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: 29/07/2016

All the students are hereby informed that Value Added Course on **"Python Programming for Embedded Systems"** on **10th to 14th, August 2016** is being organized by the Electronics and Communication Engineering department. The resource person for the course is **"RAVIKUMAR,VEM TECHNOLIES PVT LTD,HYDERABAD"**.

Students are advised to register their names to the programme coordinator **"Dr .T.Srinivas Reddy"**, on or before **06thAugust 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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(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	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: 08 th August 2016.

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

Address for Correspondence

Dr .T.Srinivas Reddy

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

Email:srinivasreedy@mrec.ac.in
Phone: 9492571803

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
Dr .T.Srinivas Reddy, Assoc. Professor, ECE.
Dr. A .Pradeep Kumar Assoc. Professor, ECE

Co-Coordinators:
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
Mrs C Silpa, Assoc. Professor, ECE
Mrs P. Sowjanya, Assoc. Professor, ECE
Mr.CH.Bhanu Prakash, Assoc. Professor, ECE

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One week Work shop
On
"Python Programming for Embedded Systems"

From 10 th to 14 th August 2016

Coordinator
Dr .T.Srinivas Reddy
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

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.

Topics:

1. Programming Concepts:
2. Approach to learn any Programming Language
3. Python Programming
   - Intro to Python
   - Variables and Types
   - Numbers and Math
   - Input from users
   - Passing arguments
   - Indentation and Block of code
   - Functions, Parameters, Returns
   - Conditional statements - If elif else
   - Loops - For and While
4. Python Data Handling
   - Lists
   - Tuples
   - Dictionaries
   - Sets
   - Strings
   - File operations
   - Exception handling
   - Python Project

Resource Person:

M/S VEM Technologies Pvt Ltd,Hyderabad.

Venue:

e-class room, ECE Department.MREC (A)

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One week Work shop
On
"Python Programming for Embedded Systems"

From 10 th to 14 th August 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 "Python programming for embedded systems" at MREC From 10 th to 14 th August 2016

Date:

**Signature of the Principal
with Office Seal**

MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

List of Students Registered for Value Added Course

2016-17

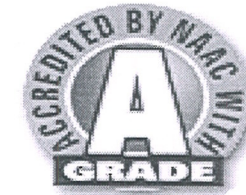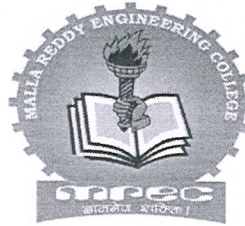| S.No	Branch	Roll Number	Student Name	Year/Sem	Value Added Course	DATE OF INTRODUCTION	DATE OF COMPLETION
1	ECE	14J41A0402	ADDLA CHANDRA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
2	ECE	14J41A0407	BAZARU VARSHA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
3	ECE	14J41A0411	C PRANAYA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
4	ECE	14J41A0413	G SHARATH	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
5	ECE	14J41A0421	J AJITH	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
6	ECE	14J41A0423	K SAI VIKAS	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
7	ECE	14J41A0424	KAKARLA BINDU	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
8	ECE	14J41A0425	KATIKI SAI KRISHNA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
9	ECE	14J41A0428	KONDUR ADARSH	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
10	ECE	14J41A0437	METTU PRIYANKA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
11	ECE	14J41A0450	SEEMA BEGUM	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
12	ECE	14J41A0451	SHAIK YOUNIS	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
13	ECE	14J41A0452	T JYOTHI PRIYA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
14	ECE	14J41A0453	T SAI KUMAR	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
15	ECE	14J41A0460	YAMINI GAJULA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
16	ECE	14J41A0465	ASAM SHRAVYA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
17	ECE	14J41A0467	CH RAJESH	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
18	ECE	14J41A0468	CH SATHVIK	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
19	ECE	14J41A0474	G PUNEETH RAO	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
20	ECE	14J41A0475	GAJJELA CHITRA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
21	ECE	14J41A0476	GOLLA KEERTHI	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
22	ECE	14J41A0479	K REVANTH	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
23	ECE	14J41A0480	K SAI KAMAL	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
24	ECE	14J41A0487	MADHA RENUKA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016

