



اونیورسیتی تکنیکل ملیسیا ملاک

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

UTeM POSTGRADUATE Association (UPgrade) Annual Activity Report 2018/2019



UTeM Postgraduate Association
(UPgrade)

UTeM Postgraduate Association (UPgrade)

Pusat Pengajian Siswazah

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UTeM Postgraduate Association (UPgrade) 2018/2019

<i>Program</i>	: 1st Annual General Meeting UPgrade
<i>Program Type</i>	: Non-Academic
<i>Date</i>	: 13 th November 2018
<i>Venue</i>	: Auditorium PPS
<i>Program Director</i>	: Ts. Mailasan Jayakrishnan

The 1st AGM of UPgrade was conducted after UPgrade was officially registered as an Association under section 58. (1) the establishment of another student body that refers to the constitution of UTeM and the registration number is UTeM/PP/(Kelab)/006/2018 created on 17/10/2018.

The AGM was extremely informative, transparent, open, positive and set the tone for the upcoming year. Moreover, this is a good opportunity to be informed and ask questions regarding UPgrade and activities for postgraduate students through information sharing sessions open to all members and postgraduate students of UTeM.



UTeM Postgraduate Association (UPgrade) 2018/2019

<i>Program</i>	: Booth Game of UPgrade 14 th UTeM Convocation 2018
<i>Program Type</i>	: Non-Academic
<i>Date</i>	: 26-27 th November 2018
<i>Venue</i>	: Dewan Canselor
<i>Program Director</i>	: Faruq Hakimi Baharuddin

Universiti Teknikal Malaysia Melaka (UTeM) Convocation was held on 26 to 27 November 2018 to celebrate the graduation of students for the year 2018 which located at the Convocation Hall of UTeM Main Campus Durian Tunggal, Melaka. This year the UTeM Convocation was held with the theme of "Graduate Innovative Generating Industrial Revolution" and as usual convocation is a part of the agenda in conjunction with the 14th Ceremony of UTeM Convocation, which lasted for two days in a row for the award of four sessions.

This time, the UTeM Postgraduate Association also known as UPgrade has taken one of the events known as the Booth Game of UPgrade and managed to interact and carry out the activities at the site. The game, called "Tin Bowling" was successfully attracting participants. This activity also encourages participants to build relationships with each other, especially postgraduate students and undergraduates.



UTeM Postgraduate Association (UPgrade) 2018/2019

<i>Program</i>	: <i>Workshop on Formatting Thesis Using MS Word</i>
<i>Program Type</i>	: Academic
<i>Date</i>	: 9 th February 2019
<i>Venue</i>	: Bilik Kuliah 5, PPS
<i>Speaker</i>	: Dr. Mohd Zuli Jaafar (UiTM)
<i>Program Director</i>	: Ts. Mailasan Jayakrishnan

The focus of the workshop is to gather and brainstorming the ideas from top management staff, lecturers and students in rechecking the existing format of a postgraduate thesis. It is crucial because the students were able to accomplish a quality research thesis to be submitted at the end of the studies.

Dr. Zuli introduced the MZJ Formatting Method and how it works on Microsoft Word. The workshop involved four (4) modules:

Module 1 - Setting your pc for formatting to ensure smooth formatting. Style option to set your template and the functions of Quick Access Toolbar and Shortcut Key.

Module 2 - Understanding the template file with the .dotx file extension. Such as indent, hanging and spacing terms to be modified in style setting, implementation of one dotx file for many docx files so that we can adjust the template without interrupting the content of the thesis.

Module 3 - Format of the body of the thesis. Such as style of the heading of every chapter, paragraphs, captions, tables, diagrams, page orientation and cross-references in order to produce a quality thesis.

Module 4 - An overview of the full content of the template. The full content of the thesis includes Page Numbering steps, inserting many chapters into one file and vice versa.



UTeM Postgraduate Association (UPgrade) 2018/2019

*Program : NEW POSTGRADUATE STUDENTS REGISTRATION FOR SEMESTER 2
2018/2019*

<i>Program Type</i>	: Non-Academic
<i>Date</i>	: 14 th – 15 th February 2019
<i>Venue</i>	: Bilik Kuliah 5, PPS

Registration for new postgraduate students in UTeM open twice a year, each at the beginning of Semester 1 and 2 follow the academic calendar. Students have two options for Master study: by research and by coursework, where Ph.D. can only be completed by research mode.

