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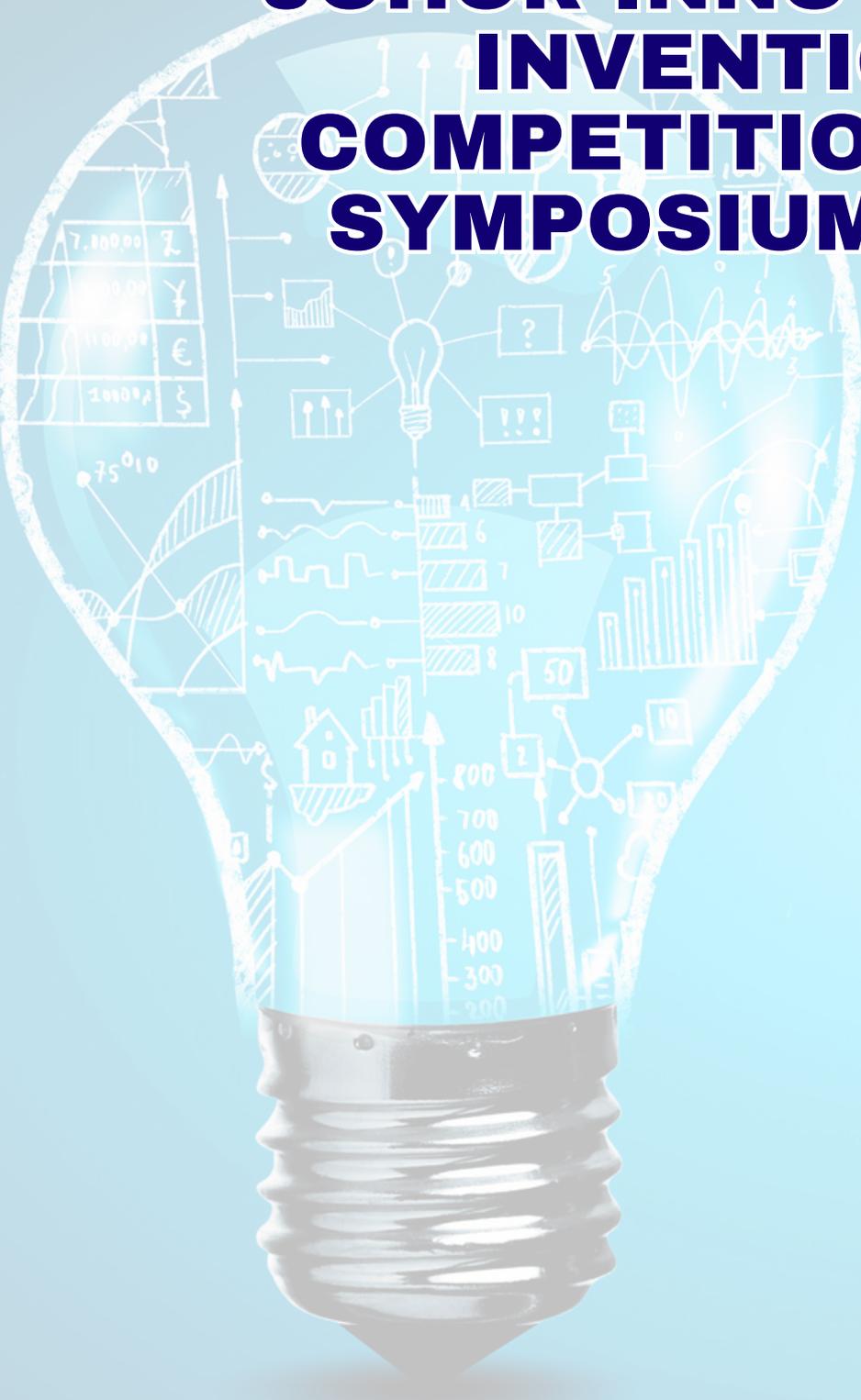
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**JOHOR
INNOVATION
INVENTION
COMPETITION
AND
SYMPOSIUM
2023**



" Innovation Inspires a Society
to be Critical and Creative"

JOHOR INNOVATION INVENTION COMPETITION AND SYMPOSIUM 2023



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"Innovation Inspires a Society to be
Critical and Creative"

Editors-in-Chief

**AHMAD KHUDZAIRI KHALID
NUR INTAN SYAFINAZ AHMAD**



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**Cawangan Johor
Kampus Pasir Gudang**

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Preface

In the name of Allah, the Almighty who gives us the enlightenment, the truth, the knowledge and with regards to Prophet Muhammad (peace be upon him) for guiding us to the straight path. We thank to Allah for giving us guidance and strength to write this e-book.

