



MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)
(An UGC Autonomous Institution, Affiliated to JNTUH, Hyderabad Accredited 2nd time by NAAC
with 'A' Grade & NBA and Recipient of World Bank Assistance under TEQIP--II S.C. 1.1)
Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad,
Telangana State – 500100
www.mrec.ac.in

Department of Electronics and Communication Engineering

CIRCULAR

Date: 04/06/2016

All the students are hereby informed that Value Added Course on “VLSI Semi Custom Design” on 20th to 24th, June 2016 is being organized by the Electronics and Communication Engineering department. The resource person for the course is “SHARATH KANTH, ENTUPLE TECHNOLOGIES PVT LTD, BANGALORE”.

Students are advised to register their names to the programme coordinator “Mrs C. Silpa”, on or before 17th June 2016 and utilize this opportunity to enhance their skills by attending the programme.

The detailed schedule of the programme will be displayed in the notice board.


Head of the Department

Copy to:

- 1) Circulation in Students classroom
- 2) All HOD's
- 3) Notice Boards
- 4) PA to principal for filing.


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Target Group:

The Workshop addresses various concepts related to engineering principles real life applications and the integration of different concepts. Students will be trained in designing and developing the applications, starting from the basics and implementing the applications. Ultimately, this will change the way students view the technology and what they can do with it.

Registration:

Details	Amount
Fee	free

Candidates can register by sending the Registration form attached to this brochure.

Transportation:

Participants can avail the Institute bus facility from Different locations of the twin cities.

Important Date:

Last Date for submission of Registration form by Post/email: 18th June 2016.

Registration form can be downloaded from:
www.mrec.ac.in

Address for Correspondence

Mrs C. Silpa,

Assoc. Professor, ECE Department
Malla Reddy Engineering College (Autonomous)
Maisammaguda, Dhulapally Post,
Via Kompally, Secunderabad-500100

Email: csilpa@mrec.ac.in
Phone: 9052595323

Organizing Committee

Chief Patron:

Sri Ch. Malla Reddy, MP
Founder Chairman, CMR Educational Society

Patrons:

Sri Ch. Mahender Reddy
Secretary, CMR Educational Society

Dr. Ch. Bhadra Reddy
Secretary, MRIMS

Co-Patron:

Dr. S. Sudhakara Reddy, Principal, MREC (A)

Convener

Mrs P S Indrani, Professor & Head, ECE dept.

Co-Ordinators

Mrs C. Silpa, Assoc. Professor, ECE:
Dr. A .Pradeep Kumar Assoc. Professor, ECE

Co-Coordiators:

Mrs P. Sowjanya, Assoc. Professor, ECE
Mrs G.B. Subhashini, Assoc. Professor, ECE

Members:

K Rajendra Prasad, Professor, ECE
Dr G S K Gayatri Devi, Assoc. Professor, ECE Dept
N.Pandu Ranga Reddy, Assoc. Professor, ECE
Dr A Pradeep Kumar Assoc. Professor, ECE
Dr .T.Srinivas Reddy, Assoc. Professor, ECE
Mrs P. Sowjanya, Assoc. Professor, ECE
Mr.CH.Bhanu Prakash, Assoc. Professor, ECE

One week Work shop
On

" VLSI Semi Custom Design "

From 20th to 24th June 2016



Coordinator
Mrs C. Silpa,
Assoc. Professor, ECE

Convener
Mrs P S Indrani
Professor & Head, ECE Department



Organized by
**Department of Electronics and
Communication Engineering (ECE)**

Malla Reddy Engineering College
(Autonomous)
Maisammaguda, Secunderabad – 500 100
Phone: 040-65864982, 040-64634234.
Fax: 040-23090485

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The MREC:

Malla Reddy Engineering College, Hyderabad, is the flagship Institution that was established in the year 2002 by CMR Education Society under the Chairmanship of Sri Ch. Malla Reddy, M.P., with the approval of AICTE and affiliated to JNTUH. The College is situated in the serene, lush green atmosphere on the Kompally - Bahadurpally road, opposite to A.P. Forest Academy. The college offers B.Tech. Courses in Civil, Mechanical, Mining, EEE, ECE, CSE and IT. It also offers 9 M.Tech courses and MBA. All the courses of B.Tech. have been accredited by NBA. The Institute is also accredited by NAAC with 'A' Grade in 2010. And re-accredited by NAAC with 'A' grade in 2015. The institution achieved autonomous status under JNTUH from 2011 and also conferment of autonomous status by UGC from 2014 for a period of 6 years and Recipient of world bank assistance under TEQIP-II S.C-1.1. The institute has quality infrastructure and well equipped laboratories. It is organizing National level Conferences, Faculty Development Programmes, Workshops and Seminars on Advanced Technical topics for the benefit of faculty and students.

