




## INTRODUCTION

Due to the COVID-19 pandemic, educational institutions shifted assessments to virtual platforms to evaluate students' academic achievement. The sudden change to online examination might increase students' anxiety levels. The online examinations may have an impact on student academic performance by contributing to online exam anxiety.

## OBJECTIVE

- To assess the online exam anxiety level among FSMP year 2 students
- To identify the factors associated with online exam anxiety level
- To investigate the relationship between online exam anxiety and GPA

## METHODOLOGY

-  Cross sectional study
-  Convenience sampling
-  Faculty of Food Science and Nutrition, UMS

- Online questionnaire
- Online Exam Anxiety Scale
- 20th - 27th December 2022

**Inclusion criteria:**  
FSMP Year 2 students who attended online exam on semester 1 academic year 2021/2022

**Statistical Analysis:**  
1.Descriptive analysis  
2.Fisher's exact test  
3.One way ANOVA

## RESULT & DISCUSSION

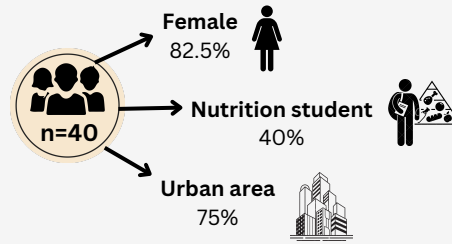


Fig 1. Socio-demographic characteristics

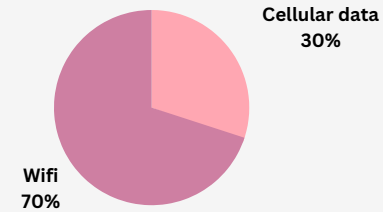


Fig 2. Internet connection types used during online exams

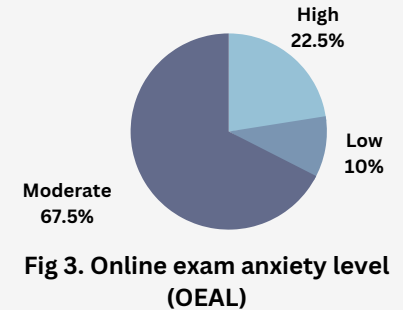


Fig 3. Online exam anxiety level (OEAL)

Table 1. Association between socio-demographic characteristics & internet connection types used with online exam anxiety level

Variables		p-value
Gender	Female	0.175
	Male	
Programme	Nutrition	0.272
	Others (Food science, Food technology & Food service)	
Residence	Urban	0.665
	Rural	
Internet connection types	Wifi	0.411
	Cellular data	

Fisher's exact test ; statistical significance at  $p < 0.05$

Table 2. Difference in mean GPA between online exam anxiety level groups

OEAL	Mean GPA	p-value
Low	3.44	0.656
Moderate	3.34	
High	3.24	

- No significant association between socio-demographic characteristics & internet connection type with OEAL. Findings similar with previous study (Prakasha et al., 2021) in terms of gender.
- Findings in contrast with previous study (Prakasha et al., 2021) that showed negative correlation between OEAL and student academic performance.
- Students may already be familiar with the online exam setting and hence feel less anxious about online exams.

## CONCLUSION

- Most of the FSMP year 2 students has moderate online exam anxiety level.
- Gender, programme, residence and types of internet connection used are not significantly associated with online exam anxiety levels.
- No significant relationship between online exam anxiety level and GPA among FSMP year 2 students.

## REFERENCE

- 1.Arora, S., Chaudhary, P., & Singh, R. K. (2021). Impact of coronavirus and online exam anxiety on self-efficacy: the moderating role of coping strategy. *Interactive Technology and Smart Education*, 18(3), 475-492. <https://doi.org/10.1108/itse-08-2020-0158>
2. Joshi, A., Vinay, M. and Bhaskar, P. (2020). Impact of coronavirus pandemic on the Indian education sector: perspectives of teachers on online teaching and assessments. *Interactive Technology and Smart Education*, doi: 10.1108/ITSE-06-2020-0087.
3. Prakasha, G. S., Hemalathaa, K., Tamizh, P., Bhavna, B., & Kenneth, A. (2021). ONLINE TEST ANXIETY AND EXAM PERFORMANCE OF INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAMME STUDENTS UNDER E-PROCTORED EXAMS AMID COVID-19. *Problems of Education in the 21st Century*, 79(6), 942-955. <https://doi.org/10.33225/pec/21.79.942>