

ABOUT VEMU IT

VEMU Institute of Technology is one of the well known and finest technical institutions in Chittoor District, A.P. Beginning its quality inputs in 2008, it has attained ISO 2015:9001 certification for quality management within a short span of time. It is located on Tirupati - Chittoor highway on a beautiful 16 acre campus. A diverse, talented community united by a passion for learning and quest for more, VEMU challenges its students to make a difference on its campus, in the region, and in the companies where ever they join. With unmatched results in every sphere of Education, its commitment to be the best has grown to transform its departments into centre of Excellence.

College Vision

To be a premier institute for professional education producing dynamic and vibrant force of technocrats with competent skills innovative ideas and leadership qualities to serve the society with ethical and benevolent approach.

College Mission

To create a learning environment with state-of-the art infrastructure, well equipped laboratories, research facilities and qualified senior faculty to impart high quality technical education. To facilitate the learners to foster innovative ideas, inculcate competent research and consultancy skills through Industry-institute Interaction.

To develop hard work, honesty, leadership qualities and sense of direction in rural youth by providing value based education.

Vision of the Department:

To become a centre of excellence in the field of Electronics and Communication Engineering and produce graduates with Technical Skills, Research & Consultancy Competencies, Life-long Learning and Professional Ethics to meet the challenges of the Industry and Society.

Mission of the Department:

To enrich Technical Skills of students through Effective Teaching and Learning practices for exchange of ideas and dissemination of knowledge.

To enable the students with research and consultancy skill sets through state-of-the art laboratories, industry interaction and training on core & multidisciplinary technologies.

To develop and instill creative thinking, Life-long learning, leadership qualities, Professional Ethics and social responsibilities among students by providing value based education.

10 ABOUT PROGRAM

The use of embedded system is limitless because every day new products in the market utilize embedded system in novel way. Now a days microcontroller and FPGA chips are much more cheaper. so it is easy to buy a generic chip and write your own custom software. produces a custom made chip to handle a particular task or set of task. The objective of this workshop is to present and discuss the different embedded system architecture to write the software and debug on ARM microcontroller chips(hands-on-experience will be provided)

Topics to be covered:

- Introduction to Embedded system architectures
- Real time operating systems
- ARM processor Interfacin)
(cortex-A series)
- Hands on with ARM processor

RESOURCE SPEAKER

Mr.K.Kalyan Kumar,

Trainer and Developer,

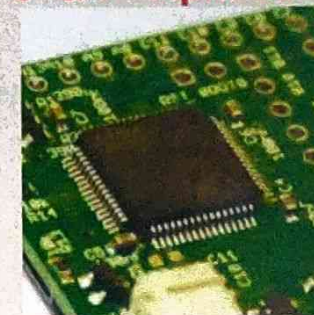
Krest Technologies,

Hyderabad.

TWO DAY WORKSHOP

On

**"ARM BASED
DEVELOPMENTS"
(Hands on ARM-18)
6th & 7th April 2018**



Organized by

**Department of Electronics and
Communication Engineering,**



VEMU Institute of Technology,

P.Kothakota, Near Pakala,

Chittoor District,

Andhra Pradesh-517112.

TWO DAY WORKSHOP

On

“ARM BASED DEVELOPMENTS”

(Hands on ARM-18)

Registration Form

Full Name: -----

Gender: Male/Female

Designation: -----

Organization: -----

Address: -----

Mobile No: -----

Amount: ----- Date: -----

Declaration: the information provided is true to best of my knowledge if selected I agree to abide by the rules and regulation I agree to abide by the rules and regulation of the Course and attend the course for entire duration

Place: -----

Date: -----

Signature of Participant

About Department of ECE

The department offers undergraduate programme in Electronics and Communication Engineering and Post Graduate programme with Specializations in – VLSI Design and Embedded Systems. The Department has highly qualified, experienced and competent faculty members in the areas of Digital Image Processing, Applied Electronics, Digital Electronics, Microwave Communication, and VLSI & Embedded Systems. The department maintains several equipped laboratories for basic and advanced Electronics and Communications. The department has a separate Computer Center with Core2 Duo systems equipped with software applications and suites such as MATLAB, XILINX ISE and Multi-Sim packages. The department has a number of facilities with a substantial collection of teaching tools, instruments, equipment and computers for conducting experiments in different domains of Electronics and Communications Engineering.