The Department:

The Department of Electronics and Communication Engineering established in the year 2002 and accredited by NBA in the year 2008 and 2014. It is supported by 36 teaching faculty members with M.Tech/M.E. and PhD's. Many of them have experience in academic, industrial and R&D too. The department has sophisticated laboratories to cater the needs of not only curriculum but also for present day needs. The department offers three M.Tech courses like DSCE, VLSI system design and Embedded Systems. The alumni graduated with 95% results and well settled in Multi National Companies. A hand on practical training/internship is provided to students during semester break. The Department has an MOU with many leading companies.

About Workshop

An integrated circuit is broadly defined as a very-large-scale integration of electronic components to realize a function as part of the system. ICs are at the heart of the rapid developments in mobile telecommunications, multimedia, the internet and numerous other applications.

IC design can be divided into the broad categories of digital, analog and mixed signal IC design. In a Mixed Signal IC design, typically Digital and analog functions are put together on the same silicon substrate. Modern ICs are enormously complicated. With the advances in technology, there has been tremendous demand on developing fast and energy efficient ICs suiting the state-of-the-art applications of industry. This faculty development program intends to bring the leading academicians to exchange knowledge on recent innovations and insights in various fields of VLSI design. The workshop is designed to address both analog and digital design aspects.

Major Course Contents:

- Overview of IC Design
- Aspects of IC Design
- Introduction and Device Characteristics
- Analog IC Design
- Digital IC Design
- Semicustom IC Design/PLD
- Introduction to EDA tool
- Op Amp Design and Compensation
- VLSI Signal Processing
- VLSI Communication System Design
- Mixed Signal Design/RF IC Design
- FDGA/VHDL

One week Work shop
On

" VLSI Semi Custom Design "
From 20th to 24th June 2016
REGISTRATION FORM

1. Name:
2. Name of the Organization/College:
3. Mailing Address:
4. Telephone: Off:
Resi:
6. E-mail:

Signature of the Applicant

Sponsorship Certificate

Dr/Mr./Ms.....is sponsored for attending the two day Workshop on "VLSI Semi Custom Design" at MREC From 20th to 24th June 2016

Date:

Signature of the Principal
with Office Seal

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MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

List of Students Registered for Value Added Course

2016-17

S.No	Branch	Roll Number	Student Name	Year/ Sem	Value Added Course	DATE OF INTRODUC TION	DATE OF COMPLETIO N
1	ECE	13J41A0416	GOLLA ANURADHA	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
2	ECE	13J41A0419	JAJULA SAIRAM	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
3	ECE	13J41A0421	K MAHENDRA	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
4	ECE	13J41A0431	MD RAHEELUDDIN	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
5	ECE	13J41A0433	MOHAMMED AMIR	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
6	ECE	13J41A0436	SRIKANTH.ODETI	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
7	ECE	13J41A0437	PADIGELA SAIKIRAN	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
8	ECE	13J41A0440	R SAI PRIYANKA	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
9	ECE	13J41A0446	SHAIK.SHARUF	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
10	ECE	13J41A0449	THOUTIREDDYSRINIJA	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
11	ECE	13J41A0452	U.PRAMODH KUMAR	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
12	ECE	13J41A0454	V BHARANI REDDY	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
13	ECE	13J41A0455	V.L.NKITHA	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
14	ECE	13J41A0457	VEERAGONI VENU	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
15	ECE	13J41A0459	Y GANGADHAR	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016

