



User's Manual

Research And Development Information System (RADIS)

Research Management Centre & UTM Library

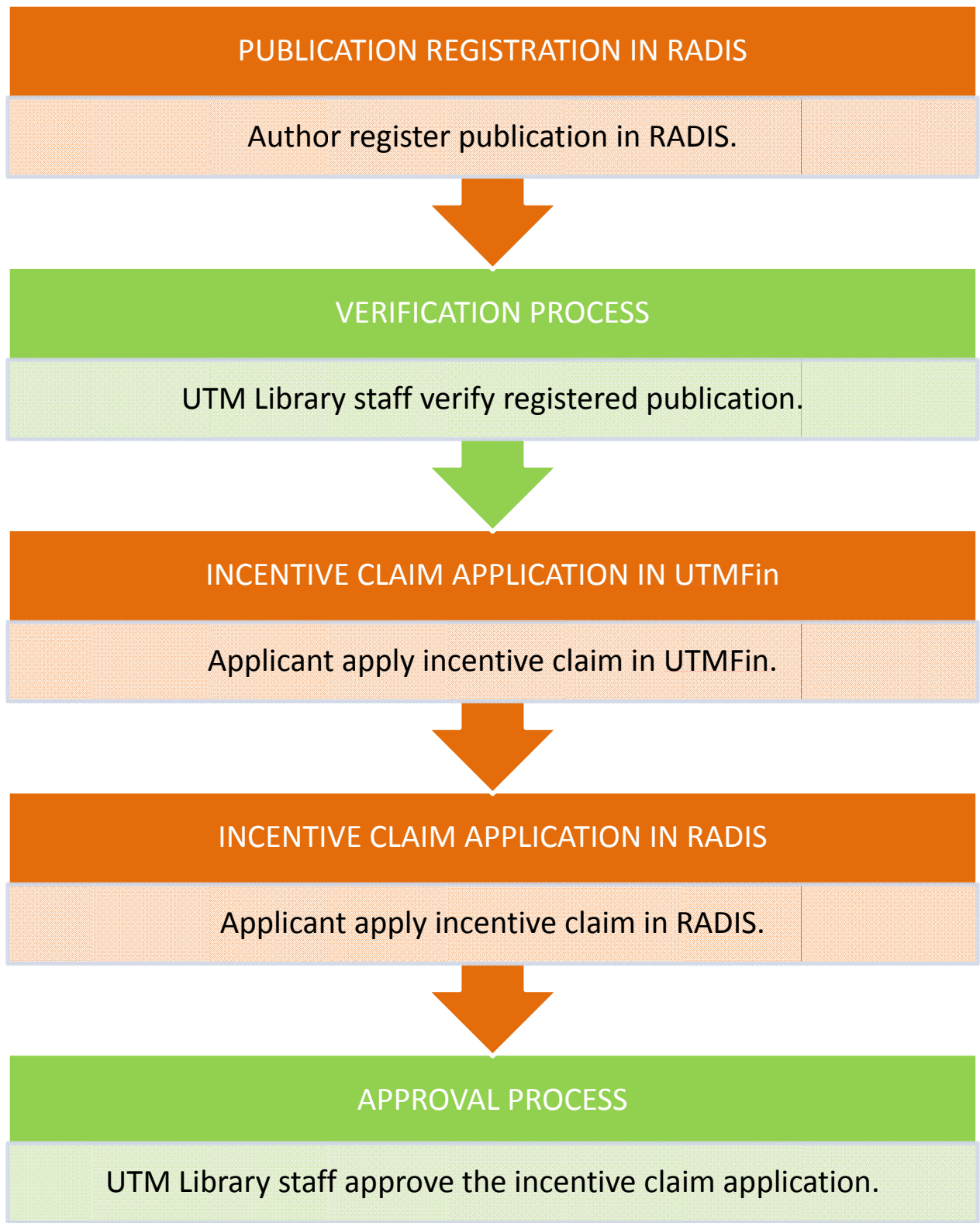
2019

USER'S MANUAL

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1.0 Process Flow



2.0 Publication Registration in RADIS

a. Indexed Publication

The screenshot shows the RADIS login interface. At the top, the browser address bar shows the URL <https://radis.utm.my/rmc/>, with a red circle and arrow labeled '1' pointing to it. The page header includes the UTM logo and the text 'Research And Development Information System ver 3.0'. Below the header, the RADIS logo is displayed with the tagline 'innovative • entrepreneurial • global'. The login section contains two input fields: 'Username:' and 'Password:', with a red circle and arrow labeled '2' pointing to the Password field. A 'Login' button is located below the password field, with a red circle and arrow labeled '3' pointing to it. At the bottom of the login section, there is a copyright notice and a disclaimer: 'Copyright © 2011-2013 Universiti Teknologi Malaysia Disclaimer : This website has been updated to the best of our knowledge to be accurate. However, Universiti Teknologi Malaysia shall not be liable for any loss or damage caused by the usage of any information obtained from this web site'. The server name 'server : radis1.utm.my' is also displayed.

1. Go to <https://radis.utm.my/rmc/>
2. Insert Username and Password in the respective input fields.
3. Click on Login button.

The screenshot shows the RADIS main menu after login. The header is identical to the login page, but the server name is now 'server : radis2.utm.my' and the user is logged in as 'Userid : nuramirahma [Logout]'. The main content area displays four menu items: 'Research Grant', 'Publication', 'Exhibition', and 'KAI'. The 'Publication' item is highlighted with a dark grey background, and a red circle and arrow labeled '4' points to it.

4. Click on Publication menu.

* The Pilot Testing for Publication and Incentive Claim is now available. If you have any issues related to Publication and Incentive Claim, please contact:

Inquiry	Technical Support	Technical Support
Md Razib Karno	Dr Shukor Abd Razak	Siti Salbiah Zakaria
Email: mdrazib@utm.my	Email: shukorar@utm.my	Email: sitisalbiah@utm.my
Ext: 30280	Ext: 37899	Ext: 37849

Download : [Guideline for Publication and Incentive Claim](#)

LIST OF ACTION : PUBLICATION

No	Reference No.	Submission Date	Year	Journal/Title Name	Category	Type	Insert By	Status	Action
1	PB/2014 /02389	-	2014	JOURNAL OF NETWORK AND COMPUTER APPLICATIONS	Indexed Publication	ARTICLE IN WEB OF SCIENCE	SHUKOR BIN ABD RAZAK	DRAFT	Delete
2	PB/2014 /02537	-	2014	ASIAN JOURNAL OF APPLIED SCIENCES	Indexed Publication	ARTICLE IN SCOPUS	SHUKOR BIN ABD RAZAK	DRAFT	Delete

2 records found

1

5. Click on Publication.

6. Click on New Publication.

7. Click on Indexed Publication.

Publication Registration

Author's Personal Information

Staff No. : 9089

Salutation : DR.

Name : SHUKOR BIN ABD RAZAK

Research Alliance : K-ECONOMY

Faculty : PUSAT PENGURUSAN PENYELIDIKAN

Department : UNIT IT

Office Telephone No. : 075532391

Fax No. : 075565044

Hand Phone No. :

Email : shukorar@utm.my

Reference No. :

Submission Date : 23/06/2014

Latest Submission Date :

Time : 09:26 AM

Publication Details

Attachment

Declaration

Type of Publication : Please Choose

Please Choose
 ARTICLE IN SCOPUS
 ARTICLE IN WEB OF SCIENCE
 ESSENTIAL RESEARCH AUSTRALIA (ERA)

* Note : All Authors Names MUST be added in this registration process

[Exit](#)

RD013803

8. On Publication Details tab, choose the Type of Publication.

Publication Details Attachment Declaration

Type of Publication : ARTICLE IN WEB OF SCIENCE ?

Category of Publication : Please Choose
Please Choose
PROCEEDING
JOURNAL ← 9

* Note : All Authors Names MUST be added in this registration process

Exit

RD013S03

9. Choose the Category of Publication.

Publication Details Attachment Declaration

Type of Publication : ARTICLE IN WEB OF SCIENCE ?

Category of Publication : JOURNAL

* Note : All Authors Names MUST be added in this registration process

Journal/Proceeding Name : TEST

Article Name : TEST

Role : CORRESPONDING AUTHOR

Usage : RESEARCH MATERIAL

ISSN/ISBN : 01234567

Volume : 24 (Put 0 if null)

Issue : 11 (Put 0 if null)

Page No. : 234 to 243 (eg : 1 - 10) ?

