



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

A Ph.D Dilemma - To Publish or To Graduate-On-Time?

Prof. Dr. Nor Haniza Sarmin
Department of Mathematical Sciences
Faculty of Science, UTM

2 May 2019



Zoom Meeting | 29 January 2021

inovatif • entrepreneurial • global

INSPEM'S ONLINE **WEEKLY SEMINAR**

DATE : 29 JANUARY 2021 (FRIDAY) | TIME : 3.15 PM
MEDIUM : VIDEO CONFERENCE (ZOOM)

**Topic : A Ph.D. Dilemma –
To publish or To Graduate-On-Time?**

ABSTRACT

Which one is more important? To Graduate-On-Time (GOT) or to produce as many publications as possible? In this talk, the speaker will share her experiences in supervising research students and some tips for the students to achieve both at the same time. Prof Niza has successfully supervised and graduated 35 Ph.D students and 80% of them GOT. This talk is aimed to be beneficial to all postgraduate students by research and also supervisors. Furthermore, she will also share some of her students' research topics which mostly cover the area in Group Theory, Formal Language Theory and their applications.

#UNSDG

WHAT IS GOT?

Graduate On Time (GOT) refers to students who completed their study within normal duration



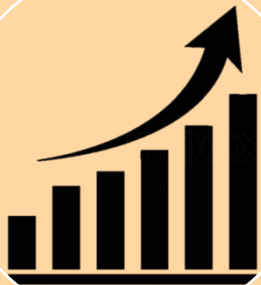
11 November 2018

DEFINITION OF GOT (FOR PHD)



GOT-MYRA

- 42 MONTHS



GOT-MOHE

- 48 MONTHS



WHY GOT AND PUBLICATIONS ARE BOTH IMPORTANT?

FOR GOT

- Scholarship/Study Leave
- The University and Country's aspiration
- On-time graduation signals that the applicant is organized, focused, responsible, and meets deadlines.

WHY GOT AND PUBLICATIONS ARE BOTH IMPORTANT?

FOR PUBLICATION

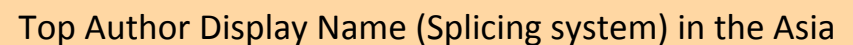
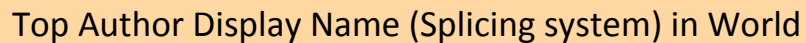
- Thesis Submission requirement.
- Being able to publish shows that you actually know what you are doing and that you have the potential of advancing your field.
- Bonus for being hired.
- PhD by publications.

WHY ELSE DO WE PUBLISH?

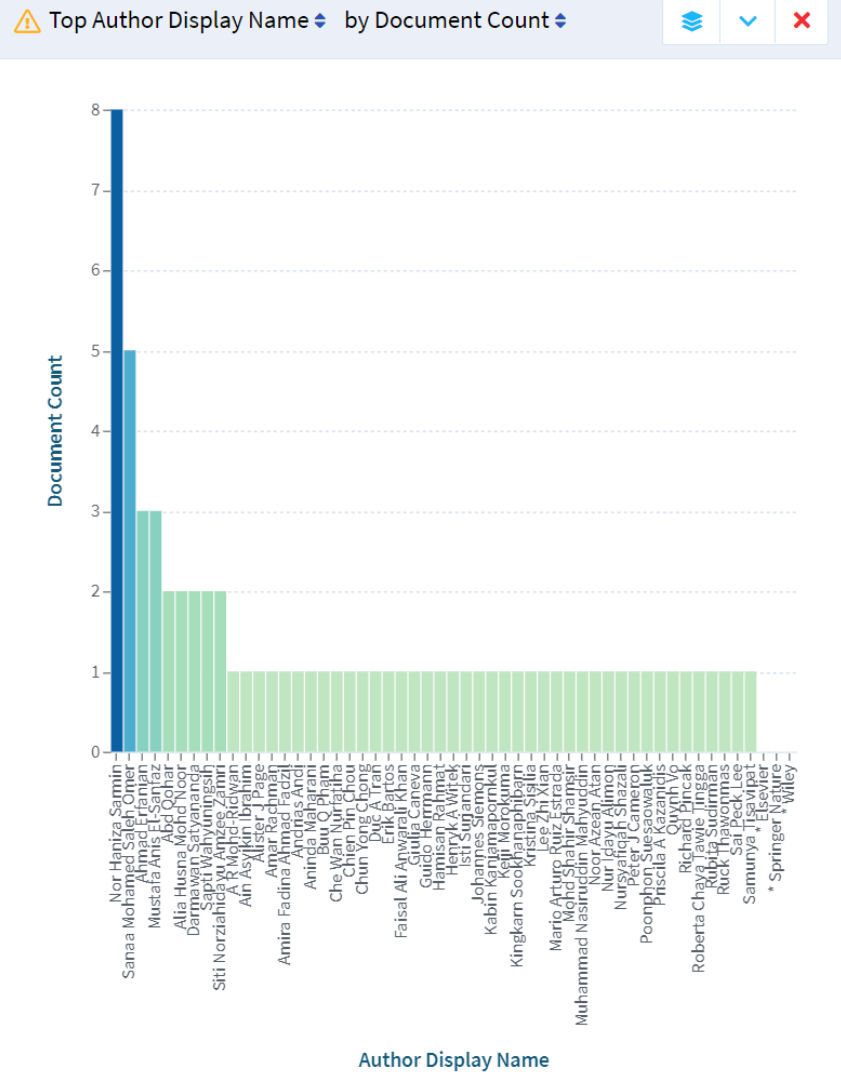
- To pass on the knowledge we have gained.
- To prove the novelties.
- To increase our academic prestige.
- To secure further funding.
- To get a promotion.

