

Introduction

The present workshop is an endeavour to infuse interest in young students, teachers and scientists in the field of modelling and simulation techniques with a particular emphasis on microstrip antenna, electronic circuits and materials. In the present scenario with the quantum advancement in the area of circuits, material, microstrip antenna and VLSI, the use of modelling and simulation techniques by the use of tools such as Siesta, Quantum Espresso, Vivado, OrCAD Capture, PSPICE, MATLAB etc. saves time to understand broadly the functioning of devices and circuits.

Scope of the Workshop

Workshop will provide a platform to bring together Industry professionals, Academicians and Researchers, from different organizations to exchange their views and ideas on the modeling and simulation of microstrip antenna, electronic circuits and materials. Workshop will focus on talk and hands on practice on simulation of electronic circuits by OrCAD Capture, PSPICE, LTSPICE IV, microstrip antenna simulation by IE3D(Hyper Linux) etc., VLSI simulation by Xylin-x, Vivado, materials simulation by Quantum Espresso etc.. It will also cover Modelling for Electronic circuits and Microstrip Antenna using MATLAB.

Tentative List of Invited speakers

1. Prof. Anurag Sivastava, ABV IIT, Gwalior
2. Dr. Neetesh Purohit, IIT, Prayagraj
3. Prof. Poonam Tandon, Univ. of Lucknow
4. Dr Ravi Kumar Gagwar, IIT, Dhanbad
5. Dr.M.K.Meshram, IIT, BHU, Varanasi
6. Prof.B.T.P.Madhav, K.L.Unniversity, Guntur
7. Dr. Vijay Nath, BIT, Mesra
8. Dr.Rajeev Gupta MNNIT, Prayagraj
9. Dr. Basant Kumar, MNNIT, Prayagraj
10. Prof. V. S. Tripathi, MNNIT, Prayagraj
11. Dr. Abhishek Mishra, Petroleum Univ, Dehradun
12. Dr. Amit Kumar Singh, IIT BHU, Varanasi
13. Dr. Himanshu Baski, D.M.S.R.D. Kanpur

Lectures and Hands-on will be given by our faculties also.

About the city of Ayodhya, University and Department of Physics & Electronics

One of the oldest cities of India, Faizabad-Ayodhya twin city, is now become Ayodhya which is situated on the bank of Suryu River and has mythological relevance due to Lord Rama and his staunch disciples Hanuman. The highlight of the religious significance of the place is apparent even today due to Chaudah Kosi and Panch Koshi Parikrama and Deepotsav every year.

Dr. Rammanohar Lohia Avadh University has been established in memory of late Dr. Ram Manohar Lohia an epic socio-economic ideologue and freedom fighter par excellence. The University assumed the shape of residential University in the year 1984. Since inception in the year 1984, the department has constantly and significantly contributed towards teaching and research. As a result of this concerted effort, the State Government has accorded the status of 'Center for Excellence' to the department. The department is well equipped with high speed internet facilities with Wi-Fi and well maintained computer laboratory with more than 30 computers in local networking mode.. Electronics, communication and Computer Laboratories are enriched with latest equipments and research facilities like HyperLinx, Vivado suite, MATLAB and Labview softwares. Availability of hi-tech Smart seminar rooms and teaching through modern aids like electronic interactive board, LCD projectors and Computer aided programs are the regular features of the department. The department has established VLSI and Material Science laboratories for specialized teaching and research. Presently the faculty members are working in diverse areas like Thin Film of superconducting and semiconducting materials and their application in gas & humidity sensor and solar cells, Bioinstrumentation, Liquid Crystals, Ceramic Materials and simulation & modelling.

NATIONAL WORKSHOP ON Modeling and Simulation of Microstrip Antenna, Circuits And Materials (MASMACAM)

27 January-02 February, 2020

1. Name: (In Block Letters).....

2. Designation:

3. Name of Institute / Organization:

4. Address for correspondence:

Email:

Phone Number:

Fax:

5. Details of Reg. Fee:

Place:

Date:

Signature of Applicant

Address for Correspondence:

Dr. Anil Kumar
Organizing Secretary

Mob: 9918105292

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Prof. K. K. VERMA
Convener

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MASMACAM – 2019
Department of Physics & Electronics
Dr. R. M. L. Avadh University
Ayodhya – 224001

Registration Details

- For outstation participants Rs. 3,000/-
- For local participants Rs. 1,000/-

Participants will be provided stationary, bag, lunch during the workshop period. They will have to manage themselves dinner. Accommodation will be provided as per availability in the University Guest House on payment basis. Payment can be made by Demand Draft in favour of **Finance Officer, Dr. Rammanohar Lohia Avadh University, Ayodhya** payable at "Faizabad".

Filled in Registration form along with D.D. should reach to Prof. K.K. Verma, Convener, "National Workshop on Modelling and Simulation on Microstrip Antenna And Circuits And Materials" and should reach by 10th January 2020. No TA will be paid to participants.

Organizing Committee

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Vice Chancellor,

Prof. S. N. Shukla **Chairman**

Pro-Vice Chancellor

Prof. R. K. Tiwari, **Co-Chairman**

Dean Science

Prof. K. K. Verma **Convener**

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Dr Anil Kumar

Co-Organizing Secretary:

Dr Sindhu Singh

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Dr. Geetika Srivastava

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Miss Nidhi Asthana **Mr. Rajat Chaurasia**

Dr. S. P. Mishra **Dr. Gyaneshwar Gupta**

Dr. Gaya Prasad

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on

Microstrip Antenna, Circuits
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Supported by

Department of Higher Education, U. P. Government

Organized by

DEPARTMENT OF PHYSICS & ELECTRONICS

(A Centre for Excellence Department by UP GOVT.)



Venue:

DEPARTMENT OF PHYSICS & ELECTRONICS
DR. RAM MANOHAR LOHIA AVADH
UNIVERSITY, AYODHYA-224001, U. P.
INDIA