We as UPgrade committee mean to give a little helping hand to the postgraduate students out there from what we're capable to provide. Organizing seminars, workshops, bonding events and participate in postgraduate related activities are things we commonly do. Postgraduate students' registration in Semester 2 2018/2019 lasts for 2 days from 14 to 15 February 2019 in Bilik Kuliah 5, PPS.

In both days, 4 representatives from us are there to promote the new branding of postgraduate association: UPgrade, which has just established for less than one year. Besides, we also help in introducing the Very Important Person's in the faculty (PPS Dean), and some useful portals (e.g.: PPS website, FB page, SMP, student mail) to the new students.



UTeM Postgraduate Association (UPgrade) 2018/2019

Program	: Sharing Session on Research Proposal Défense & Research Tools
Program Type	: Academic
Date	: 6 th – 7 th March 2019
Venue	: Auditorium and Meeting Room, PPS
Speaker	: i. Prof. Datuk Dr. Izadin bin Abdul Majid ii. PM Dr Ahmad Zaki bin Shukor iii. Dr Nurulizwa binti Abdul Rashid

1. Proposal Defense: Social Science (by Prof. Datuk Dr. Izadin) 6th March 2019

This seminar discussed the elements in the proposal and how to come out with a good and acceptable proposal during proposal defence.



2. Proposal Defence: Technical (by PM Ahmad Zaki) 7th March 2019

This seminar discussed the technical issues when we made a defence proposal. A defence proposal is to: ensure the quality of research proposals, the previous study compared, revealed the results expected well-written and well-planned methodology.

The defense proposal is to ensure that students focus well with in-depth knowledge of their research.



3. Research Tools: SEM (by Dr. Nuruliwa) 7th March 2019

This seminar discussed the SEM research tools that are widely used for research analysis.



UTeM Postgraduate Association (UPgrade) 2018/2019

Program : 3 Minute Thesis Competition 2019

<i>Program Type</i>	: Academic
<i>Date</i>	: 21 st March 2019
<i>Venue</i>	: Meeting Room, PPS
<i>Program Director</i>	: Wong Rui Zhen

This year, our university level 3MT competition has completed on 21st March 2019 in the Main Meeting Room, PPS. On that day, registration started at 9:00 morning and everyone had their breakfast before the competition begins. A short greeting to the floor and welcoming message to our special guests which are: Datin Dr. Suraya (FPTT), PM Dr. Hidayat (FKE), and Dr. Lee (PBPI) as the competition judges to evaluate our candidates.

A total of 15 candidates involve competing in 3 categories: Engineering, Social Science and ICT. However, the competition runs in a combined session and begins after a brief explanation of the rules, started with Master and then followed by Ph.D. candidates. All presentations finished in 2 hours, with a 15 minutes short break in the middle. Before the event ends, each panel provides concluding remarks as input for candidates to perform better in future research presentations.

After a discussion with the UPgrade counselor and communication with the potential candidates, two (2) of the winners from this university-level 3MT are selected as the candidates the participate in the National Level 3MT. Before that, three (3) coaches have invited to train the candidates which are: Dr. Nurulizwa (FPTT), PM Dr. Hidayat (FKE), and Dr. Lee (PBPI), to polish up the candidate presentation skills, slides, and scripts respectively. The 2019 National Level 3MT was hosted by UPSI on 25th June 2019. Five (5) of us have joined the journey, which includes: Dr. Hyreil Anuar Kasdirin (Staff), Ts. Mailasan Jayakrishnan (AJK), Wong Rui Zhen (AJK), Rammah Ali Hussien Al-Ahnomi (Candidate: Engineering), and Hoo Chai Sing (Candidate: Social Science).



UTeM Postgraduate Association (UPgrade) 2018/2019

<i>Program</i>	: <i>Workshop on PLS-SEM Using SmartPLS 3.0</i>
<i>Program Type</i>	: Academic
<i>Date</i>	: 4 th April 2019
<i>Venue</i>	: Bilik Makmal Pascasiswazah, PPS
<i>Speaker</i>	: Assoc. Prof. Dr. Nor Aziati Binti Abdul Hamid
<i>Program Director</i>	: Neerosha Rajah

This workshop focused on the use of Partial Least Squares - Structural Equation Modeling (PLS-SEM) in management and social sciences. The present workshop intended to use SmartPLS software to perform PLS-SEM analysis in two steps; step one is measurement model assessment, and step two is a structural model assessment.

