



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

User's Manual

Research And Development Information System (RADIS)

Research Management Centre

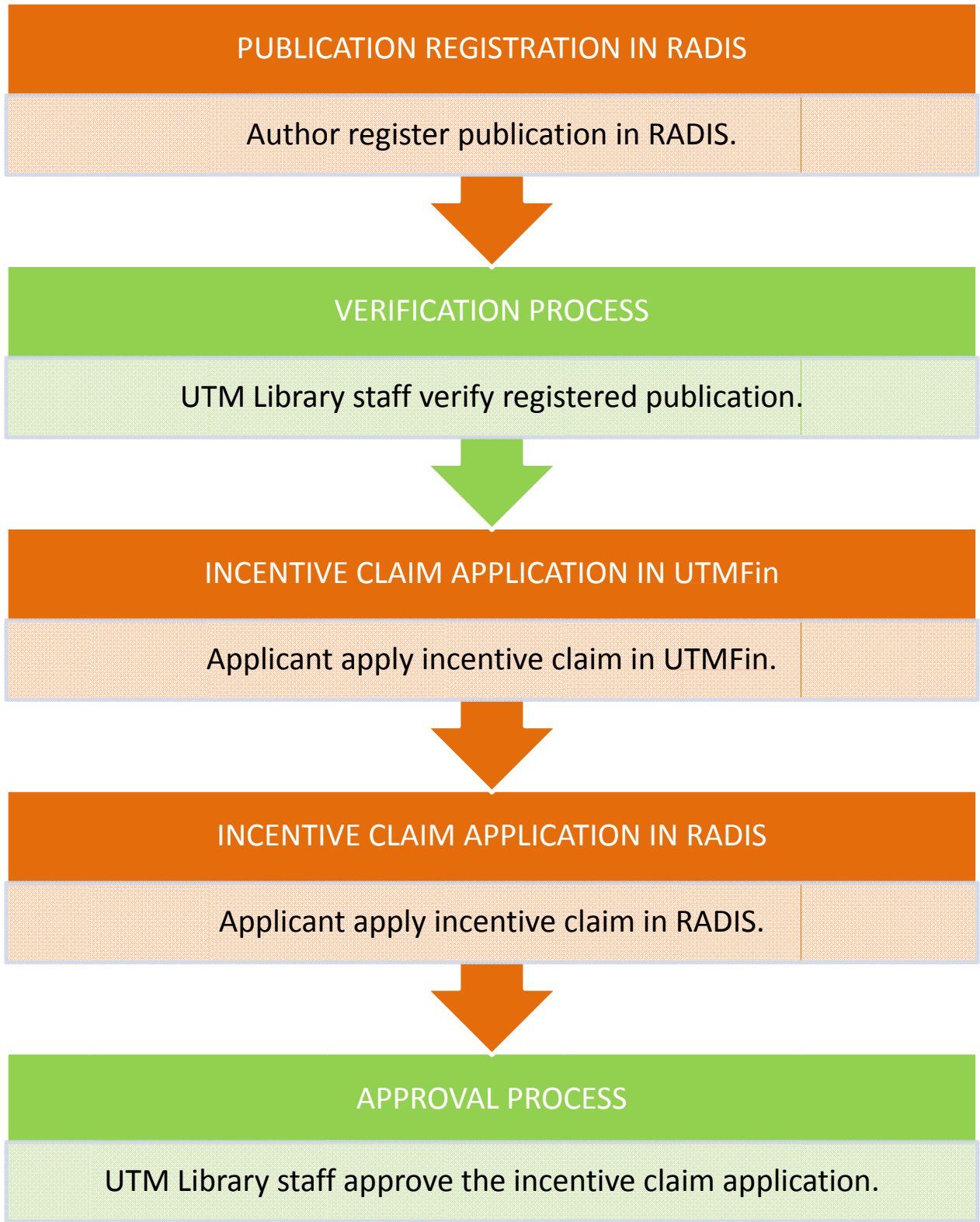
July, 2014

USER'S MANUAL

TABLE OF CONTENT

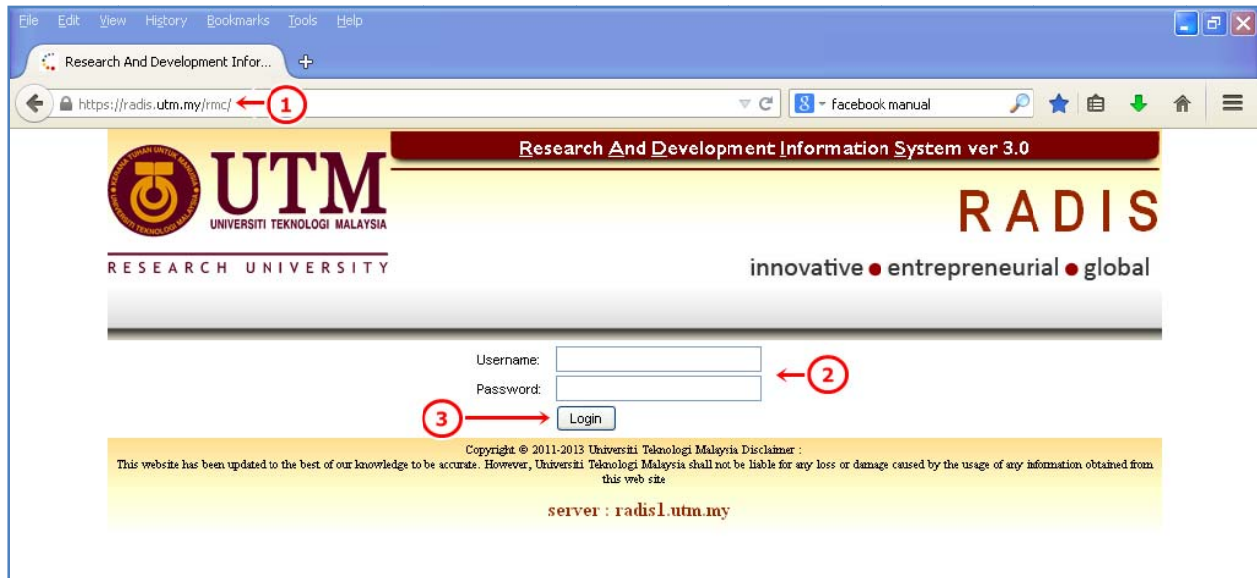
1.0 Process Flow	3
2.0 Publication Registration	4
a) Indexed Publication	4
b) Non-Indexed Publication.....	12
c) Others Publication	20
3.0 Incentive Claim Application in UTMFin System.....	29
4.0 Incentive Claim Application in RADIS	30
Appendix	33
Example of UTMFin E-Form Attachment.....	33

