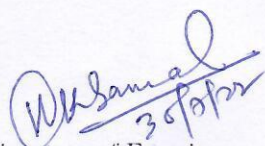


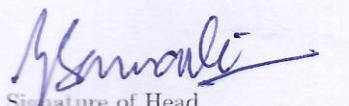
CERTIFICATE

This is to certify that the project report entitled “ **Inner product space and Indefinite inner product space** ”, being submitted by Ajita Barik (Reg No. 17397/20, Roll no 11801FM204002) in partial fulfilment is a bonafide work carried out by her under my supervision and guidance.

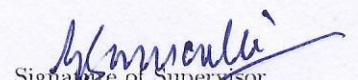
To the best of my knowledge, the result embodies in this project report has not been submitted to any other University or Institution.



Signature of Examiner



Signature of Head
Dr. Gauranga Charan Samanta
Associate Professor
Department of Mathematics



Signature of Supervisor
Dr. Gauranga Charan Samanta
Associate Professor
Department of Mathematics