

## **ELECTRO WAVES NEWS LETTER**

**Department of Electrical and Electronics Engineering**

Kumaraguru College of technology

Coimbaore-641049

**ISSUE- 15**

**2013-2014(Jan-May)**

## DEPARTMENT EVENTS

### **“Two day National Workshop on EMBEDDED COMPUTING, COMMUNICATION AND CONTROL--- EC<sup>3</sup> 2014”**

Organizers: Prof.K.Premalatha & Prof. C. Udhaya Shankar

No. of students attended: 40

#### **About Program:**

The National Workshop on Embedded Computing, Communication And Control was organized during January 31<sup>st</sup> and February 1<sup>st</sup> 2014 by the Department of EEE, Kumaraguru College of Technology with an objective to provide a forum for growing researchers, engineers and post graduate students from different colleges to exchange their ideas and discuss innovative methods of integration and deployment.

At the inaugural session on 31<sup>st</sup> January 2014, Dr. Rani Thottungal, HOD/EEE, KCT, welcomed the delegate and Participants presided over the function. The chief guest for the function was Shri. Selvaraju Muthusamy, Director, Hands-on Technologies, Coimbatore delivered the inaugural address. The Coordinator Prof .C. Udhaya Shankar, EEE, KCT outlined events and explained the theme of the workshop. The vote of thanks was given by Prof.K.Premalatha, EEE, KCT.

The chief guest in his keynote address explained the innovations in Embedded Computing, Communication And Control using advanced IC's and

Eight technical sessions were arranged to accommodate all the Participants as per the domain area.



Photo: Workshop on EMBEDDED COMPUTING, COMMUNICATION AND CONTROL held on 31.01.14 and 01.02.2014. From the left Dr. Rani Thottungal (HOD- Department of EEE), Prof.C.Udayashankar (Associate professor/EEE), Prof. J.Ramprabu (Assistant Professor - II / EEE), Prof.K.Premalatha (Associate professor / EEE), Selvaraju Muthusamy, Director, HandsOn Technologies and his colleague.

**PAPERS PUBLISHED (2013-2014)**

<b>SI No</b>		<b>Title of the Paper</b>	<b>Publication Details</b>
<b>1</b>	Prof. M.Mohanraj / AP - II	Reduction of Sags and Swells in a Distributed	IJETAE: International Journal of Emerging Technology and

		Generation System based on Environmental Characteristics.	Advanced Engineering ,Volume 3, Issue 12, ( ISSN 2250 – 2459) December 2013
2	Prof. M.Mohanraj / AP - II	Reduction of Sags and Swells in a Distributed Generation System based on Environmental Characteristics.	IJETAE:International Journal of Emerging Technology and Advanced Engineering ,Volume 3, Issue 12, ( ISSN 2250 – 2459) December 2013
3	Prof. M.Mohanraj / AP - II	Dynamic Solar powered Robot Using DC-DC SEPIC Topology	IJRET: International Journal of Research in Engineering and Technology eISSN: 2319-1163   pISSN: 2321-7308, Volume: 03 Issue: 02   Feb-2014,
4	Prof. M.Mohanraj / AP - II	"Implementation of Inverter with Flexible Voltage Control for A DC Line in a System "	"IJERA: Int. Journal of Engineering Research and Applications ISSN : 2248-9622, Vol. 4, Issue 2( Version 1), February 2014, pp.633-637 "
5	Prof.J.RAMPURABU / AP - II	Pedestrian and Object Detection System In Vehicles for Safety Driving	International Journal of Advances in Engineering & Technology, Jan. 2014. ©IJAET ISSN: 22311963 Vol. 6, Issue 6, pp. 2566-2571
6	Prof.S.KALIAPPAN / AP		International Journal of Scientific & Engineering Research, Volume 4, Issue 11, November-2013 ISSN 2229-5518
7	Prof.R.S.SANDHYA DEVI / AP	Portable Gait Rehabilitation Based On Ambulation Data	International Journal of Engineering Research & Technology, Jan.2014 IJERT, Vol.3 - Issue 1,pp. 1329 - 1332, ISSN: 2278-0181,

**PAPERS PRESENTED IN INTERNATIONAL SEMINARS /  
CONFERENCES (2012-13)**

<b>Sl. No</b>	<b>Name of the Faculty/Designation</b>	<b>Seminar / Conference</b>	<b>Organizer (By &amp; At)</b>	<b>Date</b>	<b>Title</b>
1	N.PRAKASK/ Assistant Professor - II	International conference on Modern trends Science in engineering and technology  (ICMTSET 13)	Ambassador Hotel, Dubai, U.A.E.	25 – 26, September , 2013	Harmonic reduction in Grid connected Multi level inverter

**FUNDED PROJECTS**

<b>SI No</b>	<b>Name of the Faculty/Designation</b>	<b>Title of the Project</b>	<b>Funding Agency</b>	<b>Sanctioned Amount</b>	<b>Duration</b>
1	Prof.M.Nirmala AP (SRG)	Automatic Potter wheel	RuTag	1,00,000/-	5 years

2	Prof.D.Rajalakshmi AP(SRG)	Automatic Potter wheel	RuTag	1,00,000/-	5 years
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**PARTICIPATION OF STUDENTS IN SEMINARS / WORKSHOPS / SYPOSIUM**

**LIBRARY**

<b>Sl. No</b>	<b>Details</b>	<b>No. of volumes / addition</b>	<b>Investment made</b>
1	Book	90	54635
2	Journals	15	31150
3	Other publication like CD, Magazine etc.,	NIL	NIL

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