1.0 Process Flow

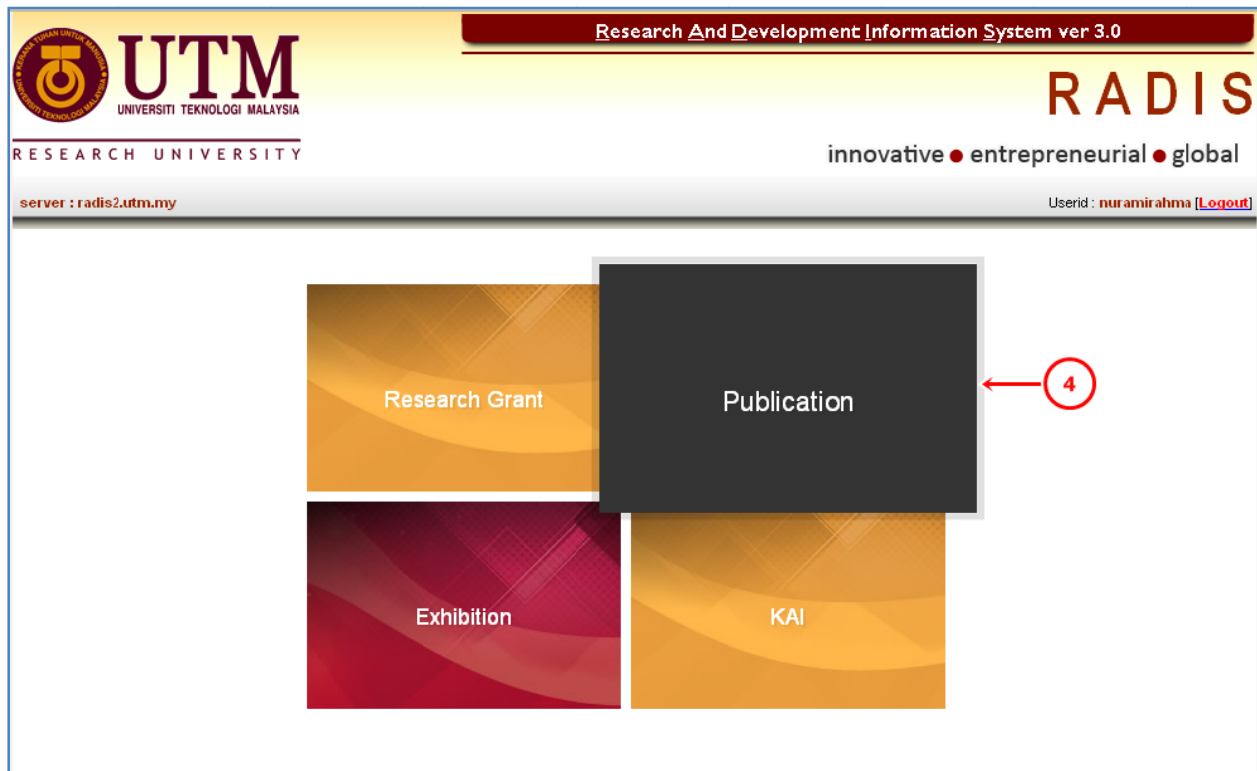


2.0 Publication Registration in RADIS

a. Indexed Publication



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.

The screenshot shows a navigation menu on the left with 'Publication' selected. A yellow box contains contact information for 'Inquiry' and 'Technical Support'. Below this is a table titled 'LIST OF ACTION : PUBLICATION' with two rows of data. Red circles and arrows highlight the 'Publication' menu item (5), 'New Publication' (6), and 'Indexed Publication' (7).

* 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 Karni
 Email: mdrazib@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](#)

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.

The screenshot shows the 'Publication Registration' form. It includes a section for 'Author's Personal Information' with a photo and various fields. Below this are tabs for 'Publication Details', 'Attachment', and 'Declaration'. A dropdown menu is open under 'Publication Details', showing options like 'ARTICLE IN SCOPUS' and 'ARTICLE IN WEB OF SCIENCE'. A yellow note box states: '* Note : All Authors Names MUST be added in this registration process'. A red circle and arrow highlight the dropdown menu (8).

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

* 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. 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://portal.psz.utm.my/support/wp-content/uploads/2013/10/Author-Verification-in-RADIS.pdf>

Add Author List

Category of Author : Please Choose
Please Choose
UTM STAFF
UTM STUDENT
OTHERS 11 ←

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	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

2) UTM Students

No Record.

