



**MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**  
(An UGC Autonomous Institution, Affiliated to JNTUH, Hyderabad Accredited 2<sup>nd</sup> 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: 18/11/2015

All the students are hereby informed that Value Added Course on “**Embedded System Design using Arm 7 & Raspberry Pi**” on 30<sup>th</sup> November to 05<sup>th</sup> December, 2015 is being organized by the Electronics and Communication Engineering department. The resource person for the course is “**RAVIKUMAR, VEM TECHNOLOGIES PVT LTD, HYDERABAD**”.


Students are advised to register their names to the programme coordinator “**SK. JAKEER HUSSAIN**”, on or before 27<sup>th</sup> November 2015 and utilize this opportunity to enhance their skills by attending the program.

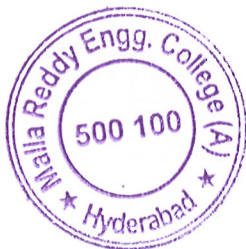
The detailed schedule of the programme will be displayed in the notice board.

  
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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Malla Reddy Engineering College  
(Autonomous)  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500 100



### 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	1000/-

Candidates can register by sending the Registration form attached to this brochure along with a Registration fee in the form of DD drawn in favor of "Principal, MREC (Autonomous)" payable at Hyderabad.

### 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: 28<sup>th</sup> November 2015.

Registration form can be downloaded from:  
[www.mrec.ac.in](http://www.mrec.ac.in)

### Address for Correspondence

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

Email: [surender@mrec.ac.in](mailto:surender@mrec.ac.in)  
Phone: 9985019031

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### 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:

**Dr. M. J. C. Prasad**, Professor & Head, ECE Dept.

#### Co-Ordinators:

**Mr. Shaik Jakeer Hussain**, Assoc. Professor, ECE

**Mr. B. Srinivas**, Assoc. Professor, ECE

#### Co-Coordiators:

**Mr. T. Surender Reddy**, Assoc. Professor, ECE

**Mr. T. Ravi Theja**, Asst. Professor, ECE

#### Members:

**Dr. Kesavan Gopal**, Professor, ECE

**Dr. M. Kavicharan**, Assoc. Professor, ECE Dept

**Mr. P. Ashok Babu**, Assoc. Professor, ECE

**Mrs P. S. Indrani**, Assoc. Professor, ECE Dept.

**Mrs C. Silpa**, Assoc. Professor, ECE

**Mrs P. Sowjanya**, Assoc. Professor, ECE

**Mrs G.B. Subhashini**, Assoc. Professor, ECE

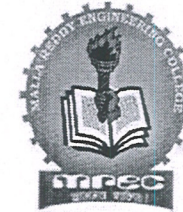
**Mr. CH. Bhanu Prakash**, Assoc. Professor, ECE

**Mr. T. Srinivas Reddy**, Assoc. Professor, ECE

**Mr. D. Praveen Kumar**, Assoc. Professor, ECE

### One Week Workshop On "Embedded System design Using ARM7 & Raspberry pi"

From 30/11/2015 to 05/12/2015



Coordinator

**Mr. Shaik Jakeer Hussain**

Assoc. Professor, ECE Department

Convener

**Dr. M. J. C. PRASAD**

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

### 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 43 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.

### Workshop Theme:

In advancement of Technology in Embedded Systems, for implementing high end applications in a simple and fast manner, one should adapt new emerging advanced technology boards and its applications.

With ARM7 processor, one can perform applications simpler than 8051 MC. Raspberry Pi is credit card sized computer with all interface ports like Ethernet, VGA, Audio and serial port. With Raspberry Pi, one can easily develop complicated applications.

