



वेदी बचाओ वेदी पढ़ाओ



## National Workshop on "Drug Discovery Technology: A Molecular Modelling Approach"

28<sup>th</sup>-30<sup>th</sup> March, 2016

Department of Bio and Nano Technology  
Guru Jambheshwar University of Science & Technology, Hisar-125001, India

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Dr. Sapna Grewal  
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Dear Sir/Madam,

We are pleased to inform you that the Department of Bio and Nano Technology, G. J. University of Science & Technology, Hisar, India is organizing three days Hands on training in Bioinformatics on "Drug Discovery Technology: A Molecular Modelling Approach" in Public private partnership mode in the Ch. Ranbir Singh Auditorium university during 28th-30th March, 2016, under the aegis of DBT-BIF program sponsored by Department of Biotechnology, Govt. of India, New Delhi in collaboration with the University.

The workshop will focus on Drug Discovery Technology by disease target identification through bioinformatics tools which has now been recognized as the cutting edge technology for rapid targeting of emerging diseases. Topics which will be covered during the training include Case Study, Science involved in disease target identification, Virtual Screening, Protein optimization & Energy Minimization, In-silico generation of novel ligands, Molecular docking, Running the docking algorithm, Evaluation of results on basis of binding energy, Protein-Ligand complex Analysis/ H-Bond, ADMET.

The course is best suited for Students- Undergrad, Post Grad, Pre-Doctoral from Biotechnology, Bioinformatics, Pharma, Chemical & Life Sciences background Faculties, Teachers, Scientists from Colleges, Universities, Research Institutions & Company Professionals.

We would appreciate if you kindly attend and participate in the workshop. We also request you to encourage your colleagues and scholars to participate in the workshop. Your kind gesture will encourage and help the organizers in this academic endeavor.

For downloading the brochure and other information, kindly visit our university website [www.gjust.ac.in](http://www.gjust.ac.in)

Looking forward to see you in the workshop,

With Best Regards,

*Namita Singh,*

Program coordinator DBT-HRD & Convener