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25	ECE	14J41A0489	MEDISHETTI RAMESH	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
26	ECE	14J41A0490	MOHAMMED HABEED	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
27	ECE	14J41A0494	MOTHE SRINATH	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
28	ECE	14J41A0495	MUTLURI EMMANUEL	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
29	ECE	14J41A04C1	A LIKITHA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
30	ECE	14J41A04D2	D PRASHANTH	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
31	ECE	14J41A04D3	D SHIVA KRISHNA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
32	ECE	14J41A04D4	D SHIVA KUMAR	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
33	ECE	14J41A04E3	K BALA KRISHNA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
34	ECE	14J41A04E4	K BHUVAN	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
35	ECE	14J41A04G6	R S PRAVALLIKA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
36	ECE	14J41A04G7	R VIVEK	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
37	ECE	15J45A0401	A PAVANI	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
38	ECE	15J45A0410	G SAI KIRAN	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
39	ECE	15J45A0414	JATOTH BHEEM SINGH	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
40	ECE	15J45A0415	KANNAIAH SAIKUMAR	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
41	ECE	15J45A0419	M AKSHAY KUMAR	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
42	ECE	15J45A0426	S SURYA TEJA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
43	ECE	15J45A0427	SIRIGADE ANITHA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
44	ECE	15J45A0430	MD MOIZ	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
45	ECE	15J45A0431	NUTENKI SAITEJA	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
46	ECE	15J45A0432	BURRA AJAY	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
47	ECE	15J45A0433	K NIKHIL BHARADWAJ	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016
48	ECE	13J41A0428	L PRAVEEN KUMAR	III/I	Python Programming for Embedded Systems	10.08.2016	14.08.2016

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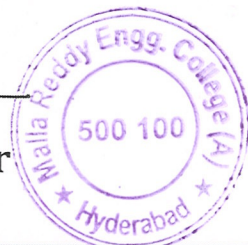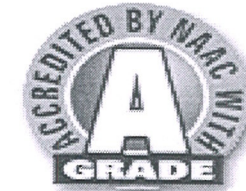NAAC with 'A" Grade and NBA & Recipient of World Bank Assistance Under TEQIP Phase-II S.C. 1.1)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Certificate of Completion

This is to certify that Mrs./Ms./Mr ADDLA CHANDRA bearing Roll Number
14J41A0402 has successfully completed Value added Course in " **Python Programming for
Embedded Systems** " Organized by the Department of Electronics and Communication
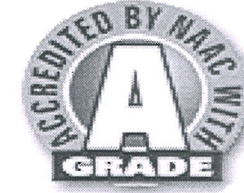Engineering from 10.08.2016 to 14.08.2016

Coordinator

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Certificate of Completion

This is to certify that Mrs./Ms./Mr BAZARU VARSHA *bearing Roll Number* 14J41A0407 *has successfully completed Value added Course in* "**Python Programming for Embedded Systems**" *Organized by the Department of Electronics and Communication Engineering from* 10.08.2016 *to* 14.08.2016
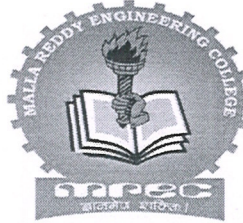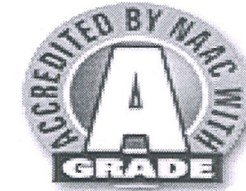
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Certificate of Completion

This is to certify that Mrs./Ms./Mr C PRANAYA *bearing Roll Number* 14J41A0411 *has successfully completed Value added Course in* " **Python Programming for Embedded Systems** " *Organized by the Department of Electronics and Communication Engineering from* 10.08.2016 to 14.08.2016

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This is to certify that Mrs./Ms./Mr G SHARATH *bearing Roll Number* 14J41A0413 *has successfully completed Value added Course in* " **Python Programming for Embedded Systems** " *Organized by the Department of Electronics and Communication Engineering from* 10.08.2016 to 14.08.2016
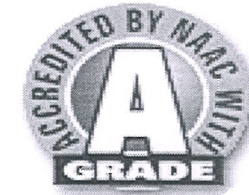
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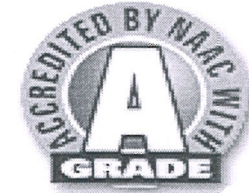
Certificate of Completion

This is to certify that Mrs./Ms./Mr J AJITH bearing Roll Number 14J41A0421 has successfully completed Value added Course in "**Python Programming for Embedded Systems**" Organized by the Department of Electronics and Communication Engineering from 10.08.2016 to 14.08.2016

