

HOW TO BE A GOOD SUPERVISOR?

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MY BACKGROUND



- B.Sc (Hons) Math (Minor in Economics) 1986-1989
- MA Math 1989-1990
- PhD Math 1995-1998 (40 months)

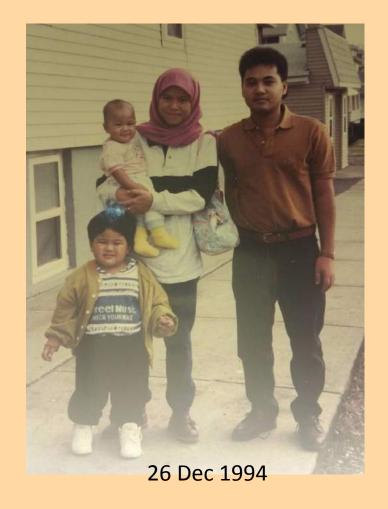
from State University of New York at Binghamton (now known as Binghamton University), New York, USA

https://people.utm.my/nizasarmin/



STARTING MY PHD









- Joined UTM on 2 May 1991
- Head, Dept of Postgraduate Studies, FS (Nov 2007 July 2012)





Deputy Dean, SPS (1 August 2012 - 31 March 2016)







- Director (Global Education & Student Experience), UTM International (1 April 2016 -31 March 2018)
- Associate Director (Student Services & Global Education Experience), UTM International (1 April 2018 – 14 August 2019)



GLOBAL STRATEGY AND ENGAGEMENT DIVISION UTM INTERNATIONAL



https://www.utm.my/international

relations@utm.my

Associate Director (Global Strategy & Engagement), UTM International (15 August 2019 – 31 March 2021)



WHAT IS A SUPERVISOR?



WHAT IS A SUPERVISOR?

A **supervisor**, is the job title that is primarily based on **authority** over a worker or charge of a workplace.

A **superviso**r can also be one of the most senior in the staff at the place of work, such as a <u>Professor</u> who oversees a PhD dissertation. <u>Supervision</u>, on the other hand, can be performed by people without this formal title,

Wikipedia, 07042021



for example by parents.

APA ITU PENYELIA?

- Penyelia ertinya Staf Akademik yang dilantik oleh fakulti atau Universiti untuk menyelia projek sarjana/disertasi/tesis pelajar.
- Penyelia Utama ertinya Staf Akademik Siswazah yang dilantik oleh fakulti atau Universiti untuk mengetuai penyeliaan pelajar pengajian secara penyelidikan.
- Penyelia Bersama ertinya individu yang dilantik oleh fakulti atau Universiti bersama-sama dengan Penyelia Utama untuk menyelia pelajar pengajian secara penyelidikan. Penyelia Bersama boleh dilantik di kalangan pakar dari dalam atau luar Universiti

https://sps.utm.my/wp-content/uploads/2018/11/PERATURAN-AKADEMIK-PENGAJIAN-SISWAZAH.pdf



APA ITU PENYELIA? (Samb.)

- Penyelia Industri merujuk kepada penyelia yang dilantik oleh pihak industri di mana beliau menyediakan khidmat penyeliaan dan sokongan serta memastikan adanya kemudahan atau peralatan yang sesuai yang boleh membantu perkembangan penyelidikan pelajar selari dengan kehendak dan perancangan syarikat atau organisasi.
- Penyeliaan jarak jauh adalah mod penyeliaan yang melibatkan pelajar tempatan dan antarabangsa yang melaksanakan penyelidikan di luar kampus UTM samada di dalam atau diluar negara.

https://sps.utm.my/wp-content/uploads/2018/11/PERATURAN-AKADEMIK-PENGAJIAN-SISWAZAH.pdf



PERANAN DAN TANGGUNGJAWAB PENYELIA

Penyelia Utama Penyelia hendaklah memastikan pelajar membuat perancangan penuh tentang kerja penyelidikan yang hendak dilaksana dan memberi nasihat sama ada akademik atau peribadi yang diperlukan. Antara tugas penyelia utama dan penyelia bersama adalah seperti dibawah:

Memberi bimbingan tentang bentuk dan mutu penyelidikan yang dijangkakan. Ini merangkumi perancangan penyelidikan, literatur dan sumber, kehadiran dalam kelas bimbingan dan teknik yang diperlukan, termasuk mengatur kuliah jika perlu.

- i. Membantu pelaksanaan kerja lapangan/kaji selidik yang perlu dilakukan di luar Universiti.
- ii. Memastikan pelajar mengikuti perkembangan bidang yang diselidiki.

https://sps.utm.my/wp-content/uploads/2019/03/KAPS-10.pdf



PERANAN DAN TANGGUNGJAWAB PENYELIA

- iv. Memberi nasihat tentang tarikh setiap peringkat kerja yang berurutan supaya hasil kerja keseluruhan dapat dihantar pada masa yang dijadualkan.
- v. Menyemak kertas kerja penyelidikan yang dihasilkan dan memulangkannya dengan ulasan yang membina dalam jangka masa yang munasabah.
- vi. Menggalakkan pelajar membentangkan hasil kerjanya dalam seminar dan penerbitan dalam jurnal.
- vii. Membuat penilaian dan menghantar laporan kemajuan ke SPS melalui JKA pada masa yang ditetapkan setiap semester.
- viii. Memastikan prosedur keselamatan dipatuhi oleh pelajar semasa di makmal dan semasa melakukan kerja lapangan di organisasi.
- ix. Menjadualkan, mengadakan dan merekodkan perjumpaan berkala dengan pelajar dibawah seliaan.



PERANAN DAN TANGGUNGJAWAB PENYELIA

- x. Menyedia dan menghantar laporan kemajuan pelajar kepada Sekolah Pengajian Siswazah melalui Pasca Siswazah Fakulti pada masa yang ditetapkan.
- xi. Mengalakkan pelajar di bawah penyeliaannya menghantar tesis dalam tempoh lazim pengajian (GOT).
- xii. Penyelia utama mestilah bekerjasama dengan penyelia bersama apabila penyeliaan melibatkan lebih daripada seorang penyelia.
- xiii. Penyelia mestilah memelihara hubungan baik dengan pelajar seliaannya dan mengelakkan sebarang konflik yang boleh menjejaskan kemajuan pelajar. xiv. Mencalon nama pemeriksa dalam dan pemeriksa luar.
- xv. Memastikan pelajar maklum semua peraturan Universiti dan perkara berkaitan dengan pendaftaran.
- xvi. Menyemak dan memastikan tesis telah mencapai tahap penganugerahan sebelum pelajar menyerahkan tesis kepada SPS untuk tujuan peperiksaan lisan.