**“If your research is not published in a journal,
then it does not exist”**

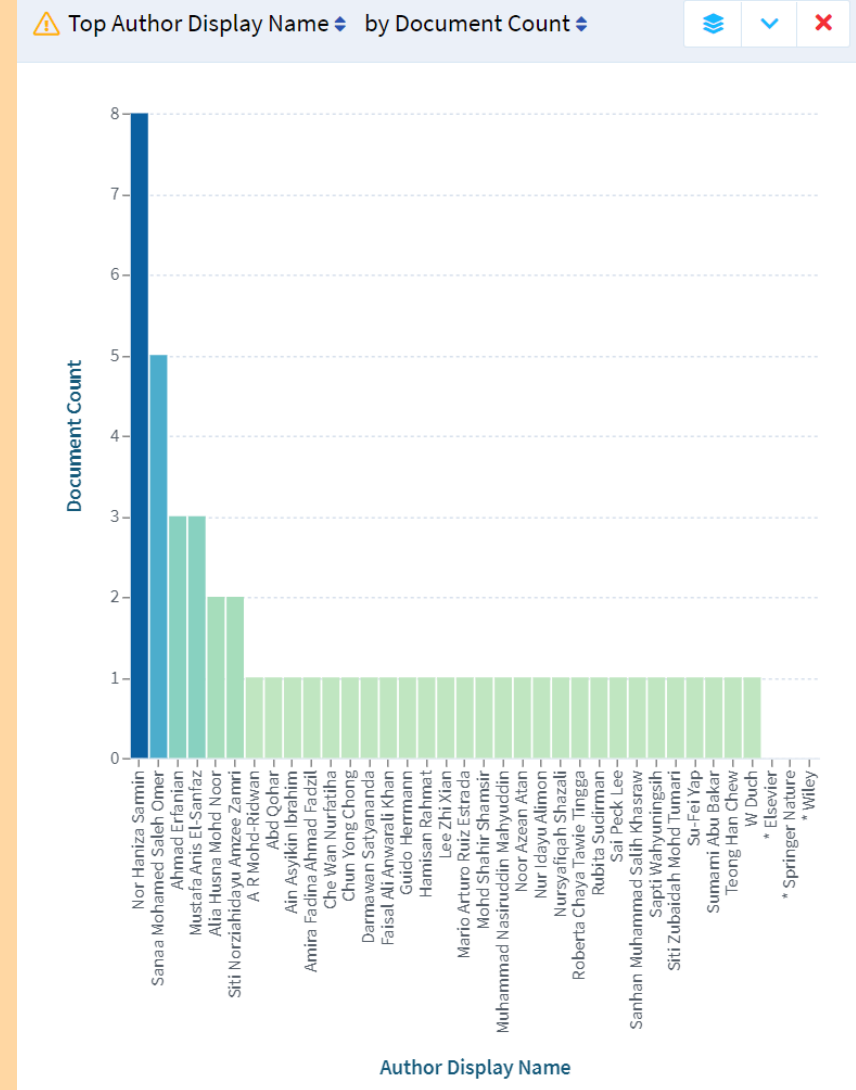
Lens.org - [Free & Open Patent and Scholarly Search](#)



WHY ELSE DO WE PUBLISH?



Top Author Display Name (Group Theory) in Asia

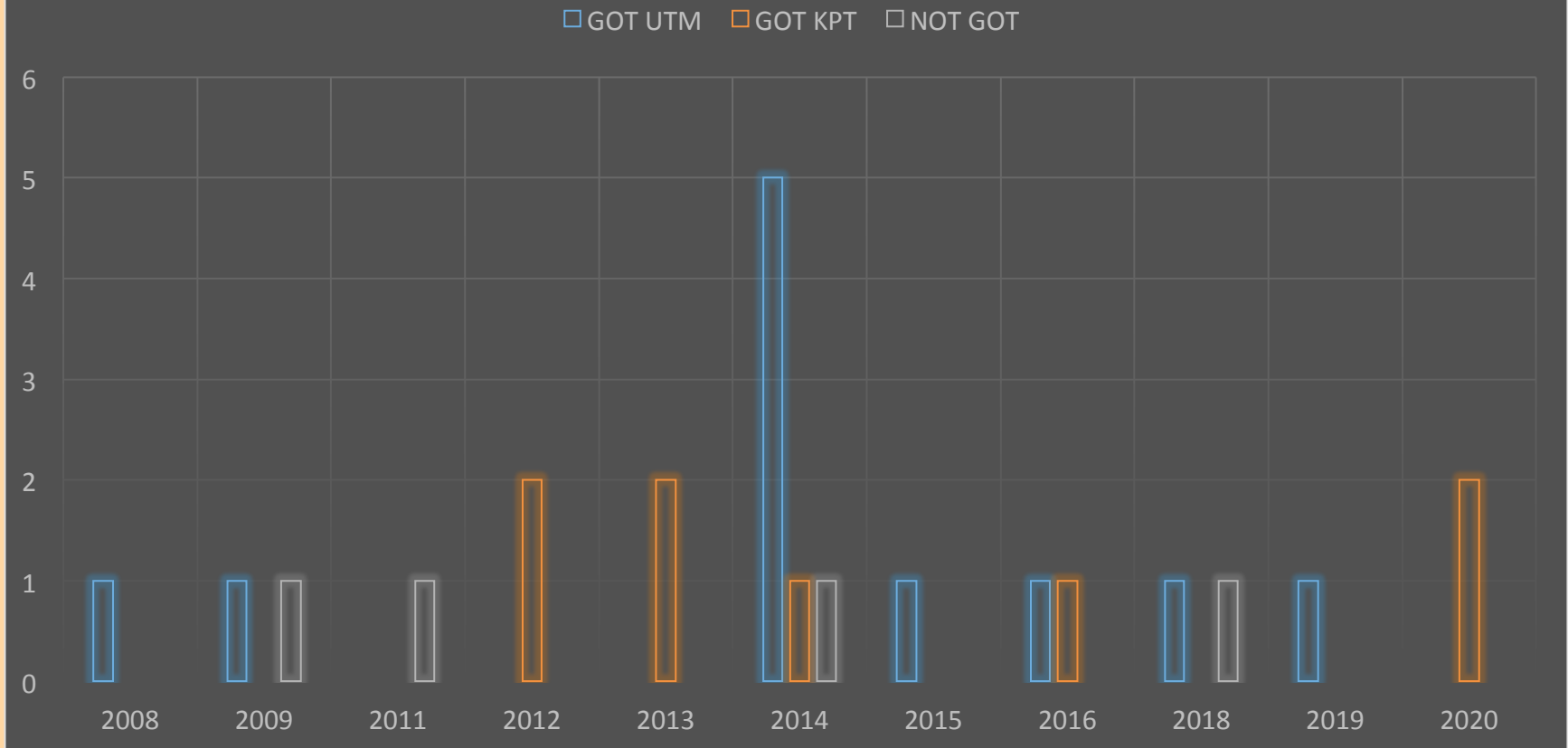


Top Author Display Name (Group Theory) in Malaysia

GRADUATED PHD STUDENTS



Number of GOT Students by Year of Study Completion



	Graduated students	GOT UTM	GOT KPT
Local	65%	48%	80%
International	35%	75%	92%

*as main supervisor

PhD Supervision

(25 students as Main SV, 8 as Co-SV, from 2004-2020)

No.	Name	Title
1	Fong Wan Heng (graduated on 26 March 2008)	Modelling of Splicing Systems Using Formal Language Theory.
2	Azhana Ahmad (graduated on 16 Sept. 2008)	The Exact Number of Conjugacy Classes of 2-Generator p -Groups of Nilpotency Class 2.
3	Nor Muhainiah Mohd Ali (graduated on 31 Dec 2008)	Homological Functors and Capability of 2-Generator Groups of Nilpotency Class Two
4	Rohaidah bte Masri (co) (graduated on 17 Nov 2009)	The Nonabelian Tensor Squares of Some Bieberbach Groups With Cyclic Point Group of Order 2
5	Norashiqin Mohd Idrus (PT) (graduated on 4 April 2011)	Bieberbach Groups With Finite Point Groups
6	Loh Ser Lee (co) (graduated on 23 Nov 2011)	Graph Theoretical Characterizations and Techniques for Minimization of Connected Graphs Into Single-row Networks.
7	Samad Rashid (graduated on 30 Jan 2012)	The Nonabelian Tensor Squares and Capability of Some Finite Groups
8	Yuhani Yusof (graduated on 29 Feb 2012)	Non-Simple Splicing Systems and Their Characterizations
9	Mohd Sham Mohamad (graduated on 26 March 2012)	Compatibility Conditions and Nonabelian Tensor Products of Finite Cyclic Groups Of p -Power Order
10	Fadila Normahia Abd Manaf – Fast Track (graduated in March 2013)	Commutativity Degrees of Nilpotent Groups of Class Two
11	Fariba Karimi (graduated in July 2013)	Mathematical Modeling of Splicing Systems in DNA Computing

