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President, All India Shri Shivaji Memorial Society, Pune
- **Hon'ble Yuvraj Sambhajiraje Chhatrapati**, Kolhapur  
Vice President, All India Shri Shivaji Memorial Society, Pune
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Honorary Secretary, All India Shri Shivaji Memorial Society, Pune
- **Hon'ble Shri. D.M. Umbarkar**  
Treasurer, All India Shri Shivaji Memorial Society, Pune
- **Hon'ble Shri. Ajay U. Patil**  
Joint Secretary, All India Shri Shivaji Memorial Society, Pune
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Chairman, Governing Council, All India Shri Shivaji Memorial Society, Pune
- **Hon'ble Shri. P. M. Gaikwad**  
Chairman, Managing Committee,  
All India Shri Shivaji Memorial Society, Pune

### CHIEF PATRON

**Hon'ble Capt. Shivaji Mahadkar**  
Honorary Secretary, All India Shri Shivaji Memorial Society, Pune.

### PATRON

**Dr. P. B. Mane.**  
Principal, AISSMS IOIT, Pune

### SCHEDULE FOR SYMPOSIUM

Date: 23/02/2012

Time	Topic	Speaker
11am to 11.30 am	Inauguration	
11.15am to 1 pm	Keynote Address - (Next Generation Evolution)	Dr.M.S. Sutaone
1pm to 2 pm	Lunch Break	
2pm to 4pm	4G Architecture & features & 4G Next Generation Devices.	Dr.D.R. Luhar

Date: 24/02/2012

Time	Topic	Speaker
9am to 11 am	4G Network Technologies	Dr. A.S.Tawildar
11am to 1 pm	4G Wimax or LTE Advanced?	Dr. B.S.Chaudhari
1pm to 2 pm	Lunch Break	
2pm to 4pm	Regulatory and spectrum matters	Dr. Jay Bhatnagar

### SPEAKERS

- Dr. M. S. Sutaone, HOD, Dept of E&TC Engg, COE, Pune.
- Dr. B.S. Chaudhari, Principal, I<sup>2</sup>IT, Pune.
- Dr. D. R. Luhar, Director, Sigma Trainer. Ahemdabad.
- Dr. A.S.Tawildar, Professor, VIIT. Pune.
- Dr. Jay Bhatnagar Professor, COE, Pune

### CO-ORDINATOR

**Mrs. Mohini P. Sardey,**  
Head of Electronics and Telecommunication Engineering

### CO-COORDINATORS

- Ms. M. H. Dhend, Head of Electrical Engineering
- Mr. H. P. Chaudhari, Head of Instrumentation & Control
- Ms. S. N. Zaware, Head of Computer Engineering
- Mr. D. K. Shedge, Head of Electronics Engineering
- Mr. P. A. Patil, Head of Information Technology
- Mr. A. N. Kabugade, Head of First Year Engineering
- Ms. H.D.Shinde, Faculty of Electronics and telecommunication Engg.
- Ms. V.K.Patil, Faculty of Electronics and telecommunication Engg.

### ORGANISING COMITTEE MEMBERS

- Ms. S.V.Lohar
- Mr. S.R.Kokane
- Ms. D.Y.Yewale
- Ms. S.S.Jadhav
- Ms. G.G.Kulkarni
- Mr. V.D.Desai
- Mr. S.R.Pawar

### CONTACT PERSONS

**Ms. Apeksha Prabhu** - [apeksha.prabhu@gmail.com](mailto:apeksha.prabhu@gmail.com)  
8983380414  
**Ms. Mamta.R.Wanjre** - [mamta.wanjre@gmail.com](mailto:mamta.wanjre@gmail.com)  
9921353812

For Further Enquiry

<http://www.aiissmsioit.org>

or Tel. : 020-26058877 Ext:308/304

[symposium4g@yahoo.com](mailto:symposium4g@yahoo.com)

