



आई सी एम आर- राष्ट्रीय प्रजनन एवं बाल स्वास्थ्य
अनुसंधान संस्थान
स्वास्थ्य अनुसंधान ववभाग, स्वास्थ्य और पररवार
मंत्रालय, भारत सरका

ICMR-National Institute for Research
in Reproductive and child Health
Department of Health Research,
Ministry of Health and Family
Welfare, Government of India

CERTIFICATE

This is to certify that, Miss. Mantasha Shaikh, student of MSc (Biotechnology).
Ramniranjan Jhunjhunwla College (Autonomous) has completed four months of
Research Project at the Molecular Endocrinology Lab, Indian Council of Medical
Research- National Institute for Research in Reproductive and Child Health (ICMR-
NIRRCH) during the academic year 2023-2024.

She has completed the dissertation work entitled "**Estimation of Mitochondria
Membrane Potential, Reactive Oxygen Species and Copy Number in woman
with PCOS**" for the partial fulfillment of MSc. (Biotechnology) degree.

This carefully written report represents the experiments and literature related to the
same carried out by her during the period from "13th April 2023 to 20th August
2023.

I found Miss. Mantasha Shaikh to be a sincere and hardworking student. Her overall
conduct was good.

Principal Investigator: Dr. Pallavi Shukla

Signature:

Pallavi Shukla
04/11/23

Date:

Seal of the institute:

