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Registration :

All the participants of NSMS-2012 should get registered before the deadline by sending duly filled registration form along with the registration fee by demand draft in favor of "The Convener, NSMS-2012 (A/c payee only), School of Physical Sciences, Banasthali University, Banasthali ,Raj- 304022" Payable at Banasthali.

Important information:

Abstract Submission: February 25, 2012

Acceptance of abstract for poster presentation: March 5, 2012

Full length paper: March 10, 2012

Registration fees: Student: ₹ 500

Faculty: ₹ 750

The completed registration forms should be posted to " The Convener, Symposium on Microelectronics and system School of Physical Science

Apaji Institute of Mathematics & Applied Computer Technology
Banasthali University-304022,Rajasthan

Or it can be mailed to: nsms2012@banasthali.in

Registration form can be downloaded from the university website: www.banasthali.org

Contact:

Dr. Ritu Vijay

Head, Department of Electronics
School of Physical Sciences, AIM & ACT
Banasthali University,
Banasthali (Rajasthan) 304022

Phone: (01438) 228647/48 Fax: (01438) 228649

Mobile: 09352141480,09352878355

Email: nsms2012@banasthali.in

How to reach Banasthali University:

Banasthali is located 72 km from Jaipur, 8 km off on Jaipur Kota road. Frequent bus service is available for Banasthali University campus/Newai from main Bus Stand (Sindhi Camp) Jaipur. Newai is 10 km from Banasthali. Conveyance is available at Banasthali Newai (WR, Jaipur Kota Broad-guage Line) Railway Station. Jaipur (Sanganer) Airport is 59 kms from Banasthali.

URL-<http://www.banasthali.org>

NATIONAL SYMPOSIUM ON MICROELECTRONICS AND SYSTEMS

MARCH 17-18, 2012

Sponsored by
**Department of Science & Technology
Government of India, New Delhi**



Organized by
**Department of Electronics
School of Physical Sciences
Apaji Institute of Mathematics &
Applied Computer Technology**

BANASTHALI VIDYAPITH
Banasthali -304022 (Rajasthan)

University for women: University with a difference



Banasthali University
University for women: University with a difference

Banasthali Vidyapith is a Premier National Institute for women's education situated in the Tonk district of Rajasthan, (India) about 72 km. away from Jaipur on Jaipur-Kota highway. It was founded on Oct. 6, 1935. Over these 76 years Banasthali has developed as a National Center for Women's Education. On Oct. 25, 1983, the Govt. of India on the advice of the University Grants Commission notified Banasthali Vidyapith as an institute deemed to be University. Presently about 10,000 students from all over the country are receiving education in Banasthali Vidyapith. The institute provides a varied spectrum of educational facilities in a wide range of traditional and modern disciplines in the faculties of Social Sciences, Humanities, Education, Fine Arts, Home Science, Mathematical Sciences, Applied Computer Technology, Management, Science & Technology and Earth Sciences.

It is the only fully residential institute for women's education in country, located in rural surroundings and providing educational facilities from Nursery to Ph.D. level in one campus amidst ambience of Indian Ethos.

The institute has been accredited with an 'A' grade by NAAC consecutively two times in 2003 and 2011, is recognized as a 'Nation Builder' by 'India Today' in 2008, categorizes under 'A' category by 'MHRD' in 2010 and 'Ranked IV' among Indian Universities by 'AC- Nielsen- India Today' in 2011.

DEPARTMENT OF ELECTRONICS

Electronics education at Banasthali University started in 1990, when B.Sc. programme in Electronics was under the umbrella of department of electronics and computer science of the University of Banasthali. Subsequently M.Sc.(Electronics) started in 1995 and M.Tech. programme with specialization in the area of VLSI design started in 2004. In view of the increasing importance of the electronics engineering discipline, B.Tech programme in Electronics and Communication was established in 2007. The department has strong research programme in the broad area of Communication and Coding theory, Cryptography, Signal and Image Processing, wireless sensor networks and Adhoc networks, VLSI low power implementation of communication and DSP system, Devices and circuits under extreme environment and ASIC-SOC physical design. The department has collaboration with organization and industries also for better understanding of ongoing activities and evolving the academic programme of the department. Reputed MNC's recruits the students every year on a higher package. This department offers hands on training to the students to meet the requirements of the industries in well equipped and hi-tech laboratories with state of the art instruments and equipments under the guidance of highly qualified, experienced and dedicated faculties.



Aims and objectives of the symposium MICROELECTRONICS AND SYSTEMS

National symposium on Microelectronics and System aims to bring together academic scientists, leading engineers, industry researchers, scholar students and graduate students to exchange and share their experience and research about all aspects of Microelectronics and systems, and discuss the practical challenges encountered and the solutions adopted.

There will be about 8 Invited lectures by experts in these areas, and poster presentation session for the participants

Topics of interest for submission include, but are not limited to:

- Analog IC design
- RF IC design
- Mixed Signal IC design
- FPGA design
- ASIC design
- Low Power design testing
- MEMS
- IC Fabrication Technology
- Nanoelectronics
- Advanced Semiconductor Devices
- Embedded Systems
- Digital IC Design
- Sensors & Transducers
- Process Control and Automation
- Industrial Process Control
- Fuzzy Control
- Micro Sensors & Structures
- Neural Networks

Eminent speakers in the field of who have consented tentatively are:

1. Prof. S.C. Dutta Roy, IIT Delhi
2. Dr Pawan Kapur, CSIO, Chandigarh
3. Dr H.P.Vyas, SSPL New Delhi
4. Dr. S.C. Bose, CEERI, Pilani
5. Prof. Rajeev Gupta, RTU Kota
6. Dr. R. P. Gupta, CEERI, Pilani
7. Dr. L.N. Chaudhari, CEERI, Pilani
8. Dr. Jitendra Kumar, ISM, Dhanbad

**NATIONAL SYMPOSIUM
ON
MICROELECTRONICS AND SYSTEMS**

Department of Electronics
School of Physical Science , AIM & ACT
Banasthali University
(March 17-18, 2012)

REGISTRATION FORM

(Last date of the receipt of the application is Feb. 25, 2012)

1. Name _____
2. Designation _____
3. Qualifications _____
4. Affiliation _____
5. Specialization _____
6. Sex: Male _____ Female _____
7. Address of correspondence _____

- City : _____ Country : _____
- Phone No. _____ Mobile No. _____
- Fax No. _____
8. Email ID: _____
9. Date and time of arrival: _____

Date: _____ Signature of the Applicant _____

Note: Registration form can be downloaded from the University's website <http://www.banasthali.org>.

The Convenor, Symposium on Microelectronics and system
School of physical science (AIM & ACT)
Banasthali University
P.O. Banasthali Vidyapith-304022 (Rajasthan) INDIA
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