PERANAN DAN TANGGUNGJAWAB PENYELIA BERSAMA

Penyelia Bersama hendaklah berkerjasama bersamasama dengan Penyelia Utama untuk menyelia penyelidikan, penyediaan tesis dan membimbing pengajian pelajar



GRADUATED UNDERGRADUATE FINAL YEAR PROJECT STUDENTS

83



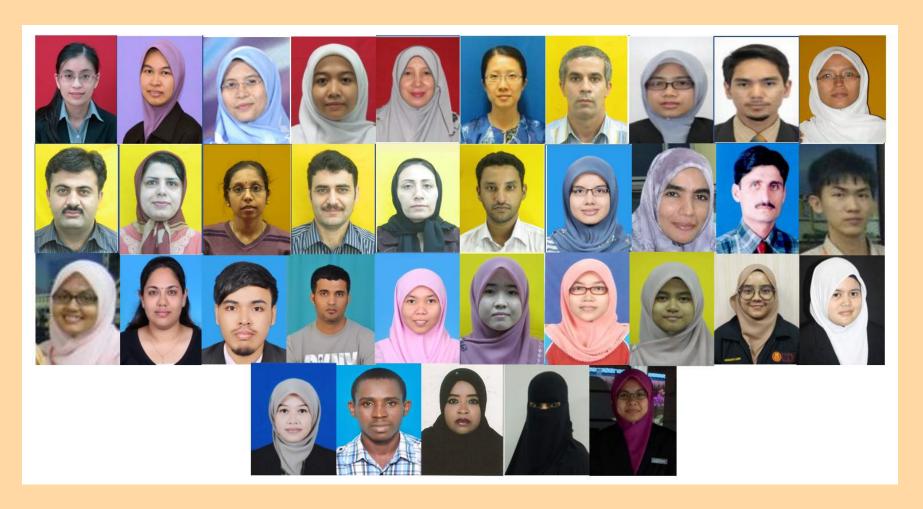
GRADUATED MASTER STUDENTS



26 students



GRADUATED PHD STUDENTS



35 students



ACTIVE PHD STUDENTS



12 students



FAST TRACK STUDENTS

(First Class Undergraduate to PhD)



11 students



THE YOUNGEST PHD HOLDER

Malaysia Book of Record 2014

24 years and 2 months old









Dr. Hazzirah Izzati Mat Hassim



INDUSTRIAL TRAINING STUDENTS



How to be a Good Supervisor?

Before

During

After



BEFORE SUPERVISION

- How do we get students?
 - Get to know the students first –
 "background check"

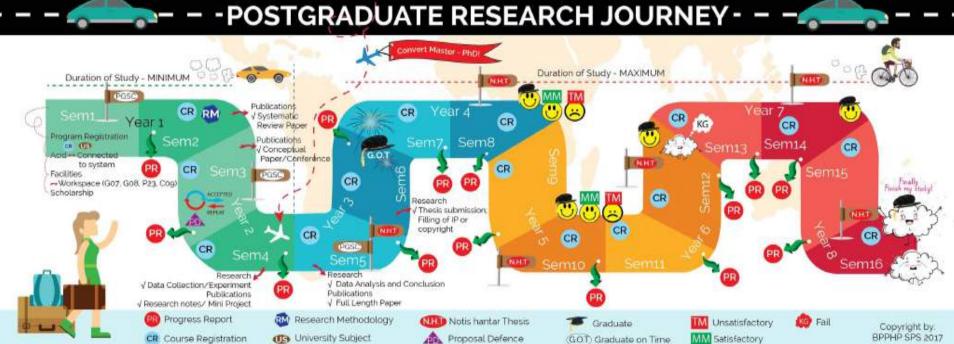


BEFORE SUPERVISION

How do we get the topics of research?









Timeline for GOT



- (i) Class √ University Course
- (ii) Research
- (iii) Structured Course
- √ PGSS Structured Course I
- (iv) Publications NIL
- (v) Progress Report

Y1 2nd Sem

- (i) Class √ Research Methodology course
- (ii) Research

 √ Problem Statement,
 Gaps and
 Contributions,
 Methodology
- (iii) Structured Course
- √ PGSS Structured Course II
- (iv) Publications

 √ Systematic Review
 Paper
- (v) Progress Report

Y2

1st Sem

- (i) Research

 √ Proposal Defense
- (ii) Structured Course
 - V PGSS Structured Course III
 - (iii) Publications
 √ Conceptual Paper
 - (iv) Progress Report

Y2

2nd Sem

- (i) Research
- √ Data Collection/
 - Experiment
- (ii) Structured Course
- √ PGSS Structured Course IV
 - (iii) Publications
- √ Research notes/ Mini Project
 - (iv) Progress Report

Y3

1st Sem

- (i) Research
- √ Data Analysis and Conclusion, NHT
- (ii) Structured Course
- √ PGSS Structured Course V
- (iii) Publications
- √ Full Length Paper
- (iv) Progress Report

Y3

2nd Sem

- (i) Research
- √ Thesis submission; Filling of IP or copyright
- (ii) Structured Course
 - √ PGSS Structured Course VI
 - (iii) Publications
 - √ Full Length Paper
- (iv) Progress Report



Seven Habits of Highly Effective Graduate Students

1. Be proactive

- Take responsibility
- Learn as much
- Ask questions



2. Begin with the end in mind

- Define the mission and goals of our research
- Why do I do this/ further my studies ?



3. Put first things first – prioritize

4. Think win-win

Have an "everyone can win" attitude

5. Seek first to understand, then to be understood

Listen to people sincerely

6. **Synergize** – work together

7. Sharpen your saw

Renew yourself regularly





DURING SUPERVISION

How do you treat postgraduate students ("mature student")?



THINGS TO CONSIDER

How to manage

- Time
- Students
- Colleagues
- Grants
- Health
- Work environment
- Skill development



HOW TO MANAGE OUR TIME?

- Time for research
- Time for teaching
- Time for admin
- Time for family
- Time for self?
 - Leisure
 - Ibadah
 - Self
 - Other activities



How much time do we have in a day?



EXPECTATION IN SUPERVISION







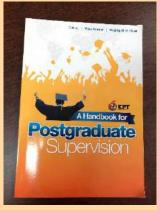
STUDENT



Survey on Supervision Expectation

Vijay Kumar and Bujang B.K. Huat. A handbook for Postgraduate Supervision https://sgs.upm.edu.my/dokumen/92225 supervision.pdf

- Average marks for graduated students
- Average marks for active students



It is the supervisor's responsibility to select a research topic.	1	2	3 ●	4	5	The student is responsible for selecting her/his own.
The supervisor should insist on regular meetings with the student.	1	2	3 •••	4	5	The student should decide when she/he wants to meet with the supervisor.
It is the supervisor who decides which theoretical framework is most appropriate.	1	2	3	4	5	Students should decide which theoretical framework they wish to use.
The supervisor should check regularly that the student is working consistently and on task.	1	2 🗪	3	4	5	The student should not have to account for how and where they spend their time.
The supervisor should develop an appropriate program and timetable of research and study for the student.	1	2	3 🚥	4	5	The supervisor should leave the development of the program of study to the student.
The supervisor is responsible for providing emotional support and encouragement to the student.	1	2	3 •	4	5	Students should have their own support networks and this is not the responsibility of supervisor.
The supervisor is responsible for ensuring that the student is introduced to the appropriate services and facilities of the department and the university.	1	2	3	40	5	It is the student's responsibility to ensure that she/he has located and accessed all relevant services and facilities for research.



Survey on Supervision Expectation (Cont.)