### Topics:

- Introduction to Microprocessors & Microcontrollers
- Architecture of LPC2148 Controller.
- ARM Interfacing with Switches and LED, IR and LDR Sensors, Relay, LCD, Serial Communication, Bluetooth and RFID
- Introduction to Raspberry Pi
- Linux Operating System and Linux commands
- Python Language and Basic Programs
- Raspberry Pi Interfacing with LCD, GPS, RFID, Relay and LDR
- Installing Web-server in Pi
- Controlling Lights/devices through Web-Page
- Open CV with Raspberry pi

### Resource Person:

Mr. SOURABH JOSHI, RF Engineer at VEM Technologies  
Mr. SRINIVASA RAO, RF Engineer at VEM Technologies  
Ms. B. VIJAYA LAKSHMI, Vignan University, Guntur.

### Venue:

e-class room, ECE Department.

## One Week Workshop On "Embedded System Design Using ARM7 & Raspberry pi"

From 30/11/2015 to 05/12/2015

### REGISTRATION FORM

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

DD No. \_\_\_\_\_ Drawn on \_\_\_\_\_ dt. \_\_\_\_\_

Signature of the Applicant

### Sponsorship Certificate

Dr/Mr./Ms.....is sponsored for attending the One Week Workshop on "Embedded System Design Using ARM7 & Raspberry Pi" at MREC from 30<sup>th</sup> November to 5<sup>th</sup> December 2015.

Date:

Signature of the Principal  
with Office Seal

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# MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

List of Students Registered for Value Added Course

**2015-16**

S.No	Branch	Roll Number	Student Name	Year/ Sem	Value Added Course	DATE OF INTRODUCTION	DATE OF COMPLETION
1	ECE	12J41A0402	ADDU JAMES STEEVEN	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
2	ECE	12J41A0404	AERUPULA SRIKANTH	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
3	ECE	12J41A0405	AKKALA CHANDRA SHEKAR GOUD	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
4	ECE	12J41A0406	AKKARAPU PRIYANKA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
5	ECE	12J41A0407	BADDAM RAJASHEKAR REDDY	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
6	ECE	12J41A0411	CHEEKATI SRI LAKSHMI DURGA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
7	ECE	12J41A0412	CHENNAREDDY SURYA PRAKASH REDDY	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
8	ECE	12J41A0413	CHILLAGUNDALA BABY LAXMI NAVYATHA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
9	ECE	12J41A0414	CHINTAPALLY BHARATH CHANDRA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
10	ECE	12J41A0415	CHITTINENI SURYA PRAKASH	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
11	ECE	12J41A0419	D ARAVIND	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
12	ECE	12J41A0420	DONGA RAHUL KUMAR	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
13	ECE	12J41A0421	DURGAM RAVITEJA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
14	ECE	12J41A0422	GOURAV KUMAR PAL	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015





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15	ECE	12J41A0423	GOURAV SINGH SOLANKI	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
16	ECE	12J41A0426	HIMANSHU VERMA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
17	ECE	12J41A0427	J AKHILA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
18	ECE	12J41A0428	JONNALA GADDA BHAGAT	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
19	ECE	12J41A0429	K MAHABUB BASHA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
20	ECE	12J41A0430	K SWAMY	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
21	ECE	12J41A0435	KUNDARAPU VENKATA KRISHNA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
22	ECE	12J41A0436	KURAPATI DEENA DEEPTHI SREE	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
23	ECE	12J41A0437	M S SHINY SUPRIYA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
24	ECE	12J41A0438	M SIREESHA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
25	ECE	12J41A0439	MARUPAKA HARSHITHA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
26	ECE	12J41A0443	MUDDASANI JYOTHI	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
27	ECE	12J41A0444	MUSHYAM PRUDHVI RAJ	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
28	ECE	12J41A0445	N SANDEEP	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
29	ECE	12J41A0446	N CHAITANYA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
30	ECE	12J41A0447	POLAVENI RAMESH	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
31	ECE	12J41A0452	SANABOINA VINOD KUMAR	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
32	ECE	12J41A0453	SHANIGARAPU SNEHA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015


