

**ARCHITECTURE FINAL PROJECT**  
THE 78<sup>th</sup> period, odd semester of 2020/2021 Academic Year

**FOUNDATION THEORY AND ARCHITECTURAL PROGRAMS**

**BIOPHILIC INTERNATIONAL BASKETBALL  
ACADEMY TO ANSWER A NEW NORMAL ERA**

Apply to meet one of the requirements for a Bachelor of Architecture degree



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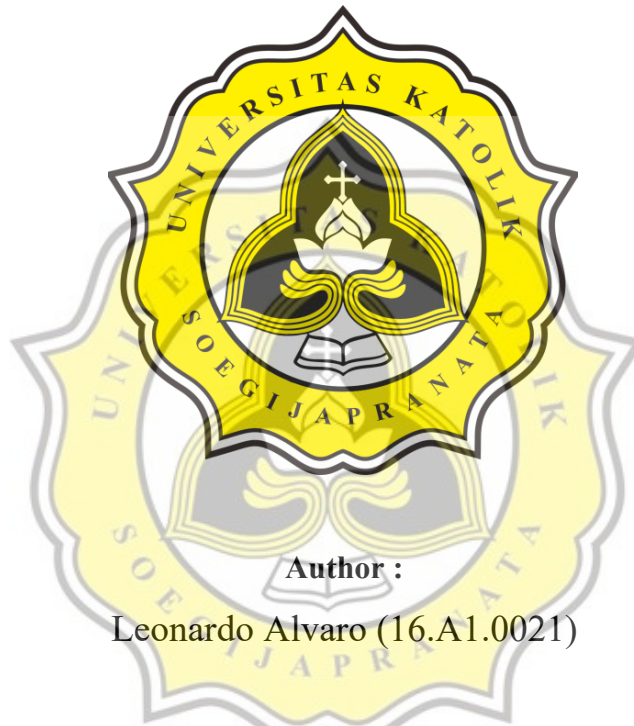
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SOEGIJAPRANATA CATHOLIC UNIVERSITY  
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2021**

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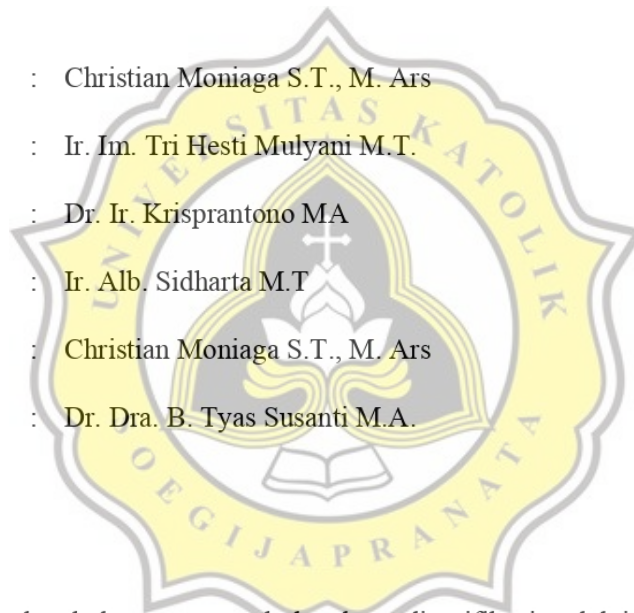
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## HALAMAN PENGESAHAN



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# FOREWORD

Praise be to God Almighty for His grace, so that the theoretical foundation and the LXXVIII Architecture Final Project program with the title 'Biophilic International Basketball Academy to Answer a New Normal' can be completed. On this occasion, thanks are conveyed to: Ir. Yulita Titik Sunarimahingsih, MT selaku dosen koordinator Projek Akhir Arsitektur (PAA) Periode LXXVII (77).

1. Ir. Yulita Titik Sunarimahingsih, MT as the coordinating lecturer of the Periode LXXVII Architecture Final Project (PAA) (78).
2. Christian Moniaga, ST, M.Ars as the lecturer for the Final Architecture Project who has provided assistance, motivation, criticism and suggestions in the preparation of the theoretical foundation and this program.
3. Related parties as resource persons who help provide information and data.
4. Teams of examiners who have provided criticism and suggestions during the trial so as to assist in improving the design design
5. Families who have provided support both materially and prayerfully to complete the design

With the preparation of this proposal, the authors hope that the theoretical basis and program can be useful and provide an overview of the Final Architecture Project 77 entitled Base Camp for Space Colonies on Mars with a Sustainable Energy Approach. The author realizes that this design report is still far from perfect in both the material and presentation technique, given the shortcomings of the author's experience and knowledge. Last, the writer would like to say thank you.

Semarang, 15<sup>th</sup> January 2021



Leonardo Alvaro

## ABSTRACT

At times like this, we are facing a virus called Coronavirus Disease (COVID-19). Everything has changed and everyone is forced to build a new routine that we call a “new normal”. All activities require new adjustments, including basketball sport. The rules provide broad guidelines and can be applied to various aspects of life.

The application of one-way circulation can minimize physical contact between users or athletes. Not only the application of open space, but the use of building materials also affects the health and psychology of users during activities, the Glulam structure is the right choice because Glulam wood has fairly good fire resistance, has a low carbon footprint so it is safe for health.

Indonesia has a lot of potential athletes, but the problem is that they haven't got a good place to get learning according to international standards (NBA / FIBA Guide). Through this basketball academy, it is hoped that Indonesia will be able to produce more athletes who have the potential and are ready to compete at the international level.

Keywords: basketball academy, covid-19, glulam, health, international standards, new normal.



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