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JB INSTITUTE OF ENGINEERING & TECHNOLOGY

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niff-Innovation

Faculty Development Program (Online Mode) on

Computational and Experimental Insights into Materials Research (CEIMR-2025)



About the FDP:

The Faculty Development Pro- garu gram (FDP) on Computational and Experimental Insights into J.B. Institute of Engineering and tional Theory (DFT), Molecular cal Education. Dynamics (MD), and Machine Learning (ML) applications in materials research, along with recent developments in experimental characterization and synthesis techniques. Through expert lectures and discussions, participants will gain insights into the latest trends and challenges in the field, interdisciplinary fosterina knowledge exchange. This FDP is designed for faculty. researchers. and scholars seeking to deepen their conceptual understanding computational and experimental materials research.

About the Institute:

fields of Engineering, Medi- development cine, Pharmacy, and Information Technology under the visionary leadership of Chair-

Late Shri J. Bhaskar Rao man Shri and Secretary J.V.Krishna Rao garu.

Materials Research aims to Technology (JBIET), was estabprovide a theoretical under- lished by JBES on the main road standing of advanced ap- at Yenkapally village, Vikarabad proaches in materials science. main road, Moinabad Mandal, The program will cover key Hyderabad-75, with the approvtopics such as Density Func- al of All India Council for Techni-

> The College started functioning from the academic vear 1998-99, initially with four branches and a total intake of 240 students. The present students' strength is around 4000 that comprises the annual intake of 1350 Students from JBIET alone from its 8 branches of B.Tech & M.Tech and one branch of MBA. which makes the highest intake among affiliated colleges of JBIET. Obtained Autonomous status in 2011 from JNTUH. The institute is affiliated to UGC and granted autonomy in 2014.

The college has excellent facilities for extracurricular activities J.B.Educational Society has such as indoor and outdoor been striding to achieve the sports, NSS, Health centre, so objective of excellence in the that the students have overall

Keynote/Guest Speakers



Prof P. K. Ahluwalia, President, IAPT



Prof S. K. Mehta Former VC, University of Ladakh

Expert Speakers



Prof A S Dhaliwal **HOD Physics, SLIET**



Dr Achu Chandran Sr. Scientist, NIIST Kerala Post Doc, Ole Miss, USA



Dr Ajay Sharma



Dr Svlvain Vedraine **Associate Professor XLIM France**



Dr R Balaii Rao Professor, CUJ



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Dr Jagdish Kumar Associate Professor, CUPB



Dr Johann Luder Professor, NSYSU, Taiwan



Dr. Pallab Basuri Post Doc Fellow, ETH Zürich, Switzerland