3) Others

No Record.

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	<input type="button" value="Select"/>
2	5537	MOHAMAD KAMAL B. A. RAHIM	INFOCOMM	FAKULTI KEJURUTERAAN ELEKTRIK	<input type="button" value="Select"/>
3	2058	KAMALUDIN BIN HAJI MOHD OMAR	INFOCOMM	FAKULTI GEOINFORMASI DAN HARTA TANAH	<input type="button" value="Select"/>
4	747	AHMAD KAMAL BIN ABDUL HAMID		FAKULTI KEJURUTERAAN AWAM	<input type="button" value="Select"/>
5	5623	MOHD KAMAL BIN ARIFFIN	ENERGY	FAKULTI KEJURUTERAAN MEKANIKAL 15	<input type="button" value="Select"/>
6	2591	KAMAL AZAM BIN HJ BANI HASHIM	TRANSPORTATION	SEKOLAH RAZAK UTM DALAM KEJURUTERAAN & TEKNOLOGI TERMAJU	<input type="button" value="Select"/>
7	7806	KAMAL BIN ABDUL MANAF		FAKULTI PENDIDIKAN	<input type="button" value="Select"/>
8	2023	AHMAD KAMAL BIN IDRIS	ENERGY	PEJABAT TNC (A&A)	<input type="button" value="Select"/>
9	7379	KAMALULARIFIN BIN SUBARI	K-ECONOMY	FAKULTI PENDIDIKAN	<input type="button" value="Select"/>
10	7020	KAMALRULNIZAM BIN ABU BAKAR	K-ECONOMY	FAKULTI KOMPUTERAN	<input type="button" value="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 : UTM STUDENT 18

Name/Matric No. : ismail 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	<input type="button" value="Select"/>
2	MR061113	ISMAIL SALEH AL-HADI	02292579	International Business School	YEMEN	<input type="button" value="Select"/>
3	MC081057	ISMAIL AHMED AL-QASEM AL-HADI	200806M10069	Computing	YEMEN	<input type="button" value="Select"/>
4	MC111201	MOHAMED ISMAIL GURHAN	201202M10243	Computing	SOMALIA	<input type="button" value="Select"/>
5	AF020002	ABDUL HAFIZ BIN ISMAIL	373927	Kolej Tentera Udara	MALAYSIA	<input type="button" value="Select"/>
6	MP071690	ARSHAD BIN ISMAIL	551123015685	Education	MALAYSIA	<input type="button" value="Select"/>
7	MP961030	ISMAIL BIN HUSSIN	5528231	Education	MALAYSIA	<input type="button" value="Select"/>
8	MP001139	MUSA BIN ISMAIL	560820016143	Education	MALAYSIA	<input type="button" value="Select"/>
9	PB033006	ISMAIL SAID	590110065335	Built Environment	MALAYSIA	<input type="button" value="Select"/> 21
10	MP001047	ISMAIL BIN AHMAD	600501016537	Education	MALAYSIA	<input type="button" value="Select"/>

3,288 records found

Add Author List

Category of Author : UTM STUDENT

Name/Matric No. : ismail

Search By : Student Name Matric No.

Name : ISMAIL SAID

IC No./Passport No. : 590110065335

Faculty : Built Environment

Nationality : MALAYSIA

Type of Author : Please Choose 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

Callouts: 24 (Name field), 25 (E-Mail field), 26 (Type of Author dropdown), 27 (Add button).

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	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Callout: 28 (Action buttons)

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

Attachment

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				

Callouts: 29 (Type of Attachment dropdown), 30 (Description field), 31 (Browse... button), 32 (Upload button).

Text box: *How to get proof journal indexing?*
1) Proof of [SCOPUS example](#)
2) Proof of [Web of Science example](#)
Click on these links for example of Proof Indexing In Web of Science / Scopus / ERA

RD013804

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

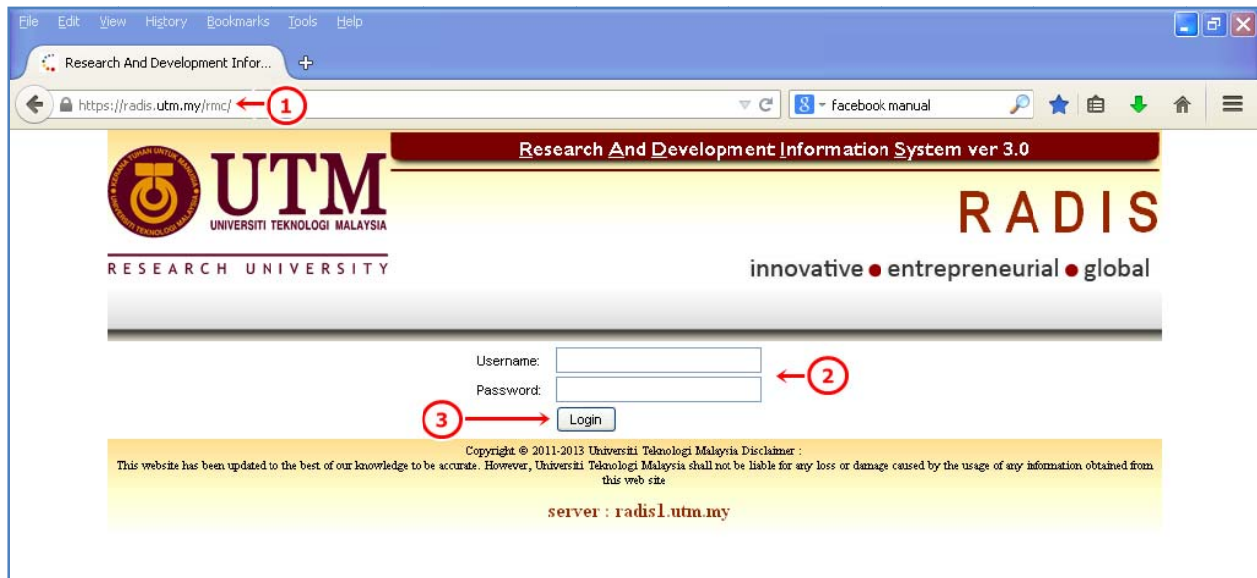
I hereby declare that all the information for this application are true

Back Exit Submit

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



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.