No.	Name	Title
12	Sheila a/p Ilangovan (graduated Nov 2013)	Conjugacy Classes and Graph of Some 2-Groups of Nilpotency Class 2.
13	Faiz Muhammad Khan (graduated Dec 2013)	New Generalizations of Fuzzy Ideals in Ordered Semigroups
14	Abdulqader Mohammed Bin Basri Assaqqaf (graduated Jan 2014)	Capability and Homological Functors of Finite Metacyclic p-Groups
15	Yasamin Barakat (graduated Dec 2013)	Automorphisms of Nonabelian 2-Generated p-Groups of Class 2
16	Hazzirah Izzati Mat Hassim – Fast track (graduated Nov 2014)	The Homological Functors and Capability of Some Bieberbach Groups
17	Kayvan Moradipour (graduated Dec 2013)	The Commutativity Degree in Some Finite Groups
18	Zainab Yahya (co) – Fast Track (graduated 2016)	Representations of Dihedral Groups
19	Sanaa Mohamed (graduated Nov 2014)	Generalized Commutativity Degrees of Permutation Groups
20	Mathuri Selvarajoo (co) (graduated 2015)	Probabilistic Splicing System and Sticker System
21	Gan Yee Siang (co) – Fast Track (graduated March 2015)	Computational Power of Weighted Automata in DNA Splicing System and Sticker System
22	Hidayat Ullah Khan (graduated 2015)	Intuitionistic Fuzzy Ideals in Ordered Semigroups

No.	Name	Title
23	Rosita Zainal (co) (graduated 2016)	The Homological Functors of Groups of Order p^n
24	Adnin Afifi Nawi (co) – Fast Track (graduated 2016)	The Schur Multiplier of Pair for Some Finite Groups
25	Muhammad Azrin Ahmad – Fast Track (graduated Oct 2016)	Some Characteristics of DNA Splicing Languages via Yusof-Goode Approach
26	Nurhidaya Mohamad Jan (co) – Fast Track (graduated 2016)	Pushdown Automata in Extended Valence H Systems Over Some Permutation Groups
27	Siti Afiqah Mohammad (graduated 2018)	The Homological Functors of Bieberbach Groups of Dimension Six with Quaternion Point Group of Order Eight
28	Norarida Abd Rhani (co) (graduated 2017)	An Extension of the Commutativity Degree of Some Finite Groups and Their Graphs
29	Siti Norziahidayu Amzee Zamri (graduated 2018)	A Variance of the Probability That a Metacyclic p -Groups Fixes a Set and Its Related Graphs
30	Rabiha Birkia (graduated 2018)	Energy of Some Graphs Associated to Finite Graphs
31	Ibrahim Gambo (graduated 2019)	Innovative Types of Fuzzy Gamma Ideals in Ordered Gamma Semigroups
32	Suad Saed M Alrehaili (graduated 2020)	Some Variances of the Commutativity Degree of Some Finite Groups and Their Applications in Graph Theory
33	Alia Husna Mohd Noor (graduated 2020)	3-generator Groups of p -power Order and Some Related Graphs

