

## POINT TO PONDER: A story about research

In other words, a literature review must be completed before any research is conducted. This is to make sure that we actually comprehend the goal of the study and that the right data collection technique is being used.





As was mentioned in the previous session, examining prior research incorrectly could lead to significant misunderstandings in our own study. Next, it must be used in conjunction with the appropriate technique. The right approach to gather data and do analysis is what's meant to be understood here.





The term "literature review" is only two words, yet it means a lot. Because of literature, research must be grounded in genuine studies that have been formally documented by other researchers. Review implies that in order to determine the true situation, all of the collected data must be examined and evaluated. You are to conduct the review.





We will learn how to identify the findings of earlier scholars' investigations in this session. We require prior study papers from research journals in order to conduct scientific research. Although they can be used, reading materials such as magazines, newspapers, tabloids, and interviews cannot be used to make convincing arguments.





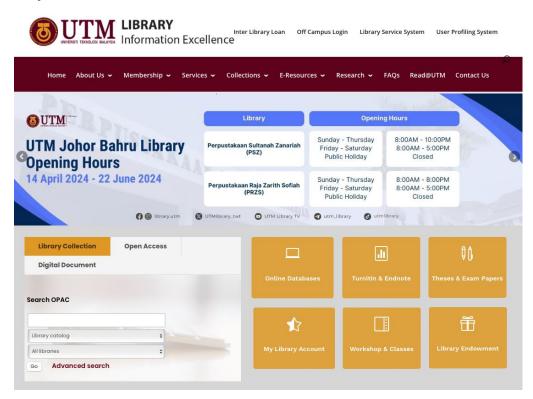
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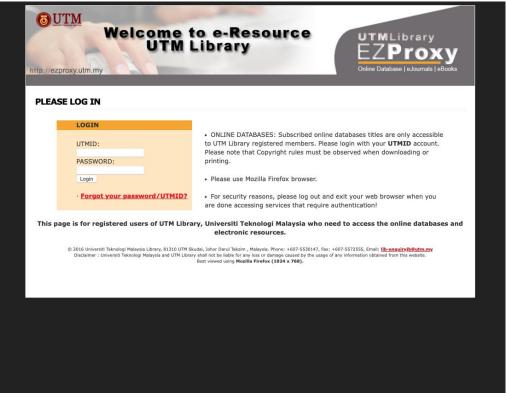
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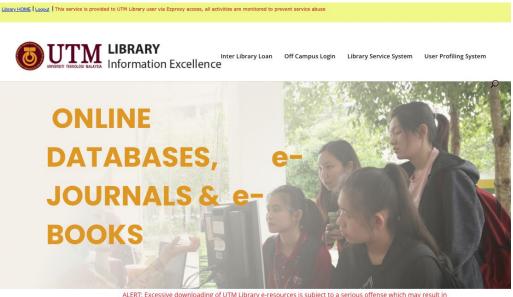
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On the other hand, you are strongly advised to explore the SAE website if you are looking for research on automobiles. The best collection of automotive research is found at SAE, an association for the automobile industry.

https://www.sae.org/publications/journals







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Overview Author Resources Reviewer Resources

#### SAE International Scholarly Journals

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One source of information about studies on palm oil could be the Malaysian Palm Oil Board (MPOB) journal.

http://jopr.mpob.gov.my











Additionally, the Jurnal Tribologi was organised by the Malaysian Tribology Society (Mytribos). Numerous tribology-related papers are published here.

https://jurnaltribologi.mytribos.org











Students can also use the search site offered by the UTM Faculty of Mechanical Engineering to find research projects completed by faculty members. You have two options for searching: utilise the URL below or type "Mechypedia" into Google.

https://mechypedia.com





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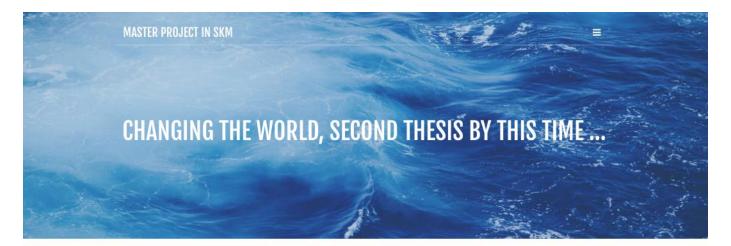


It is also suggested that students look around this website. This website offers a range of resources to help students with everything from Master Project registration to presenting their thesis to faculty. This page offers access to plenty of interactive information.

https://masterproject.c23434.net







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#### INTRODUCTION

A Master Project is an individual research work conducted by a "Master by Taught Course" student as a part of the requirements for the award of Master degree for the following programmes:

- Master of Science (Mechanical Engineering) MEMM
- Master of Science (Industrial Engineering) MEMI

It is a systematic and an appropriate individual training to conduct an original research or to further investigate an existing work. A Master Project consists of a range of analytical and research skills which are generally transferable lifetime skills of value now and in subsequent careers.

The goal of this programme is to improve the skill and knowledge of engineers in various aspects of mechanical engineering and their applications, so that they will be more capable to handle their jobs and responsibility professionally.