Year of Publication : 2014

Month of Publication : February

Media Format : PRINTED / ELECTRONIC

Publisher : UTM

Place of Publication : MALAYSIA

Level of Publication : NATIONAL

Impact Factor : 1.234

Quartile Ranking : 3
[How to check journal quartile category?](#)
[Quartile Ranking example](#)

Exit Save ← 10

10. Insert all the required information and click on Save button.

Reminder:

a) ISSN

- International Standard Serial Number.
- 8-digit code for example 0317-8471 or 1050-124X.

- used to identify a periodical publication at a specific media type.
- b) ISBN
 - International Standard Book Number.
 - 13-digit number for example 978-0-300-14424-6.
- c) Role of Author
 - For further information, please go to <http://library.utm.my/support/wp-content/uploads/sites/4/2016/12/Author-Verification-in-RADIS-1.pdf>

Add Author List

Category of Author :

Please Choose

Please Choose
 UTM STAFF
 UTM STUDENT
 OTHERS

Author List

1) UTM Staff

No	Staff No	Name	Faculty	Research Alliance	Type of Author	Action
1	9089	SHUKOR BIN ABD RAZAK	PUSAT PENGURUSAN PENYELIDIKAN	K-ECONOMY	CORRESPONDING AUTHOR	Edit Delete

2) UTM Students

No Record.

3) Others

No Record.

Exit

Update

11. To add the author list, please choose the Category of Author.

Add Author List

Category of Author : UTM STAFF 12

Staff Name/ID : 14

Search By : ☒ Staff Name ☐ Staff ID 13

No	Staff No	Name	Research Alliance	Faculty	Action
1	5258	KAMAL BIN KHALIL	INFOCOMM	FAKULTI KEJURUTERAAN ELEKTRIK	Select
2	5537	MOHAMAD KAMAL B. A. RAHIM	INFOCOMM	FAKULTI KEJURUTERAAN ELEKTRIK	Select
3	2058	KAMALUDIN BIN HAJI MOHD OMAR	INFOCOMM	FAKULTI GEOINFORMASI DAN HARTA TANAH	Select
4	747	AHMAD KAMAL BIN ABDUL HAMID		FAKULTI KEJURUTERAAN AWAM	Select
5	5623	MOHD KAMAL BIN ARIFFIN	ENERGY	FAKULTI KEJURUTERAAN MEKANIKAL	Select 15
6	2591	KAMAL AZAM BIN HJ BANI HASHIM	TRANSPORTATION	SEKOLAH RAZAK UTM DALAM KEJURUTERAAN & TEKNOLOGI TERMAJU	Select
7	7806	KAMAL BIN ABDUL MANAF		FAKULTI PENDIDIKAN	Select
8	2023	AHMAD KAMAL BIN IDRIS	ENERGY	PEJABAT TNC (A&A)	Select
9	7379	KAMALULARIFIN BIN SUBARI	K-ECONOMY	FAKULTI PENDIDIKAN	Select
10	7020	KAMALRULNIZAM BIN ABU BAKAR	K-ECONOMY	FAKULTI KOMPUTERAN	Select

23 records found

1. 2. 3

Add Author List

Category of Author : UTM STAFF

Staff Name/ID :

Search By : ☒ Staff Name ☐ Staff ID

Name :

Faculty :

Research Alliance :

Role : 16

17

- For UTM STAFF category:
12. Insert Staff Name/ID in the input field.
 13. Choose the Search By.
 14. Click on Search button.
 15. Click on Select button of the selected name.
 16. Choose the Role for the selected name.
 17. Click on Add button.

Add Author List

Category of Author : 18

Name/Matric No. : 20

Search By : ☒ Student Name ☐ Matric No. 19

No	Matric No.	Name	IC No./Passport No.	Faculty	Nationality	Action
1	-	ISMAIL AHMED ALQASEM ALHADI	02277537	Computing	YEMEN	Select
2	MR061113	ISMAIL SALEH AL-HADI	02292579	International Business School	YEMEN	Select
3	MC081057	ISMAIL AHMED AL-QASEM AL-HADI	200806M10069	Computing	YEMEN	Select
4	MC111201	MOHAMED ISMAIL GURHAN	201202M10243	Computing	SOMALIA	Select
5	AF020002	ABDUL HAFIZ BIN ISMAIL	373927	Kolej Tentera Udara	MALAYSIA	Select
6	MP071690	ARSHAD BIN ISMAIL	551123015685	Education	MALAYSIA	Select
7	MP961030	ISMAIL BIN HUSSIN	5528231	Education	MALAYSIA	Select
8	MP001139	MUSA BIN ISMAIL	560820016143	Education	MALAYSIA	Select
9	PB033006	ISMAIL SAID	590110065335	Built Environment	MALAYSIA	Select 21
10	MP001047	ISMAIL BIN AHMAD	600501016537	Education	MALAYSIA	Select

3,288 records found

Add Author List

Category of Author :

Name/Matric No. :

Search By : ☒ Student Name ☐ Matric No.

Name :

IC No./Passport No. :

Faculty :

Nationality :

Type of Author : 22

23

- For UTM STUDENT category:
18. Insert Name/Matric No. in the input field.
 19. Choose the Search By.
 20. Click on Search button.
 21. Click on Select button of the selected name.
 22. Choose the Type of Author for the selected name.

23. Click on Add button.

Add Author List

Category of Author : OTHERS

Name :

E-Mail :

Type of Author : Please Choose

For OTHERS category:

24. Insert Name in the input field.

25. Insert E-Mail address in the input field.

26. Choose the Type of Author.

27. Click on Add button.

No	Matric No	Name	Faculty	Type of Author	Action
1	PB033006	ISMAIL SAID	Built Environment	CO-AUTHOR	Edit Delete

28. To edit information, click on Edit button. To delete information, click on Delete button.

Publication Details **Attachment** **Declaration**

Type of Attachment : Please Choose

Description :

File name : No file selected.
Please upload PDF file format only.

List of Attachment

No	Name	Type of Attachment	Description	Action
Record Not Found				
1				

RD013S04

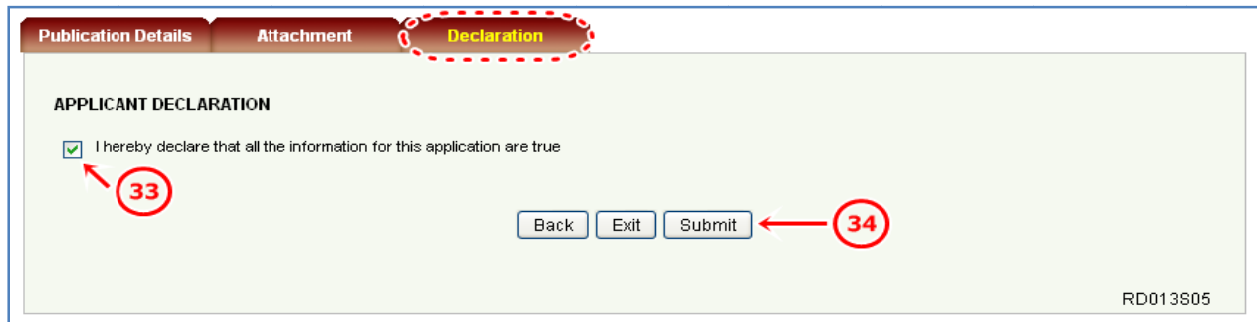
29. On Attachment tab, choose the Type of Attachment.

30. Insert Description in the input field.

31. Click on Browse button and select correct PDF file. Then, click on OK button.

32. Click on Upload button.

***Compulsory to attach both type of attachment.**



Publication Details Attachment **Declaration**

APPLICANT DECLARATION

☒ I hereby declare that all the information for this application are true

33

Back Exit Submit 34

RD013805

33. On Declaration tab, tick on the checkbox to agree with the statement.

34. Click on Submit button.

35. UTM Library staff will verify the registered publication.

36. Once verified, proceed to Incentive Claim Application in UTMFin System.

***Only for publication that is eligible to apply.**

b. Non-Indexed Publication

The screenshot shows the login interface of the Research And Development Information System (RADIS) ver 3.0. The page features the UTM Research University logo and the RADIS tagline 'innovative • entrepreneurial • global'. The login form includes fields for 'Username:' and 'Password:', and a 'Login' button. Red circles with numbers 1, 2, and 3 are used as annotations: circle 1 points to the address bar showing 'https://radis.utm.my/rmc/', circle 2 points to the password input field, and circle 3 points to the 'Login' button. Below the login form, there is a copyright notice for 2011-2013 and a disclaimer, followed by the server address 'server : radis1.utm.my'.

1. Go to <https://radis.utm.my/rmc/>
2. Insert Username and Password in the respective input fields.
3. Click on Login button.