* 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
 mu raziq narni
 Email: drazib@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](#)

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 : KECONOMY
 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 ⓘ

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

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 ▼

Publisher : PUBLISHER NIP

Place of Publication : POP NIP

Level of Publication : INTERNATIONAL ▼

Exit Save ← 9

PD013S03

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://portal.psz.utm.my/support/wp-content/uploads/2013/10/Author-Verification-in-RADIS.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	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

2) UTM Students

No Record.

3) Others

No Record.

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

Add Author List

Category of Author : UTM STAFF ← 11

Staff Name/ID : ← 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	<input type="button" value="Select"/>
2	7620	MD HAFIZ BIN SELAMAT	K-ECONOMY	FAKULTI KOMPUTERAN	<input type="button" value="Select"/> ← 14
3	8829	NORHANIM BINTI SELAMAT			<input type="button" value="Select"/>
4	7335	ROSLEE B. SELAMAT		FAKULTI KEJURUTERAAN KIMIA & KEJURLTERAAN SUMBER ASLI	<input type="button" value="Select"/>
5	8320	ASRI BIN SELAMAT			<input type="button" value="Select"/>
6	7409	ALI BIN SELAMAT	K-ECONOMY	PEJABAT TNC(P&I)	<input type="button" value="Select"/>
7	7410	RUZITA BT. SELAMAT	K-ECONOMY	FAKULTI PENGURUSAN	<input type="button" value="Select"/>
8	7882	HAZLINA BINTI SELAMAT	MATERIAL AND MANUFACTURING	PEJABAT TIMBALAN NAIB CANSELOR (PENYE_IDIKAN DAN INOVASI)	<input type="button" value="Select"/>
9	7762	KANDAR BIN SELAMAT		FAKULTI PENDIDIKAN	<input type="button" value="Select"/>

9 records found

1

Add Author List

Category of Author : UTM STAFF

Staff Name/ID :

Search By : Staff Name Staff ID

Name :

Faculty :

Research Alliance :

Role : **15**

16

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. : **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	<input type="button" value="Select"/>
2		ARAVINTHAN A/L M.MARIMUTHU	760624085383	International Business School	MALAYSIA	<input type="button" value="Select"/>
3	ME081541	RAVINDRAN A/L LETCHAMANAN	801210086253	Electrical Engineering	MALAYSIA	<input type="button" value="Select"/>
4	AE010593	RAVINDRAN A/L SACHITHANANTHAN	830201145781	Electrical Engineering	MALAYSIA	<input type="button" value="Select"/>
5	MC073042	PRAVINA A/P THENARASOO	841118016822	Computing	MALAYSIA	<input type="button" value="Select"/> 20
6	AD041279	PRAVIND A/L NARAYANAN	860527386289	College of Science and Technology	MALAYSIA	<input type="button" value="Select"/>
7	AK060292	PRAVIND A/L NARAYANAN	860527386289	Chemical and Natural Resources Engineering	MALAYSIA	<input type="button" value="Select"/>
8	AD051587	RAVINJIT KAUR GILL A/P BELWANT SINGH	870827105548	College of Science and Technology	MALAYSIA	<input type="button" value="Select"/>
9		RAVINTIRAA RAJAN A/L ADAIKALAM	881011565625	Chemical Engineering	MALAYSIA	<input type="button" value="Select"/>
10	AD090157	DILIP ARAVIN RAJ A/L SEGARAN	910412015835	College of Science and Technology	MALAYSIA	<input type="button" value="Select"/>

77 records found

◀◀◀ 1, 2, 3, 4, 5, 6, 7, 8 ▶▶▶

Add Author List

Category of Author : UTM STUDENT ▾

Name/Matric No. : ravin

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

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

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	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

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

Publication Details
Attachment
Declaration

Type of Attachment 28

Description 29

File name No file selected. 31

Please upload PDF file format only.