ACTIVE PHD STUDENTS

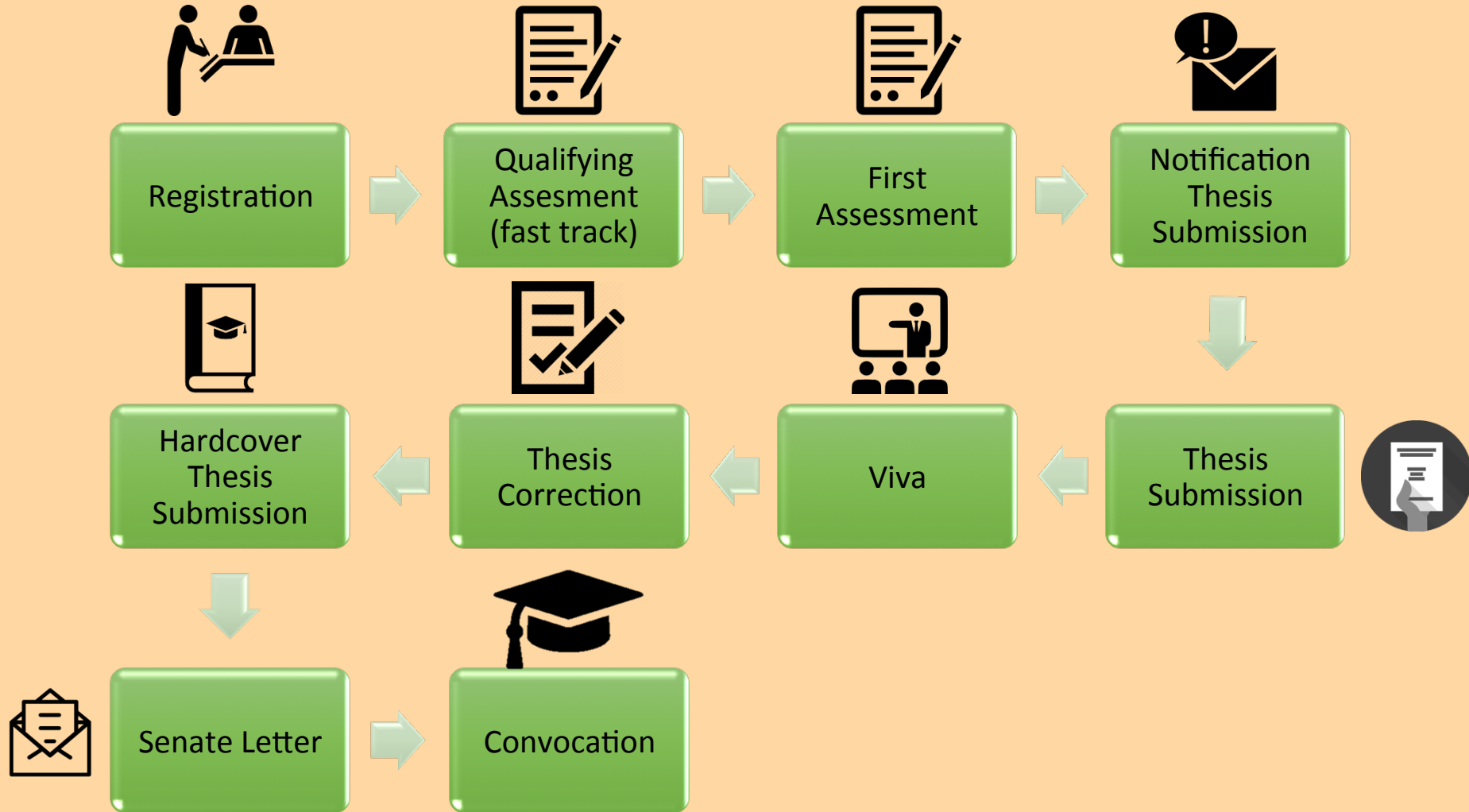


9 as Main, 3 as Co

Active PhD Students

No.	Name	Year	Title
34	Nur Idayu Alimon – Fast Track (passed viva voce on 5 Nov)	Sept 2017	The Topological Indices of Certain Graphs for Some Finite Groups
35	Nabilah Najmuddin (passed viva voce 29 Dec)	Sept 2016	Independence Polynomial of Some Graphs of Some Groups
36	Amira Fadina Ahmad Fadzil (thesis submitting)	Sept 2017	The Energy of Cayley Graphs of Some Finite Groups
37	Aqilahfarhana Abdul Rahman (co)	Sept 2017	New Computational Models for Biological Data Analysis Based on Static Watson-Crick Grammars
38	Nurul Izzaty Ismail (co) – Fast Track	Sept 2017	Mathematical Modelling of DNA Splicing Systems with Palindroic and Non-Palindromic Restriction Enzymes
39	Athirah Zulkarnain	Sept 2018	The Prime Cayley Graphs of Non-Abelian p-Groups
40	Nabilah Fikriah Rahin	Sept 2018	Moore-Penrose Inverse Matrix of Directed Simple Graphs to Some Finite Groups
41	Nurhidayah Zaid	Sept 2018	Probabilistic Characterizations of Finite Rings
42	Nur Athirah Farhana Zai – Fast Track	Sept 2019	The Zero Divisor and Non-Zero Divisor Graphs of Ring of Matrices Over Finite Field
43	Syiham Razak – Fast Track	Sept 2019	Spliced Graph in Graph Splicing System
44	Mohamad Hassan Mudaber	Feb 2020	Perfect Codes in Unit Graph of Some Commutative Rings

RESEARCH PLANNING



GRADUATION REQUIREMENTS

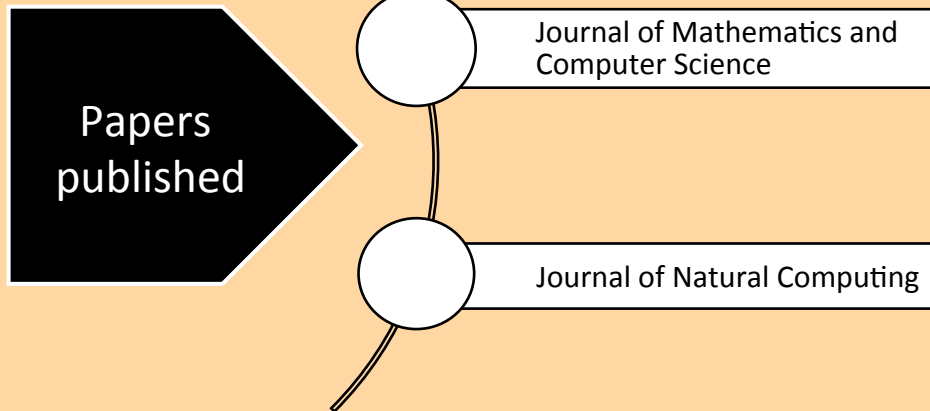
Programme	Requirements
Master by Research	Produced at least one(1) accepted or published publication from journal article, conference proceeding or book chapter.
Doctor of Philosophy	Produced at least one(1) indexed journal article or two(2) indexed conference proceedings accepted or published in SCOPUS/ERA or WOS.

Dr. Fong Wan Heng

Universiti Teknologi Malaysia

Graduated in 40 months (2004-2008)

Thesis : Modelling of Splicing Systems Using Formal Language Theory.



SUNY Binghamton, USA



Conferences attended

1. **Second International Conference on Research and Education in Mathematics (ICREM2)**
2. First International Symposium of Bio-Inspired Computing (BIC'05)
3. First International Conference on Natural Resources Engineering & Technology 2006 (INRET2006)
4. International Conference on Mathematical Sciences (ICOMS2007)
5. **Konferensi Kebangsaan Permodelan Matematik & Statistik Sempena 75 Tahun UPM**
6. Simposium Kebangsaan Sains Matematik Ke-15 2007 (SKSM15)

Non-academic
activities



Asst. Prof Dr Sheila a/p Ilangovan

University of Nottingham

Graduated in 37 months (2010-2013)

Thesis : Conjugacy Classes and Graph of Some 2-Groups of Nilpotency Class 2.

List of publications

1.	S. Ilangovan and N. H. Sarmin, <i>Conjugacy Class Sizes for Some 2-Groups of Nilpotency Class Two</i> , Jurnal Teknologi Special Edition (Sciences), 57 (1), 2012, pg. 25-33.	Scopus
2.	S. Ilangovan and N. H. Sarmin, <i>Some 2-Generator 2-Groups of Nilpotency Class Two and The Order Classes</i> , International Journal of Applied Mathematics & Statistics (IJAMAS), 42 (12), 2013, pg. 411-416.	Scopus
3.	S. Ilangovan and N. H. Sarmin, <i>On Graphs Related to Conjugacy Classes of Some 2-Groups</i> , <i>Proceedings of the 20th National Symposium on Mathematical Sciences (SKSM 20)</i> , AIP Conf. Proc., 1522 , 2013, pg. 872-874. (ISBN: 978-0-7354-1150-0).	Scopus
4.	S. Ilangovan and N. H. Sarmin, <i>a Book Chapter titled Conjugacy Classes of Some Groups of Class Two</i> , <i>Advances in Group Theory, DNA Splicing and Complex Analysis</i> , 2012, pg. 3-18.	Book chapter



Conferences attended

1. *International Science Postgraduate Conference 2012 (ISPC 2012)*, Ibnu Sina Institute for Fundamental Science Studies, Universiti Teknologi Malaysia, Johor Bahru, Johor.
2. *2nd Regional Conference on Applied and Engineering Mathematics 2012 (RCAEM-II 2012)*, Eastern & Oriental Hotel, Penang.
3. *Regional Annual Fundamental Science Symposium (RAFSS 2011)*, Thistle Hotel, Johor Bahru, Johor.
4. *Simposium Kebangsaan Sains Matematik ke-19 (SKSM19)*, UiTM Pulau Pinang.
5. *National Science Postgraduate Conference 2011 (NSPC 2011)*, Ibnu Sina Institute for Fundamental Science Studies, Universiti Teknologi Malaysia, Johor Bahru, Johor.
6. *The First Biennial International Group Theory Conference 2011 (BIGTC 2011)*, Ibnu Sina Institute for Fundamental Science Studies, Universiti Teknologi Malaysia, Johor Bahru, Johor.

Asst. Prof. Dr. Gan Yee Siang

Feng Chia University, Taiwan

Graduated in 40 months (2011-2015).

Thesis : Finite Automata in DNA Splicing and Sticker Systems with the Presence of Weights.