4. Click on Publication menu.

Back to Main Menu

Main Page

Publication

New Publication

Indexed Publication

Non-Indexed Publication

Others Publication

List of Publication

List of Action

Incentive Claim

Report

Announcement

* The Pilot Testing for Publication and Incentive Claim is now available. If you have any issues related to Publication and Incentive Claim, please contact:

Inquiry

muhammad naru

Email: ydrabio@utm.my

Ext: 30280

Technical Support

Dr Shukor Abd Razak

Email: shukorar@utm.my

Ext: 37899

Technical Support

Siti Salbiah Zakaria

Email: sitisalbiah@utm.my

Ext: 37849

Download : [Guideline for Publication and Incentive Claim](#)

LIST OF ACTION : PUBLICATION

No	Reference No.	Submission Date	Year	Journal/Title Name	Category	Type	Insert By	Status	Action
1	PB/2014 /02389	-	2014	JOURNAL OF NETWORK AND COMPUTER APPLICATIONS	Indexed Publication	ARTICLE IN WEB OF SCIENCE	SHUKOR BIN ABD RAZAK	DRAFT	Delete
2	PB/2014 /02537	-	2014	ASIAN JOURNAL OF APPLIED SCIENCES	Indexed Publication	ARTICLE IN SCOPUS	SHUKOR BIN ABD RAZAK	DRAFT	Delete
3	PB/2014 /02707	-	2014	AD HOC NETWORKS	Indexed Publication	ARTICLE IN WEB OF SCIENCE	HASSAN CHIZARI	DRAFT	Delete
4	PB/2014 /02712	-	2013	TEST	Others Publication	BOOK CHAPTER	SHUKOR BIN ABD RAZAK	DRAFT	Delete
5	PB/2014 /02713	-	2013	TEST	Others Publication	PROCEEDINGS	SHUKOR BIN ABD RAZAK	DRAFT	Delete
6	PB/2014 /02745	-	2014	A	Indexed Publication	ARTICLE IN WEB OF SCIENCE	SHUKOR BIN ABD RAZAK	DRAFT	Delete

6 records found

1

5. Click on Publication.
6. Click on New Publication.
7. Click on Non-Indexed Publication.

Publication Registration

Author's Personal Information

Staff No. : 9089

Salutation : DR.

Name : SHUKOR BIN ABD RAZAK

Research Alliance : K-ECONOMY

Faculty : PUSAT PENGURUSAN PENYELIDIKAN

Department : UNIT IT

Office Telephone No. : 075532391

Fax No. : 075565044

Hand Phone No. :

Email : shukorar@utm.my

Reference No. :

Submission Date : 09/07/2014

Latest Submission Date :

Time : 10:53 AM

Publication Details
Attachment
Declaration

Type of Publication :

Please Choose

Please Choose

JOURNAL ARTICLE NON CITATION-INDEXED

* Note : All Authors Names MUST be added in this registration process

[Exit](#)

RD013S03

8. On Publication Details tab, choose the Type of Publication.

Publication Details
Attachment
Declaration

Type of Publication
: JOURNAL ARTICLE NON CITATION-INDEXED

Journal Name
JOURNAL NAME NIP

Article Name
ARTICLE NAME NIP

Role
: CORRESPONDING AUTHOR

Usage
: RESEARCH MATERIAL

ISSN
: 98765432

Volume
: 0
(Put 0 if null)

Issue
: 0
(Put 0 if null)

Page No.
: 33 to 43
(eg : 1 - 10)

Year of Publication
: 2014

Month of Publication
: January

Media Format
: PRINTED / ELECTRONIC

Place of Publication
: POP NIP

Publisher
: PUBLISHER NIP

Level of Publication
: INTERNATIONAL

Exit
Save

* Note : All Authors Names MUST be added in this registration process

9. Insert all the required information and click on Save button.

Reminder:

d) ISSN

- International Standard Serial Number.
- 8-digit code for example 0317-8471 or 1050-124X.
- used to identify a periodical publication at a specific media type.

e) ISBN

- International Standard Book Number.
- 13-digit number for example 978-0-300-14424-6.

f) Role of Author

- For further information, please go to <http://library.utm.my/support/wp-content/uploads/sites/4/2016/12/Author-Verification-in-RADIS-1.pdf>

Add Author List

Category of Author : Please Choose 10

Please Choose
 UTM STAFF
 UTM STUDENT
 OTHERS

Author List

1) UTM Staff

No	Staff No	Name	Faculty	Research Alliance	Type of Author	Action
1	9089	SHUKOR BIN ABD RAZAK	PUSAT PENGURUSAN PENYELIDIKAN	K-ECONOMY	CORRESPONDING AUTHOR	Edit Delete

2) UTM Students

No Record.

3) Others

No Record.

Exit

Update

10. To add the author list, please choose the Category of Author.

Add Author List

Category of Author : UTM STAFF 11

Staff Name/ID : selamat Search 13

Search By 12 ☒ Staff Name ☐ Staff ID

No	Staff No	Name	Research Alliance	Faculty	Action
1	1375	HARIHODIN BIN SELAMAT	K-ECONOMY	ADVANCED INFORMATICS SCHOOL	Select
2	7620	MD HAFIZ BIN SELAMAT	K-ECONOMY	FAKULTI KOMPUTERAN 14	Select
3	8829	NORHANIM BINTI SELAMAT			Select
4	7335	ROSLEE B. SELAMAT		FAKULTI KEJURUTERAAN KIMIA & KEJURLTERAAN SUMBER ASLI	Select
5	8320	ASRI BIN SELAMAT			Select
6	7409	ALI BIN SELAMAT	K-ECONOMY	PEJABAT TNC(P&I)	Select
7	7410	RUZITA BT. SELAMAT	K-ECONOMY	FAKULTI PENGURUSAN	Select
8	7882	HAZLINA BINTI SELAMAT	MATERIAL AND MANUFACTURING	PEJABAT TIMBALAN NAIB CANSELOR (PENYE_IDIKAN DAN INOVASI)	Select
9	7762	KANDAR BIN SELAMAT		FAKULTI PENDIDIKAN	Select

9 records found

1

Add

Cancel

Add Author List

Category of Author : UTM STAFF ▼

Staff Name/ID : selamat Search

Search By : ☒ Staff Name ☐ Staff ID

Name : MD HAFIZ BIN SELAMAT

Faculty : FAKULTI KOMPUTERAN

Research Alliance : K-ECONOMY

Role : CO-AUTHOR ▼ 15

16 → Add Cancel

For UTM STAFF category:

11. Insert Staff Name/ID in the input field.
12. Choose the Search By.
13. Click on Search button.
14. Click on Select button of the selected name.
15. Choose the Role for the selected name.
16. Click on Add button.

Add Author List

Category of Author : UTM STUDENT ▼ 17

Name/Matric No. : ravin Search 19

Search By : ☒ Student Name ☐ Matric No. 18

No	Matric No.	Name	IC No./Passport No.	Faculty	Nationality	Action
1	MH071065	R RAVINDRAN A/L P RAMAN	681231015725	Management	MALAYSIA	Select
2		ARAVINTHAN A/L M.MARIMUTHU	760624085383	International Business School	MALAYSIA	Select
3	ME081541	RAVINDRAN A/L LETCHAMANAN	801210086253	Electrical Engineering	MALAYSIA	Select
4	AE010593	RAVINDRAN A/L SACHITHANANTHAN	830201145781	Electrical Engineering	MALAYSIA	Select
5	MC073042	PRAVINA A/P THENARASOO	841118016822	Computing	MALAYSIA	Select 20 →
6	AD041279	PRAVIND A/L NARAYANAN	860527386289	College of Science and Technology	MALAYSIA	Select
7	AK060292	PRAVIND A/L NARAYANAN	860527386289	Chemical and Natural Resources Engineering	MALAYSIA	Select
8	AD051587	RAVINJIT KAUR GILL A/P BELWANT SINGH	870827105548	College of Science and Technology	MALAYSIA	Select
9		RAVINTIRAA RAJAN A/L ADAIKALAM	881011565625	Chemical Engineering	MALAYSIA	Select
10	AD090157	DILIP ARAVIN RAJ A/L SEGARAN	910412015835	College of Science and Technology	MALAYSIA	Select

77 records found

◀◀ 1, 2, 3, 4, 5, 6, 7, 8 ▶▶

Add Cancel

Add Author List

Category of Author : UTM STUDENT ▼

Name/Matric No. : ravin Search

Search By : ☒ Student Name ☐ Matric No.

Name : PRAVINA A/P THENARASOO

IC No./Passport No. : 841118016822

Faculty : Computing

Nationality : MALAYSIA

Type of Author : CO-AUTHOR ▼ 21

22 → Add Cancel

For UTM STUDENT category:

17. Insert Name/Matric No. in the input field.
18. Choose the Search By.
19. Click on Search button.
20. Click on Select button of the selected name.
21. Choose the Type of Author for the selected name.
22. Click on Add button.