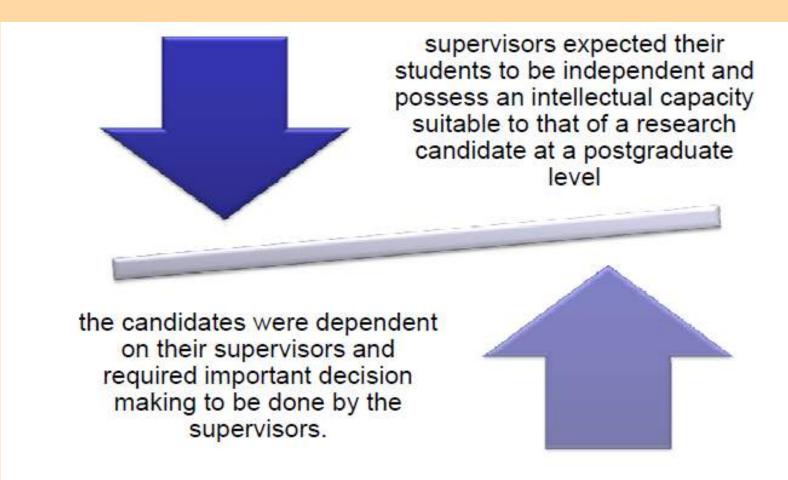
Vijay Kumar and Bujang B.K. Huat. A handbook for Postgraduate Supervision https://sgs.upm.edu.my/dokumen/92225 supervision.pdf

The supervisor should insist on seeing all drafts of work to ensure that the student is on the right track.	1	20	•	3	4	5	Students should submit drafts of work only when they want constructive criticism from the supervisor.
Supervisor should only accept students when they have specific knowledge of the student's chosen topic.	1	2	00	3	4	5	Supervisors should feel free to accept students, even they do not have specific knowledge of the student's topic.
The supervisor should take over the final writing-up of the thesis if the student is having difficulty.	1	2		3	4 •	•5	The writing of the thesis should only ever be the student's own work.
A warm, friendly relationship between supervisor and student is critical for successful candidature.	1 •	• 2		3	4	5	A warm, friendly relationship is inadvisable because it may obstruct objectivity for both student and supervisor during candidature.
The supervisor is responsible for decisions regarding the standard of the thesis.	1	• 2	•	3	4	5	The student is responsible for decisions concerning the standard of the thesis.

0	Average marks for graduated students
•	Average marks for active students



MISMATCH!





STUDENTS COMMON PROBLEMS & HOW TO SOLVE THEM?

TIME MANAGEMENT HARMONY SITUATION







Prof Niza's & her Special People <3

₽ Private group - 34 members





SCHEDULED PLANNING

(SUPERVISOR'S ACTION)



Niza Sarmin

Admin · 20 February at 10:44 · 😝

My schedule for this week (Final Exam Week 3):

Sunday 21 February 2021:-

8:30 am :- Atyra Farhana Zai at UTM-i

9:30 am :- Dr Julie Thuy Van Nguyen at UTM-i 11:30 am - 1 pm :- SEATUC Meeting via Zoom

2:30 - 4 pm :- Meeting on EURIE via Zoom

Monday 22 February 2021 :-

8:30 am :- Nurhidayah Zaid at UTM-i

10 - 11 am :- VIE with Univ. Atma Jaya Yogyakarta, Indonesia via Zoom

11:30 am :- Nurul Izzaty via Zoom

2 pm:- Hassan Mudaber & Dr Ibrahim Gambo via Zoom 3:30 - 4:30 pm:- VIE with University of Isfahan, Iran via Zoom

Tuesday 23 February 2021:-

9 am - 12 pm :- JKDEU Meeting at VC Meeting Room

2:30 pm :- Viva (UPM) via Zoom

Wednesday 24 February 2021 :-

9 - 12:30 pm :- Senate Meeting via Webex

12:30 - 1:30 pm :- ICARMS Keynote Speaker

3 - 4 pm :- Nurul Ain Mazlan, Dr Hazzirah Izzati Hassim & Dr Sanhan via Zoom

4 pm:- Amira Fadina via Zoom

Thursday 25 February 2021:-

8:30 am :- Faculy of Science 64th Online Convocation via Webex

9:30 am - 11:30 am :- SEATUC 2021 Opening Ceremony & Keynotes Session

11 am :- Athirah Zulkarnain at UTM-i

12:15 - 1 pm :- Perbincangan Persediaan EURIE Summit 2021 via Zoom

with Norhayati Abdullah and Ahmad Hilman Borhan

2 - 4 pm :- SEATUC Presidential Meeting

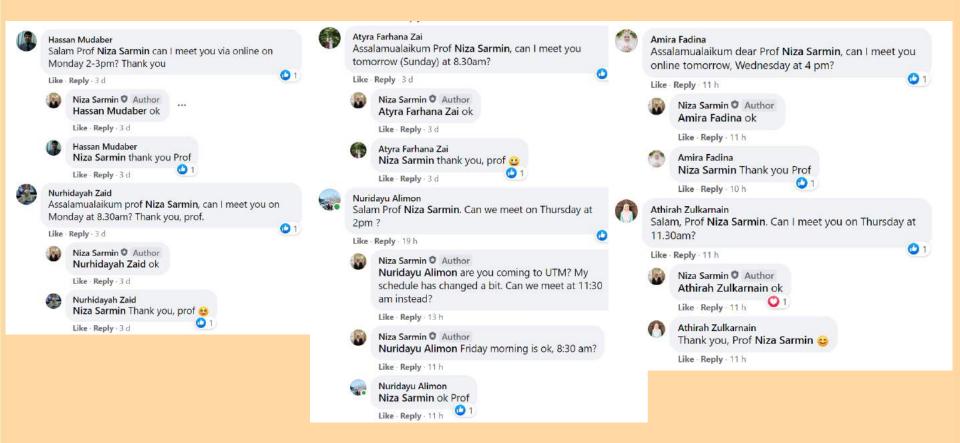
*will most probably WFO everyday next week 🙂



26 comments Seen by 30



SCHEDULED PLANNING (STUDENTS' RESPONSES)





SCHEDULED PLANNING







Discussion with Nur Idayu

Discussion with Nurhidayah

Discussion with Alia



Discussion with Athirah

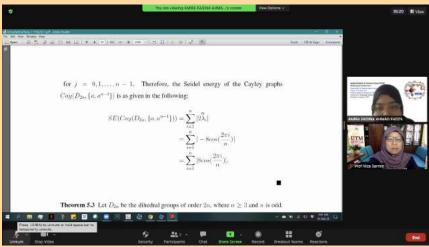


Discussion with Athirah Farhana



SCHEDULED PLANNING

(during pandemic COVID19)



Discussion with Amira Fadina





Discussion with Dr. Ibrahim and Hassan from Afghanistan



Discussion with Nurhidayah, Dr. Ibrahim (UTM) and Dr. Sanhan from Iraq



Discussion with Nabilah at home



UNSCHEDULED PLANNING





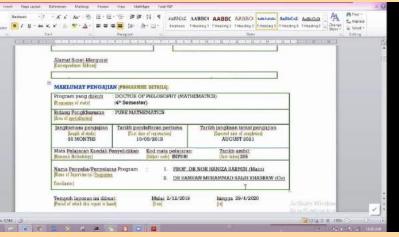




PRESENT RESEARCH PROGRESS









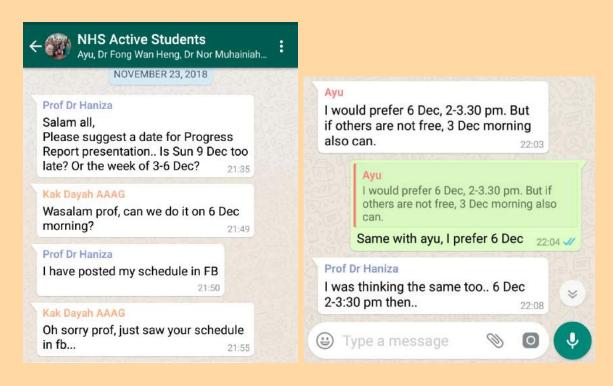


RESEARCH PROGRESS

(DISCUSSION IN GROUP WHATSAPP)







