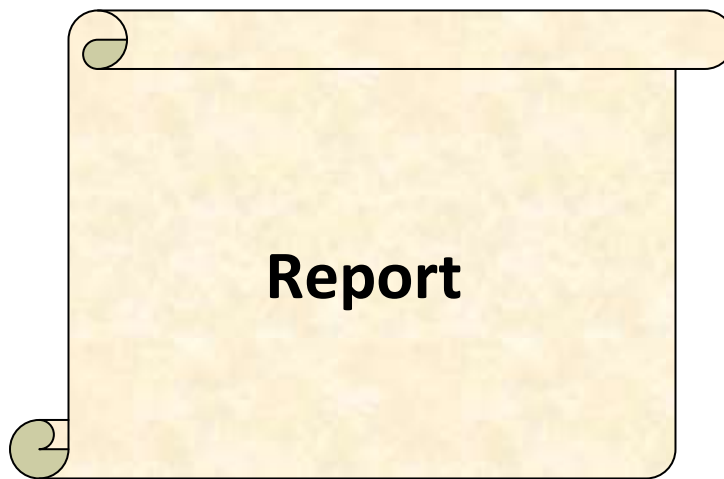




**National Seminar
On
Embedded Systems
March 06, 2013
(College Auditorium)**



Organized By

COMM-IT Career Academy

(Affiliated with GGSIP University & Approved by Govt. of NCT of Delhi)

A Unit of

Awadh Center of Education

Awadh Bhawan. FC-31, Sheikh Sarai, Phase II,
Institutional Area, New Delhi – 110017

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Introduction

A general-purpose definition of Embedded Systems is that they are devices used to control, monitor or assist the operation of equipment, machinery or plant. “Embedded” reflects the fact that they are an integral part of the system. In many cases, their “embeddedness” may be such that their presence is far from obvious to the casual observer. An Embedded System is a microprocessor-based system that is incorporated into a device to monitor and control the functions of the components of the device. They are used in many devices ranging from a microwave oven to a nuclear reactor. Unlike personal computers that run a variety of applications, embedded systems are designed for performing specific tasks. Embedded Systems possess the following distinguishing qualities

Embedded Systems can reduce the time it takes to bring a product or service to market by reducing application development and deployment time; reduce the cost of the IT services provided; and increase the flexibility of both the business and the IT organization. As with many great opportunities, Embedded Systems also presents many challenges and risks which IT staff and decision-makers need to be aware of.

Objective

The objective of this National Seminar is to provide an exposure in Embedded Systems with an excellent overview of what Embedded Systems is, what is required to implement Embedded System applications, and what are the job roles and disciplines needed to successfully implement Embedded Systems.

Qualified, competent and experienced faculty members are continuously striving to facilitate the maximum sharing of knowledge. Dedicated and dynamic faculty members deliver lecture through VARK (Visual, Aural, Read-write & Kinesthetic) technique which touches heart to all types of learners. Emeritus personalities are invited for seminar/workshop which gear up the student’s interest, knowledge and future road map.

Registration Process

Registration / Fee Payment: The interested candidates need to fill up the enclosed registration form. The fee per participant is as follows:

- I. Research Scholars/ IT Students / Comp. Sc. Students -Rs. 300
- II. Academicians/Professionals/Others - Rs. 500

Payment should be made in form of a local cheque/ DD in favour of “**COMM-IT Career Academy**” payable at New Delhi, with the registration form duly filled in through postal mail and confirmation through e-mail at the following addresses:

niranjana.soperna@gmail.com / anukoolbajpai@gmail.com

The fee includes workshop Kit and refreshments. Fee does not include accommodation, local/outstation travel. No refund will be allowed for cancellations of participation. A certificate would be awarded to all participants. Outstation candidates needing assistance in accommodation (on payment) may contact the Workshop coordinator at the address given below.

Limited registration will be held on first come first serve basis till **04th March 2013**.

Applications for registration along with demand draft/cheque should be sent to:

Dr. Niranjana Soperna - Coordinator

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Institutional Area, New Delhi – 110017
Phone No: 011- 2925 7793/94
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Speaker's Profile

Dr. Niranjna Soperna: Principal IVS & COMM-IT Career Academy Dr. Niranjna Soperna has been a member of NAAC Assessor, NCTE Expert & IGNOU Program In charge/Coordinator at Awadh Centre of Education. She is a member in the panel of GGSIP University, Delhi & a member in the panel of SCERT Delhi. Dr. Soperna is also a member in the panel MDU Rohtak. She has a vast experience of over 15 Years with various Universities.

