CONTRIBUTIONS TO ARITHMETIC IDENTITIES INVOLVING SUMS OF POLYGONAL NUMBERS, n-COLOR PARTITIONS, RESTRICTED OVERPARTITIONS AND t-CORES

A THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Subhajit Bandyopadhyay Registration No. TZ156124 of 2015 (Enrolment No. MSP18102)



DEPARTMENT OF MATHEMATICAL SCIENCES
SCHOOL OF SCIENCES
TEZPUR UNIVERSITY, NAPAAM-784028, ASSAM, INDIA

DECEMBER, 2023