Discussion on the progress report presentation



RESEARCH PLANNING (GANTT CHART)

	3	Sen	nest	er 1			S	Sem	este	r 2			S	eme	ster	. 3			Se	mes	ster	4			S	eme	este	r 5			3	Sen	nest	er 6		
Project Activities		Year 1							Year 2					Year 3																						
is to a least the same and the	2018				2019					-25-				2020									2021													
	S	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A
Literature study on the fundamental concept of ring theory, probability theory and graph theory																																				
2. Obtain the zero divisors of some ring of matrices over finite rings									•																											
3. Calculate the zero product probability for some ring of matrices over finite rings and construct its zero divisor graph														•																						
Calculate the commuting zero product probability and construct the commuting zero divisor graph for some ring of matrices over finite rings																			٠																	
5. Determine the perfect codes for the zero divisor graph and commuting zero divisor graph																								•												
6. Determine the general formula of zero product probability, commuting zero product probability, zero divisor graph and commuting zero divisor graph																																	•			
7. Writing thesis report and submission for viva																																				•
Technology Transfer Activities		_											_									_											\perp			_
Presentation in conferences / seminars and publication in proceedings								1			2 3													4											5	
Publication in journals																																				



RESEARCH PLANNING

(ACADEMIC CALENDAR)

			SEMESTER			NAME OF THE OWNER O				
	18 OCTOBER 2020 – 11 MA				2 MARCH 2021 (UT 1PUS					
NO.	PROGRAMME	DURATION	WEEK	JOHOR BAHRU	KUALA LUMPUR	REMARKS				
1.	Registration of Courses for Semester I, 2020/2021 Session <i>(ONLINE)</i>	3 weeks	-	1 – 23 (Oct 2020	https://my.utm.my				
2.	Semester I, 2020/2021 Session Lectures (Part 1)	7 weeks	Week 1 – 7	18 Oct – 3 Dec 2020	19 Oct – 4 Dec 2020	Birthday of Prophet Muhammad S.A.W 29 Oct 2020				
3.	Application for Reduction and Exemption Tuition Fees	8 weeks	Week 1 – 8	18 Oct – 10 Dec 2020	19 Oct – 11 Dec 2020	Deepavali 14 Nov 2020				
4.	Deadline for Registration of Courses (ONLINE)	-	-	23 00	t 2020	https://my.utm.my				
5.	Amendments of Course Registration (ONLINE) 1st phase	1 week	Week 2	24 – 30	Oct 2020	https://my.utm.my				
6.	Deadline of Amendments of Course Registration (ONLINE) - 1st phase	-	Week 4	30 Oc	t 2020	https://my.utm.my				
7.	Late Registration of Courses (WITH PENALTY)	1 week	Week 3	1 -5 Nov 2020	2 - 6 Nov 2020	A penalty of RM100.00 for each course will be imposed				
8.	Deadline for Late Registration of Courses (WITH PENALTY)	-	Week 3	5 Nov 2020 3.30 pm	6 Nov 2020 5.00 pm	for late registration/ amendments				
9.	Amendments of Course Registration (ONLINE) 2nd phase	1 week	Week 4	8 – 13 ľ	Nov 2020	https://my.utm.my				
10.	Deadline of Amendments of Course Registration (ONLINE) – 2 nd phase	-	Week 4	13 No	v 2020	https://my.utm.my				
11.	Amendments of Courses Registration (WITH PENALTY)	1 week	Week 5	15 -19 Nov 2020	16 -20 Nov 2020	A penalty of RM100.00 for each course will be imposed				
12.	Deadline for Amendments of Courses Registration (WITH PENALTY)	-	Week 5	19 Nov 2020 3.30 pm	20 Nov 2020 5.00 pm	for late registration/ amendments				
13.	Course Withdrawal (TD)	4 weeks	Week 6 – 9	22 Nov – 17 Dec 2020	23 Nov – 18 Dec 2020					
14.	Faculty Check and Remind Students Who Did Not Register Any Courses	5 weeks	Week 6 – 10	22 Nov – 24 Dec 2020	23 Nov – 24 Dec 2020	Christmas 25 Dec 2020				