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33	ECE	12J41A0454	SIRIGIRI CHAITANYA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
34	ECE	12J41A0455	THODUPUNOORI NAGASUBRAMANYAM	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
35	ECE	12J41A0456	TRIPTI RANJAN	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
36	ECE	12J41A0459	VATVATE NIKETAN MALLIKARJUN	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
37	ECE	12J41A0460	Y LAKSHMI SUVARCHLA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
38	ECE	13J45A0401	SUNKAM VENKATESH	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
39	ECE	13J45A0402	MAHAMMOD YOUSUF	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
40	ECE	13J45A0403	MAHESHWAR PRANEETH SINGH	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
41	ECE	13J45A0407	BHUKYA NAVEEN	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
42	ECE	13J45A0408	BITUKOORI SRIKANTH	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
43	ECE	13J45A0409	BURRI OBULESU	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
44	ECE	13J45A0410	CHUKKALA SHIVA KRISHNA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
45	ECE	13J45A0411	BATHINI MANIDEEP	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
46	ECE	12J41A0463	B KISHORE	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
47	ECE	12J41A0464	B. SHIRISHA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
48	ECE	12J41A0465	BOINI DILEEP YADAV	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
49	ECE	12J41A0466	CHETAN GIHANI	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
50	ECE	12J41A0467	CHIGURU KRANTHI KUMAR	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015

  
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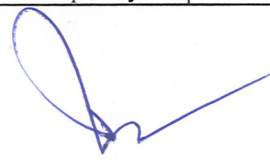
51	ECE	12J41A0471	ELLABOYINA CHAITANYA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
52	ECE	12J41A0472	EPURI SAI CHANDRIKA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
53	ECE	12J41A0473	GANGARAPU GEETHIKA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
54	ECE	12J41A0474	GARUDAPPAGARI CHETAN ANAND	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
55	ECE	12J41A0475	GINDI PRANATHI	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
56	ECE	12J41A0480	K SUMANTH KUMAR	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
57	ECE	12J41A0481	KANKANALA VANITHA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
58	ECE	12J41A0482	KOTI SRUTHI	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
59	ECE	12J41A0483	KUSHWAHA RAVI KIRAN	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
60	ECE	12J41A0484	LINGANNAGARI HARINDRA REDDY	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
61	ECE	12J41A0487	M SAI CHAND NAIK	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
62	ECE	12J41A0488	D VEERA PRATHAPA REDDY	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
63	ECE	12J41A0489	MAKIREDDY UDAYA BHARGAVA REDDY	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
64	ECE	12J41A0490	MALLEWALE SUDHIR SINGH	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
65	ECE	12J41A0491	MANCHALA MANOJ KUMAR	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
66	ECE	12J41A0495	P BINDU	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
67	ECE	12J41A0496	PENDYALA HARSHINI	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
68	ECE	12J41A0497	P MANASA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015

  
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69	ECE	12J41A0498	POLISETTI SRILAKSHMI DURGA PRAVEENA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
70	ECE	12J41A0499	R RAKESH RATHOD	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
71	ECE	12J41A04A2	ROUTHU BHUMESH	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
72	ECE	12J41A04A3	RUDHRARAJU PAVAN KUMAR	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
73	ECE	12J41A04A4	SAI BHASKER RAJU C	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
74	ECE	12J41A04A5	SANGATI MUKKESH REDDY	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
75	ECE	12J41A04A6	SHAIK IRFAN AHMED	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
76	ECE	12J41A04A9	THAMADA GAURAV	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
77	ECE	12J41A04B0	TRINAVO KRISHNA PAMU	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
78	ECE	12J41A04B1	V KALPANA NAIK	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
79	ECE	12J41A04B2	VADDIPARTHY NIKITA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
80	ECE	12J41A04B3	VAZZALA RAHUL SONA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
81	ECE	12J41A04B6	LAGISHETTY VISHAL	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
82	ECE	12J41A04B7	YERROJU ANIRUDH	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
83	ECE	12J41A04B8	Y VISSHNUVARDHAN RAJU KARNATAKAM	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
84	ECE	12J41A04B9	YEDLA SOUMYA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
85	ECE	12J41A04C0	YEMINEDI SAKETH	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
86	ECE	13J45A0415	M SHARATH CHANDRA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015