This e-book compiles the extended abstracts that submitted to Johor Innovation Invention Competition and Symposium 2023 (JIICaS2023), where JIICaS2023 is a virtual platform for all creative minds to share and present their invention and innovation. The extended abstracts are divided into two categories, which are Category A (Higher Educational Student/ Any Recognized Institutional Students in Malaysia) and Category B (Primary/ Secondary School Students / Special Education School Students in Johor). Each abstract gives a brief background on the innovation or project.

We hope that this e-book will help the readers to get to know the innovation done by the students from both categories and get some ideas to develop future innovation products.



UITM STUDENTS' ACADEMIC AND CURRICULUM BALANCING

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ABSTRACT

Academic and Curriculum balancing becoming interesting subject to be studied. Academics are really important to our future and life. Without an academic certificate, we cannot pursue our studies or find a better job. On the other hand, curriculum can help students to boost their confidence, release their stress or just to keep on the merits for next semester. Balancing academic and curriculum activities at the same time may be possible for some students with flying colours, but it can have negative impact on their studies for others who are struggling with their academics. The purpose of the investigation is to see if UiTM students can balance between their academic and curriculum activities well. We also want to investigate whether joining a curriculum activities affect their studies and schedule despite the busyness that they need to go through. Based on the finding most students actively follow curriculum activities despite their busy schedule for academics. Various initiatives has been done to divide time between academic and curriculum. Half of the respondents felt that it was quite difficult for them to balance both academic and curriculum as a student, but according to the opinion of the respondents, almost most of them did not experience the disruption of the curriculum to their studies. Nevertheless, based on the survey most of the respondents got average and excellent results. Therefore, it can be concluded that almost all UiTM students can divide their time well for academics and curriculum despite having a busy daily schedule.

Keywords: Academic, Curriculum, balancing, busy.

1.0 INTRODUCTION

Most people are familiar with Academic and Curriculum activities that are held in our primary school, secondary school and university. Some universities have already removed all curriculum from their course curriculums. Academics are really important to our future and our life. Without an academic certificate, we cannot pursue our studies or find a job. Nowadays, company tend to hire academic people that have more knowledge and experience on the respective field. As a student, academic certificates really help students in a competitive job market in the future. Those certificates are really important to their career. Academies also proven will increase your credibility in your academic record and people will also acknowledge you as a student and person itself. Besides that, academics also can help connect with other people with professional and network connections.

On the other hand, curriculum also helps in our academics because every curriculum in every university is different. Some of the students think that curriculum can help them to boost their confidence, release their stress or just to keep on the merits for next semester. All curriculum subjects have practical events that interact with people. Those practical really help the

students to build their confidence with strangers. For example, there are a few club curriculums that need to do events such as do business, set up a program and many more. These can help students in the future set up programs or large events that include facilitators and invitations. Aside from that, the curriculum can help students relieve the stress of studying.

Furthermore, balancing academic and curriculum activities at the same time may be possible for some students with flying colors, but it can have an impact on their studies for others who are struggling with their academics. Students who continue their studies in university information technology (UiTM) are well aware that curriculum is one of the subjects they must pass. If the student did not pass or did not register the subject, the student will not pass to graduate and they have to repeat and register the subject curriculum again. With this research, we can see whether the students are satisfied with their academics while balancing their life with curriculum.

This research is to analyze the statistics of the academic and curriculum balancing among UiTM students. Despite the busy schedule between academics and curriculum, students still manage their time and schedule. Academics and extracurricular activities are very important to our CGPA. Most students have taken advantage of this by participating in a variety of on-campus activities. Civil engineering, mechanical engineering, electrical engineering, chemical engineering, and business management are among the courses offered at UiTM Pasir Gudang. By looking at the courses offered at UiTM Pasir Gudang, there must be a probability that students will fail in certain subjects, and some have a feeling of giving up on the subjects they are studying. The curricular offers at UiTM Pasir Gudang have many variations. Among them are academic clubs, sports clubs, cultural clubs, and so on. The credit that has been set at UiTM Pasir Gudang is a maximum of 22 credits. With this, most students register 5 to 8 subjects in a semester to meet the credit requirements. Between these many subjects, there must be difficult subjects, and each subject has an assignment and test. For assignments, there are groupings and individual options. The intention of our Google Form is to find out how they divide their study time and curriculum.