Add Author List

Category of Author : OTHERS ▼

Name : 23

E-Mail : 24

Type of Author : CO-AUTHOR ▼ 25

26 → Add Cancel

For OTHERS category:

23. Insert Name in the input field.
24. Insert E-Mail address in the input field.
25. Choose the Type of Author.
26. Click on Add button.

No	Matric No	Name	Faculty	Type of Author	Action
1	MC073042	PRAVINA A/P THENARASOO	Computing	CO-AUTHOR	Edit Delete

27. To edit information, click on Edit button. To delete information, click on Delete button.

Publication Details

Attachment

Declaration

Type of Attachment

Please Choose

Description

File name

Browse...

No file selected.

Upload

Please upload PDF file format only.

List of Attachment

No	Name	Type of Attachment	Description	Action
Record Not Found				
1				

Back

Exit

RD013S04

28. On Attachment tab, choose the Type of Attachment.

29. Insert Description in the input field.

30. Click on Browse button and select correct PDF file. Then, click on OK button.

31. Click on Upload button.

***Compulsory to attach three type of attachment: Proof of Publication, Table of Content and Journal Front Page.**

Publication Details

Attachment

Declaration

APPLICANT DECLARATION

☒ I hereby declare that all the information for this application are true

Back

Exit

Submit

RD013S05

32. On Declaration tab, tick on the checkbox to agree with the statement.

33. Click on Submit button.

34. UTM Library staff will verify the registered publication.
35. Once verified, proceed to Incentive Claim Application in UTMFin System.

c. Others Publication

The screenshot shows the login page of the Research And Development Information System (RADIS) ver 3.0. The page features the UTM Research University logo and the RADIS tagline 'innovative • entrepreneurial • global'. The login form includes fields for 'Username:' and 'Password:', and a 'Login' button. Red circles with numbers 1, 2, and 3 are used as annotations: circle 1 points to the URL bar showing 'https://radis.utm.my/rmc/', circle 2 points to the password input field, and circle 3 points to the 'Login' button. Below the login form, there is a copyright notice and the server address 'server : radis1.utm.my'.

1. Go to <https://radis.utm.my/rmc/>
2. Insert Username and Password in the respective input fields.
3. Click on Login button.



4. Click on Publication menu.

Back to Main Menu

Main Page

Publication

~ New Publication

Indexed Publication

Non-Indexed Publication

Others Publication

List of Publication

List of Action

Incentive Claim

Report

Announcement

* The Pilot Testing for Publication and Incentive Claim is now available. If you have any issues related to Publication and Incentive Claim, please contact:

Inquiry

Md Razib Karna

Email: mdrazib@utm.my

Fax: 30280

Technical Support

Dr Shukor Abd Razak

Email: shukoraz@utm.my

Ext: 37899

Technical Support

Siti Salbiah Zakaria

Email: sitisalbiah@utm.my

Ext: 37849

Download : [Guideline for Publication and Incentive Claim](#)

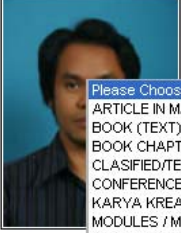
LIST OF ACTION : PUBLICATION

No	Reference No.	Submission Date	Year	Journal/Title Name	Category	Type	Insert By	Status	Action
1	PB/2014 /02389	-	2014	JOURNAL OF NETWORK AND COMPUTER APPLICATIONS	Indexed Publication	ARTICLE IN WEB OF SCIENCE	SHUKOR BIN ABD RAZAK	DRAFT	Delete
2	PB/2014 /02537	-	2014	ASIAN JOURNAL OF APPLIED SCIENCES	Indexed Publication	ARTICLE IN SCOPUS	SHUKOR BIN ABD RAZAK	DRAFT	Delete
3	PB/2014 /02707	-	2014	AD HOC NETWORKS	Indexed Publication	ARTICLE IN WEB OF SCIENCE	HASSAN CHIZAR1	DRAFT	Delete
4	PB/2014 /02712	-	2013	TEST	Others Publication	BOOK CHAPTER	SHUKOR BIN ABD RAZAK	DRAFT	Delete
5	PB/2014 /02713	-	2013	TEST	Others Publication	PROCEEDINGS	SHUKOR BIN ABD RAZAK	DRAFT	Delete
6	PB/2014 /02745	-	2014	A	Indexed Publication	ARTICLE IN WEB OF SCIENCE	SHUKOR BIN ABD RAZAK	DRAFT	Delete

5. Click on Publication.
6. Click on New Publication.
7. Click on Others Publication.

Publication Registration

Author's Personal Information



Staff No. : 9089

Salutation : DR.

Name : SHUKOR BIN ABD RAZAK

Research Alliance : K-ECONOMY

Reference No. :

Submission Date : 05/07/2014

Latest Submission Date :

Time : 21:13 PM

Publication

Type of Publication

Please Choose

ARTICLE IN MASS MEDIA

BOOK (TEXT)

BOOK CHAPTER

CLASIFIED/TECHNICAL REPORT

CONFERENCE PAPER

KARYA KREATIF

MODULES / MANUAL

MONOGRAPH

ORIGINAL BOOK

PELAPORAN / PENERBITAN KHUSUS (RANCANGAN MALAYSIA, STATISTIK KEBANGSAAN)

POLICY PAPER

PORTFOLIO

PROCEEDINGS

PUBLICATION IN ACADEMIC AND PROFESIONAL MAGAZINE

WRITING POPULAR/PRESS

Please Choose

* Note : All Authors Names MUST be added in this registration process

[Exit](#)

8. On Publication Details tab, choose the Type of Publication.

Publication DetailsAttachmentDeclaration

Type of Publication: PROCEEDINGS

* Note : All Authors Names MUST be added in this registration process

Journal/Conference Name: JOURNAL NAME TEST OP

Article/Paperwork Name: ARTICLE NAME TEST OP

Role: CORRESPONDING AUTHOR

Usage: RESEARCH MATERIAL

ISBN: 9876543210000

Volume: 1 (Put 0 if null)

Start Date: 13/01/2014

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2		ARAVINTHAN A/L M.MARIMUTHU	760624085383	International Business School	MALAYSIA	Select
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4	AE010593	RAVINDRAN A/L SACHITHANANTHAN	830201145781	Electrical Engineering	MALAYSIA	Select
5	MC073042	PRAVINA A/P THENARASOO	841118016822	Computing	MALAYSIA	20 Select
6	AD041279	PRAVIND A/L NARAYANAN	860527386289	College of Science and Technology	MALAYSIA	Select
7	AK060292	PRAVIND A/L NARAYANAN	860527386289	Chemical and Natural Resources Engineering	MALAYSIA	Select
8	AD051587	RAVINJIT KAUR GILL A/P BELWANT SINGH	870827105548	College of Science and Technology	MALAYSIA	Select
9		RAVINTIRAA RAJAN A/L ADAIKALAM	881011565625	Chemical Engineering	MALAYSIA	Select
10	AD090157	DILIP ARAVIN RAJ A/L SEGARAN	910412015835	College of Science and Technology	MALAYSIA	Select

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Name : PRAVINA A/P THENARASOO

IC No./Passport No. : 841118016822

Faculty : Computing

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Type of Author : CO-AUTHOR ▼

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DOI: 10.1080/10889868.2013.834868

Screening and Characterization of Several 2,2-Dichloropropionic Acid-Degrading Bacteria Isolated from Marine Sediment of Danga Bay and East Coast of Singapore Island

**Elham Khosrowabadi
and Fahrul Huyop**

Department of Biotechnology
and Medical Engineering,
Faculty of Biosciences and
Medical Engineering, Universiti
Teknologi Malaysia, Johor
Bahru, Malaysia

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ABSTRACT Industries and agriculture activities extensively utilize halogenated compounds. These compounds were found to be toxic and pollute the environment. Thus, many studies have been done on microbial degradation of these chemicals. In this study, an attempt was made to isolate bacterial strains EK1–EK5 from marine sediments collected at Danga Bay and east coast of Singapore island. The 16S rRNA analysis suggested that the isolated bacteria had more than 96% sequence identity to the sequence in the database; therefore, they were designated as *Bacillus* sp., *Rhodococcus* sp., *Lysinibacillus* sp., *Microbacterium* sp., and *Aminobacter* sp. The results of molecular analysis were supported by biochemical and microscopic examinations. Bacterial isolates were able to grow slowly in minimal medium containing only 2,2-dichloropropionate as the sole carbon source. The cellular doubling times were 39.60 ± 0.1 , 36.60 ± 0.2 , 30.71 ± 0.1 , 41.23 ± 0.1 , and 36.70 ± 0.3 h for EK1, EK2, EK3, EK4, and EK5, respectively. In the future, it will be important to further investigate the presence of the dehalogenase gene in their genomic DNA for further characterization.