List of Attachment

No	Name	Type of Attachment	Description	Action
Record Not Found				
1				

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

32

33

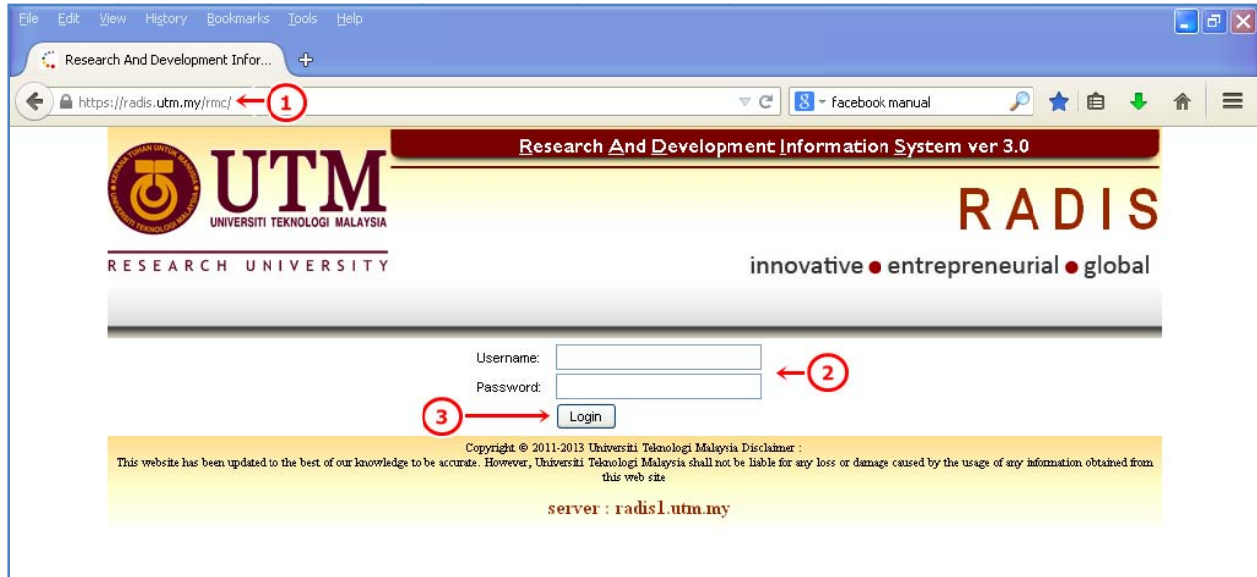
RD013S05

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

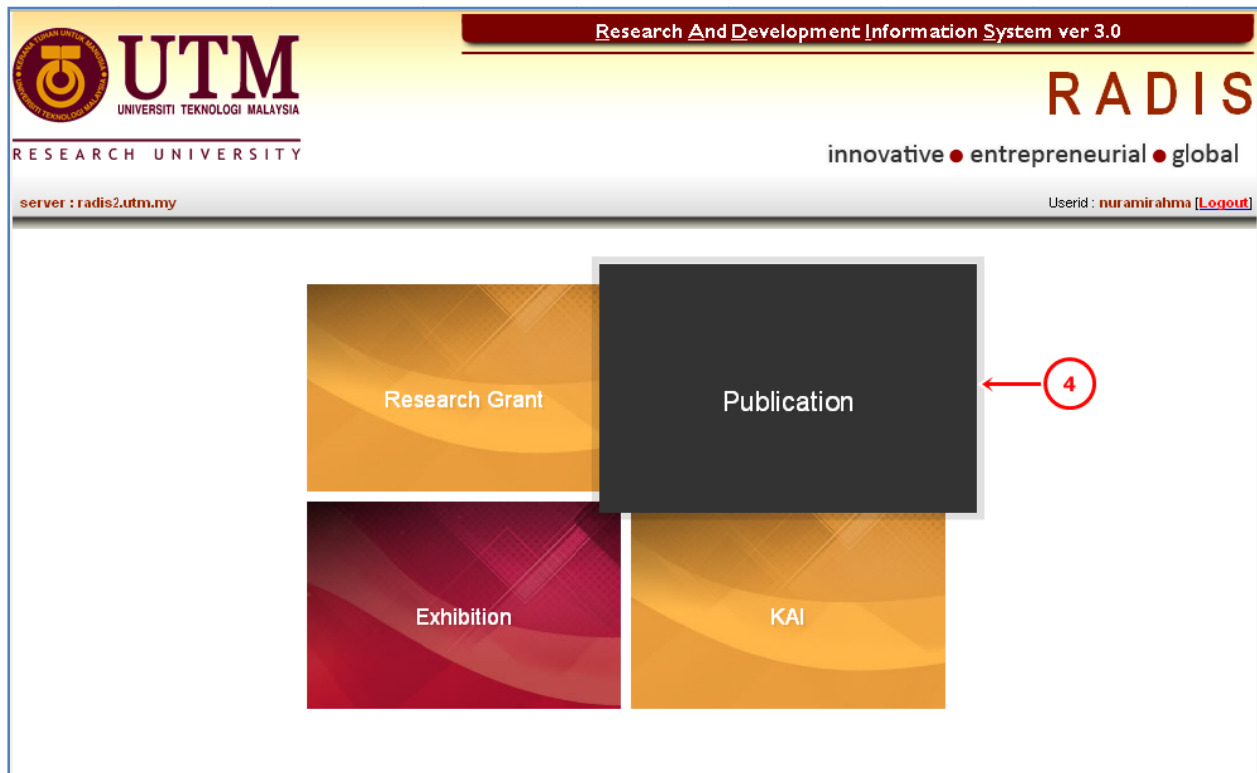
33. Click on Submit button.

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

c. Others Publication



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.

* 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 Kazib Karim
 Email: mdkazib@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](#)

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 CHIZAR!	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

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 Details | Attachment | Declaration

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 | End Date: 15/01/2014

Issue: 1 (Put 0 if null) | Page No.: 25 to 28 (eg : 1 - 10)

Year of Publication: 2014 | Month of Publication: March

Media Format: PRINTED / ELECTRONIC | Venue: VENUE TEST OP

Publisher: PUBLISHER TEST OP | Place of Publication: POP TEST OP

Level of Publication: NATIONAL

Exit | Save 9

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

Reminder:

g) 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.

h) ISBN

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

i) Role of Author

- For further information, please go to <http://portal.psz.utm.my/support/wp-content/uploads/2013/10/Author-Verification-in-RADIS.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	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

2) UTM Students

No Record.