  
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87	ECE	13J45A0416	PITLA SRIVIDYA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
88	ECE	13J45A0417	TAMMALA JAYANTH	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
89	ECE	13J45A0418	VANGALA ROJA	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015
90	ECE	13J45A0420	LAKKIREDDY SURESHREDDY	IV/II	Embedded System Design using Arm7 & Raspberry Pi	30.11.2015	05.12.2015

  
HOD ECE

  
Principal

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(Autonomous)

Maisammaguda, Dhulapally (Post via Kompally), Secunderabad-500 100

(An Autonomous Institution approved by UGC and affiliated to JNTUH, Hyderabad, Approved by AICTE, India, Accredited by NAAC with 'A' Grade and NBA & Recipient of World Bank Assistance Under TEQIP Phase-II S.C. 1.1)

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

One Week Workshop(FDP)

On

“Embedded System Design Using ARM7 & Raspberry Pi”


UNDER TEQIP – II S.C-1.1

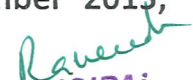
### Certificate

This is to certify that ~~Dr/Mr./Ms~~ Adde James Steven from Malla Reddy Engg college has participated in the One week FDP on “Embedded System Design Using ARM7 & Raspberry Pi” from 30<sup>th</sup> November to 5<sup>th</sup> December 2015, organized by the Department of Electronics & Communication Engineering.

  
Sourabh Mukand Joshi  
Chief Consultant  
RF Engineer at VEM Technologies

  
Mr. Shaik Jakeer Hussain  
Coordinator

  
Dr. M.J.C. Prasad  
Convener

  
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Principal

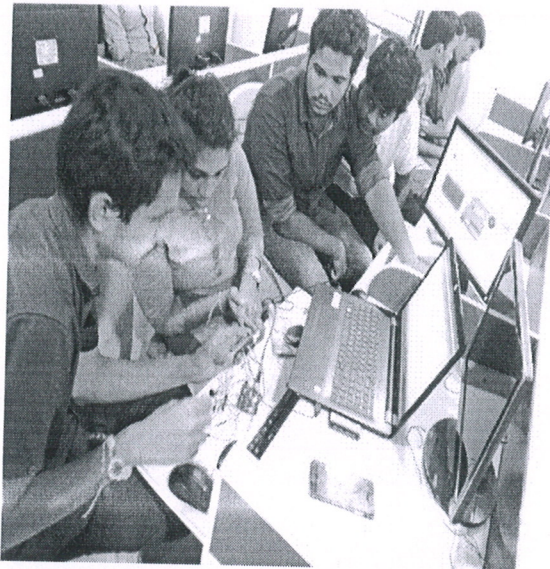
**REPORT ON ONE WEEK WORKSHOP ON**  
**“Embedded System Design Using ARM7 and Amp Raspberry Pi”**

The department of ECE has organized one week work shop on **“Embedded System Design Using ARM7 and Amp Raspberry Pi”** during **30.11.2015 to 05.12.2015** in ECE department from 9.30 A.M to 4.30 P.M.The department has invited the resource persons from M/s VEM Technologies Pvt.Ltd., Hyderabad.

During the workshop, introduction to embedded systems and programming of micro controllers have been discussed. During next days, a detailed description of Keil software was given with a practical approach. The programming languages such as C and embedded C are discussed in detail.

On next day, sensors used in security systems have been demonstrated and hands on training have been given to all the students. During the last two days, a few projects have been demonstrated by the resource persons and personally carried out by each and every student.

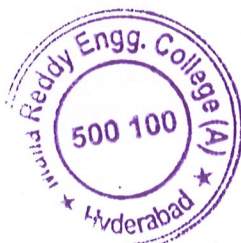
At an about 90 students of final year ECE have attended and interacted with the resource persons. This work shop was coordinated by N.Pandu Ranga Reddy, Mr.G.Prasanna kumar and Mrs.Kalpana.



  
CO-ORDINATOR

  
HEAD, ECE DEPARTMENT

  
PRINCIPAL



**PRINCIPAL**  
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