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16	ECE	13J41A0460	KONDRA RAJU	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
17	ECE	14J45A0411	JADALA THARUN	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
18	ECE	13J41A0461	ADI LENIN JAIDEEP	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
19	ECE	13J41A0463	A JOHN VINEETH	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
20	ECE	13J41A0465	B.DAMODHAR	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
21	ECE	13J41A0472	G CHANDRAKANTH	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
22	ECE	13J41A0474	GAJULAVAMSHI	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
23	ECE	13J41A0475	G.SAI TARUN	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
24	ECE	13J41A0479	K JUNIPER SARDONYX	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
25	ECE	13J41A0480	K MOUNIKA	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
26	ECE	13J41A0482	KADUDULA SAIKIRAN	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
27	ECE	13J41A0485	KOMMUKURI.SABITHA	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
28	ECE	13J41A0492	MACHNOORI BHAVANI	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
29	ECE	13J41A0495	MOLLI APPANNA	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
30	ECE	13J41A04A3	PILLI SANDEEP	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
31	ECE	13J41A04B2	SANAPALA SAILAJA	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
32	ECE	13J41A04B9	Y.HARIKA REDDY	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
33	ECE	13J41A04C2	SRINIVAS ALISHETTI	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
34	ECE	13J41A04C5	ARE SAITHARUN	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
35	ECE	13J41A04D8	GIA ANTONY	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016

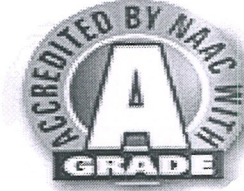
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Jnd

36	ECE	13J41A04E3	K SOM SAI	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
37	ECE	13J41A04F3	N.SHARANYA	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
38	ECE	13J41A04F4	NALLA MANIKANTA	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
39	ECE	13J41A04G1	R YAMINI	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
40	ECE	13J41A04G2	RISHABH G R	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
41	ECE	13J41A04H0	SUTHARI VAMSHISAI	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
42	ECE	14J45A0429	KOTTURI SUPRIYA	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
43	ECE	14J45A0433	RAMA YASWANTH.T	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016
44	ECE	14J45A0434	K.MOUNIKA	IV/I	VLSI Semi Custom Design	20.06.2016	24.06.2016


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Certificate of Completion

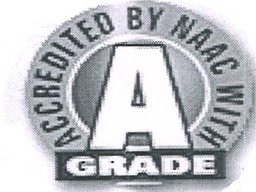
This is to certify that Mrs./Ms./Mr GOLLA ANURADHA bearing Roll Number 13J41A0416 has successfully completed Value added Course in “VLSI Semi Custom Design” Organized by the Department of Electronics and Communication Engineering from 20.06.2016 to 24.06.2016

Coordinator



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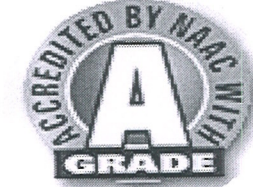
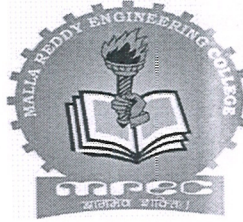
This is to certify that Mrs./Ms./Mr JAJULA SAIRAM bearing Roll Number 13J41A0419 has successfully completed Value added Course in "VLSI Semi Custom Design" Organized by the Department of Electronics and Communication Engineering from 20.06.2016 to 24.06.2016

Coordinator



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This is to certify that Mrs./Ms./Mr K MAHENDRA bearing Roll Number 13J41A0421 has successfully completed Value added Course in "VLSI Semi Custom Design" Organized by the Department of Electronics and Communication Engineering from 20.06.2016 to 24.06.2016

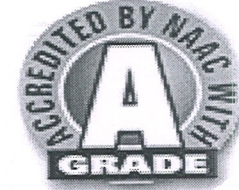
Coordinator



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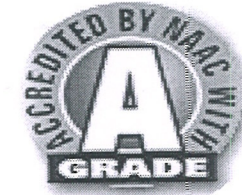
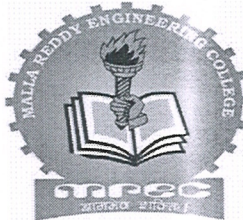
This is to certify that Mrs./Ms./Mr MD RAHEELUDDIN bearing Roll Number 13J41A0431 has successfully completed Value added Course in "VLSI Semi Custom Design" Organized by the Department of Electronics and Communication Engineering from 20.06.2016 to 24.06.2016

