

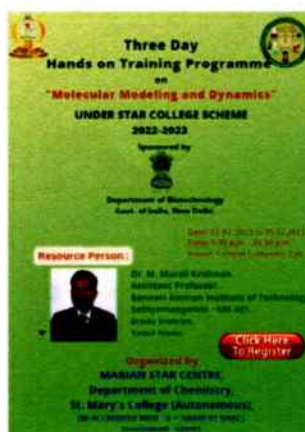
Department of Chemistry

Topic : Hands on training program on Molecular modelling and Dynamics

Date: 13.02.2023 to 15.02.2023

Resource person: Dr. Murali Krishnan, Assistant Professor of Chemistry, Bannari Amman Institute of Technology, Institute of Technology, Sathyamangalam

Invitation



No.of beneficiaries: 71

Photo



Certificate



Report

Hands on Training on "Molecular Modelling and Dynamics" was organized under the star college scheme by the Department of Chemistry, St. Mary's College (Autonomous), Thoothukudi on 13th February, 2023 to 15th February 2023. Dr.Murali Krishnan, Assistant Professor of Chemistry, Bannari Amman Institute of Technology, Sathyamangalam, Erode was the resource person. Training began with a prayer song in the DST computer lab. First he gave an introduction about Gaussian 0.9 and spartan software to draw 3D structure of the molecules. Using spartan software he clearly instructed the students to draw 3D structure of molecules like methane, cyclohexane (boat and chair form) and highlighted the advantage of using Gaussian view software for calculation of energy and bond length. Students of II B.Sc., III B.Sc., Chemistry, Physics, Botany, Zoology and I M.Sc , II M.Sc. Chemistry and II PG Students of Kamaraj College attended the training programme. 71 participants benefited out of this training hands on training programme. Furthermore he trained the students about protein data bank and experimentally determined 3D structures of proteins and its binding nature with ligands.



Head of the Department

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IQAC Co-ordinator

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Principal

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