Mr. Anukool Bajpai: Sr. Assistant Professor Anukool Bajpai MCA, M.Phil. (CS), has over 8 years versatile experience in the field of Teaching in Delhi University, GGSIP University, IGNOU and Corporate Sectors. He is frequently contributing to the areas of Computer Science & IT by writing research papers in leading journals, magazines & presenting research papers in national seminars & conferences. Besides, he is equally involved in the development of E-Learning, Open Learning and Distance Education. His doctoral research is **“CSF Factors of ERP system implementation: An Indian Perspectives”**. His specialized areas of interest are Programming Languages, Mobile computing & Embedded Systems. Now Mr. Bajpai is continuing as a Sr. Assistant Professor of COMM-IT Career Academy for the last five years. Today his topic of talk is **“An Introduction to Embedded Systems”**

Dr. Inderjeet: Dr. Inderjeet, M.Phil., Ph.D., ICWA, PGDCA is Principal, College of Vocational Studies, University of Delhi. He has been a prolific writer through out his career and contributed immensely in areas like Human Resource Management, Time Management, Financial Management, etc. in National and International Journals. He has authored two books entitled: Business Law Published By Book Age Publication, Delhi “Personnel Problems And Its Management in Small Scale Industry.” Published By Deep & Deep Sons, New Delhi. He is member of Professional Bodies viz.

1. Fellow member of Institute of Costs and Works Accountants of India, Calcutta, India (F.I.C.W.A).
2. Indian Commerce Association.
3. All India Management Association (AIMA)
4. Indian Accounting Association

He will be speaking about the functioning of Embedded Systems in general.

Ahteshamul Haque: Dr. Ahteshamul Haque, Ph.D. (IT) is Sr. Assistant Professor in Electrical Engineering Department, Jamia Millia Islamia University, New Delhi. Working as a Principal Investigator of MNRE project on Green Technology. Worked as Design Engineer in Motorola and Siemens R&D Division & Few Patents have been awarded in US and Europe Patent department. He is currently developing an embedded based controller for Solar Photo Voltaic application.

Dr. U.S. Pandey: Dr. Pandey, Ph.D (Computer Science) is an Associate Professor in School of Open Learning University of Delhi, Delhi. He has Twenty years teaching experience in the field of Computer Science besides supervising many research scholars in the field of Mobile Commerce, Artificial Intelligence, Expert System, Data Warehouse, Data Mining, e-learning and e-governance. Dr Pandey has got published two books and diverse a range of research papers to his credit in the National and International Journals of repute. Dr. Pandey has worked as a Professor & Director of VIPS affiliated to GGSIP University Delhi. Now he will be sharing his views on “**Embedded Systems**”.

Dr. Subodh Kesharwani: Subodh Kesharwani is an academican with MBA in systems and Doctorate in ERP System. Presently an Assistant Professor in School of Management Studies with Ten years of hardcore teaching and research in Computer and Management at IGNOU, IIMT College, various others B-Schools in Delhi. He had taught Management, Logistics, Operation Research, Computers for Management, Operation Management and Statistics to MBA and ERP systems to B.Tech Students. He is a corporate trainer in ERP and delivered a talk on ERP as a key speaker at diverse conference/seminars some of them are Computer Integrated Management System Theme, School of Open Learning. Delhi. He is presently in New Delhi, India and planned to come-up with an ERP-Consortium. He is also a founder Editor-in-chief of an upcoming journal entitled “Global Journal of Enterprise Information System [GJEIS]. Dr. Kesharwani has written a Book entitled “ENTERPRISE INFORMATION SYSTEMS-Contemporary Trends and Issues” in a co-authorship with Professor David L Olson University of Nebraska, USA. He had one text book on ERP system which is catering a B.Tech Students.

Programme Schedule

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09:30 AM -10:00 AM	Registration
10:00 AM -10:05 AM	Inaugural Session
10:05 AM -10:10 AM	Welcome Address by the Principal Dr. Vikas Rao Vadi
10:10 AM -10:20 AM	Address by the Director (s)
10:20 AM -10:45 AM	Technical Session - 0 by Mr. Anukool Bajpai
10:45 AM - 11:00 AM	Tea Break
11:00 AM- 11:45 AM	Technical Session – 1 by Dr. Inderjeet
11:45 AM -12:30 PM	Technical Session – 2 by Dr. Ahteshamul Haque
12:30 PM -01:30 PM	Lunch Break
01:30 PM -02:15 PM	Technical Session – 3 by Dr. U.S. Pandey
02:15 PM -03:00 PM	Technical Session – 4 by Dr. Subodh Keshewani
03:00 PM -03:30 PM	Valedictory Session
03:30 PM -03:40 PM	Vote of Thanks
03:40 PM -04:00 PM	Tea Break