

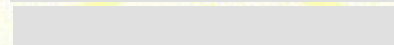
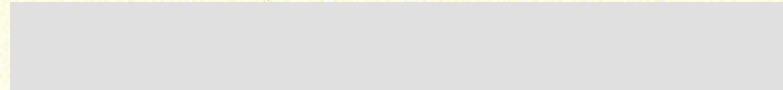


**KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET, DAN TEKNOLOGI**
UNIVERSITAS MULAWARMAN

Nomor 452012022000076

Terakreditasi A berdasarkan Keputusan BAN-PT No. 1466/SK/BAN-PT/Akred/PTV/2017 tanggal 23 Mei 2017

Dengan ini menyatakan bahwa :



Telah menyelesaikan studi dan memenuhi segala syarat pendidikan Strata Satu pada Program Studi **Fisika**
Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Mulawarman pada tanggal 21 Februari 2022

Oleh sebab itu kepadanya diberikan ijazah dan gelar

SARJANA SAINS (S.Si.)
Predikat Sangat Memuaskan

beserta segala hak dan kewajiban yang melekat pada gelar tersebut

Diberikan di Samarinda pada tanggal 12 Mei 2022

Dekan,

Dr. Eng. Idris, M.Si.
NIP 19711008 199802 1 001



Rektor,



Prof. Dr. H. Masjaya, M.Si.
NIP 19621231 199103 1 024

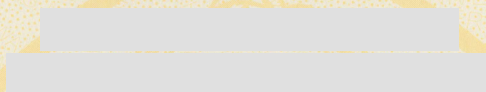
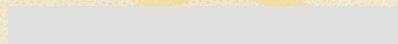
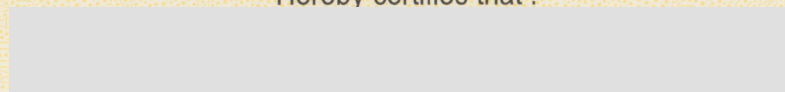


MINISTRY OF EDUCATION, CULTURE,
RESEARCH, AND TECHNOLOGY
MULAWARMAN UNIVERSITY

Nomor 452012022000076

Accredited A based on the Decree of BAN-PT 1466/SK/BAN-PT/Akred/PT/V/2017 Dated May 23, 2017

Hereby certifies that :



Has completed his study and fulfilled all of the educational requirements for Undergraduate Degree at the Study Program of **Physics** of the Faculty of Mathematics and Natural Sciences, Mulawarman University on the 21st of February 2022

Thereby, the following Diploma and Degree are conferred

SARJANA SAINS (S.Si.)
Graduation Notation Very Satisfactory

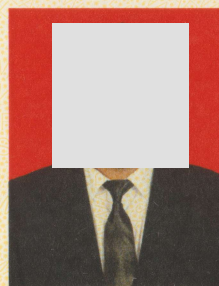
with all of the rights and responsibilities pertaining thereto

Given at Samarinda on the 12th of May 2022

Dean,

Dr. Eng. Idris, M.Si.

NIP 19711008 199802 1 001



Rector,

Prof. Dr. H. Masjaya, M.Si.

NIP 19621231 199103 1 024