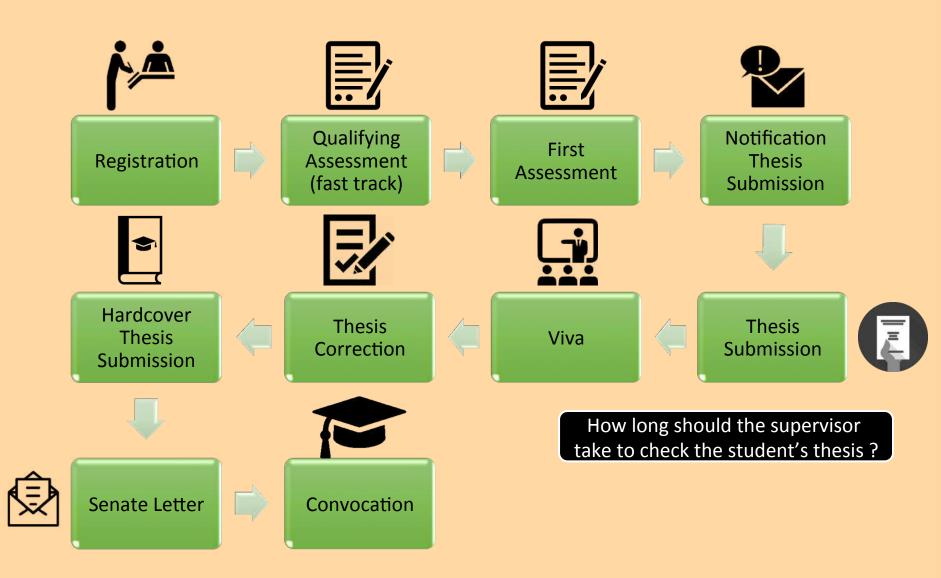


ACADEMIC CALENDAR

	18 OCTOBER 2020 – 11 MA	RCH 2021 (UT	SEMESTER M JB) 19		2 MARCH 2021 (UT	M KL)			
NO.	PROGRAMME	DURATION	WEEK		IPUS				
NO.	PROGRAMME	DURATION	WEEK	JOHOR BAHRU	KUALA LUMPUR	REMARKS			
15.	Application for Deferment or Withdrawal From Programme	9 weeks	Week 7 – 15	29 Nov 2020 – 27 Jan 2021	30 Nov 2020 – 29 Jan 2021	New Year (KL Only) 1 Jan 2021 Thaipusam 28 Jan 2021			
16.	Mid Semester Break, Semester I, 2020/2021 Session	1 weeks	Week 8	6 – 10 Dec 2020	7 – 11 Dec 2020				
17.	Deadline for Application of Reduction and Exemption Tuition Fees Deadline	-	Week 8	10 Dec 2020 3.30 pm	11 Dec 2020 5.00 pm	Applications will not be accepted after this date.			
18.	Deadline for Course Withdrawal (TD)	-	Week 9	17 Dec 2020 3.30 pm	18 Dec 2020 5.00 pm	Applications for course withdrawal will not be accepted after this date. A penalty of RM100.00 for each course will be imposed for TD.			
19.	Continuation of Semester I, 2020/2021 Session Lectures (Part 2)	7 weeks	Week 9 – 15	13 Dec 2020 – 28 Jan 2021	14 Dec 2020 – 29 Jan 2021	Christmas 25 Dec 2020 New Year (KL Only) 1 Jan 2021 Thaipusam 28 Jan 2021			
20.	AMD Issues Termination Letter For Students Who Did Not Register Any Courses	1 week	Week 15	24 - 27	Jan 2021				
21.	Deadline for Application for Deferment or Withdrawal From Programme	-	Week 15	27 Jan 2021 5.00 pm	29 Jan 2021 5.00 pm	Thaipusam 28 Jan 2021			
22.	Revision Week	1 week	Week 16	31 Jan – 4 Feb 2021	1 – 5 Feb 2021	Federal Territory Day (KL Only) 1 Feb 2021			
23.	Final Examination for Semester I, 2020/2021 Session	3 weeks	Week 17 - 19	7 - 25 Feb 2021	8 - 26 Feb 2021	Chinese New Year 12 - 13 Feb 2021			



RESEARCH PLANNING



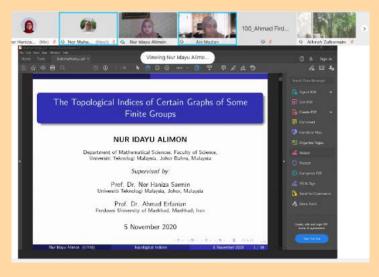


NETWORKING WITH OTHER RESEARCHERS

- In research groups
- In conferences
- Authors' of references
- Research attachment



ROLE OF RESEARCH GROUP



Mock Viva





GAP Workshop



ATTEND CONFERENCES, MEETINGS, WORKSHOPS



BIGTC 2019

St Biennial International Group Theory Conference
Institut Teknologi Bandung - Indonesia | July 1-4, 2019

Conference at Institute Technology of Bandung

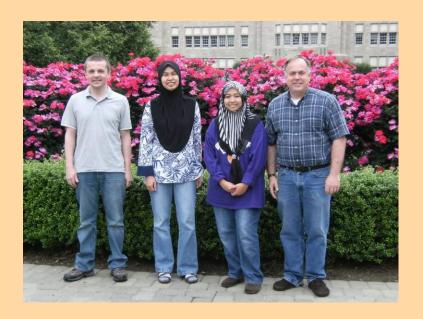
Seminar at Universiti Putra Malaysia (UPM)



AAAG Meeting



RESEARCH ATTACHMENT ABROAD



University of Evansville, USA



SUNY Binghamton, USA



RESEARCH ATTACHMENT ABROAD



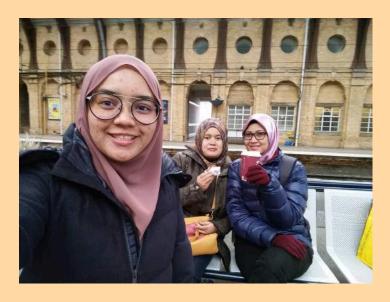
SUNY Binghamton, USA



Universidade de Brasilia, Brasilia, Brasil



RESEARCH ATTACHMENT ABROAD



Research attachment in UK



Research Attachment in Towson University, USA



FUTURE PLANNING

- Seminars/Conferences
- Publications
- Notice of Submission of Thesis
- Thesis Write-Up (Table of Contents)
- Thesis Writing
- Viva
- Corrections
- Submission



TIPS ON PUBLICATIONS

Plan for publication

- of at least a review paper during the first semester
- in conferences (once a year/ every semester?)
- in SCOPUS journals
- in WOS journals

Plan for



attending a publication workshop



EXAMPLES OF MY HARMONY STUDENT-SUPERVISOR RELATIONSHIP

Together at convocation ceremony





Visits at my hometown (Pontian, Johor)







Have lunch together









Hari Raya Celebration







AAAG Bowling





SO, WHAT TO DO?





GET TO KNOW YOUR STUDENTS

- What is the student's family background (financial, parents' occupation, marital status and etc) – even before applying UTM
- Listen and understand him/her very carefully
- Try to think of him/her as your family





HOW TO MANAGE YOUR SUPERVISION?

- Mentor-mentee
- Co-supervisor
- Co-authors
- How frequent ?



HOW TO MANAGE STUDENTS' DIFFICULTIES?

- Time
- Financial
- Spouse/family
- Visa



WHAT DO STUDENTS EXPECT FROM THEIR SUPERVISOR?

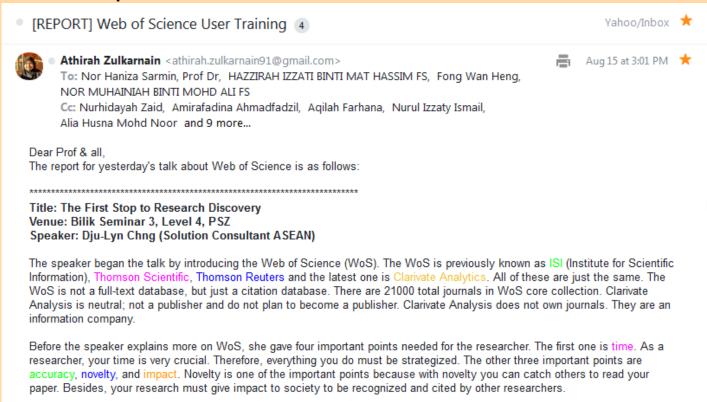
- Always be around for them
- Know everything that they asked
- Always reply their emails
- Always ready for any help
- Friendlier with them (not only student-supervisor relationship)
- Show some appreciations for what they did
- Be understanding when they have personal problems
- Understand when students cannot complete the tasks given to them on time
- Able to motivate
- Allow students to make decisions with some useful advice



STUDENT'S COMMON PROBLEM & HOW TO SOLVE THEM?

Supervisor is very busy and cannot have frequent meetings with student

 All students need to write a short report whenever they go to a workshop or talk.





Short Report on the Structured Course: Facing Your Viva Voce 8th Au



Amira Fadina Ahmad Fadzil <amirafadinaahmadfadzil@yahoo.com>

To: Prof Dr Nor Haniza Sarmin

Cc: Nurhidayah Zaid, Nabilah Najmuddin, Nabilah Fikriah Rahin, Athirah Zulkarnain, Nur Idayu Alimon and 4 more...

Assalamualaikum wbkt.

Dear Prof,

A structured course was held today. The talk was on Facing Your Viva Voce by Prof Azman Hassan from Faculty of Engineering at SPS. The following is the short report for the course.

What is Viva?

Viva = an oral defence of our research and our knowledge of the academic area in which our research has been carried out.

Duration: 1.5 to 4 hours

Student need to explain and defend:

- What we have done.
- o What we know about the subject area.
- o Other research that has been carried out.
- o Foundation of knowledge on that topic.

Types of examiners:

- Friendly.
- Adversarial They will challenge our views in order to hear our argument.









Yahoo/Inbox 🦈



Nur idayu Alimon <nuridayualimon@yahoo.com>

To: Prof Dr Nor Haniza Sarmin

Cc: HAZZIRAH IZZATI BINTI MAT HASSIM FS, NOR MUHAINIAH BINTI MOHD ALI FS,

Dr Fong Wan Heng

Assalamualaikum & Salam Sejahtera,

Dear Prof.