Pro-Chancellor Award

List of publications

1.	Gan, Y. S. Turaev, S., Fong, W. H. and Sarmin, N. H. Computational Power of Weighted Splicing Systems. Proceeding of the Bulgarian Academy of Sciences . 2014. 67(6): 753-762.	WOS IF:0.211
2.	Fong, W. H., Gan, Y. S., Sarmin, N. H. and Turaev, S. Automata Diagram over Abelian Groups. AIP Conference Proceedings . 2013. 1522: 875C882. (ISBN:978-0-7354-1150-0, ISSN: 0094-243X)	Scopus
3.	Fong, W. H., Gan, Y. S., Sarmin, N. H. and Turaev, S. Automata for Subgroups. AIP Conference Proceedings . 2014. 1602: 632-639. (ISSN: 0094243X ISBN: 978-073541236-1, DOI: http://dx.doi.org/10.1063/1.4882551)	Scopus
4.	Gan, Y. S., Fong, W. H., Sarmin, N. H and Turaev, S. Generative Power of Weighted One-Sided and Regular Sticker Systems. AIP Conference Proceedings . 2014. 1602: 855-862.	Scopus
5.	Turaev, S., Gan, Y. S., Othman, M., Sarmin, N. H and Fong, W. H. Weighted Splicing Systems. In: Li, Z., Li, X., Liu, Y. and Cai, Z. eds. Computational Intelligence and Intelligent Systems . China: Springer. 416C424; 2012.	WOS
6.	Gan, Y. S., Fong, W. H., Sarmin, N. H and Turaev, S. Some Properties and Variants of Weighted Sticker System. International Journal of Applied Mathematics and Statistics . 2013. 45(15): 367C375.	Scopus

List of publications (Cont.)

7.	Gan, Y. S., Fong, W. H., Sarmin, N. H and Turaev, S. Geometrical Representation of Automata over Some Abelian Groups. Malaysian Journal of Fundamental and Applied Sciences . 2012. 8(1): 24–30.	WOS
8.	Gan, Y. S., Fong, W. H., Sarmin, N. H and Turaev, S. Permutation Groups in Automata Diagrams. Malaysian Journal of Fundamental and Applied Sciences . 2013. 9(1) 35–40.	WOS
9.	Gan, Y. S., Fong, W. H., Sarmin, N. H and Turaev, S. Weighted Simple and Semi-Simple Splicing Systems. Malaysian Journal of Fundamental and Applied Sciences . 2014. 10(4): 201-206.	WOS
10.	Gan, Y. S., Fong, W. H., Sarmin, N. H and Turaev, S. Weighted Sticker Systems. Proceedings of the International Science Postgraduate Conference . November 27-30, 2012. Johor, Malaysia. 2012. 48–56.	Proceedings
11.	Gan, Y. S., Fong, W. H., Sarmin, N. H and Turaev, S. Weighted One-Sided Splicing Systems. Proceedings of the International Science Postgraduate Conference . March 10-12, 2014. Johor, Malaysia. 2014. 754–765.	Proceedings
12.	Fong, W. H., Gan, Y. S. and Turaev, S. Weighted Splicing Systems. Recent Advances in DNA Splicing Systems.	Book chapter
13.	Fong, W. H., Gan, Y. S. and Turaev, S. Weighted Sticker Systems. Recent Advances in DNA Sticker System and Watson-Crick Automata.	Book chapter
14.	Sarmin, N. H, Gan, Y. S. Relation of Watson-Crick Finite Automata with Groups. Recent Advances in DNA Sticker System and Watson-Crick Automata.	Book chapter

Non-academic activities

Asst. Prof. Dr. Gan Yee Siang
Feng Chia University, Taiwan

Committee, Festival Tun
Razak III, 2008

President, Wushu Group
Persatuan Kesenian Citra
Daksina, Unit Kebudayaan
UTM 2010

Committee, Malam
Kebudayaan & Pesta Tanglung



Research attachment at Universidade de Brasilia, Brasilia, Brasil

Dr. Hazzirah Izzati Mat Hassim

Universiti Teknologi Malaysia

Graduated in 48 months (2010-2014)

Thesis : The Homological Functors of Bieberbach Groups with Cyclic Point Groups of Order Two, Three and Five.



Dr. Hazzirah Izzati received Malaysia Book of Record as the Youngest PhD Holder



Research attachment at Universidade de Brasilia, Brasilia, Brasil



Research attachment at Ferdowsi University of Mashhad, Iran



Research attachment at Università Degli Studi Di Palermo, Italy

List of publications

1	Hazzirah Izzati Mat Hassim, Nor Haniza Sarmin, Nor Muhainiah Mohd Ali, Rohaidah Masri, Norashiqin Mohd Idrus. The exterior squares of some crystallographic groups. Jurnal Teknologi . 2013. 62(3): 7-13. (eISSN: 2180-3722, ISSN: 0127-9696)	Scopus
2	Hazzirah Izzati Mat Hassim, Nor Haniza Sarmin, Nor Muhainiah Mohd Ali, Rohaidah Masri, Norashiqin Mohd Idrus. The Schur multipliers of certain Bieberbach groups with abelian point groups. AIP Conf. Proc. 2013. 1522:1069-1074.	Scopus
3	Hazzirah Izzati Mat Hassim, Nor Haniza Sarmin, Nor Muhainiah Mohd Ali, Rohaidah Masri, Nor'ashiqin Mohd Idrus, "Exterior squares of some Bieberbach groups with abelian point groups", Proceedings of International Science Postgraduate Conference 2012 (ISPC 2012), pp 95-112.	Proceedings
4	Hazzirah Izzati Mat Hassim, Nor'ashiqin Mohd Idrus, Nor Haniza Sarmin, Robert F. Morse and Rohaidah Masri, "The structure of the abelianization of a Bieberbach group", Prosiding Simposium Kebangsaan Sains Matematik Ke-19 (SKSM 19), pp 480-486. ISBN: 978-983-42204-8-8.	Proceedings
5	Hazzirah Izzati Mat Hassim, Nor Haniza Sarmin, Nor Muhainiah Mohd Ali, Rohaidah Masri, Nor'ashiqin Mohd Idrus, "Homological invariants of some Bieberbach groups", Proceedings of National Science Postgraduate Conference 2011 (NSPC 2011), pp 292-298. ISBN: 978-967-0194-10-3.	Proceedings

Conferences attended

1. The Second Biennial International Group Theory Conference 2013 , Istanbul, Turkey
2. The Third International Conference on Mathematical Sciences, Malaysia.
3. Simposium Kebangsaan Sains Matematik ke-21, Malaysia
4. The Asian Mathematical Conference, BEXCO, Busan, Korea

Dr. Siti Norziahidayu Amzee Zamri

Universiti Sultan Zainal Abidin (UniSZA)

Graduated in 42 months (2014-2018)

Thesis : A Variance of the Probability That a Metacyclic p -Groups Fixes a Set and Its Related Graphs.



