National Workshop on Bioinformatics and Biomedical Image Analysis

NBBIA-2019

Interactive Lectures & Lab sessions by Experts On
Bioinformatics, Genomics, Biomedical Informatics and Their Applications

May 29 - 31 2019

Topics to be covered

- Bioinformatics
- Bioinformatics Resources
- Genomics and Applications
- Biological Sequence Alignment and Analyses
- Homology Modeling
- Molecular Docking
- Biomedical Informatics
- Biomedical Image Analysis
- Biomedical Signal Processing
- MATLAB
- Lab work using Offline and Online Bioinformatics tools, and MATLAB.

Speakers

Dr. Tiratha Raj Singh

Associate Professor and Coordinator, CEHTI,

Department of BT and BI, JUIT

Dr. Ragothaman Yennamalli

Assistant Professor,

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Dr. Nishant Jain

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Workshop Coordinators

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About JUIT

JUIT is spread over 25 acres of lush green picturesque slopes of Waknaghat, in District Solan of Himachal Pradesh, creating a tranquil environment that can heighten the spirit and energy level of all learners and inspire them to optimize their learning efforts.

Centre of Excellence in Health Care Technologies and Informatics (CEHTI)
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About the Workshop: Bioinformatics emerged in early 1970s which was the amalgamation of the Biology, Computer Science, Information Technology, Statistics, Mathematics, and several principles from various other areas. Bioinformatics is the interdisciplinary field of science that uses the associated fields to analyze and interpret biological data. The high usage of information technology in the field of biology increased the career prospects in this field. Use of bioinformatics tools in life sciences have become necessary to analyze experimental data since omics have emerged in this field. The large amount of data is a challenge for the biological and biomedical community. Biomedical signal and image processing is the utmost requirement in current healthcare sectors. With the increase in several lifestyle disease health care is on priority to facilitate human beings through technological interventions. It is anticipated that this workshop will help the biologists, biotechnologists, biomedical scientists and students from all these streams to gain insight into biological and biomedical data analyses. It will also help engineers, mathematicians, statisticians, and computer scientists to explore new dimensions for their academic and research activities.

Application Procedure:
 Send your application to the given email in the provided application form (given on web site). Last date of submission of application is May, 20, 2019.

Registration Fees and Accommodation:
 Registration fee includes all working lunches/tea during the program and registration kit along with study material. Accommodation on sharing basis in JUIT hostels will be facilitated.

Participants	Registration Fee	
	Without accommodation	With accommodation
Students (UG/PG)	1000/-	2500/-
Research Fellows	1500/-	3000/-
Faculty	2000/-	3500/-
Industry/ Others	4000/-	5500/-

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 20th May, 2019 (Registration Closes)