On 18th July 2019, I have attended a High Publication Workshop which has been organized by UTM CIAM. The workshop is divided into two sessions and conducted by two different speakers.

The first session is conducted by Prof Graham Sander. Here are the tips to publish in high impact journals.

- 1. Know the editors' expertise.
 - The main reasons for rejecting the papers are the scope, quality of writing of the contribution, novelty, and significance of contribution.
- 2. The abstract must be clear and state what is the importance of the research.
- 3. Literature review
 - Not simply a list of papers stating which problem they solved.
 - Need to provide some sense of historical narrative and what are their contributions to scientific understanding.
 - Identify gaps of knowledge.
 - Conclude the literature review section by stating which of the gaps that your manuscipt is addressing and how this will be achieved.



STUDENTS' LIFESTYLE

PGSS activities

College activities

Toastmasters Club

Culture Corner

Global Buddies

Outbound Mobility-Research Attachment

International Student Society (ISS)



PGSS Activities

PGSS Faculty of Science



- Nur Athirah Farhana Zai (2020/2021)
- Syiham Razak (2019/2020)
- Nur Idayu Alimon, Nurhidayah Zaid (2018/2019)
- Amira Fadina ahmad Fadzil (2017/2018)
- Siti Norziahidayu Amzee Zamri (2016/2018)
- Siti Afiqah Mohammad (2015/2016)



PGSS UTM

- Nur Idayu Alimon (2018/2019)
- Siti Afiqah Mohammad (2015/2016)











UTM TOASTMASTERS CLUB





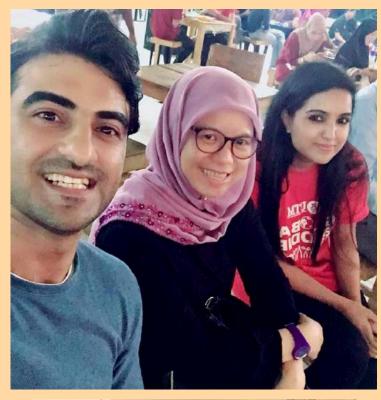




ISS & CULTURE CORNER











Alumni Award

Pro-Chancellor Award



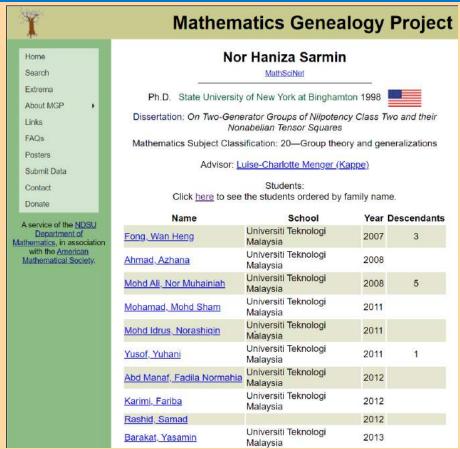


AFTER SUPERVISION

Family tree

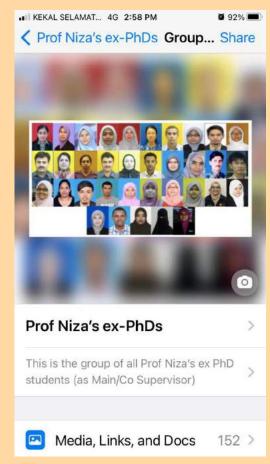
The Mathematics Genealogy Project

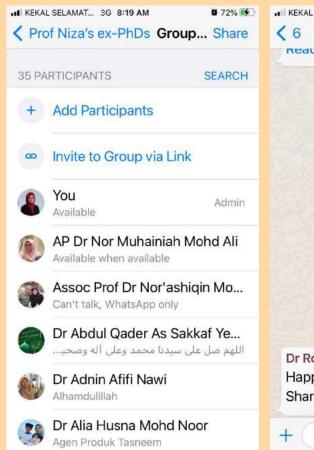
https://genealogy.math.ndsu.nodak.edu/id.php?id=64777

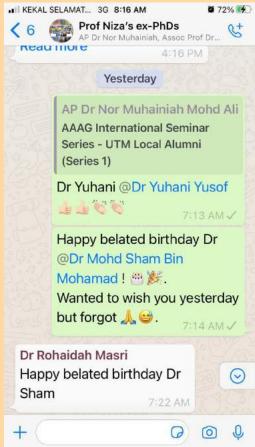




Whatsapp group







Wishing birthday



Emails

----- Forwarded message ------

From: NURHIDAYAH BINTI ZAID <nurhidayah57@graduate.utm.my>

Date: Thu, Apr 1, 2021 at 9:25 AM

Subject: Fw: Second Announcement: 2021 Zassenhaus Groups & Friends Conference (Virtual) - May 28-29 and June 4-5, 2021

To: azrin@ump.edu.my <azrin@ump.edu.my>, Dr. Hidayat Uliah Khan <a href="https://lian.com/hidayat.gov/

Cc: Prof Dr Nor Haniza Sarmin <nhs@utm.my>, fwh@utm.my <fwh@utm.my>, normuhainiah@utm.my <normuhainiah@utm.

Greetings from UTM International!

Yosman <afirdaus49@graduate.utm.my>

Assalamu'alaikum wbkt & Salam Sejahtera

Dear all,

The information on 2021 Zassenhaus Groups & Friends Conference (Virtual) is as forwarded.

Thank you.

Take care and Stay safe!

From: "Karatas, Zekeriya (karatazy)" <karatazy@ucmail.uc.edu>

Date: 30 March 2021 at 5:45:04 AM MYT

Subject: Second Announcement: 2021 Zassenhaus Groups & Friends Conference (Virtual) - May 28-29 and June 4-5, 2021

Dear Colleagues,

As emailed before, 2021 Zassenhaus Groups and Friends Conference will take place online (virtual) this year. We will have two rounds of talks on May 28-29 and June 4-5, 2021. This conference series was initiated by Professor Hans Zassenhaus in the mid-1960's and is currently held on an annual basis, rotating locations during the even-numbered years. We invite you, and your colleagues and especially graduate students, to join us and consider giving a research presentation.

The website for the conference is at: (<a href="http://www2.math.binghamton.edu/p/zassenhaus/zassenhaus/2assen

If you know someone who would like to receive announcements about the Zassenhaus Groups and Friends Conference and related events, please direct them to the link (https://sites.google.com/a/oswego.edu/zassenhaus/) where they can find the email list registration form. Additionally, if you wish to no longer receive such announcements, you can unsubscribe from the email list at the same address.

We hope that you can accept our invitation and look forward to seeing you at the conference.

Sincerely,

The Organizing Committee:

Fernando Guzman Luise Kappe



Research Activities

- Alumni as invited speakers





AAAG International Seminar







Introduction to Groups, Algorithms and

Programming (GAP) Software

GAP is a system for computational discrete algebra, with particular emphasis on Computational Group Theory. GAP provides a programming language, a library of thousands of functions implementing algebraic algorithms written in the GAP language as well as large data libraries of algebraic objects. GAP is used in research and teaching for studying groups and their representations, rings, vector spaces, algebras, combinatorial structures, and many more area of studies. Visit https://www.gap-system.org/ for more info.