3) Others

No Record.

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

Add Author List

Category of Author : UTM STAFF ← 11

Staff Name/ID : ← 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	<input type="button" value="Select"/>
2	7620	MD HAFIZ BIN SELAMAT	K-ECONOMY	FAKULTI KOMPUTERAN	<input type="button" value="Select"/> ← 14
3	8829	NORHANIM BINTI SELAMAT			<input type="button" value="Select"/>
4	7335	ROSLEE B. SELAMAT		FAKULTI KEJURUTERAAN KIMIA & KEJURLTERAAN SUMBER ASLI	<input type="button" value="Select"/>
5	8320	ASRI BIN SELAMAT			<input type="button" value="Select"/>
6	7409	ALI BIN SELAMAT	K-ECONOMY	PEJABAT TNC(P&I)	<input type="button" value="Select"/>
7	7410	RUZITA BT. SELAMAT	K-ECONOMY	FAKULTI PENGURUSAN	<input type="button" value="Select"/>
8	7882	HAZLINA BINTI SELAMAT	MATERIAL AND MANUFACTURING	PEJABAT TIMBALAN NAIB CANSELOR (PENYE_IDIKAN DAN INOVASI)	<input type="button" value="Select"/>
9	7762	KANDAR BIN SELAMAT		FAKULTI PENDIDIKAN	<input type="button" value="Select"/>

9 records found

1

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

16 → Add Cancel

15 ←

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

Name/Matric No. : ravin Search

Search By : Student Name Matric No.

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
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

17 →

19 ←

18 ←

20 →

Add Author List

Category of Author : UTM STUDENT ▾

Name/Matric No. : ravin

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

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

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	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

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

Publication Details
Attachment
Declaration

Type of Attachment 28

Description 29

File name 30 No file selected. 31

Please upload PDF file format only.

List of Attachment

No	Name	Type of Attachment	Description	Action
Record Not Found				
1				

RD013S04

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

Type of Publication	Type of Attachment	
	Compulsory	Supporting Evidence
Proceedings	<ul style="list-style-type: none"> • Proof of Publication 	<ul style="list-style-type: none"> • Table of Content OR • Journal Front Page OR • Others <ul style="list-style-type: none"> - Presentation Schedule - Conference Certificate - etc.
Conference Paper	<ul style="list-style-type: none"> • Proof of Publication 	<ul style="list-style-type: none"> • Table of Content OR • Journal Front Page OR • Others <ul style="list-style-type: none"> - Presentation Schedule - Conference Certificate - etc.
Writing Popular/Press	<ul style="list-style-type: none"> • Proof of Publication 	<ul style="list-style-type: none"> • Others <ul style="list-style-type: none"> - Table of Content OR - Front Page Cover OR

		- Others
Publication in Academic and Professional Magazine	• Proof of Publication	• Others - Table of Content OR - Magazine Front Page Cover OR - Others
Article in Mass Media	• Proof of Publication	For mass media type: Magazine • Others - Table of Content OR - Magazine Front Page Cover OR - Others
Policy paper	• Proof of Publication	• Others
Pelaporan/Penerbitan Khusus (Rancangan Malaysia/Statistik Kebangsaan)	• Proof of Publication	• Others
Portfolio	• Proof of Publication	• Others
Classified/Technical Report	• Proof of Publication	• Others
Karya Kreatif	• Proof of Publication	• Others
Modules/Manual	• Proof of Publication	• Others
Book Chapter	Follow requirements from Penerbit UTM Press	
Book (Text)		
Original Book		
Monograph		

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.

Publication Details Attachment **Declaration**

APPLICANT DECLARATION

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

32

Back Exit Submit 33

RD013805

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 except for Book Chapter, Book (Text), Original Book and Monograph. These types of publication will be verified by Penerbit UTM Press.
35. Once verified, proceed to Incentive Claim Application in UTMFin System.
***Only for publication that is eligible to apply.**

3.0 Incentive Claim Application in UTMFin System

The screenshot shows the UTMFin system interface. On the left is a navigation menu with options: Back to Main Menu, Main Page, Publication, Incentive Claim, New Incentive Claim, List of Incentive Claim, List of Action, Report, and Announcement. The 'Incentive Claim' option is highlighted with a red circle and arrow labeled '1'. Below it, 'New Incentive Claim' is also highlighted with a red circle and arrow labeled '2'. The main content area contains a yellow box with a message: '*The Pilot Testing for Publication and Incentive Claim is now available. If you have any issues related to Publication and Incentive Claim, please contact:'. Below the message are two columns of 'Technical Support' contact information. The first column lists 'Md Razib Karti' with email 'mdrazib@utm.my' and extension '30280'. The second column lists 'Dr Shukor Abd Razak' with email 'shukorar@utm.my' and extension '37899'. A third column lists 'Siti Salbiah Zakaria' with email 'sitisalbiah@utm.my' and extension '37849'. Below this is a 'Download' link for 'Guideline for Publication and Incentive Claim'. Underneath is a table titled 'LIST OF ACTION : PUBLICATION' with columns: No, Reference No., Submission Date, Year, Journal/Title Name, Category, Type, Insert By, Status, and Action. The table contains two rows of data. Below the table, it says '2 records found' and '1' at the bottom.

