

**NEUTRAL DIGESTIVE FIBER DIGESTIBILITY OF GOATS FED DIETS
WITH GRADED LEVEL OF CHITIN AND CHITOSAN FEED ADDITIVES
FROM SNAIL SHELLS**

BY

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BENIN CITY, NIGERIA**

MARCH, 2026
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GRADED LEVEL OF CHITIN AND CHITOSAN FEED ADDITIVES FROM SNAIL
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A PROJECT SUBMITTED TO THE DEPARTMENT OF ANIMAL SCIENCE FACULTY OF
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IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF THE BACHELOR OF
AGRICULTURE HONOURS, DEGREE IN ANIMAL SCIENCE, OF THE UNIVERSITY OF BENIN,
BENIN CITY, NIGERIA

MARCH, 2025
CERTIFICATION

This is to certify that this project was carried out by Favour Osetohamen OTAIGBE, with the Matriculation Number AGR2000111, of the Department of Animal Science, Faculty of Agriculture, University of Benin, Benin City, Nigeria.

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DEDICATION

This project work is dedicated firstly to Almighty God, for guidance, strength and mercies all through the course of my study in the University of Benin, to my Parents (Dad and Mom) for the continued support and love.

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ABSTRACT

The study investigated the chemical composition of chitin and chitosan fed diets, and their effects on goat's neutral detergent fiber (NDF) digestibility.

Twelve (12) West African Dwarf goats were randomly assigned to six dietary treatments (control, chitin at 3% and 6%, chitosan at 0.5% and 1%, and 0.01% oxytetracycline), alongside guinea grass at a ratio of 50:50. Chitin and chitosan were extracted using chemical processes involving demineralization, deproteinization, and deacetylation, while diets chemical compositions were analyzed, The NDF value (%) range from 25.00 to 93% with control and 6% chitin having the least and highest values respectively and were significantly different ($P<0.05$) from each other. Results showed significant differences ($P<0.05$) in NDF intake and digestibility across treatments were not significantly different.

The study concludes that chitin and chitosan from snail shells had no negative influence on NDF intake and digestibility. This approach offers a sustainable and value-added use of snail shell waste in animal nutrition.

**STUDENTS' PERCEPTION ON THE IMPACT OF ARTIFICIAL INTELLIGENCE (AI)
ON THE ACADEMIC PERFORMANCE OF UNIVERSITY OF BENIN STUDENT**

BY

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SEPTEMBER, 2025

**STUDENTS' PERCEPTION ON THE IMPACT OF ARTIFICIAL INTELLIGENCE (AI)
ON THE ACADEMIC PERFORMANCE OF UNIVERSITY OF BENIN STUDENT**

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BY

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STATE, NIGERIA.**

**SEPTEMBER, 2025
DECLARATION**

This project is based on a study undertaken by Olague Blessing, in the Department of Mass Communication, Faculty of Art, under the supervision of Dr. Chukwunonso Nnabuike. All ideas are the products of my personal research where the views of others were used, they were duly acknowledged.

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CERTIFICATION

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DEDICATION

This research work is dedicated to God Almighty for his guidance, strength and wisdom during the period of this study.

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ABSTRACT

The study concentrated on how UNIBEN students perceived the effect of AI on their academic achievement. The study's goals were to find out how UNIBEN students perceive the impact of artificial intelligence (AI) on their academic performance, what kind of impact AI has on UNIBEN students' performance, and what obstacles UNIBEN students face when utilising AI to improve their academic performance. With 398 questionnaires given to UNIBEN students, the study's theories were the uses and pleasure theory and the technological determinism hypothesis. To collect data for the study, the survey research design was used as part of the research technique. According to the study's findings, the majority of UNIBEN students concurred that artificial intelligence (AI) had a favourable effect on their academic performance and has greatly enhanced their ability to complete tasks. However, UNIBEN students' usage of AI tools and platforms is hampered by issues including erroneous responses and reliance on AI for critical thinking. Therefore, among other recommendations, the researcher suggested that the government establish subsidies to lower the cost of data subscriptions for educational purposes so that students can afford online courses, including AI tools. The researcher also recommended

that UNIBEN management should ensure that there is a course outline that pertain to AI and its use to improve students understanding and students should also be encouraged to work on AI related projects that solve real world problems.