**ANNA UNIVERSITY: CHENNAI 600 025**



**BONAFIDE CERTIFICATE**

Certified that this project report “**PREVENTING SHADOW ATTACKS BY ENFORCING IMAGE-PIXELS BASED AUTHENTICATION”** is the bona fide work of **T. KEERTHANA (312315205083) and J. JOSELINE JENNIFER (312315205074)** who carried out the project work under my supervision, for the partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Information Technology.

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**(INTERNAL EXAMINAR) (EXTERNAL EXAMINAR)**