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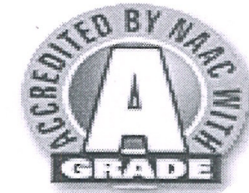
Certificate of Completion

This is to certify that Mrs./Ms./Mr K SAI VIKAS bearing Roll Number 14J41A0423
has successfully completed Value added Course in " **Python Programming for Embedded
Systems** " Organized by the Department of Electronics and Communication Engineering from
10.08.2016 to 14.08.2016

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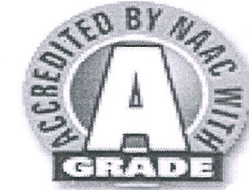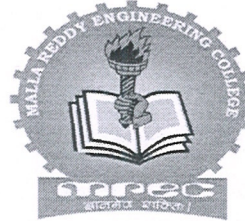
Certificate of Completion

This is to certify that Mrs./Ms./Mr KAKARLA BINDU bearing Roll Number 14J41A0424 has successfully completed Value added Course in "**Python Programming for Embedded Systems**" Organized by the Department of Electronics and Communication Engineering from **10.08.2016 to 14.08.2016**
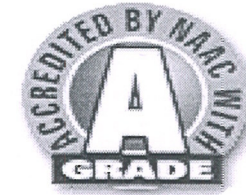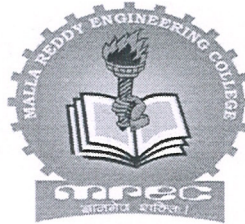
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Certificate of Completion

This is to certify that Mrs./Ms./Mr KATIKI SAI KRISHNA *bearing Roll Number* 14J41A0425 *has successfully completed Value added Course in* "**Python Programming for Embedded Systems**" *Organized by the Department of Electronics and Communication Engineering from* 10.08.2016 to 14.08.2016

Coordinator

500 100

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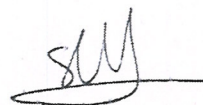# MALLA REDDY ENGINEERING COLLEGE

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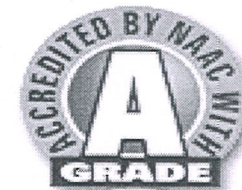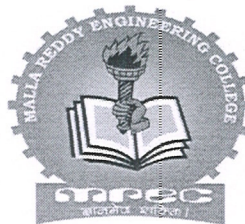
Certificate of Completion

This is to certify that Mrs./Ms./Mr KONDUR ADARSH *bearing Roll Number* 14J41A0428 *has successfully completed Value added Course in* "**Python Programming for Embedded Systems**" *Organized by the Department of Electronics and Communication Engineering from* 10.08.2016 to 14.08.2016

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

Coordinator

500 100

HOD-ECE

Principal

MALLA REDDY ENGINEERING COLLEGE

(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

Certificate of Completion

This is to certify that Mrs./Ms./Mr METTU PRIYANKA bearing Roll Number
14J41A0437 has successfully completed Value added Course in "**Python Programming for
Embedded Systems**" Organized by the Department of Electronics and Communication
Engineering from 10.08.2016 to 14.08.2016

PRINCIPAL
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REPORT ON Five DAY WORKSHOP ON
"Python Programming for Embedded Systems"

The department of ECE has organized two day work shop on **"Python Programming for Embedded Systems"** during **10.08.2016 to 14.08.2016** in ECE department from 9.30 A.M to 4.30 P.M.The department has invited the resource persons from M/s Unistring Technologies Pvt.Ltd., Hyderabad.

During the workshop, introduction to Kiel software version 4 and also explaining importance of embedded C language and also explaining assembly language programming. Hands on experience on reading and writing of a file, simple interrupts handlers, interface 8 bit LED, Buzzer interface, 2*16 LCD display, and generation of PWM signals, SD_MMC card interface.

During workshop, explain about COS, and theoretical part of RTOS and in the AN session demonstrates interruptible ISR,application of message quees and memory blocks and also interface programming blinking with two different LEDs at different timings ,sending a character through serial with different tasks on priority base.

At an about 48 students of third year ECE have attended and interacted with the resource persons. This work shop was coordinated by N.Pandu Ranga Reddy, **Dr A Pradeep Kumar** and Mr.Anjaneyulu.

HEAD, ECE DEPARTMENT

PRINCIPAL

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