💽 Contact person: +6013 7389 564 (Ms Amira Fadina)

Registration Fee:

- RM30 for AAAG members
- · RM60 for non AAAG members (UTM)
- . RM100 for non UTM
- Fee includes all meals, workshop materials and certificate

Sunday, 7 April 2019

Open to:

- · Lecturers/ researchers,
- Students (undergraduates/ postgraduates)
- Professionals

Assistant Professor.

by Dr Sheila Ilangovan University of Nottingham, Malaysia Campus.

(8:00 am - 5:00 pm)





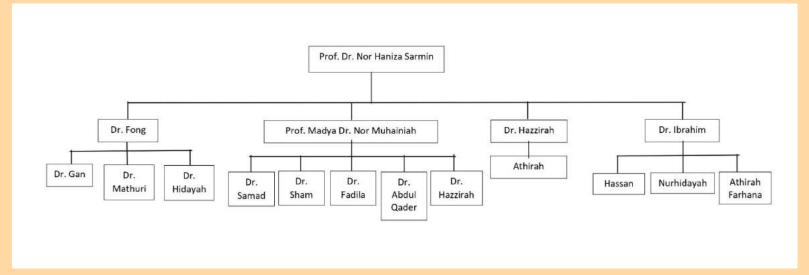




GAP Workshop



Mentor-mentee



Postdoctoral



Dr. Samad Rashid



Dr. Ibrahim Gambo



Local Collaboration



Dr Mathuri a/p Selvarajoo (UiTM Shah Alam)
A theoretical DNA based computer model for food authentification process, RACER,
1 September 2019 – 31 August 2021, RM 51,200.00



Dr Adnin Afifi Mohd Nawi (UTHM)
The Relative Prime Order Product Probability of a
Subgroup of Some Finite Groups and Its Graph, RACER,
1 September 2019 – 31 August 2021, RM 40,000.00



Dr Muhammad Azrin Ahmad (UMP)
A Fundamental Research On Characterisation Of Second
Order Limit Language Using Automata Theory In Dna
Splicing System, FRGS,

1 January 2019- 31 December 2020, RM 56,600.00



List of students in website

https://people.utm.my/nizasarmin/phd-students/

PROF DR NOR HANIZA SARMIN



PhD students

GRADUATED STUDENTS

Dr Fong Wan Heng
 Period: 2004 – 2007

Title: Modelling of Splicing Systems Using Formal Language Theory

Graduated on 26 March 2008

Current Address: Department of Mathematical Science, Faculty of Science, Universiti Teknologi Malaysia, 81310

UTM Johor Bahru, Johor, Malaysia

Position: Senior Lecturer E-mail: fwh@utm.my

Website: https://people.utm.mv/fwh/

2. Dr Azhana Ahmad

Period: 2003 - 2008

Title: The Exact Number of Conjugacy Classes of 2-Generator p-Groups of Nilpotency Class 2

Graduated on 16 September 2008

Current Address: Pusat Pengajian Sains Matematik, Universiti Sains Malaysia, 11800 USM Minden, Pulau Pinang

Position: Senior Lecturer E-mail: azhana@usm.my

3. Dr Nor Muhainiah Mohd Ali

Period: 2005 - 2008

Title: Homological Functors and Capability of 2-Generator Groups of Nilpotency Class Two

Graduated on 31 December 2008

Current Address: Department of Mathematical Science, Faculty of Science, Universiti Teknologi Malaysia, 81310

UTM Johor Bahru, Johor, Malaysia

Position: Senior Lecturer

E-mail: normuhainiah@utm.my

Website: https://people.utm.my/normuhainiah/



International Collaboration

PROPOSAL INTERNATIONAL RESEARCH 2021



A Fundamental Research on Computing the Topological Indices of Zero Divisor Graph for a Finite Commutative Ring

Principal Investigator Research Division Faculty : Dr. Intan Muchtadi

: Algebra : FMIPA

INSTITUT TEKNOLOGI BANDUNG Februari, 2021



Nomor

INSTITUT TEKNOLOGI BANDUNG

LEMBAGA PENELITIAN DAN PENGABDIAN KEPADA MASYARAKAT

8 Maret 2021

Gedung CRCS Lantai 6, Jalan Ganesa No. 10 Bandung 40132, Teip. (022) 86010050, 86010051 Email: <u>lopmallopm.itb.ac.id</u>, website: www.lppm.itb.ac.id

: 693/IT1.B07.1/TA.00/2021

Lampiran : satu berkas

Perihal : Penetapan Penerima Dana Riset Internasional Tahun 2021

Kepada Yth. Para Peneliti

(daftar terlampir)

Menindaklanjuti surat Ketua LPPM nomor 495/ITI.B07.1/TA.00/2021 tanggal 10 Februari 2021 perihal Penerimaan Proposal Riset Internasional Tahun 2021, bersama ini kami informasikan bahwa LPPM ITB telah menerima 46 proposal yang disusikan untuk didanai melahui program Riset Internasional Tahun 2021. Berdasarkan penilaian kelayakan usulan proposal serta proses seleksi yang dilaksanakan oleh Board of Reviewer ITB, sebanyak 17 proposal disehujui untuk didanai. Adapun daftar rinci penerima dana Riset Internasional Tahun 2021, kami sampaikan dalam lampiran.

Bagi para penerima dana dimohon untuk mengirimkan Rencana Anggaran dan Biaya (RAB) melalui alamat email edikilppm.iib.acid paling lambat tanggal 17 Maret 2021.

Demikian kami sampaikan. Atas perhatian dan kerja sama yang diberikan, kami ucapkan terima kasih.

Ketua LPPM,

Ir. R. Sugeng Joko Sarwono, M.T., Ph.D. NIP. 196803271995031002

Tembusan Yth.

- 1. Wakil Rektor Bidang Riset dan Inovasi ITB;
- 2. Ketua Satuan Penjaminan Mutu ITB.



STUDENTS' TESTIMONIALS

From: abdulgader al-saggaf <alssakkat@yahoo.com>

Date: 7 March 2014 at 11:29:29 PM MYT

To: "vicechancellor@utm.my" <vioschancellor@utm.my>, "drwahid@utm.my" <drwahid@utm.my>

Cc: "harrimahnozari@gmeil.com" - Najb Zakaria - Shahliza biriti Shaharudin - Shaharudin - Shaharudin - Shaharudin

Subject: Letter of Appreciation

Reply-To: abdulgader al-saggaf <alssakkaf@lyahoo.com>

Dear Prof. Ir. Dr. Wahid bin Omar.

Respected Vice Chancellor

Universiti Teknologi Malaysia,

Here is Abdulqader Basri from Yemen. I was a Ph.D student who has recently graduated from the Department of Mathematical Sciences, Faculty of Science, UTM, Johor.

I am writing here on the occasion of my graduation for the purpose of appreciation to UTM. I would like to express my sincere gratitude to all academic and nonacademic staff of Universiti Teknologi Malaysia (UTM), who have directly or indirectly played a role in my study. I found UTM is worth to be loved and praised institute for the politeness, cooperation and humility of its staff, outstanding facilities, attractive environment and much more. UTM was the most nice and suitable institute in my life that built my character and interaction with society along with awarding me with the degree. So, I wish to thank you for your great efforts in order to put UTM on the line of top distinguished Universities of the world.