Chief Patron

Prof.Dr. K.Chandrasekhar Naidu, Chairman

Patrons

Dr.KVNVN RAO, Principal

Convener

Prof.L.Ramamurthy, Prof&HOD/ECE

Co-ordinator

Dr.S.Arun,

Professor/ECE

Department of ECE,

Vemu Institute of Technology,

P.Kothakota-517112,

Pakala, Chittoor (Dist),Andhra Pradesh.

Email ID: hodece@vemu.org

Mobile: 8886661104.

Eligibility:

This WORKSHOP is open to faculty members of AICTE approved Engineering colleges, Research Scholars working in various fields of Electronics and Communication Engineering, persons from Industry, R & D organizations and PG scholars who have a genuine interest in the field Embedded systems

Registration:

- Registration Fees Rs200/-
- The number of seats for the Workshop is limited to 50 and selection is based on first come first serve basis

Accommodation

- Free boarding and lodging will be provided for outstation participants.

Location Map

Vemu Institute of Technology is located midway between Tirupati and Chittoor on the Highway. There are direct trains / buses to Tirupati or Chittoor from important cities like Hyderabad, Bangalore and Chennai. It is 4 hours journey by road from Bangalore, 3 hours from Chennai, 1 hour from Tirupati and 30 minutes from Chittoor.

Route Map to Vemu Institute of Technology

Tirupathi ← 40Km 20Km → Chittoor



Vemu IT, P.Kothakota



VEMU INSTITUTE OF TECHNOLOGY P.KOTHAKOTA

NEAR PAKALA, CHITTOOR-517112

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

Department of Electronics & Communication Engineering

WORKSHOP Schedule

Title : ARM Based developments (Hands on ARM-17)

Date:06/04/2018-7/04/2018

Resource Person : Mr.K.kalyan Kumar, Trainer and developer, krest technologies Hyderabad,

Target Audience: ECE Faculty

Date	Session 1			L U N C H B R E A K	Session 2		
	Timings	10:00 to 11:15 (Topic)	11:30 to 1:00 (Topic)		1:50 to 3:00 (Topic)	3:15 to 4:00 (Topic)	
06/04/2018	Registration/inaugural session	T E A B R E A K	INTRODUCTION TO ADVANCED EMBEDDED ARCHITECTURE	RECENT DEVELOPMENTS IN EMBEDDED ARCHITECTURE	T E A B R E A K	Introduction to ARM CORTEX-A SERIES/ CORTEXA-76 SOFTWARE/	
07/04/2018	CORTEXA-76 SOFTWARE/ REAL TIME OPERATING SYSTEMS.		Hands on experience with CORTEX A-76 MICROCONTROLLER	IMPLEMENTING REAL TIME ALGORITHM ON CORTEX A-76		VALEDICTORY	

[Signature]
COORDINATOR

[Signature]
IN CHARGE
DEPARTMENT OF ECE
VEMU INSTITUTE OF TECHNOLOGY
P. KOTHAKOTA - 517 112



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING ATTENDANCE SHEET - WORKSHOP