Research attachment in UK

List of publications

1.	Siti Norziahidayu Amzee Zamri, Nor Haniza Sarmin, Sanaa Mohamed Saleh Omer and Mustafa Anis El-Sanfaz, On the generalized commuting and non-commuting graphs for metacyclic 3-groups, Malaysian Journal of Fundamental and Applied Sciences , 13(3), 181-185(2017).	WOS
2.	Siti Norziahidayu Amzee Zamri, Nor Haniza Sarmin, Sanhan Muhammad Salih Khasraw, Mustafa Anis El-Sanfaz and Hamisan Rahmat, On The Commutativity Degree Of Metacyclic Groups Of 5-Power Order Using Conjugation Action, Malaysian Journal of Fundamental and Applied Sciences , 13(4), 784-787(2017).	WOS
3.	Siti Norziahidayu Amzee Zamri, Nor Haniza Sarmin, Sanhan Muhammad Salih Khasraw, Sana Mohamed Saleh Omer and Mustafa Anis El-Sanfaz, The probability that an element of a metacyclic 5-group fixes a set and its orbit graphs, AIP Conference Proceeding , 1870, 040005(2017). (doi:10.1063/1.4995837)	Scopus
4.	Siti Norziahidayu Amzee Zamri, Nor Haniza Sarmin and Mustafa Anis El-Sanfaz, The conjugate and generalized conjugacy class graphs of metacyclic 3-groups and metacyclic 5-groups, AIP Conference Proceeding , 1830, 070015(2017). (doi: 10.1063/1.4980964)	Scopus
5.	Siti Norziahidayu Amzee Zamri, Nor Haniza Sarmin, Sana Mohamed Saleh Omer and Mustafa Anis El-Sanfaz, The probability that an element of a metacyclic 3-group of negative type fixes a set and its orbit graphs, AIP Conference Proceeding , 1750, 050011(2016). (doi:10.1063/1.4954599)	Scopus
6.	Siti Norziahidayu Amzee Zamri, Nor Haniza Sarmin and Sana Mohamed Saleh Omer, The probability that an element of a metacyclic 3-group fixes a set of size three, AIP Conference Proceeding , 1707, 020027(2016). (doi:10.1063/1.4940828)	Scopus

Awards & Non-academic activities

Vice president, Postgraduate Student Society, Faculty of Science (PGSS FS), UTM 2016/2017

Second place winner, UTM Toastmasters Club Humorous Speech Contest.

Silver medal, badminton competition, sports day, Faculty of Science, UTM

3 Minute Thesis Competition

Master of Ceremony, Best Postgraduate Student Award 2015.

Silver award, 1st Graduate Research Exhibition, 2017.

Silver Medal, Invention, Innovation and Design Exposition, UiTM Shah Alam, 2014.

Gold Medal, Research Invention, Innovation and Design, UiTM Melaka, 2013.

Conferences attended

1. The 7th SEAMS-UGM Conference
2. Simposium Kebangsaan Sains Matematik (SKSM23)
3. The 2nd International Conference on Mathematical Sciences and Statistics (ICMSS2016)
4. The Asian Mathematical Conference(AMC2016)
5. 6th International Graduate Conference on Science,Engineering and Humanities(6th IGCESH)
6. Simposium Kebangsaan Sains Matematik ke-24 (SKSM24)
7. 5th International Science Postgraduate Conference 2017 (ISPC2017)
8. The 4th International Conference on Mathematical Sciences (ICMS4)

Dr Ibrahim Gambo

Postdoctoral in Universiti Teknologi Malaysia

Graduated in 39 months (2015-2019).

Thesis : Innovative Types of Fuzzy Gamma Ideals
in Ordered Gamma Semigroups.



List of publications

1.	Ibrahim Gambo, Nor Haniza Sarmin, Hidayat Ullah Khan and Faiz Muhammad Khan. The characterization of regular ordered Gamma semigroups in terms of fuzzy Gamma ideals Malaysian Journal of Fundamental and Applied Sciences . 2017. 4 (13): 576-580.	WOS
2.	Ibrahim Gambo, Nor Haniza Sarmin, Hidayat Ullah Khan and Faiz Muhammad Khan. New fuzzy generalized bi ideals in ordered semigroups. Malaysian Journal of Fundamental and Applied Sciences . 2017. 4(13): 666-670.	WOS
3.	Ibrahim Gambo, Nor Haniza Sarmin, Hidayat Ullah Khan and Faiz Muhammad Khan. Characterization of fuzzy quasi ideals in ordered semigroups. Journal of Mathematical and Fundamental Sciences .	WOS
4.	Ibrahim Gambo, Nor Haniza Sarmin, Hidayat Ullah Khan and Faiz Muhammad Khan. New form of fuzzy bi ideals in ordered semigroup. AIP Publishing . Vol. 1830, No. 1, p. 070019 (2017).	Scopus
5.	Ibrahim Gambo, Nor Haniza Sarmin, Hidayat Ullah Khan and Faiz Muhammad Khan. Fuzzy generalized bi ideals in ordered semigroup. Proceeding of 6th International Graduate Conference on Engineering, Science, and Humanities 2016 (IGCESH2016), p. 319-322.	Proceedings
6.	Ibrahim Gambo, Nor Haniza Sarmin, Hidayat Ullah Khan and Faiz Muhammad Khan. On the characterization of bi ideals in ordered semigroups. Proceedings of 4th Biennial International Group Theory Conference . 111-114, 2017.	Proceedings
7.	Ibrahim Gambo, Nor Haniza Sarmin, and Sana Mohamed Saleh Omer. The conjugacy classes of metabelian groups of order at most 24. Jurnal Teknologi . DOI: 10.11113/jt.v77.4232	Scopus

Conferences attended

1. International Conference on Research and Education in Mathematics
ICREM 2017
2. 4th Biennial International Group Theory Conference (4BIGTC)
3. 5th International Science Postgraduate Conference 2017 (ISPC 2017)
4. 6th International Graduate Conference on Engineering, Science, and
Humanities 2016 (IGCESH2016)
5. The 4th International Conference on Mathematical Sciences.

Achievements and Activities

Awards

- **Alumni Academic Award Prize** (PhD Category), Universiti Teknologi Malaysia, 2019.
- **Best Postgraduate Student Award** (PhD). School of Graduate Studies UTM, 2019.
- **Competent communicator Award**, Toastmasters International, 2018.
- **Competent Leader Award**, Toastmasters International, 2018.
- **Award Recipient on public speaking and leadership** both at University, District, National and International (Gold, Silver and Bronze) level, 2016-2019.
- **UTM International Doctorate Fellowship Award**, 2018.

Leadership activities

- **Vice President**, Universiti Teknologi Malaysia [International Students Society \(Central\)](#), 2017/2018.
- **Sergeant At arms**, [UTM Toastmasters Club](#), 2016/2017.
- **Panel**, Local and International Postgraduate sharing, 5 July 2018.
- **Director**, Speak like a Champion Public Speaking workshop, 20 April 2018.
- **Secretary II**, International Graduate Conference on Engineering, Science and Humanity, 2016.
- **Sarawak International Cultural Exchange** at Universiti Teknologi Malaysia, 2018.
- **Committee**, Public Speech challenge and workshop for students, 6-8 May 2018.
- **Committee**, How to publish in a high impact factor journal workshop, 12 March 2018.

Dr. Alia Husna Mohd Noor

Graduated in 46 months (2016-2020)

Thesis : 3-generator Groups of p -power Order and Some Related Graphs

Full time student and work as teacher at Kolej Vokasional Gerik



WHAT'S THE NEED OF ATTENDING CONFERENCES AND INVOLVING IN ACADEMIC/ NON-ACADEMIC ACTIVITIES?

HOW TO MANAGE OUR TIME?

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



How much time do we have in a day???