This workshop was about the use of Structural Equation Modeling (SEM) when ordinary assumptions such as multivariate normality and large sample size are not met. These situations would require the use of a special method for SEM, namely, the Partial Least Squares (PLS) method. In this workshop, the use of a sophisticated statistical software SmartPLS for assessing the SEM models was demonstrated. This workshop also engaged SEM researchers in “hands on” activities relating to the use of SmartPLS to assess the SEM. As opposed to covariance based on SEM approaches (exemplified by software such as AMOS, LISREL or EQS) which require normality assumption and sufficiently large data, the PLS method has been shown to have less restrictive requirements for sample size, missing data and data distribution characteristics (e.g. normality, skewness, kurtosis, etc.). Numerous research articles reporting PLS-based SEM analyses have been published in leading journals, including MIS Quarterly, Information Systems Research, and Journal of Management Information Systems, among others. Participants were required to bring laptops and to download and install the (currently free) SmartPLS software, and sample data sets, prior to the workshop. Then, in the workshop, participants were instructed on how to use SmartPLS in ‘live’ SEM modeling exercises.



UTeM Postgraduate Association (UPgrade) 2018/2019

<i>Program</i>	: <i>Workshop on Effective Research Article Reading for Postgraduates</i>
<i>Program Type</i>	: Academic
<i>Date</i>	: 16 th to 17 th April 2019
<i>Venue</i>	: Bilik Kuliah 5, PPS
<i>Speaker</i>	: Dr. Lee Mei Ph'ng
<i>Program Director</i>	: Wong Rui Zhen

The “Workshop on Effective Research Article Reading for Postgraduate” happens from 16 to 17 April 2019 in Bilik Kuliah 5, PPS. New researchers or those who just started writing a paper will find this workshop rather useful. The two days of speech is participated by 30 postgraduate students. The entire workshop covered 3 contents:

i. *Journal searching in Scopus and ISI*

UTeM has provided access to several well-established databases and Inter Library Loan (ILL) service to access some restricted resources. Setting alerts in online databases can help you aware of the latest research trends.

ii. *Exploration of Mendeley*

Compiling articles using Mendeley software help in better managing your research papers. Some useful functions such as standard citation, one-click bibliography, digital highlighting, insert side notes and general comments, keyword searching, etc. The external web and mobile application version of Mendeley to ease your reading management.

iii. *Language structure on research content.*

Each section (e.g.: abstract, introduction, methodology...) in a paper are containing similar components in every article. Understanding the components in each section can help in delivering out your content very quickly. Generating a phrase bank is something more we can do while reading a paper and is helpful for paper writing. Referring to phrases from others that used in every component can help reduce time in bringing out your idea and generates a paragraph that connects sentences smoothly. This may save your time to reduce your struggle every time when begins to write a paper.



UTeM Postgraduate Association (UPgrade) 2018/2019

<i>Program</i>	: <i>Sesi Aspirasi & Hala Tuju Kepimpinan Mahasiswa UTeM</i>
<i>Program Type</i>	: Non-academic
<i>Date</i>	: 28 th February 2019
<i>Venue</i>	: Faculty of Electronic and Computer Engineering (FKEKK)
<i>Speaker</i>	: PM Dr Nurulfajar bin Abd Manap (TNCHEP)

A meeting with Deputy Vice-Chancellor (Student Affairs) Universiti Teknikal Malaysia Melaka (UTeM) was attended. The aim of this meeting is to discuss the current activities in the university which will improve the productivity and quality of the programs. Also, this meeting highlights the issues and recommendations made in the Association / Club / Uniformed Bodies Secretariat for the duration of their services. This meeting was important for the leaders of the Association / Club / Uniformed Bodies Secretariat because they can meet with Deputy Vice-Chancellor (Student Affairs) to obtain a transparent answer. Moreover, everybody can get the latest information and expected to carry out the tasks entrusted to them. The Deputy Vice-Chancellor (Student Affairs) also introduced the concept of “TUAH” that will be the backbone of managing the Student Affairs of Universiti Teknikal Malaysia Melaka (UTeM).

“TUAH” is a concept initiated by Associate Professor Dr. Nurulfajar bin Abd Manap, Deputy Vice-Chancellor (Student Affairs) Universiti Teknikal Malaysia Melaka (UTeM). “TUAH” is a professional ethical compassionate and high fighting spirit that blends with student’s character. Plus, it is a new platform for universities to enhance their student’s capability in the future. “TUAH” is described as:

- i. *TANGKAS: Learn and explore science, technology, corporate entrepreneurship, and technical skills.*
- ii. *UNGGUL: Loyalty, integrity, competent leadership, manner, character, and morals.*
- iii. *ADAPTIF: Adapting to a dynamic environment, technology adaptation and balance it with the adapter and morals.*
- iv. *HOLISTIK: (Image of UTeM Students) Sustainable and integrated, balanced IQ, EQ, manner, and morals.*