KEYWORDS bioremediation, dehalogenase, 2,2-dichloropropionic acid, halogenated compounds, marine sediment

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INTRODUCTION

Pollution can damage a great deal of the coastal areas and destroy marine habitats. Pollution can also affect commercial and marine fisheries (Islam and Tanaka 2004). A previous study has shown that sediments present in the harbors are often contaminated from a wide range of urban, industrial, and agricultural contaminants such as organohalogen, toxic metals, and petrochemical products (Yong 1995). The largest group of environmental pollutants

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Medium optimization for pullulanase production from Anoxybacillus species using experimental design

By: Kahar, UM (Kahar, Umminul Mukminin)^[1]; Salleh, MM (Salleh, Madihah Md)^[1]; Goh, KM (Goh, Kian Mau)^[1]

INDIAN JOURNAL OF BIOTECHNOLOGY
Volume: 13 Issue: 1 Pages: 89-97
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Abstract

The aim of the present study was to improve pullulanase production from the thermophilic Anoxybacillus species strain SK3-4 by medium engineering. The strain was isolated from a Malaysian hot spring, Sungai Klah (SK). The optimization, processes were performed in two stages using 24 full factorial design and central composite rotatable design (CCRD). Four variables were manipulated to improve pullulanase yield: initial culture pH, and concentrations of pullulan, tryptone and ammonium chloride by using a 24 full factorial design. Following that a quadratic model of CCRD was then used to identify the optimum yield of pullulanase by manipulating all four of these significant parameters. The optimized medium composition was a pH of 8.29, 0.79% (w/v) pullulan, 0.12% (w/v) tryptone and 0.39% (w/v) ammonium chloride, giving a final pullulanase activity of 3.86 U/mL and specific activity of 3.38 U/mg. The specific activity achieved was higher than the CCRD predicted value (3.00 U/mg). The application of two different experimental designs resulted in an improvement of pullulanase specific activity of approximately 73% from the original Thermus medium.

Keywords

Author Keywords: Anoxybacillus; central composite rotatable design; experimental design; optimization; pullulanase; response surface methodology
KeyWords Plus: RESPONSE-SURFACE METHODOLOGY; CULTURE; CGTASE

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1st International Materials, Industrial, and Manufacturing Engineering Conference, MIMEC 2013; Johor Bahru; Malaysia; 4 December 2013 through 6 December 2013; Code 101778

Tensile and thermal properties of Bambusa arundinacea and Dendrocalamus asper culm fibers (Conference Paper)

Ardhyananta, H.^a, Abdul, F.^a, Widyastuti^a, Sulistijono^a, Hassan, A.^b, Kurniawan, D.^b

^a Department of Materials and Metallurgical Engineering, Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia

^b Universiti Teknologi Malaysia, Skudai, Malaysia

Abstract

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Fibers from the culms of Bambusa arundinacea and Dendrocalamus asper were extracted mechanically and chemically treated using alkaline solution. Tensile and thermal properties of both bamboo fibers were examined. Tensile test on the bamboo fibers showed that Bambusa arundinacea fibers have higher strength and stiffness yet lower elongation than Dendrocalamus asper fibers. When the fibers were chemically treated, similar trend on tensile properties was observed but at lower magnitude compared to those shown by untreated fibers. Further characterization revealed that Bambusa arundinacea fibers are of higher fiber diameter and higher cellulose content compared to Dendrocalamus asper fibers. Thermogravimetric analysis showed that both fibers with same treatment have similar thermal stability, with chemically treated fibers are of higher thermal stability than untreated ones. The chemical treatment removed the lignin from the fiber structure, and affected tensile and thermal properties of both bamboos' fibers. © (2014) Trans Tech Publications, Switzerland.

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Screening and Characterization of Several 2,2-Dichloropropionic Acid-Degrading Bacteria Isolated from Marine Sediment of Danga Bay and East Coast of Singapore Island

**Elham Khosrowabadi
and Fahrul Huyop**

Department of Biotechnology
and Medical Engineering,
Faculty of Biosciences and
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Teknologi Malaysia, Johor
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KEYWORDS bioremediation, dehalogenase, 2,2-dichloropropionic acid, halogenated compounds, marine sediment

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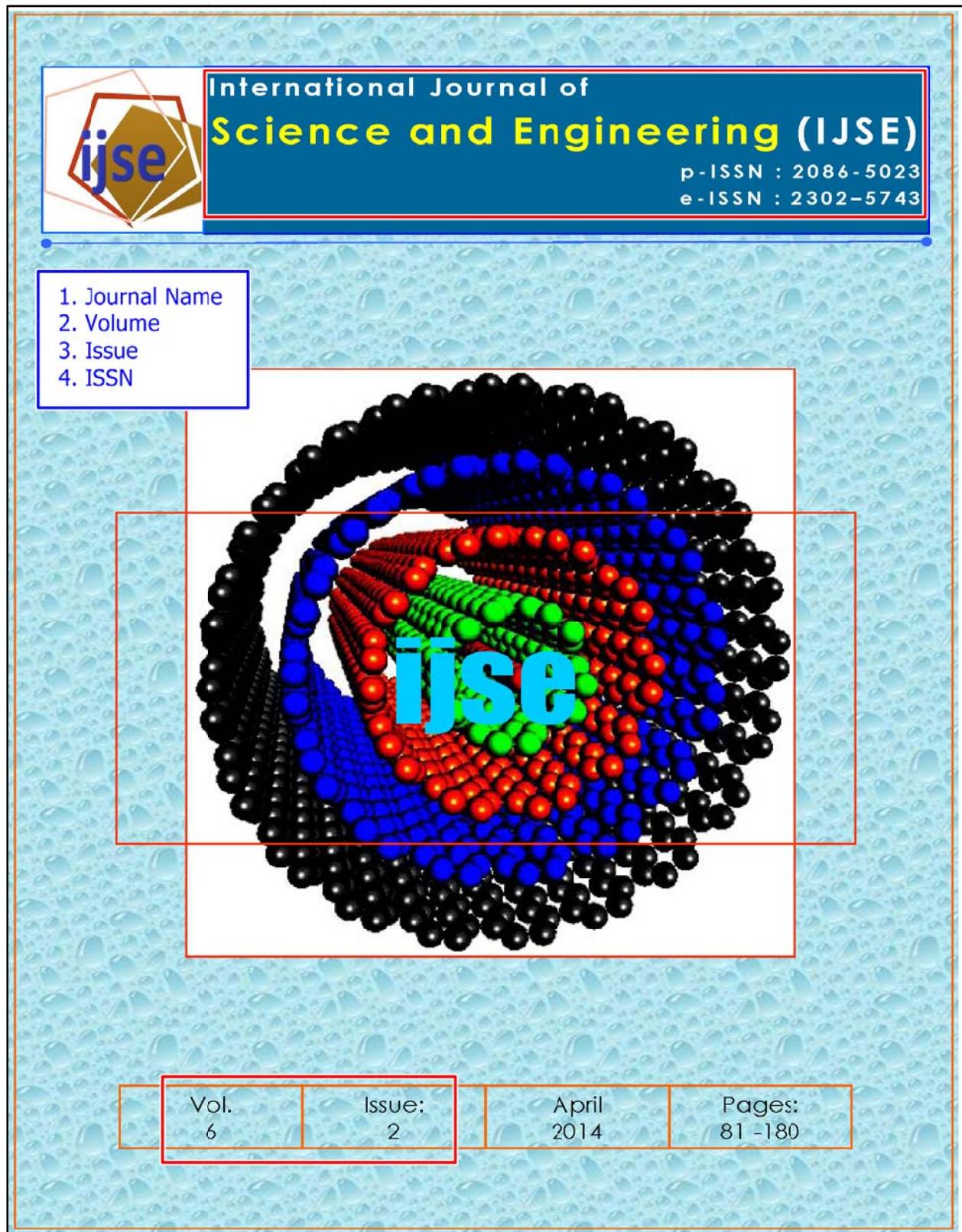
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International Journal of Science and Engineering (IJSE)

6(2), April 2014

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OTHERS PUBLICATION - PROCEEDINGS

