

**BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE
PILANI (RAJASTHAN)**

CERTIFICATE

This is to certify that the thesis entitled **Parallel Multipliers: Architectural Exploration and Designing** submitted by **Mr. SUBHENDU KUMAR SAHOO, ID. No 2000PHXF013**, for award of Ph. D. Degree of the institute, embodies original work done by him under my supervision.

Signature in full of the Supervisor

Name in capital block letters:

Designation:

Date:

DR. CHANDRA SHEKHAR

Director

Central Electronics Engineering Research Institute

Pilani