All India Shri Shivaji Memorial Society's  
**INSTITUTE OF INFORMATION TECHNOLOGY**  
Kennedy Road, Near RTO, Pune - 411001



**NATIONAL LEVEL SYMPOSIUM**

on

**"4G TECHNOLOGY"**

**23<sup>rd</sup> and 24<sup>th</sup> February 2012**

*Sponsored by*

**AICTE, New Delhi**

&

*Supported by*

**IETE, Pune**

*Organized by*

**Department of Electronics and  
Telecommunication Engineering**



### ABOUT INSTITUTE

The All India Shri Shivaji Memorial Society's Institute of Information Technology, (Formerly Women's College of Engineering) was established in August 1999. This college is a self financing Institution and affiliated to the University of Pune. It is approved by the AICTE, New Delhi and the Director of Technical Education, Government of Maharashtra.

The college has well qualified dedicated staff with good infrastructural facilities in the form of well equipped laboratories in all the branches, namely Computer Engineering, Electronics Engineering, Instrumentation, Electronics and Telecommunications, Information Technology, Library and Gymkhana Facilities, center for training and placement.

### ABOUT SYMPOSIUM

The fourth-generation wireless technology provides a wide variety of services including the option to download, view, and upload high-definition (HD) videos, 4G is known as "beyond 3G," since it provides a comprehensive and secure Internet Protocol (IP) solution. Users have access to high-quality streaming video and "anytime, anywhere" voice and data at a much higher speed than previous generations. The "anytime, anywhere" solution of 4G technology is also referred to as "MAGIC," which is an abbreviation for 'Mobile multimedia, Anytime, anywhere, Global mobility support, Integrated wireless solution, and Customized personal services'.

The fourth-generation will inter-operate with third generation systems and broadband broadcasting systems; It also intends to integrate fixed wireless access (FWA), wireless local area network (WLAN), wireless local loop (WLL) and personal area network (PAN), to provide fully IP-based wireless internet. When fully implemented, this technology could help create additional markets and opportunities for new and established telecommunication enterprises.

Commercialization of 4G technology is also important to fuel future research. The aim of this symposium is to identify the paths between fundamental research and potential wireless technology applications. This **Symposium** will provide a forum for academicians, researchers, practitioners and students working in the areas of wireless technology & multimedia to discuss new developments, concepts and practices and to identify future research needs so that 4G technology researches can be brought closer to its immense potential.

### TOPICS OF DISCUSSION

1. NGN Evolution
2. 4G Architecture and Features
3. 4G NGN Devices
4. 4G Network Technology
5. 4G Technology Prospects
6. 4G Wimax or LTE Advanced?
7. Regulatory and spectrum matters

### IMPORTANT DATE

Last date of registration with DD: 15<sup>th</sup> February 2012.

### REGISTRATION FEES

PG students/Research scholars/  
IEEE/ISTE/CSI members/  
Academicians/Industry person } **Rs. 300/participant**

**Note:** Registration has to be done by sending DD (from Nationalized Bank) in favour of "The Principal, AISSMS IOIT, Pune", payable at Pune.

All India Shri Shivaji Memorial Society's  
**INSTITUTE OF INFORMATION TECHNOLOGY**  
Department of Electronics and Telecommunication  
Engineering Organizes  
**NATIONAL LEVEL SYMPOSIUM**

On

## "4G TECHNOLOGY"

23<sup>rd</sup> & 24<sup>th</sup> FEBRUARY 2012

Sponsored by **AICTE, New Delhi**  
Supported by **IETE, Pune**

### REGISTRATION FORM

Name: \_\_\_\_\_

Institute/Organization: \_\_\_\_\_

Department: \_\_\_\_\_

Contact No: \_\_\_\_\_

Email Id: \_\_\_\_\_

Amount in (cash/DD) Rs: \_\_\_\_\_

DD No: \_\_\_\_\_

Bank: \_\_\_\_\_

Signature of Applicant with Date

Seal and Signature of Sponsoring Authority

(Photocopies may be used for multiple registrations)