think the event has provided you a platform to learn something beyond the syllabus of a course contents in the current semester?	YES NO
5	Do you think the event has helped you in improving your communication skill for expressing your technical views?	YES NO

Suggestions

Traffic light control

Signatures with Enrolment Nos.

130113111010

130113111009

16/4/ VLSI

Dept. of Electronics & Communication Engg., GCET

EVENT FEEDBACK FORM

Name of an Event: ALU

Course associated with an Event:

Signatures with Enrolment Nos.

120110111053

120110111049

120110111052

Sr. No.	FEEDBACK	CHOICE
1	Do you think the event has increased your interest in additional learning?	YES NO
2	Do you think the event has improved practical knowledge of Electronics & Communication Engineering?	YES NO
3	Do you think the event has helped you to involve yourself as a team member?	YES NO
4	Do you think the event has provided you a platform to learn something beyond the syllabus of a course contents in the current semester?	YES NO
5	Do you think the event has helped you in improving your communication skill for expressing your technical views?	YES NO

Suggestions

Signatures with Enrolment Nos.

Students Certificate's

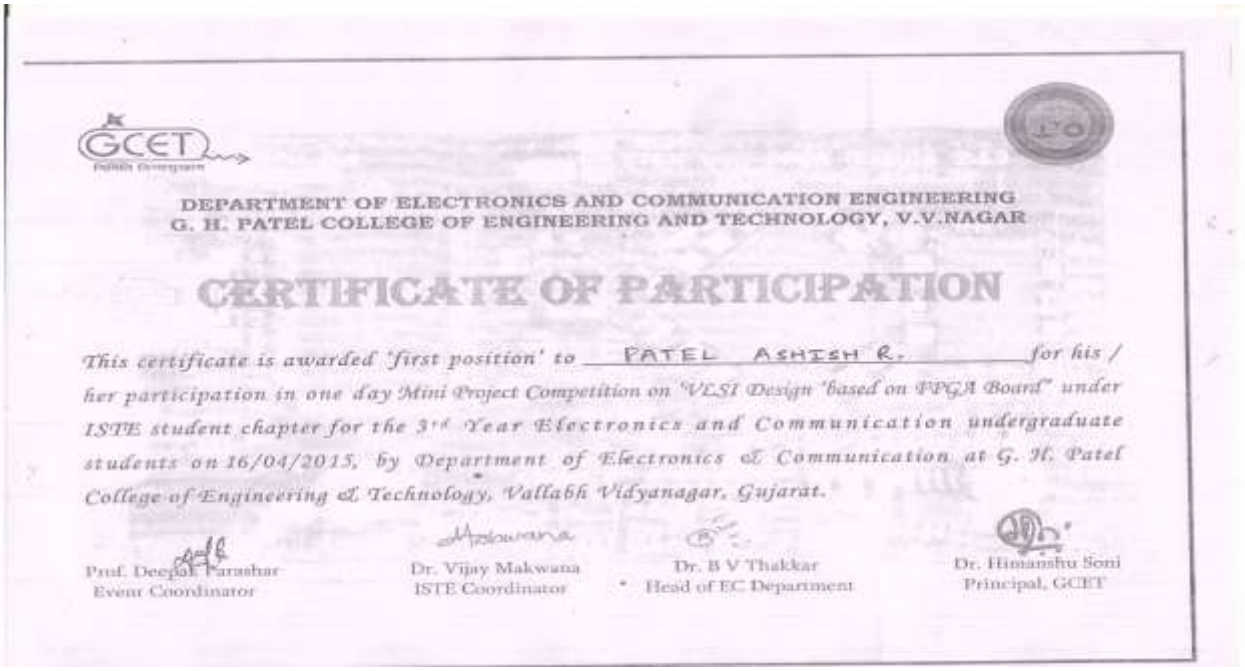
GCET

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
G. H. PATEL COLLEGE OF ENGINEERING AND TECHNOLOGY, V.V.NAGAR

CERTIFICATE OF PARTICIPATION

This certificate is awarded 'second position' to PATEL RUSHI N. *for his / her participation in one day Mini Project Competition on "VLSI Design 'based on FPGA Board" under ISTE student chapter for the 3rd Year Electronics and Communication undergraduate students on 16/04/2015, by Department of Electronics & Communication at G. H. Patel College of Engineering & Technology, Vallabh Vidyanagar, Gujarat.*

Prof. Deepak Parashar, Event Coordinator | Dr. Vijay Makwana, ISTE Coordinator | Dr. B V Thakkar, Head of EC Department | Dr. Himanshu Soni, Principal, GCET



GCET

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
G. H. PATEL COLLEGE OF ENGINEERING AND TECHNOLOGY, V.V.NAGAR

CERTIFICATE OF PARTICIPATION

This certificate is awarded 'first position' to PATEL ASHISH R. *for his / her participation in one day Mini Project Competition on "VLSI Design 'based on FPGA Board" under ISTE student chapter for the 3rd Year Electronics and Communication undergraduate students on 16/04/2015, by Department of Electronics & Communication at G. H. Patel College of Engineering & Technology, Vallabh Vidyanagar, Gujarat.*

Prof. Deepak Parashar, Event Coordinator | Dr. Vijay Makwana, ISTE Coordinator | Dr. B V Thakkar, Head of EC Department | Dr. Himanshu Soni, Principal, GCET

Event Photographs