UTeM Postgraduate Association (UPgrade) 2018/2019

<i>Program</i>	: <i>Coffee & Cake Session with FTMK Postgraduate Students</i>
<i>Program Type</i>	: Non-academic
<i>Date</i>	: 19 th April 2019
<i>Venue</i>	: Recap Room, FTMK
<i>Program Director</i>	: Mohammed Saad Talib

The UPgrade representative has discussed, heard and received many students' problems and difficulties that they faced during their study journey. Therefore, a coffee and tea session was organized to encounter these dilemmas. This session gathered postgraduate students for a leisure talk to understand and received student problems as well as a bonding session between students and related academic staff.

Thus, we begin this coffee and cake session with FTMK. Besides, coordinators that included in the session were:

- i. *Dr. Hyreil Anuar Kasdirin: Penasihat UPgrade 2018/2019*
- ii. *PM Dr. Azah Kamilah: Timbalan Dekan (Penyelidik & Pengajian Siswazah), FTMK 2019*
- iii. *Mohammed Saad Talib: UPgrade FTMK Representative 2018/2019*



UTeM Postgraduate Association (UPgrade) 2018/2019

<i>Program</i>	: <i>Bowling Activity with Postgraduate Students</i>
<i>Program Type</i>	: Non-academic
<i>Date</i>	: 24 th April 2019
<i>Venue</i>	: Melaka International Bowling Centre (MIBC)
<i>Program Director</i>	: Rahillda Nadhirah Norizzaty Rahiddin

On 24th April 2019, a bowling friendly match was held at Melaka International Bowling Centre (MIBC), Ayer Keroh, Melaka. The aim of this activity is to provide the opportunity for a bonding session between postgraduate students, and the postgraduate related academic staff. The event started at 8:30 pm and finished at 11:30 pm with a total of 12 postgraduate students and PPS staff participated in this activity. Prizes were given for the winning teams based on the cumulative match scores: champions, 1st runner up and 2nd runner up.



UTeM Postgraduate Association (UPgrade) 2018/2019

Program : Participation of Postgraduate Students in 8th International Conference on Postgraduate Education

<i>Program Type</i>	: Academic
<i>Date</i>	: 3 rd to 4 th December 2018
<i>Venue</i>	: University Malaysia Terengganu (UMT)

ICPE is the short form for International Conference for Postgraduate Education, which was held once in two years. This time was held at University Malaysia Terengganu. This 8th year of conference, UTM and UniSZA have been given the honour to organize it. This conference one of the great platforms for postgraduate students to create local and international networking opportunities for local and foreign postgraduates through research presentations and discussions.

With the theme of Postgraduate Research and Education Towards IR 4.0, technology and research must be moving in tandem to get a good impact. Plus, a variety of paper category gives a huge platform to most of the postgraduate students to joint. UTeM has sent 9 presenters in the Engineering category to participate in the conference with assistance from the UPgrade committee.



UTeM Postgraduate Association (UPgrade) 2018/2019

<i>Program</i>	: <i>Workshop on Viva Preparation</i>
<i>Program Type</i>	: Academic
<i>Date</i>	: 10 th September 2019
<i>Venue</i>	: Bilik Kuliah 2, PPS
<i>Speaker</i>	: Prof Madya Dr. Shajahan Maidin (FKP, UTeM)
<i>Program Director</i>	: Noraishah Othman

On 10 September 2019, UTeM Postgraduate Association (UPgrade) and Pusat Pengajian Siswazah (PPS) have been organized the Workshop on Viva Preparation. These workshop aims to help UTeM Postgraduate students to prepare for their viva section. The purpose of this workshop is also to expose the valuable of the viva preparation method to the participants.

There are 29 postgraduate students of UTeM from various faculties have been participated in the workshop. This workshop also gives the opportunity to the new postgraduate students to gain knowledge from Prof Madya Dr. Shajahan Maidin, from the Faculty of Manufacturing (FKP), UTEM.

In addition, the participants are given the opportunity to learn about quality thesis writing and thesis examining strategies. They also have been exposed to the UTeM Academic Regulation for Thesis Submission and the criteria for the appointment of external examiners. The workshop received good feedback from the participants and hope that it would continue in the future.