On this occasion, I will not miss the opportunity to thank my sincere supervisor, Assoc Prof Dr Nor Haniza Sarmin, for her guidance, support, compassion and much more. In my view, she is one of the very few staffs who are very active, always available and in always touch with her students and promptly replying their text messages and emails whether she is around or outstation. Also, I cannot forget to thank my co-supervisor Dr Nor Muhainiah Mohd Ali for her help, suggestions and support throughout all my research time. My many thanks go to Ms. Hamimah Nozari from SPS, Mr. Najib Zakaria and Ms. Shahliza Shahrudin from Department of Mathematical Sciences for their cooperation and help.

Finally, Thanks so much once again to you and all UTM staff for your sincere help throughout. I hope to always hear happy news about UTM and its upcoming success and prosperity.

Yours Sincerely,

Tours officered

Abdulqader Basri Hadramout, Yemen From: "Karimi, Fariba" <f.karimi2@herts.ac.uk>

Date: 12 Dec 2013 22:18

Subject: PhD graduated under supervision of Assoc Prof Dr Nor Haniza Sarmin

To: "drwahid@utm.my" <drwahid@utm.my>

Cc: "deansps@utm.my" <deansps@utm.my" <pre>, "p-zaida@utm.my" , "dvcai@utm.my" <dvcai@utm.my</pre>

Dear Prof Dr Wahid Omar,

My name is Fariba Karimi. I have graduated in the 51th convocation in mathematics under the supervision of Assoc Prof Dr Nor Haniza Sarmin. I would like to let you know about my experience in UTM especially my supervisor since during PhD the main person that the student is dealing with is her/his supervisor. I have had a really great experience with her.

The main apparent of her character is her discipline and punctuality. In my opinion she is unique in fast responding to requests and emails. I do not remember that any of my emails have been responded later than 1 hour in the worst case and usually in seconds or just minutes. Although she is very busy because of her responsibilities, she usually has a regular program to meet her students and be aware of their research progress.

Dr Niza is very supportive and she always tries to do her best to solve her students' problems. For example, she is very informative in the university rules and so she suggests the appropriate channels that provides the student a suitable opportunity to show her/himself and use her/his talent in the best way by using the available resources.

Dr Niza has really strong communication skills and networking. She usually finds suitable people that can engage and be involved in our research and connects her students to the skilled researchers worldwide. I believe this is very important in the academic society for us in general and UTM in specific to be world class.

I would like to give some examples in my case. Once I remember that I found a very top ranking conference in my area on its due date. I was very upset and told her about it, she emailed the conferences promptly and asked if it was possible to give me a chance. They accepted and gave me just two days. I worked hard in that period and made my paper ready. She also helped me to edit the paper very quickly although she was very busy and it was not her job to do that in that short time but her sense of responsibility and commitment and favor that did. Finally, our paper was accepted and published in an indexed journal.

Moreover, she is always aware of all due dates for the internal university applications such as registration, teacher assistantship, fellowships, etc. and she always kindly reminded all the students. I have not seen this manner in my friends' supervisors or very rarely.

She also gave me a very good recommendation that i got accepted for a 2-year postdoctoral position in UK now.

At last, I would like to say, it is my honor that I did my PhD successfully under her supervision. I am proud to be graduated from UTM. And I want to thank you personally for giving me this opportunity.

Sorry for taking so much of your time.

Sincerely Yours,

Fariba Karimi (Dr)
PhD (Mathematics), UTM
Postdoctoral (Bio-Computation),
University of Hertfordshire

UK



STUDENTS' TESTIMONIALS

On 14 Jan 2014 20:17, "y B"

<y b53@yahoo.com> wrote:

Dear Professor Ir. Dr. Wahid bin Omar,

Respected Vice Chancellor of Universiti Teknologi Malaysia,

This is Yasamin Barakat, an Iranian PHD student of the Department of Mathematical Sciences, who has recently graduated.

I would like to thank you beforehand for your valuable time that would be spent reading this email.

I am writing in order to express my appreciation toward all academic and nonacademic staff of Universiti Teknologi Malaysia (UTM), who have

mostly tried to practically reconsider some of strict rules of UTM toward international students and treat these students based on humanity and compassion. Just a few to name:

Prof. Dr. Rose Alinda Alias, Prof. Dr. Zaidatun Tasir,

Ms. Norasmida Alias and Ms. Hamimah Nozari from SPS,

Dr. Nor Muhainiah mohd Ali, Ms. Shahliza Shahrudin, Ms. Amirah and Mr. Najib Zakaria from Department of Mathematical Sciences,

Ms. Najmah Shamsuddin, Faridah Abdul Aziz and Radiah Mohd Alip from Academic Management Division.

Also, my special gratitude goes to my dearest supervisor, Assoc. Prof. Dr. Nor Haniza Sarmin, for all her efforts, kindness, support, guidance, help and compassion during my study period. Although, I have found Malaysia and UTM full of kind people who are willing to help, but, I should confess that Dr. Nor Haniza has been the most supportive and responsible person that I have ever met. Indeed, she has always been there for me in cases of both personal and educational needs.

Her availability, discipline, time management, punctuality, quick and knowledgably responding and responsibleness in spite of being so busy, have made of her a unique sample of hardworking woman that has inspired all of her students, including me. It is known that "A good teacher educates, a great teacher inspires" and I wish to congratulate you and UTM because of having such a great and inspiring teacher.

Finally, hereby I would like to apologize to my dear supervisor and all those dear mentioned people, for the trouble that I have caused them. Hopefully, UTM will reconsider some of its regulations, especially where the international students are considered to prevent disturbing its dear and kind staff

At the end, please let me to thank you, once more for your precious time and kind concern and wish you and UTM more upcoming success and prosperity.

Sincerely Yours

Yasamin Barakat



CONCLUSION

HUGE RESPONSIBILITY!



CONCLUSION

WHAT ARE THE CRITERIA OF A GOOD SUPERVISOR?



WHAT ARE THE CRITERIA OF A GOOD SUPERVISOR?

- Passion/Compassion
- Understanding
- Punctual
- Ever-Helpful
- Friendly
- Approachable
- Smart
- Intelligent
- Caring



WHAT ARE THE CRITERIA OF A GOOD SUPERVISOR?

- Committed
- Highly-disciplined
- Great communication skills
- Great networking
- Highly-skilled in the area
- Alert of all deadlines
- Sincere
- Supportive



HAPPY ENDING 1 ⁽²⁾





HAPPY ENDING 2 ⁽²⁾



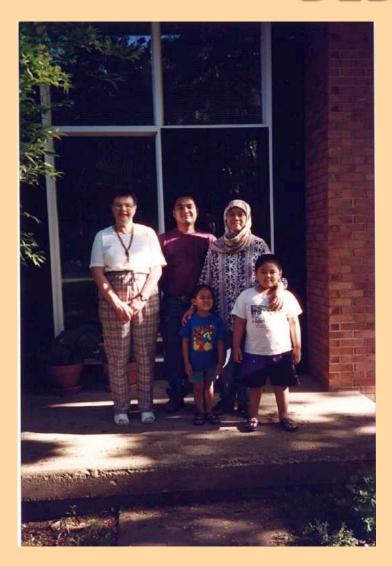




21 April 1998



DEDICATION









DEDICATION









DEDICATION

Prof Luise-Charlotte Kappe





21 April 1998

26 March 2021



PROF. DR. NOR HANIZA SARMIN



https://people.utm.my/nizasarmin/



nhs@utm.my



Niza Sarmin



Niza Sarmin

Credit:



Nur Idayu Alimon



