Government College of Engineering

Aurangabad

**SIX DAYS WORKSHOP**

*ON*

**“CMOS BASED RFIC DESIGN”**

(28th JUNE TO 3rd JULY 2016)

Sponsored by TEQIP Phase II Under ASWS

**REGISTRATION FORM**

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

Address For Communication: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mobile No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

E-mail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Educational Qualification: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of Applicant

Signature of Head

**PATRONS**

**Dr. S. J. Kunte**

Dy. Secretary

Higher and technical education

Mantralaya , Mumbai

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Director , Directorate of Technical Education,

Maharashtra State , Mumbai

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 Regional Office , Aurangabad.

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Principal Govt. College of Engineering ,

Aurangabad

**Chairman**

Prof. R. P. Chaudhari

**Head of E&TC Department**

Prof. N. R. Kolhare

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Prof. M R Joshi VijayaNagargoje

Shri S. P. Joshi YogeshTaru



**ABOUT WORKSHOP**

CMOS (complementary metal oxide semiconductor) is a key digital integrated circuit technology that is widely used throughout the wireless communications industry. This practical resource offers comprehensive, expert guidance on designing CMOS RF integrated circuits. Professionals get complete design details on elemental and advanced CMOS RF circuits, from low noise amplifiers, general gain amplifiers, mixers, and oscillators, to voltage controlled oscillators, phase lock loops, frequency synthesizers, and power amplifier architectures. Engineers also find a review of RF system fundamentals and definitions of terms widely used in the field.

**DATE AND VENUE**

The WORKSHOP will be held during 28thjune -3rdjuly 2016 at ELECTRONICS DEPARTMENT SEMINAR HALL ,DEPARTMENT OF ELECTRONICS ,Govt. College of Engineering, Aurangabad.

**RESOURCE PERSONS**

Dr.JayantaMukharjee

IIT Bombay

Dr. Anita Murugkar

BAMU , Aurangabad

Prof. Anurag Nigam

(DIOEAMS), Aurangabad

**COURSE CONTENTS**

* SEMICONDUCTOR TECHNOLOGIES AND

SIMULATION TECHNIQUES.

* DIGITAL DESIGN IN CMOS
* ANALOG CIRCUITS
* RF SYSTEMS
* MICROWAVE PASSIVES AND ELECTROMAGNETICS
* ANTENNA AND RADIO FRONT END

**REGISTRATION**

Candidates should complete the enclosed registration form and send it by mail to the coordinator . Confirmation of eligible candidates will be on FIRST-COME-FIRST-SERVE basis upto a maximum of 40 candidates (APPROX). The complete registration form should be received by the coordinator by june24 , 2016. There is no registration fees for this workshop.

**LECTURE NOTES**

To fully realise the objectives of the course. The lecture notes will be made available.

**ABOUT AURANGABAD**

AURANGABAD is a historic , holy , and a place of tourism in a Marathwada region of Maharashtra State . Lord Ghrishneshwartemple ,BhadraMaruti , Saint EknathMaharaj temple , Daultabad Fort , Biwi-ka-Makbara , World famous Ajanta and Ellora Caves are in close proximity . The city is well connected by roads , rails , and air- route.

**ADDRESS FOR CORRESPONDANCE**

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Station Road ,Osmanpura

Aurangabad - 431005 (MS) India

For detail contact Ms Monica Jige-9420769223

