

National Workshop
on
“Programming, Simulation and
Optimization using MATLAB”
22nd – 26th August, 2019

REGISTRATION FORM

Name:

Designation:

Organization:

Qualification:

Correspondence Address:

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Tel. (O) (R)

(M)

Fax. No.

E-Mail:

Registration Fee: Paid herewith in the form
of Cash/DD

Amount

DD. No.....Date

Name of the Bank

Accommodation Required: Yes / No

Date: Place:

Signature of the participant

Note:

- Demand draft should be made in favour of Director, National Institute of Technology Raipur, payable at Raipur.
- Photocopies of registration form may be used.

Chief Patron

Dr. A. M. Rawani, Director, NIT Raipur

Patron

Dr. (Mrs.) Shubhrata Gupta, Dean (R&C),
NIT Raipur

Convener

Dr. P. Singh, HoD, Department of Computer Science
and Engineering, NIT Raipur

Coordinators

Dr. Aakanksha Sharaff
Assistant Professor, NIT Raipur

Dr. R. N. Patel
Associate Professor, NIT Raipur

Address for Correspondence

Dr. Aakanksha Sharaff
Department of Computer Science and Engineering
NIT Raipur (CG) - 492 010
Email: asharaff.cs@nitrr.ac.in
Contact No.: +91-8817813946

Online Registration Link for this
Workshop:

[Click here](#)

National Workshop

on

“Programming, Simulation and
Optimization using MATLAB”
22nd – 26th August, 2019



Organized by
Department of Computer Science and
Engineering



National Institute of Technology
Raipur-492 010 (Chhattisgarh)

About the Institute:

National Institute of Technology, Raipur situated in the capital of Chhattisgarh, has proven to be "avant-grade" in the field of science and technology over past few decades in this region. With sweet memory of foundation ceremony by our president Hon'ble Dr. Rajendra Prasad on 14th September, 1956. The institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our Prime Minister Hon'ble Pt. Jawahar Lal Nehru on 14th March 1963. From 1st December 2005, the institute has become the National Institute of Technology. It is well connected with Mumbai, Delhi and all metro cities by regular flights and is on the main Howrah-Mumbai railway route. The institute is 5 km from the Raipur railways station and 18 km from airport on NH-6, the Great Eastern Road.

About Department:

The Department of Computer Science and Engineering came into existence in year 2000. CS&E department is the study, research and work place of approximately 600 students from the 28 states across India. The department provides an outstanding research environment and offers academic program leading to the award of B.Tech, and Ph.D. degree.

Venue:

Department of Computer Science and Engineering National Institute of Technology, G.E. Road, Raipur-492010, (C.G.), India

Speakers: Expert lectures will be delivered by distinguished faculty members from within and outside institute.

Objectives of the Course

This program is intended as an aid to Engineers and Scientists with no prior programming expertise. It will focus on the systematic development of practical programming skills through MATLAB language constructs. Beginning with Matrix Operations, programming in MATLAB, graphics & plotting and writing a MATLAB function, special MATLAB functions and their applications will also be discussed. The workshop will cover Simulink Modeling and GUI development for a variety of applications. It will be as much useful to all the Undergraduate/Masters students of various disciplines as it will be to research scholars and faculty, who intend to use MATLAB as a tool for teaching and research.

Topics to be covered:

- Introduction to MATLAB.
- MATLAB Functions and their Common Applications.
- System modeling and solving Differential Equations.
- Modeling with Simulink and Important Toolboxes.
- Designing Graphical User Interface (GUI) in MATLAB.
- MATLAB/Simulink Demos and Examples.
- Optimization Techniques using MATLAB.
- Various Optimization functions and Toolboxes in MATLAB
- Pattern Search, Genetic Algorithm and Particle Swarm Optimization.
- Simulated Annealing, Firefly Algorithms.
- Selected Case studies in Specified Domains.

Targeted Participants:

- U.G./ P.G. /Ph.D. students
- Faculty members
- Industry members

Selection:

Since the number of seats is limited to **50**, the selection will be made on **first cum first basis**. However, the preference will be given to the outside participants. Intimation regarding selection will be sent to the candidates by e-mail as per the schedule. Certificates will be issued to the participants only after attending the complete course. **No TA/DA will be paid to the participants.**

Registration Fee Details (in INR):

Participants	Amount (in Rs)
UG Students	850/-
PG / Ph.D. Students	1200/-
Internal Faculty of NITRR	1500/-
Faculty/Industry Delegates	2000/-

Applications in prescribed format with registration fee in the form of Demand Draft drawn in favour of "**Director, NIT Raipur**" payable at Raipur, must reach the coordinator on or before **20th August, 2019**. Registration fee includes registration kit, lunch, snacks and hand outs. Certificates will be issued to the participants only after attending the complete course.

Important Dates:

Last Date of Registration: 22nd August, 2019

Workshop Date: 22nd – 26th August, 2019

REGISTRATION FORM
One Week National Workshop
On
“Programming, Simulation and Optimization using MATLAB”
22nd – 26th August, 2019

Organized by
Department of Computer Science and Engineering
National Institute of Technology, Raipur, C.G.

Full Name (Block Letter):

Name of College/Institution/Organization:

Qualification:

Designation:

Address:

Pin code:

Phone No./Mobile No.:

E-mail:

Do you need accommodation: (Yes/ No):

I have enclosed the registration fee of Rs.....by D.D. No

Dated.....in favour of “**Director, NIT, Raipur**” payable at SBI, GCET Branch, Raipur.

Place:

Date:

Signature of the participant

Duly filled registration form must reach to Department of Computer Science and Engineering, NIT-Raipur, before last date of receipt of registration form by post/by hand along with registration fee (DD) or for online registration [Click here](#).