SCHEDULE PLANNING



Discussion with Nur Idayu



Discussion with Nurhidayah



Discussion with Alia



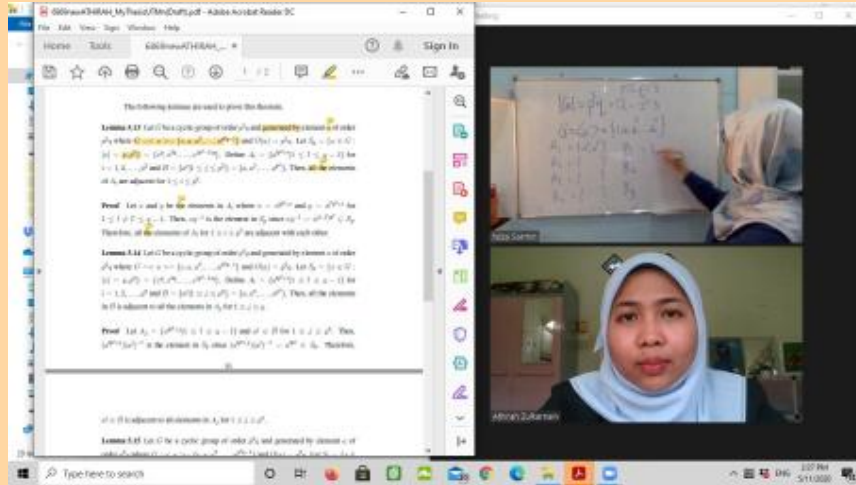
Discussion with Athirah and Dr. Hazzirah
(co-supervisor)



Discussion with Athirah Farhana

SCHEDULE PLANNING

(during COVID-19 pandemic)



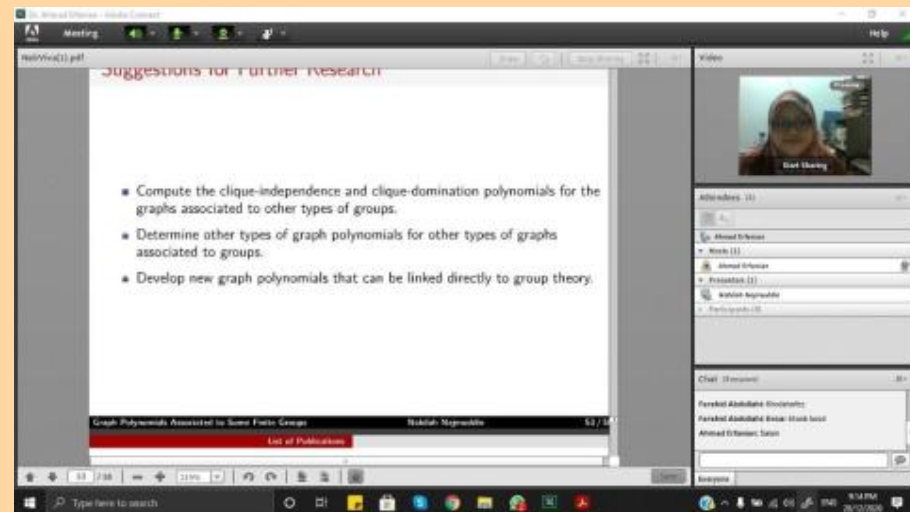
Discussion with Athirah



Discussion with Nurhidayah, Dr. Ibrahim (UTM) and external co-supervisor Dr. Sanhan from Iraq

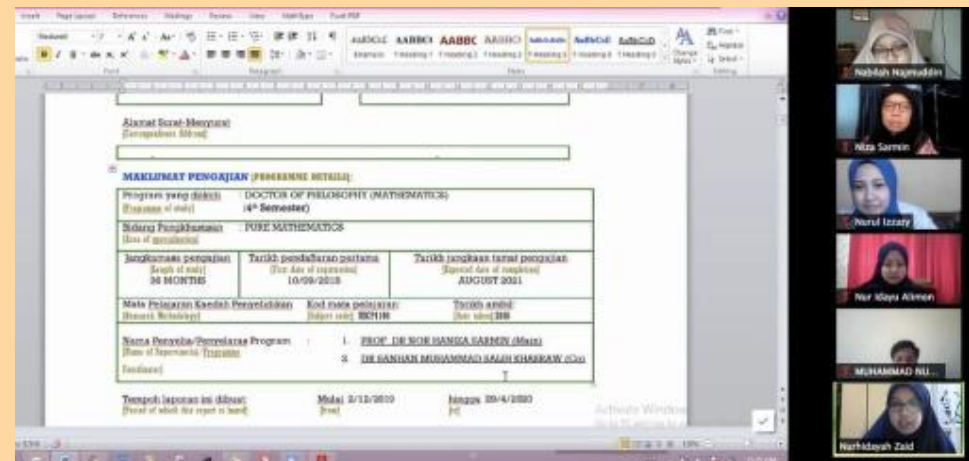


Discussion with Dr. Ibrahim and Hassan from Afghanistan



Nabilah's discussion with Prof Dr Ahmad Erfanian, external co-supervisor in Iran.

PRESENT RESEARCH PROGRESS



HOW TO GOT?

RESEARCH PLANNING (GANTT CHART)

No.	Research Activities	Years																																				
		2017				2018								2019								2020																
		S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J		
1.	Literature review on concepts of DNA, splicing systems and formal language theory.																																					
2.	Generalise the splicing languages resulting for DNA splicing systems with palindromic and non-palindromic restriction enzymes.																																					
3.	Develop a graphical user interface for DNA splicing system with palindromic and non-palindromic restriction enzymes by using C++ visual programming.																																					
4.	Construct the graphical representation for the generalisations of DNA splicing systems with palindromic and non-palindromic restriction enzymes via automata and graph theory.																																					
5.	Verify the model of DNA splicing system with palindromic and non-palindromic restriction enzymes through in vitro experiments.																																					
6.	Thesis writing, presentation and submission																																					
Technology Transfer Activities																																						
1.	Papers for conference proceedings																																					
2.	Publication of research paper(s) in indexed and non-indexed journals																																					
3.	Exhibition																																					

11 INATEX 2018

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 Qi/WOS journals



Plan for

- attending a publication workshop

UNIVERSITI TEKNOLOGI MALAYSIA
WORK SCHEDULE FOR COURSE REGISTRATION, APPLICATION FOR AWARD OF DEGREE AND EXAMINATION
FOR FULL RESEARCH STUDENTS
FOR 2020/2021 ACADEMIC SESSION

SEMESTER I						
18 OCTOBER 2020 – 11 MARCH 2021 (UTM JB) 19 OCTOBER 2020 – 12 MARCH 2021 (UTM KL)						
NO.	PROGRAMME	DURATION	WEEK	CAMPUS		REMARKS
				JOHOR BAHRU	KUALA LUMPUR	
1.	Registration of Research/Course for Semester I, 2020/2021 Session (ONLINE)	3 weeks	-	1 – 23 Oct 2020		https://my.utm.my
2.	Student start & continue their Research	21 weeks	Week 1 – 21	18 Oct 2020 – 11 Mar 2021	19 Oct 2020 – 12 Mar 2021	
3.	Application for Reduction and Exemption Tuition Fees	8 weeks	Week 1 – 8	18 Oct – 10 Dec 2020	19 Oct – 11 Dec 2020	Birthday of Prophet Muhammad S.A.W 29 Oct 2020 Deepavali 14 Nov 2020
4.	Deadline for Registration of Courses (ONLINE)	1 week	Week 2	23 Oct 2020		https://my.utm.my
5.	Amendments of Course Registration (ONLINE) 1 st phase	1 week	Week 2	24 – 30 Oct 2020		https://my.utm.my
6.	Deadline of Amendments of Course Registration (ONLINE) - 1 st phase	-	Week 4	30 Oct 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 for late registration/ amendments
8.	Deadline for Late Registration of Courses (WITH PENALTY)	-	Week 3	5 Nov 2020 3.30 pm	6 Nov 2020 5.00 pm	
9.	Amendments of Course Registration (ONLINE) 2 nd phase	1 week	Week 4	8 – 13 Nov 2020		https://my.utm.my
10.	Deadline of Amendments of Course Registration (ONLINE) – 2 nd phase	-	Week 4	13 Nov 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 for late registration/ amendments
12.	Deadline for Amendments of Courses Registration (WITH PENALTY)	-	Week 5	19 Nov 2020 3.30 pm	20 Nov 2020 5.00 pm	
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