Example of Proof of Publication

<i>Proceedings of the Pakistan Academy of Sciences</i> 50 (4): 335–338 (2013) Copyright © Pakistan Academy of Sciences ISSN: 0377 - 2969 (print), 2306 - 1448 (online)	
<i>Proceedings of the Pakistan Academy of Sciences</i> Copyright © Pakistan Academy of Sciences ISSN: 0377 - 2969 (print), 2306 - 1448 (online)	Research Article
Calculation of $vg_{(9/2)^+}$ Isomers in ^{65}Ni, ^{67}Zn, ^{69}Ge and ^{71}Se Nuclei	
Nik N.A.M.A. Ghanif¹, Imam Hossain^{1,4*}, Mohammad A. Saeed², Newa I. Abdullah³ and Magdy Hussein^{1,5}	
1. Proceeding Name 2. Volume 3. Issue 4. Page No. 5. ISSN/ISBN 6. Article Title 7. Author's Name 8. UTM Affiliation	¹Physics, Rabigh College of Science and Arts, King Abdulaziz University, 21911 Rabigh P.O. Box 344 Saudi Arabia ²Department of Physics, Universiti Teknologi Malaysia, 81310 Johor Bahru, Johor, Malaysia ³Department of Physics, College of Education, Scientific Department, Salahaddin University, Erbil, Krg, Iraq ⁴Department of Physics, Shah Jalal University of Science and Technology, Sylhet 3114, Bangladesh ⁵Department of Physics, Faculty of Science, Zagazig University, Zagazig, Egypt
Abstract: We have calculated the reduced transition probabilities $B(M2, 9/2^+ \rightarrow 5/2^-)$ of odd ^{65}Ni, ^{67}Zn, ^{69}Ge, and ^{71}Se nuclei with neutron number $N=37$. The theoretical calculations of the reduced transition probabilities are compared with the experimental values. The width of isomeric levels, mean-life of isomers, and Weisskopf hindrance factors of those nuclei were calculated. The systematic isomeric levels are plotted as a function of odd mass number and indicated that isomeric level decreases with an increase in the mass number. Keywords: Reduced transition probabilities, isomeric levels, hindrance factors, width of isomeric levels	
1. INTRODUCTION Nuclear shell model has explained the nuclear isomers in the vicinity of the closed shells. It convinces that the quadrupole-de-excitation of single particle is very important in this field. Particle's transition is governed by the single particle when the nuclear excitation is due to only one nucleon [1]. Isomers which are the long-lived excited state of an atom's nucleus usually belong to shell closure or magic number. The features of subshell closure in ^{65}Ni with neutron number $N=40$ was established by Broda et al. [2]. A study of the excited states and their decay pattern for the odd-even and even-odd nuclei gives the information of nuclear structure for a single particle state. In odd ^{65}Ni to ^{71}Se nuclei the neutron number is $N=37$, the atomic number is even from $Z=28$ to 34. The $M2(9/2^+ \rightarrow 5/2^-)$ transitions of those nuclei were established due to $vg_{(9/2)^+}$ configuration [3-6]. Theoretically and experimentally, the $M2$ transitions of odd-even nucleus between $9/2^+$ and $5/2^-$ states were observed in odd As isotopes from $A=67-79$ [7,8]. The calculation of odd-even Arsenic nuclei of $vg_{(9/2)^+}$ configuration raised the possibility to calculate the isomerism of even-odd nuclei $vg_{(9/2)^+}$ configuration such as ^{65}Ni, ^{67}Zn, ^{69}Ge and ^{71}Se. Moreover, the systematic mean lives, reduced transition probabilities, width of isomeric levels, and Weisskopf hindrance factors in odd ^{65}Ni to ^{71}Se nuclei are not investigated yet. It would give the good information about the strength of shell closure for $N=40$. It is very interesting to study systematically by theoretical calculations of ^{65}Ni, ^{67}Zn, ^{69}Ge and ^{71}Se nuclei in details.	
Received, November 2012; Accepted, October 2013 *Corresponding Author: Imam Hossain; Email: hossain196977@yahoo.com	

Example of Proceeding Front Page

ISBN 978-967-12214-1-9

THE PROCEEDINGS OF 8th SEATUC SYMPOSIUM

4-5 MARCH 2014

UNIVERSITI TEKNOLOGI MALAYSIA

1. Proceeding Name
2. ISSN/ISBN



Editor:
Prof. Dr. Hadi Nur



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Example of Others – Presentation Schedule

Technical Programme

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Date/Time	Wednesday, 19 June 2013 / 10:20 – 12:00
Venue	ATC205
Chair	Deepak KUMAR , <i>M.N.N.I.T. Allahabad, U.P.</i>
Co-Session Chair	Chitrakleha MAHANTA , <i>IIT Guwahati</i> Wenjie YE , <i>Swinburne University of Technology</i>

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Observer based Sliding Mode Control Strategy for Vertical Take-Off and Landing (VTOL) Aircraft System
Sanjoy Mondal, Chitrakleha Mahanta
Indian Institute of Technology Guwahati
- WeA1.2 10:40 – 11:00 P4062
Fast Fourier Transform for Estimating Process Frequency Response
Utkal Mehta
The University of the South Pacific
- WeA1.3 11:00 – 11:20 P4086
Exact Linearization for Applications in Industrial Pneumatics
Christian Busch, Steven Lanbeck, *Norman Brix
Institute of Automation and System Science
**Technical University of Ilmenau*
- WeA1.4 11:20 – 11:40 P4406
Self-tuning PID Controller for Activated Sludge System
Huong Pei Choo, Shafishuhaza Sahlani, Rickey Ting Pek Eek, Norhaliza Abdul Wahab
Universiti Teknologi Malaysia
- WeA1.5 11:40 – 12:00 P4447
Generalized Frequency Weighted Optimal Hankel Norm Model Reduction
Deepak Kumar, S. K. Nagar
*MNNIT Allahabad, *IIT (BHU) Varanasi*

Session	WeA2 — Power Electronics
Date/Time	Wednesday, 19 June 2013 / 10:20 – 12:20
Venue	AD102
Chair	Xiaodong LI , <i>Macau University of Science and Technology</i>
Co-Session Chair	Shantanu KUMAR , <i>University of Western Australia</i>

- WeA2.1 10:20 – 10:40 P4607
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Shunjie Zhu, Yunhua Li, Yun-ze Li, *Hao Gu, *Qi Lu, **Duanling Li
Beihang University
**ABB Corporate Research Center China*
***Beijing University of Posts and Telecommunications*

OTHERS PUBLICATION – CONFERENCE PAPER

Example of Proof of Publication

2013 IEEE Symposium on Wireless Technology and Applications (ISWTA), September 22-25, 2013, Kuching, Malaysia

Multiband Reconfigurable Antenna for 2.4 GHz, 3.5 GHz & 5.2 GHz Applications

I. H. Idris¹, M. R. Hamid¹, M. H. Jamaluddin², M. K. A. Rahim¹, H. A. Majid¹

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1. Conference Name
2. Article Title
3. Author's Name
4. UTM Affiliation

Abstract— This paper presents a new reconfigurable multiband antenna. The slot dipole antenna is capable to operate at 2.4 GHz, 3.5 GHz and/or 5.2 GHz. This antenna can also be switched to operate at the single or dual band. Six switches are placed on the antenna structures to achieve frequency reconfigurability. While the operating frequency of this antenna is switched from triple-band to dual/single-band, the radiation pattern of the antenna will remain unchanged. The analyses of the antenna were based on the return loss, surface current distribution, and radiation pattern with gain performance.

Keywords— frequency reconfigurable antenna; switchable; triple band;

I. INTRODUCTION

Reconfigurable antennas received much attention because the antenna capability to do multipurpose function, size miniaturization and others. There are three types of reconfigurable antenna which are frequency, radiation pattern and polarization reconfigurable antenna. Commonly, the frequency of reconfigurable antenna is used to switch or tune the operating frequency of the antenna without changing the radiation pattern properties. In addition, to achieve frequency reconfigurability by using switching technology, pin-diode [1], varactor diode [2] and microelectromechanical systems (MEMS) [3], [4] were used. Each switch has its own advantages and applications to be used in certain design.

There are some reconfigurable antennas reported that can switch from single narrowband to another single narrowband [5–8]. Proposed antenna in [5] is having eight different operating modes that can be switched. The operating bands are ranging from 1820 to 2480 MHz. However, there are only six different frequencies covering a very wide band from 2200 to 4750 MHz as reported in [6]. Differently, the proposed antenna in [7] only has two modes which are right and left side radiated modes. This antenna can switch from 2450 (right side radiated mode) to 2900 MHz (left side radiated mode). By using switch configuration either in ON or OFF state, the proposed antenna in [8] can switch from 2169 to 6530 MHz.

