

2nd Workshop on Applications of MATLAB in Engineering and Sciences (WAMES-2021)

December 15-December 19, 2021



COORDINATORS

Dr. Subit Kumar Jain
Dr. Om Prakash Yadav



Organized by
Department of Mathematics & Scientific Computing
National Institute of Technology Hamirpur, H.P.
177005

OBJECTIVE

The objective of the Workshop is to acquaint the participants with MATLAB software that will enhance their programming skills useful for research and development. The workshop is devoted to provide a comprehensive introduction to the MATLAB technical computing environment as well as industrial implementations and applications.

TOPICS

Introduction to MATLAB, Simulink and its applications, Parallel Computing with MATLAB, Numerical Computation, Introduction of Toolboxes such as Symbolic Math, Neural Network, Fuzzy Logic, Image Processing and Communication, Genetic Algorithm, Machine Learning, Deep Learning, and Optimization Toolbox.

SPEAKERS

The resource persons for the program include experts from Industry and centrally funded academic/reputed institutions/research organizations. Some of the prominent speakers include:

- Dr. Rajendra Ray, IIT Mandi
- Dr. Ram Jiwari, IIT Roorkee
- Dr. Dipak Kumar Giri, IIT Kanpur
- Dr. Pushpendra Singh, NIT Hamirpur
- Dr. Praful Pai, MathWorks India
- Dr. Anand Kumar, Avni IT Infratech Ventures Ltd. Chandigarh
- Dr. Deepak Kumar, Acuity Knowledge Partner, Bangalore
- Dr. Hemant Jalota, Equitick India Pvt. Ltd., Greater Noida
- Dr. Krati Gupta, Acuity Knowledge Partner, Bangalore

WHO CAN ATTEND?

- Faculties & Academicians
- Research Scholars
- Industry Persons
- UG/PG Students

ORGANISING COMMITTEE:

Patron	:	Prof. Lalit Kumar Awasthi, Director, NIT Hamirpur
Chairman	:	Dr. Pawan Kumar Sharma, Head, DoMSC, NIT Hamirpur
Convener	:	Dr. Ramesh Kumar Vats, Associate Professor, NIT Hamirpur
Coordinator(s)	:	Dr. Subit Kumar Jain Dr. Om Prakash Yadav
Treasurer	:	Dr. Om Prakash Yadav
Organizing Committee	:	All faculty members.

REGISTRATION PROCESS:

Registration is compulsory for all the participants.

Registration link: <https://forms.gle/NxYdMY4KBnabiPTR6>

Due to limited seats, registered candidates will be shortlisted and intimated for fee submission and further processing.

Participation Fee:

UG/PG/PhD Scholars	:	200/-
Faculty Members/ Academicians	:	500/-
Industry Delegates	:	1000/-


Non-refundable registration fee may be paid through SBI Collect: [Himachal Pradesh →Educational Institute→ NIT Hamirpur → Workshop STC FDP Conference →Fill the details and submit the fee.]

The certificate of participation will be issued only to those candidates who secure more than 80% attendance.

E-certificate will be sent to the participants by e-mail.

IMPORTANT DATES:

Last Date for Registration	:	December 05, 2021
List of Shortlisted Candidates	:	December 07, 2021
Last Date of Fee Submission	:	December 10, 2021
Confirmation of Participation	:	December 12, 2021

 Please check the website for updates.

NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR

National Institute of Technology Hamirpur, Himachal Pradesh is fully funded Institute under Shiksha Mantralaya, Government of India. NIT Hamirpur is one of the premier NITs, designated with the status of "Institute of National Importance". The Institute was established in 1986. The college campus, spread over 320 acres, has lush green outfields and picturesque surroundings facing snow clad Dhauladhar mountain ranges. The institute offers undergraduate, postgraduate courses (B.Tech, M.Tech./ MBA/ M.Sc.), and Ph.D. in leading fields of sciences, engineering, architecture and management. Besides imparting regular teaching, equipped with modern laboratories and excellent infrastructure, the Institute is actively engaged in research, consultancy and developmental activities. For more details, please visit nith.ac.in.

DEPARTMENT OF MATHEMATICS & SCIENTIFIC COMPUTING

The Department of Mathematics & Scientific Computing came into existence in 2009. Previously, this Department was a part of Department of Applied Sciences & Humanities, which was established in 1986. The faculties in the Department are very active in research and teaching. The Department is equipped with modern infrastructural, computing facilities. A new program namely 'B.Tech. in Mathematics & Computing' has begun from the session 2020-21. The Department also runs M.Sc. in Mathematics & Computing.

CONTACT DETAILS:

Dr. Subit Kumar Jain / Dr. Om Prakash Yadav

Coordinators

Department of Mathematics & Scientific Computing,

National Institute of Technology Hamirpur, H.P. 177005, India.

Email: jain.subit@nith.ac.in/opyadav@nith.ac.in

Contact: 92182 26102/ 94101 50156

For more information and updates, please visit:

<https://sites.google.com/view/wames-2021> 