Coordinator



Raveend

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This is to certify that Mrs./Ms./Mr MOHAMMED AMIR bearing Roll Number 13J41A0433 has successfully completed Value added Course in "VLSI Semi Custom Design" Organized by the Department of Electronics and Communication Engineering from 20.06.2016 to 24.06.2016

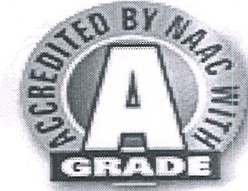
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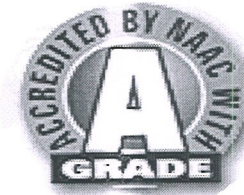
This is to certify that Mrs./Ms./Mr SRIKANTH.ODETI bearing Roll Number 13J41A0436 has successfully completed Value added Course in “ VLSI Semi Custom Design” Organized by the Department of Electronics and Communication Engineering from 20.06.2016 to 24.06.2016

Coordinator



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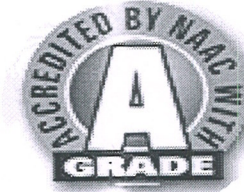
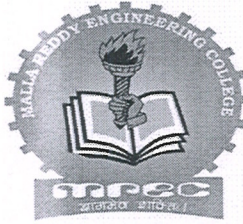
*This is to certify that Mrs./Ms./Mr PADIGELA SAIKIRAN bearing Roll Number 13J41A0437 has successfully completed Value added Course in “ **VLSI Semi Custom Design**” Organized by the Department of Electronics and Communication Engineering from 20.06.2016 to 24.06.2016*

Coordinator



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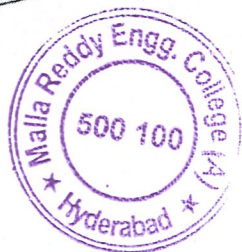
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This is to certify that Mrs./Ms./Mr R SAI PRIYANKA bearing Roll Number 13J41A0440 has successfully completed Value added Course in "VLSI Semi Custom Design" Organized by the Department of Electronics and Communication Engineering from 20.06.2016 to 24.06.2016

Coordinator



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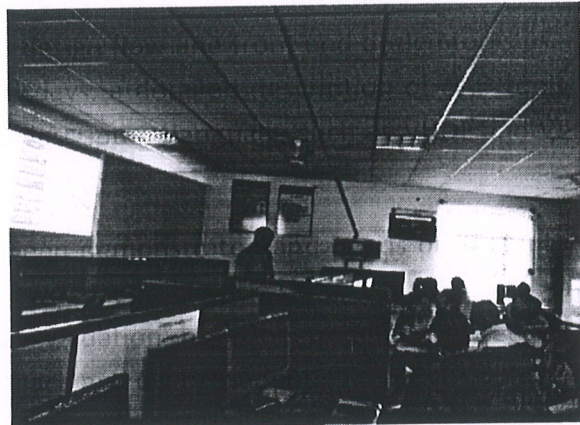
REPORT ON ONE WEEK WORKSHOP ON "VLSI Semi Custom Design"

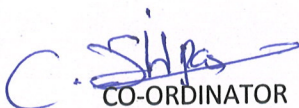
The department of ECE has organized one week work shop on "VLSI Semi Custom Design" during 18th June 2018 to 23rd June 2016 at VLSI lab in ECE department from 9.30 A.M to 4.30 P.M. The department has invited the resource persons from M/s Vedic school of VLSI Design, Hyderabad.

During the first day, introduction to EDA's, VLSI design flow and front end design tools used for VLSI have been discussed. During the next two days, a detailed description of CAD tools was given with a practical approach. The hardware description language such as VHDL and Verilog are discussed in detail.

On next day, timing analysis and layout have been demonstrated and hands on training have been given to all the students. During last two days of work shop, schematic to layout conversion, DRC checking and final product evaluation have been demonstrated by the resource persons and personally carried out by each and every student.

At an about 35 students of final year ECE have attended and interacted with the resource persons. This work shop was coordinated by N.Pandu Ranga Reddy, Mr.T.Surender Reddy and Mr.V.Srinivas.




CO-ORDINATOR


HEAD, ECE DEPARTMENT


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