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	Del
2	PB/2014/02537	-	2014	ASIAN JOURNAL OF APPLIED SCIENCES	Indexed Publication	ARTICLE IN SCOPUS	SHUKOR BIN ABD RAZAK	DRAFT	Del

1. Click on Incentive Claim.
2. Click on New Incentive Claim.

The screenshot shows the 'Incentive Claim Application' page. At the top, it says 'Incentive Claim Application'. Below that is a yellow box containing the text: 'UTMFIN Manual for Publication Incentive Claim. Download Here!' with a red arrow pointing to the link, labeled '3'. Below this box is the text: '(Please select purchaser/pembayar '00D52)'. The background is a light yellow gradient.

3. Click on the link to download UTMFin Manual for Publication Incentive Claim and proceed with steps from the UTMFin manual.
4. Then, proceed with steps for Incentive Claim Application in RADIS.

4.0 Incentive Claim Application in RADIS

The screenshot shows the RADIS system interface. On the left is a navigation menu with options: Back to Main Menu, Main Page, Publication, Incentive Claim, New Incentive Claim, List of Incentive Claim, List of Action, Report, and Announcement. The 'Incentive Claim' option is highlighted with a red circle and arrow labeled '1'. Below it, 'New Incentive Claim' is also highlighted with a red circle and arrow labeled '2'. The main content area contains a yellow box with a message: '*The Pilot Testing for Publication and Incentive Claim is now available. If you have any issues related to Publication and Incentive Claim, please contact:'. Below this message are contact details for 'Technical Support' (Dr. Shukor Abd Razak) and 'Technical Support' (Siti Salbiah Zakaria). A 'Download' link for 'Guideline for Publication and Incentive Claim' is provided. Below the message is a table titled 'LIST OF ACTION : PUBLICATION' with columns: No, Reference No., Submission Date, Year, Journal/Title Name, Category, Type, Insert By, Status, and Action. The table contains two rows of data. Below the table, it indicates '2 records found' and '1' at the bottom.

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	Del
2	PB/2014/02537	-	2014	ASIAN JOURNAL OF APPLIED SCIENCES	Indexed Publication	ARTICLE IN SCOPUS	SHUKOR BIN ABD RAZAK	DRAFT	Del

1. Click on Incentive Claim.
2. Click on New Incentive Claim.

The screenshot shows the 'Incentive Claim Application' form. At the top, there is a yellow box with the text 'UTMFIN Manual for Publication Incentive Claim. Download Here!' and a note '(Please select purchaser/pembayar '00D52')'. Below this is a section titled 'New Claim' containing a table with columns: No, Reference No., Journal/Title Name, Article Name, Role, Publication Type, Year, and Action. The table contains one row of data. Below the table, it indicates '1 record found' and '1' at the bottom. A red box highlights the 'Claim' button in the 'Action' column, with a red circle and arrow labeled '3' pointing to it. Below the table is a note: '* Only Corresponding Author/UTM First Author/Individual Author can claim the publication' and an 'Exit' button.

No	Reference No.	Journal/Title Name	Article Name	Role	Publication Type	Year	Action
1	PB/2014/02615	TEST JOURNAL	TEST ARTICLE NAME	CORRESPONDING AUTHOR	ARTICLE IN SCOPUS	2013	Claim

3. Click on Claim button.

ATTENTION

Proceed if no claim application has been made before

← 4

Publication Summary

Reference No.	: PB/2014/02615	Type of Publication	: ARTICLE III SCOPUS
Journal/Book Name	: TEST JOURNAL	Article/Chapter Name	: TEST ARTICLE NAME
Date of Publication	: 2013	Role	: CORRESPONDING AUTHOR
Impact Factor	: 0	Page Number	: 25-35
Usage	: RESEARCH MATERIAL	Level	: INTERNATIONAL
Edition	: -	Volume	: 1
ISSN/MSBN	: -	Issue No.	: 1

4. If no incentive claim application has been made for the publication before, click on Proceed button. If yes, click on No button.

Publication Details | **Attachment** | **Declaration** | **Verification** | **Claim Details**

Claim Amount
Total Claim : RM 200.00

Attachment (UTMFin e-form) ← 5

Payment Application No. [View sample](#)

Description ← 6

File name No file selected. ← 8
Please upload PDF file format only.

Claim Details (PAYMENT APPLICATION NO. Misc Claims Form)
No. Pendaftaran
No. Permohonan Bayaran : MJE10/0012201113050
 Butiran Am Permohonan

List of Attachment

No	Name	Type of Attachment	Description	Action
Record Not Found				
1				

Declaration (APPLICANT DECLARATION)

I hereby declare that all the CLAIM information for this publication are true ← 9

← 10

5. On Claim Details tab, at Attachment section, insert Payment Application No. in the input field. Please click on the View sample link for example.
6. Insert Description in the input field.
7. Click on Browse button and select correct PDF file of UTMFin e-form. Then, click on OK button.
***Please refer Appendix for Example of UTMFin E-Form Attachment.**
8. Click on Upload button.
9. At the Declaration section, tick on the checkbox to agree with the statement.
10. Click on Submit button.