The purpose of the investigation is to determine how well UiTM students manage their academic and curriculum. In addition, we also want to investigate whether joining a curriculum activities affect their studies and schedule despite the busyness that they need to go through. In conclusion, with this research, we can get to know if the respondents are active in academics and curriculum. Furthermore, we will get to know their own opinion about whether non-creditable clubs should be included in the university syllabus.

2.0 OBJECTIVES

The following are the overall objectives of this study:

1. To identify spare time students per week
2. To identify main purpose for joining curriculum
3. To identify difficulties in balancing both academic and curriculum
4. To analyze busyness as a student

3.0 DESCRIPTION OF DATA

3.1 Population And Sample

A population can be defined as including all people or items with the characteristic one wishes to understand. Time spent in making the sampled population and population of concern precise is often well spent

Sample is a subset of people that are chosen from the population. The sample for our survey is 80 respondents who are students from UiTM in Malaysia.

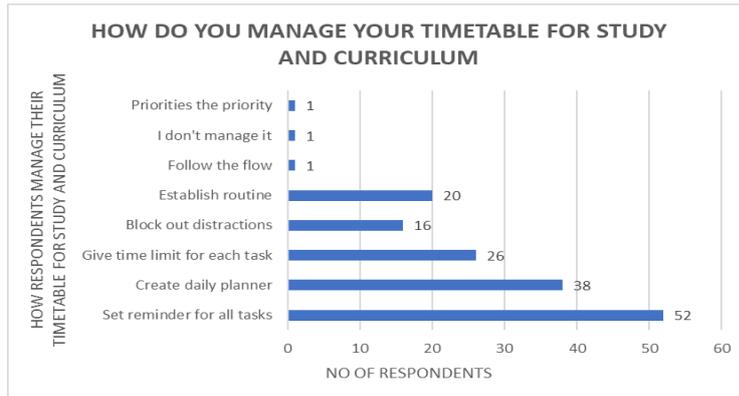
3.2 Sampling Techniques

The sampling techniques used in each study depends on the characteristics of the population of interest and the sampling techniques that are suitable for this research survey is Convenience.

3.3 Data Collection Method

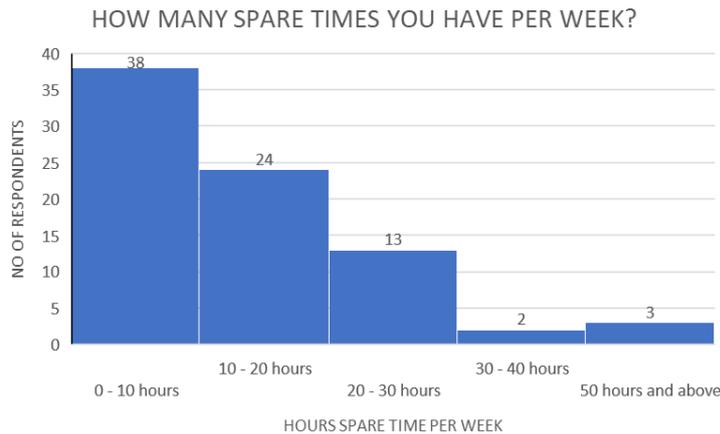
We used the Internet Survey and it has the option to post questionnaires online & invite the public, which is UiTM's students, to participate in the survey and submit their response. After about 1 month, we finally received about 80 respondents which are from UiTM's students all over Malaysia.

4.0 RESULTS



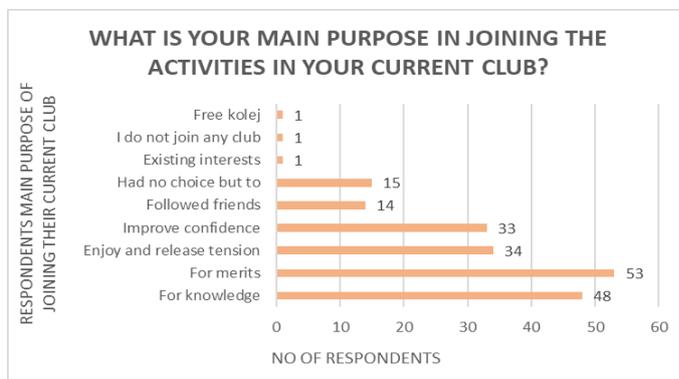
This bar chart shows how to manage the timetable for study and curriculum that is most often practiced by the respondents is to set reminders for all tasks, which is a total of 52 students. The second choice made by the students are create daily planner.