There are also reconfigurable antenna that has the capability of switching between dual-band to another dual-

band operations [9], [10]. References [9] reported that the antenna have two PIFA structures. It is using a switch to toggle the configurations to get a wireless wide area network (WWAN) frequencies and wireless local area network (WLAN) standards. The selection of different modes in [10] was achieved by using either feed or ground switching. For example, by using feed switching, the antenna can cover global system for mobile communications (GSM) standard, which are GSM850 and GSM900 for lower band and digital cellular service (DCS) for upper band in mode 0. Furthermore, GSM900 was covered for lower band while for upper band, personal communication system (PCS) and universal mobile telecommunications system (UMTS) was covered in mode 1.

Multiband to another multiband configuration were having more than triple bands and also demonstrated [11], [12]. The antenna in [11] consists of both planar inverted F antenna (PIFA) and monopole design where it can cover LTE, PCS1900 and mobile-worldwide interoperability for microwave access (m-WiMAX) when the switch is turned ON. However, when the switch is turned OFF, the antenna covers GSM900, m-WiMAX and WLAN 802.11a. The proposed antenna in [12] has two multiband designs and each design set comprises three bands. In hard-wire case, the antenna resonates at 900, 1900 and 4800 MHz for state 1 while it resonates at 800, 1700 and 4800 MHz for state 2. The former configuration [5–7] can only support one service at a time, while the latter [9–12] can support multiple services simultaneously and become more applicable recently. More degrees of flexibility can be offered if the antenna can operate in multi-modes operations [13], [14].

This paper presents a new reconfigurable multiband slot dipole antenna that can select a separate frequency bands. It can switch to single, dual or triple band modes by using hard-wire switches. Switches are located in the slot of the antenna which can control the arms of the dipole either switch in and out from the slot edges. Details of the proposed designs will be explained. The simulated result in the return loss, surface current distribution, radiation pattern and gain are presented and discussed.

Example of Conference Front Page

2013 IEEE Symposium on Wireless Technology & Applications (ISWTA), September 22 – 25, 2013, Kuching, Malaysia

2013 IEEE Symposium on Wireless Technology & Applications (ISWTA)

ISWTA2013

- 1. Conference Name
- 2. Place & Date

**Pullman Kuching Hotel
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September 22 – 25, 2013**

Example of Others – Conference Poster

The 1ST **This conference** aims to provide a platform for those who have studied in Japan and those who are interested in Japan to meet and discuss about the future of Asia.

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FUTURE

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世界の中のアジア：地域協力の可能性

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隈研吾：「建築におけるグローバリズムとローカリズム」

NATURAL SCIENCE "Regional Cooperation in Environmental Technology"
自然科学：「環境技術の地域協力」

SOCIAL SCIENCE "Regional Cooperation in Asia"
社会科学：「アジアにおける地域協力」

HUMANITY SCIENCE "Regional Exchanges in Asia"
人文科学：「アジアにおける地域交流」

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懇談会：「グローバル時代の日本研究の現状と課題」

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OTHERS PUBLICATION – ARTICLE IN MASS MEDIA

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First-Past-The-Post: Sudah tidak relevan? - Sinar Harian <http://www.sinarharian.com.my/first-past-the-post-sudah-tidak-relevan-1...>



SENTIASA
BERHUBUNG

Utama Nasional Politik Edisi Semasa Bisnes Global Hiburan Sukan Ultras Karya Wawancara Sinar TV Arkib

1. Newspaper Name
2. Artikel Title
3. Author's Name
4. Date
5. UTM Affiliation

TERKINI

10:59am Ops Titik: Penyelenggaraan terus digempur

10:55am Teliti garis panduan baharu halal di Kanada

10:54am 200kg cendol habis setiap hari

10:46am Kempen tak berhasil tanpa kesedaran

10:40am JPJ berada di 112 lokasi seluruh negara

5 PALING HOT

- 1 Pramugari beri bayangan tragedi
- 2 MH17: Rusia kantai ubah maklumat Wikipedia
- 3 Tragedi MH17: Rusia 'buat bodoh'?
- 4 Seseorang cuba hubungi keluarga guna iPad mangsa
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TERDAPAT perbincangan hangat sejak beberapa tahun kebelakangan ini berhubung dengan cadangan untuk menukar sistem pilihan raya di Malaysia.

Kini Malaysia menggunakan sistem yang dikenali sebagai 'first-past-the-post' atau FPTP.

Sistem ini menggunakan kaedah pembahagian kawasan pilihan raya kepada beberapa kawasan.

Pemilihan wakil rakyat dibuat untuk setiap kawasan menggunakan kaedah pertandingan undi majoriti.

Siapa yang dapat undi tertinggi maka dia menang di kerusi tersebut. Pihak lawan tetap dikira kalah dan tidak dapat apa-apa walau pun beza undinya hanya sedikit.

Sistem ini dipertikaikan oleh beberapa pihak sejak beberapa kali pilihan raya lagi.

Selepas pilihan raya umum, biasanya pihak yang bertanding akan melihat jumlah undi popular mereka.

Pihak yang kalah biasanya akan mendapati bahawa undi popular mereka jauh lebih tinggi dari jumlah kerusi yang diperolehi.

Bahkan dalam Pilihan Raya Umum ke-13 baru-baru ini, undi popular Barisan Nasional sebenarnya lebih kecil berbanding undi popular yang diperolehi oleh parti-parti yang bergabung di bawah Pakatan Rakyat.

Perbezaan ketara antara undi popular dan jumlah kerusi yang dimenangi menjadi dorongan terkuat sesetengah pihak untuk memelopori usaha menukar sistem FPTP kepada sistem pilihan raya lain – dan alternatif yang popular adalah sistem 'kesaksamaan perwakilan' (proportionate representation) atau ringkasnya sistem PR.

Apa puncanya?

Walau bagaimana pun, cadangan ini mencetuskan beberapa persoalannya, antaranya: Adakah benar kelemahan pilihan raya hari ini berpunca dari sistem FPTP?

Adakah pertukaran sistem FPTP kepada sistem PR akan dapat menamatkan masalah pilihan raya kita? Mungkinkah perubahan kepada sistem baru akan mewujudkan masalah baru?

Sistem pilihan raya FPTP sudah diguna pakai di Malaysia sejak sebelum merdeka

5 PILIHAN EDITOR



Tsunami ancam survival universiti



Mana mayat mangsa nahas MH17?



Sinar Ramadan: Manisnya sebuah hidayah



Puluhan anak kecil jadi mangsa kezaliman rejim



Sinar Ramadan: Kelelahan Berpuasa



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Dalam pelaksanaan sistem demokrasi, penekanan diberikan kepada keadilan bukannya kesaksamaan.

Sesuatu sistem boleh dianggap adil walau pun ia kurang saksama. Ini kerana penggunaan sesuatu sistem tidaklah bergantung kepada satu faktor sahaja, bahkan banyak faktor yang perlu dipertimbangkan.

Apa guna sistem yang saksama contohnya, tetapi tidak cekap, terlalu kompleks, atau menimbulkan masalah kerajaan yang mudah digoyang.

Ada kelebihannya

Antara kelebihan sistem FPTP ialah, selain ia mudah difahami oleh rakyat, ia juga mampu menubuhkan kerajaan yang lebih stabil untuk sesuatu penggal pilihan raya.

Kewujudan kerajaan yang stabil amat penting untuk rakyat. Rakyat mahukan pilihan raya berkesan.

Pilihan raya yang berkesan mampu menyalurkan mandat rakyat kepada sekumpulan pemimpin yang dapat memerintah tanpa digoyang atau digugat oleh pesaing politik selama tempoh pemerintahan. Jika rakyat tidak berpuas hati, mereka boleh ditukar bila tamat penggal pemerintahan itu.

Jika kerajaan boleh digoyang dengan mudah dalam tempoh pemerintahan, maka rakyat serta negara akan sentiasa diheret untuk berpolitik tanpa penghujung. Akhirnya rakyat yang rugi.

Oleh itu, kita tidaklah perlu terlalu gopoh dan tergesa-gesa menelan idea dan cadangan untuk menukar sistem pilihan raya di Malaysia. Tambahan pula, mengubah sistem pilihan raya sebenarnya akan menyentuh juga perkara-perkara lain seperti komposisi Parlimen dan Dewan Negeri, sistem perwakilan, hubungan wakil rakyat dan pengundi dan sebagainya.

Lebih jauh lagi, perubahan dalam sistem pilihanraya juga boleh memberi kesan kepada pola kepartian dan politik dalam negara.

Oleh itu sebelum sebarang perubahan dilaksanakan beberapa persoalan ini perlu dijawab melalui kajian menyeluruh: Adakah perubahan sistem akan menggalakkan politik perkauman? Adakah sistem baru mendorong parti politik berasaskan kaum semakin subur?

Adakah sistem baru menggalakkan politik kerjasama atau politik perseteruan?

Adakah sistem baru akan menyebabkan parti-parti lebih selesa untuk bertanding bersendirian daripada bernaung dibawah satu perikatan atau pakatan seperti sekarang?

