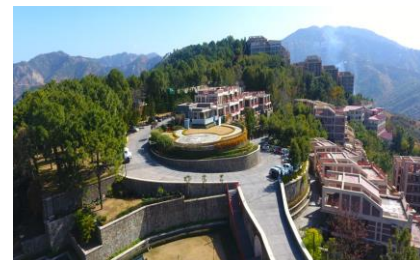**Online Faculty Development Programme**
on
Computational Genomics and Proteomics
(Under the E&ICT Academy, IIITDM Jabalpur)

28th August-10th September 2022 (Time: 6:00-9:00 p.m.)

Organized by

PDPM IIITDM Jabalpur   &   JUIT Solan

COURSE CONTENTS

- Basics of Molecular Biology, Signal Processing, Probability Theory, Machine Learning & MATLAB Programming

- Next Generation Sequencing (NGS)

- Accessing DNA & Protein Data Bases

- Study of DNA and Amino Acid Mapping Schemes

- Genomic & Proteomic Signal Processing

- Statistical Methods for Genomics & Proteomics

- Genomic & Proteomic Data Analysis Using Machine Learning

- MATLAB Bioinformatics Toolbox

- Some open research problems in computational genomics and proteomics

LIST OF SPEAKERS

Prof. L.S.Shashidhara,IIISER, Pune

Prof. B.Jayaram, Emeritus Professor, IIT Delhi

Prof. Rajiv Saxena, Adjunct Professor, JIIT Noida

Dr. Pushpendra Singh, Scientist, ICMR -National Institute for Research in Tribal Health, Jabalpur

Prof. S. N. Sharma, IIITDM Jabalpur

Dr.D.K.Shakya, SATI, Vidisha

Dr.S.D.Sharma, JUIT, Solan

ONLINE PAYMENT

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Indian Participants: Academic (Student/Faculty): INR 500
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Foreign Participants:
SAARC/African countries Academic (Student/Faculty): INR 500
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 Rest of the countries Fee: US$ 60, UK£ 50

REGISTRATION LINK
Register through google form link:
https://forms.gle/ynRb1mEvZPGTjvmx8
or
by scanning the QR code

IMPORTANT DATES
- Registration opens: 5th August 2022
- **Last date for registration: 27th August 2022**
- **FDP dates: 28th August -10th September 2022**

CO-ORDINATORS
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एवं विनिर्माण संस्थान, जबलपुर

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