S.No.	Name of the Participant	06-04-2018		07-04-2018	
		FN	AN	FN	AN
1.	Dr. S.MuniRathnam				
2.	Dr. T.Chandrasekhar Rao				
3.	Dr. S.Arun				
4.	Dr. S.Vasanthaswaminathan				
5.	Dr. G.Elaiyaraja				
6.	Dr. A.Pulla Reddy				
7.	Mrs. R.Rani				
8.	Mrs. K.JayaSree				
9.	Mr. C.S.Murali Mohan				
10.	Mr. Y.Mahesh				
11.	Mr. R.Mallikarjuna Reddy				
12.	Mr. T.Muni Reddy				
13.	Mrs. M.Poornima				
14.	Mrs. B.Saroja				
15.	Mrs. C.Geetha				
16.	Mr. N.Kiran Kumar				
17.	Mrs. S.Chandana				
18.	Mr. K.Rohith				
19.	Mrs. D.Reena				
20.	Ms. J.V.Pesha				

21	Mrs. M.Bhargavi				
22	Mr. .P.H.ChandraMouli	Bye	Bye	Bye	Bye
23	Mr. P.Vemaiah	Mali	Mali	Mali	Mali
24	Mrs. P.Sirisha	Vemaiah	Vemaiah	Vemaiah	Vemaiah
25	Mrs.C. Sai Pallavi	Psir	Psir	Psir	Psir
26	Mrs. V.Bharathi	♀	♀	♀	♀
27	Mrs. M.J.Chithraja	Brenti	Brenti	Brenti	Brenti
28	Mr. K.Guraiah	ra	ra	ra	ra
		ju	ju	ju	ju


CO-ORDINATOR


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HEAD
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VEMU INSTITUTE OF TECHNOLOGY

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An ISO 9001:2015 Certified Institute

A Report on

“ARM based Developments-Hands on arm-18”

The two day workshop on “ARM based Developments-Hands on arm-18” was conducted by department of ECE by inviting Mr.K.Kalyan kumar trainer and project developer, krest technologies, Hyderabad. The main objective of this workshop is to provide hands on experience on ARM processor.

The Inaugural function of this workshop was held on 06-04-2018, L.Ramamurthy, HOD (E.C.E) Presided over the function after introduction of ECE department in VEMUIT. L.Ramamurthy, HOD introduced resource person Mr.K.Kalyankumar trainer and project developer, krest technologies, to the Faculty. Around 20 faculties from surrounding college registered for the workshop.

After a small tea break of 15 min Resource person started his session by introduction to Embedded systems and advanced embedded system architecture lunch break for day1 is announced around 12:50 pm after lunch break resource person started with introduction to different ARM Processors and its real time applications. with a special focus on ARM A-series Kits(cortex-A-76) and its architecture

Day-2 started with a small introduction to real time operating systems followed by lab sessions on cortex A-76 evaluation kit. Afternoon session also lab session continued by implementing real time algorithm on cortex A-76 evaluation board.

Finally workshop ended with a brief valedictory session followed by feedback from participants and a formal vote of thanks.




COORDINATOR


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Tirupati-Chittoor Highway road, P.Kothakota, Chittoor-517112



CERTIFICATE

This is to certify that Dr./Prof./Mr./Ms./Mrs. V BHARATHI
from VEMU IT Participated in 2 Day workshop on “ARM BASED
DEVELOPMENTS” held between 6th to 7th April 2018 Organized by Dept. of Electronics and
Communications Engineering in association with Technotran Electronics Solutioins, Hyderabad.


Co-ordinator


PRINCIPAL
VEMU INSTITUTE OF TECHNOLOGY
P. KOTHAKOTA - 517 112


HOD-ECE



VEMU INSTITUTE OF TECHNOLOGY

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Tirupati-Chittoor Highway road, P.Kothakota, Chittoor-517112



CERTIFICATE

This is to certify that Dr./Prof./Mr./Ms./Mrs. A. PULLA REDDY
from VEMU IT Participated in 2 Day workshop on “**ARM BASED DEVELOPMENTS**” held between 6th to 7th April 2018 Organized by Dept. of Electronics and Communications Engineering in association with Technotran Electronics Solutoions, Hyderabad.


PRINCIPAL
VEMU INSTITUTE OF TECHNOLOGY
P. KOTHAKOTA - 517 112


Co-ordinator


HOD-ECE