UTeM Postgraduate Association (UPgrade) 2018/2019

Program	: UTP Benchmarking & Networking Visits to UTeM
Program Type	: Non-academic
Date	: 29 th August 2019
Venue	: PPS, UTeM

On 29th August 2019, the Postgraduate Student Council (PGSC) from UTP has come for a benchmarking and networking visits in UTeM. The visit was led by Mr. Ghali, the project leader, and accompanied by two of the officers, Mr. Naqib and Mr. Shamsul from the Center of Graduate Studies (CGS) UTP, with another 6 representatives from PGSC UTP participating. Before the day, our guests have safely arrived UTeM at 9 pm and accommodated in UTeM Satria hostel for one night with the assists of Mr. Adznan (PPS executive), a hostel for staffs, and 2 representatives from UPgrade. Meanwhile, we take this opportunity to interact with each other and our guests from UTP were delighted with this new hostel in UTeM.

The next morning, we have breakfast together with our guests before the discussion session. The meeting starts with welcoming remarks by the UTeM CGS Dean, Prof Ts Dr. Noreffendy. Next, the representatives from PGSC UTP and UPgrade shared information about the postgraduate studies in respective universities, the postgraduate association, and events that have conducted and planned throughout the effective year. The session carried on with a discussion among both associations regarding the postgraduate studies inquiry, organization inquiry, and potential collaboration opportunities.

The last agenda was a campus tour, where we managed to visit only one faculty due to time constraints. The tour happened in FKP and assists by AP Hadzley with full of his enthusiasm. Before sending off our guests, we had lunch together and exchanging souvenirs, wishing the best of luck for any future planning.



UTeM Postgraduate Association (UPgrade) 2018/2019

Program : Briefing on Postgraduate Rules & Regulation Semester 2 Session 2018/2019

<i>Program Type</i>	: Academic
<i>Date</i>	: 10 th September 2019
<i>Venue</i>	: Auditorium, PPS

Approaching the new semester, Pusat Pengajian Siswazah (PPS) held a briefing session for the new intake of students. The aim was to share important information relating to the student's postgraduate studies in UTeM and addressing important issues faced by them.

The session was officiated with a welcoming speech delivered by the Dean of PPS, Prof. Ts. Dr. Noreffendy Bin Tamaldin. Accompanying him was Deputy Dean, Dr. Hyreil Anuar Kasdirin. Other PPS staff included Assistant Registrar, Mr. Mohd Adznan Bin Mohd Nayan, and Madam Nurul Syuhada Binti Haron. However, UPgrade committees were here to promote our association as well as assist in the session.

"I am glad that all of you are becoming part of the UTeM family and I look forward to getting to know you all better", said Prof. Ts. Dr. Noreffendy. In his speech, the Dean introduced to the student about each program offered and its respective functions.

The session continued with a presentation on UTeM Graduate Studies Rules by Deputy Dean, Dr. Hyreil Anuar Kasdirin. The 30 minutes presentation explained about the basic underlying rules and regulations governing postgraduates' studies in UTeM.

Towards the end of the session, a Q&A session was held. The graduate study's rules were the main topics being discussed. Overall, the program was held successfully, and students are expected to gain useful insights prior to the start of their academic journey in UTeM.



UTeM Postgraduate Association (UPgrade) 2018/2019

<i>Program</i>	: <i>Workshop on Systematic Literature Review</i>
<i>Program Type</i>	: Academic
<i>Date</i>	: 25 th Sept 2019
<i>Venue</i>	: Auditorium, PPS
<i>Speaker</i>	: Assoc. Prof. Ts. Dr. Sabrina Ahmad (FTMK, UTeM)
<i>Program Director</i>	: Wong Rui Zhen

The UTeM Postgraduate Association (UPgrade) is pleased to have Assoc. Prof. Ts. Dr. Sabrina Ahmad to share on conducting a Systematic Literature Review for fellow researchers in UTeM. The workshop was conducted on 25th Sept 2019 in Auditorium PPS with 36 postgraduate students participating. It was a half-day program so students might find it handy. Basically, the module covers 3 major contents: introduction to SLR, the motivations, and SLR step by step. Besides, the speaker has demonstrated some successful examples from her and her students' past works (e.g.: published journal, conference papers, and thesis).

At the end of the workshop, students learn how to conduct an SLR though through several steps:

- i. Planning: Draw research questions (RQ) and determine the review protocol.
- ii. Conducting: Getting relevant literature, defining search string (keyword to use), defining evidence source (databases), documentation, etc. Select primary studies through setting inclusion and exclusion criteria that derive from RQ. Extract knowledge through reading full articles. Assess the study's quality. Synthesis data from the results through descriptive or numerical synthesis.
- iii. Reporting: Organize the findings and write it out!