Updated: 22 October 2020

Prepared by:
 Academic Management Division (AMD)
 Academic Registrar Office (UTM ARO)
 Department of the Deputy Vice-Chancellor (Academic & International)

UNIVERSITI TEKNOLOGI MALAYSIA
WORK SCHEDULE FOR COURSE REGISTRATION, APPLICATION FOR AWARD OF DEGREE AND EXAMINATION
FOR FULL RESEARCH STUDENTS
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SEMESTER I						
18 OCTOBER 2020 – 11 MARCH 2021 (UTM JB) 19 OCTOBER 2020 – 12 MARCH 2021 (UTM KL)						
NO.	PROGRAMME	DURATION	WEEK	CAMPUS		REMARKS
				JOHOR BAHRU	KUALA LUMPUR	
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 Federal Territory Day (KL Only) 1 Feb 2021
16.	Mid Semester Break, Semester I, 2020/2021 Session	1 weeks	Week 8	6 – 10 Dec 2020	7 – 11 Dec 2020	Chinese New Year 12 - 13 Feb 2021
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.	Submission of Progress Report	4 weeks	Week 10 – 13	20 Dec 2020 – 15 Jan 2021		Application for Notification Thesis Submission are THREE (3) months before the Expected Date of Thesis Submission
20.	Final date for Submission of Progress Report	-	Week 13	15 Jan 2021		
21.	Evaluation of Progress Report by Supervisor	2 weeks	Week 14 – 15	17 – 29 Jan 2021		
22.	AMD Issues Termination Letter For Students Who Did Not Register Any Courses	1 week	Week 15	24 – 29 Jan 2021		Thaipusam 28 Jan 2021
23.	Deadline for evaluation of Progress Report by Supervisor	-	Week 15	29 Jan 2021		
24.	Deadline for Application for Deferment or Withdrawal From Programme	-	Week 15	27 Jan 2021 5.00 pm	29 Jan 2021 5.00 pm	
25.	Final date for submission of thesis/dissertation	-	-	11 Mar 2021		

Updated: 22 October 2020

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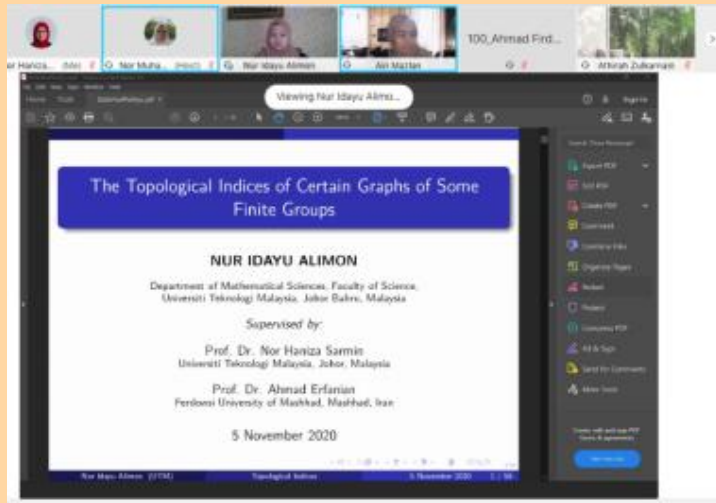
EARLY PLANNING

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

LIST OF LOCAL JOURNALS (SCIENCE)

Name of journal	University	Indexed
Bulletin of the Malaysian Mathematical Sciences Society	Universiti Sains Malaysia	WOS (Q2)
Journal of Physical Science	Universiti Sains Malaysia	WOS
Malaysia Journal of Science	Universiti Malaya	-
Malaysian Journal of Mathematical Sciences	Universiti Putra Malaysia	WOS
Pertanika Journal of Science and Technology	Universiti Putra Malaysia	WOS
Jurnal Teknologi	Universiti Teknologi Malaysia	Scopus
Malaysia Journal of Fundamental and Applied Sciences	Universiti Teknologi Malaysia	WOS
Malaysian Journal of Industrial and Applied Mathematics	Universiti Teknologi Malaysia	WOS
Malaysia Journal of Analytical Science	Universiti Kebangsaan Malaysia	-
Sains Malaysiana	Universiti Kebangsaan Malaysia	WOS
Journal of Science and Mathematics Letters	Universiti Perguruan Sultan Idris	-
Scientific Research Journal	Universiti Teknologi Mara	-
Journal of Science and Technology	Universiti Tun Hussein Onn	WOS

ROLE OF RESEARCH GROUP



Mock
Viva



GAP
Workshop



TO ALL STUDENTS, ALWAYS REMEMBER THIS

Life is not always easy.

Success is not an easy thing to achieve.

There is no short cut.

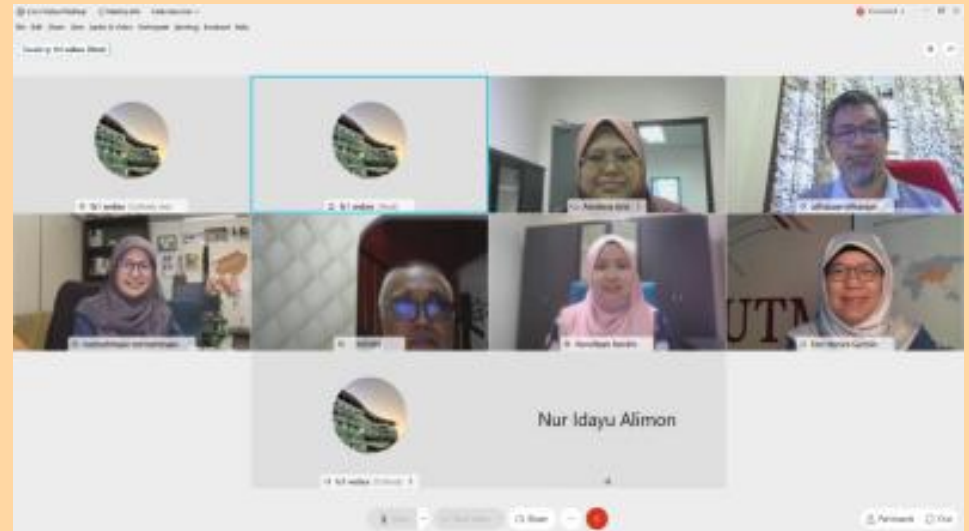
You need to sacrifice.

But try to enjoy life while doing it.

While you can.



@Credit to Nuridayu Alimon



Passed viva on 5 Nov 2020

THANK YOU!

STAY SAFE & STAY HEALTHY



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



nhs@utm.my



Niza Sarmin



Niza Sarmin