Adakah sistem baru membuka ruang kepada parti kecil untuk menggunakan kuasa penentu bagi menguasai keputusan kerajaan?

Tegasnya, adalah terlalu awal untuk kita bercakap soal mengubah keseluruhan sistem pilihan raya daripada sistem FPTP kepada sistem PR atau sistem lain.

Para aktivis pejuang pilihan raya adil dan bersih sepatutnya meletakkan fokus pada sasaran betul. Banyak lagi aspek pembaharuan pilihan raya yang perlu dibuat.

Aspek kritikal seperti daftar pemilih yang bersih, rasuah pilihan raya, penggunaan jentera kerajaan dalam kempen pilihan raya, media yang tidak adil dan isu persempadanan sepatutnya diberikan keutamaan.

Kita berharap dengan dialog yang lebih realistik dan bernas, serta dengan keprihatinan di pihak kerajaan, suatu hari nanti kita dapat meningkatkan kualiti pilihan raya kita menjadi antara yang terbaik di dunia.

DR MUHAMMAD FATHI YUSOF
Pensyarah Kanan
UTM Razak School
Universiti Teknologi Malaysia
Kuala Lumpur



RENCANA

Warita dan persiapan raya

Jadilah wanita yang menyenangkan

Ramadan didik kesabaran hindari perbalahan

Diugut potong kaki jika masuk Islam!

PENDAPAT

Keterbukaan dagangan China

MH17: Ambil iktibar daripada peristiwa MH370

Nik Aziz: Yahudi bangsa dilaknati ALLAH

Sambutan Eid ul Fitri Al Mubarak 1435 Hijrah

BLOG

Ramadan ke-14: Doa, solat hajat untuk Palestin

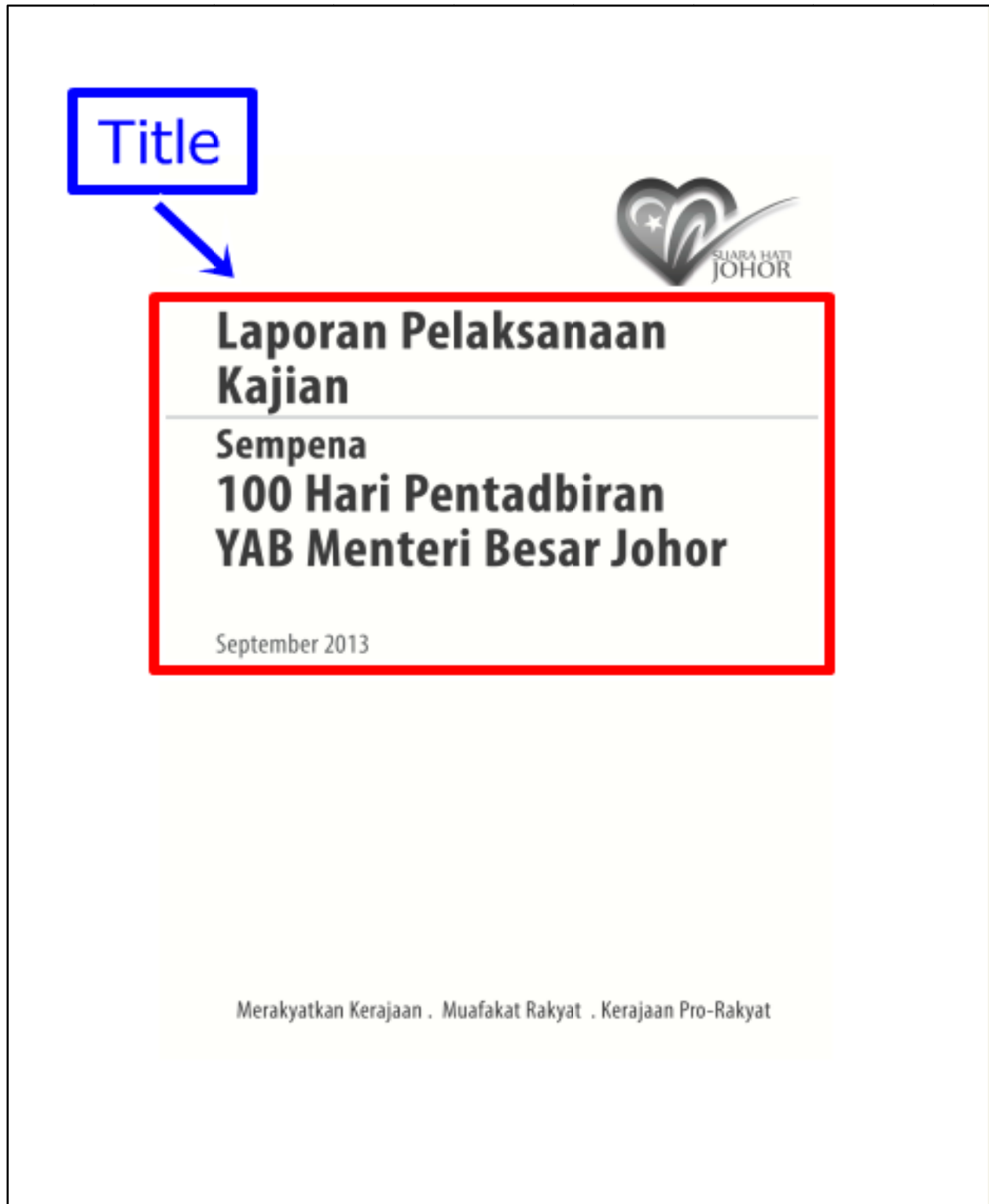
Di manakah kita akan berakhir...

Dua jalan terbentang di hadapan...

Puasa hari ke-3, ada masalah?

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September 2013

ISBN 978-967-0194-32-5


9 789670 194325 >

Hak cipta terpelihara. Tiada sebahagian daripada terbitan ini boleh diterbitkan semula, disimpan dalam sistem dapatan semula, atau dipindahkan, dalam sebarang bentuk ataupun sebarang cara, tanpa kebenaran bertulis daripada Pejabat Timbalan Naib Canselor (Hal Ehwal Mahasiswa dan Alumni), Universiti Teknologi Malaysia terlebih dahulu, atau sebagaimana yang dibenarkan dengan nyata oleh undang-undang. Pertanyaan mengenai penerbitan semula terbitan ini selain daripada skop yang dinyatakan hendaklah dihantar kepada universiti, di alamat seperti yang disenaraikan di atas.

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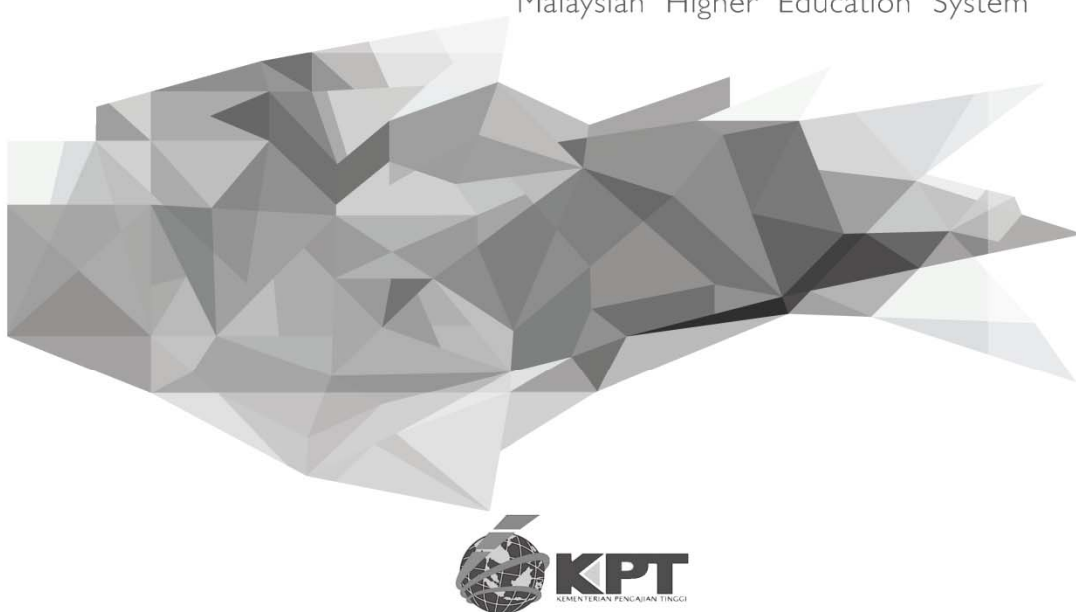
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OPERATIONAL FRAMEWORK FOR INTERNATIONAL STUDENT MANAGEMENT

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