Bar Chart of How Students Manage Timetable for Study and Curriculum



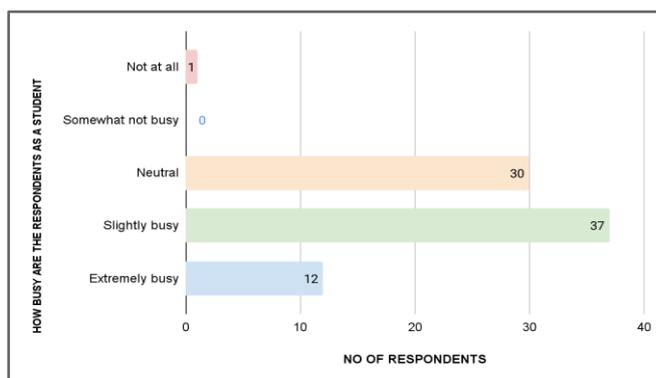
The histogram shown that most of the students have approximate 10 hours per week for their spare times. 30 hours to 40 hours has been chosen to be the least spare times students has per week.

Histogram of How Many Spare Times Students Have Per Week



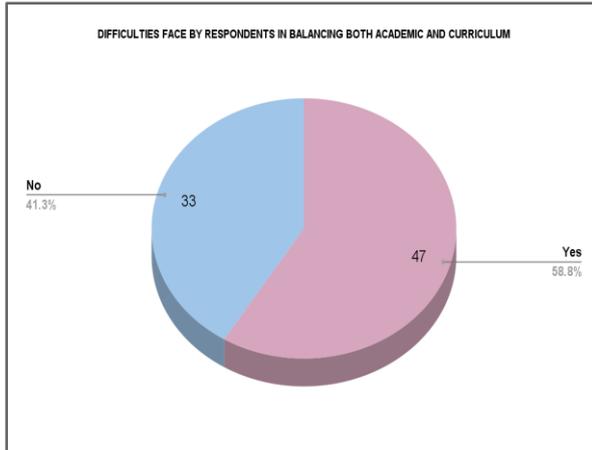
Based on the bar chart, the main purpose of respondents to get involved in club activities is because of merits, which is the best choice with 53 respondents followed by the purpose to gain knowledge with a total of 48 respondents. The least reason students joining club are to get free college and interesting activity.

Bar Chart of Purpose Students Joining Activities In Club



According to the bar chart, 37 respondents are slightly busy with their present club, 30 are neutral, and 0 are considerably not busy at all.

Bar Chart of Busyness As A Students



According to the pie chart above, 47 respondents (58.8%) reported difficulties managing academic and curricular demands, whereas 33 respondents (41.3%) reported no trouble balancing academic and curriculum needs.

Pie Chart of Difficulty Balancing Academic and Curriculum As Students

5.0 CONCLUSION

In conclusion, we have obtained a total of 80 respondents consisting of UiTM students from almost all over Malaysia to answer the survey that we gave titled academic and curriculum balancing among UiTM students. The survey we conducted was only to find out how smoothly and effectively the students manage their time and their time in dividing academic activities and curriculum. According to the survey, almost all of them were answered by female students, 66 people and the rest were 14 people who were male students, it was found that almost most of them were between the ages of 18 and 23 and were diploma students. Respondents also consist of students from various semesters and what can be concluded is that 70 out of 80 respondents have as many as 6 and above subjects. They also actively follow curriculum activities in dividing their schedule for academics. Various initiatives they take to divide time well and organized even though they have less free time for themselves. Half of the respondents also felt that it was quite difficult for them to balance both academic and curriculum as a student, but according to the opinion of the respondents, almost most of them did not experience the disruption of the curriculum to their studies. Based on the survey, most of the respondents got average and excellent results.

So it can be seen that almost all UiTM students can divide their time well for academics and curriculum despite having a busy daily schedule. They prove that by managing their time well it does not prevent them from being active in the curriculum activities carried out on their respective campuses. This shows that the curriculum actually gives space for students to show their creativity and challenge themselves to become more independent and create integrity. Although there are students who do not agree with the creation of this curriculum subject, what can be seen is that there are still many students who give a positive view of this implementation through the survey we conducted.

Some students are having a hard time because of the packed schedule. Also, UiTM encouraged students to take part in any activities that were held by each campus and college. Furthermore, students are becoming fatigued as a result of the packed classes and must participate in activities organised by them. So, they are having a hard time scheduling their own time, but they manage to schedule their time and divide their time with studying and their private lives. Some students are complaining that between one subject and another are closed. Also, they do not have time to eat, pray or rest for a while. Because of the packed schedule, they need to rush to the next class.