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Certificate from the Head of Department

This is to certify that research work entitled “**STUDY OF DI-BOSON PROCESSES IN CMS EXPERIMENT AT LARGE HADRON COLLIDER**” is carried out by Ankita Mehta, Ph.D student in the Department of Physics, Panjab University, Chandigarh, under the supervision of Prof. J.B. Singh and Prof. Vipin Bhatnagar, Department of Physics, Panjab University, Chandigarh, and Prof. Nick van Remortel, Department of Physics, University of Antwerpen, Belgium. It is a piece of original work and no part of this work has been submitted for any other degree at this or any other University/institute. It is further certified that the thesis has also been thoroughly checked on anti-plagiarism software and nothing has been found which can be considered as plagiarism.

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