Appendix

Example of UTMFin E-Form Attachment

Tuntutan Bayaran - Lain-lain Saguhati dan Honorarium			
No. Permohonan Bayaran	BT09J090000052014009337	Tarikh Pendaftaran	: 27-05-2014
		Tarikh Tuntutan	: 27-05-2014
Butiran Am Permohonan			
Kategori Pemohon	STAFF		
No Pekerja	[REDACTED]		
Nama	[REDACTED]		
No Kad Pengenalan	[REDACTED]		
No. Pasport	[REDACTED]		
Alamat	[REDACTED]		
Poskod	[REDACTED]		
Bandar	[REDACTED]		
Negeri	[REDACTED]		
Daerah	[REDACTED]		
Fakulti	[REDACTED]		
Gred Jawatan	[REDACTED]		
Nama Jawatan Terkini	[REDACTED]		
Gaji Pokok (RM)	[REDACTED]		
Gred Jawatan Dipangku	[REDACTED]		
Memangku Jawatan	[REDACTED]		
No Tel Pejabat	-		
Email	[REDACTED]		
No Akaun Bank	[REDACTED]		
Nama Bank	[REDACTED]		
No Cukai Pendapatan	[REDACTED]		
Butiran Bajet Kumpulan Wang			
Butiran Bajet Kumpulan Wang	UNIVERSITI PENYELIDIKAN/RESEARCH UNIVERS		
PTJ	J090000		
Sub Projek (jika perlu)	00D22		

INDEXED PUBLICATION

Example of Published Paper

Bioremediation Journal, 18(1):20–27, 2014
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ISSN: 1088-9868 print / 1547-6529 online
DOI: 10.1080/10889868.2013.834868

→ ***Bioremediation Journal*, 18(1):20–27, 2014**
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ISSN: 1088-9868 print / 1547-6529 online
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

1. Volume
2. Issue
3. Page No.
4. Article Title
5. Author's Name
6. UTM Affiliation

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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Huyop, Department of Biotechnology
and Medical Engineering, Faculty of
Biosciences and Medical Engineering,
Universiti Teknologi Malaysia, 81310
Johor Bahru, Malaysia. E-mail:
fzhtum@gmail.com

Color versions of one or more of the
figures in the article can be found
online at www.tandfonline.com/bbrm.

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, Umminirul Mukminin)^[1]; Salleh, MM (Salleh, Madihah Md J)^[1]; Goh, KM (Goh, Kian Mau)^[1]

INDIAN JOURNAL OF BIOTECHNOLOGY
Volume: 13 Issue: 1 Pages: 89-97
Published: JAN 2014
[View Journal Information](#)

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

Author Information

Reprint Address: Goh, KM (reprint author)
+ Univ Teknol Malaysia, Fac Biosci & Med Engr, Fac Biosci & Bioengn, Skudai 81310, Johor Darul Tak, Malaysia.
Addresses:
+ [1] Univ Teknol Malaysia, Fac Biosci & Med Engr, Fac Biosci & Bioengn, Skudai 81310, Johor Darul Tak, Malaysia
E-mail Addresses: gohkianmau@utm.my

Funding

Funding Agency	Grant Number
Universiti Teknologi Malaysia	

[View funding text](#)

Publisher

NATL INST SCIENCE COMMUNICATION-NISCAIR, DR K S KRISHNAN MARG, PUSA CAMPUS,

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Volume 845, 2014, Pages 237-240

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

[View references \(7\)](#)

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.

Reaxys Database Information

|

Author keywords

Bamboo; Cellulose; Fiber; Tensile properties

Indexed keywords

Alkaline solutions; Bamboo fibers; *Bambusa arundinacea*; Cellulose content; Chemical treatments; Fiber diameters; Fiber structures; Strength and stiffness**Engineering controlled terms:** Bamboo; Cellulose; Characterization; Industrial engineering; Industrial research; Tensile properties; Tensile testing; Thermodynamic stability; Thermogravimetric analysis

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Tan, T., F
\(2011\) Ac](#)[Mapping
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Low, I.M.
\(2006\) Jc](#)[View all](#)

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NON-INDEXED PUBLICATION

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Bioremediation Journal, 18(1):20–27, 2014
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ISSN: 1088-9868 print / 1547-6529 online
DOI: 10.1080/10889868.2013.834868

→ ***Bioremediation Journal*, 18(1):20–27, 2014**
Copyright © 2014 Taylor and Francis Group, LLC
ISSN: 1088-9868 print / 1547-6529 online
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

1. Volume
2. Issue
3. Page No.
4. Article Title
5. Author's Name
6. UTM Affiliation

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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Color versions of one or more of the
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online at www.tandfonline.com/bbrm.

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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Vol 3, No 1 (2014)

Table of Contents

Article

A Comparison of flow control devices for variable geometry turboccharger application
Apostolos Pesiridis, Botey/assil, Muhammad Padillah, Ricardo Marthez-Botas
Structural and contact analysis of disc brake assembly during single stop braking event
Behroohe Ali, Abd. Pahim Abu Bakar, Mostefa Bouchetara

PDF
1 - 21
PDF
22 - 31

Technical Note

Electromagnetic compatibility - electrostatic discharge tests for automotive
Tamilarasu S, P. Thirunavukkarasu, N. Sethupathi
Electrostatic discharge risks in electronics used in automotive application
Tamilarasu S, P. Thirunavukkarasu, N. Sethupathi

PDF
32 - 39
PDF
40 - 43

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ISSN: 2146-9067

1. Volume
2. Issue
3. Article Title
4. Page No.

USER
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International Journal of
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e-ISSN : 2302-5743

1. Journal Name
2. Volume
3. Issue
4. ISSN

ijse

Vol. 6	Issue: 2	April 2014	Pages: 81 -180
-----------	-------------	---------------	-------------------



International Journal of Science and Engineering (IJSE)

6(2), April 2014

1. Article Title
2. Page No

Table of Contents

1.	Cover	o
2.	Aims and Scopes, Peer Review Process, Editorial Boards	i
3.	Editorial Boards	ii
4.	Preface	iii
5.	Table of Contents	iv-v
6.	Pitting Corrosion of Ni ₃ (Si,Ti)+4Al Intermetallic Compound at Various Chloride Concentrations. Gadang Priyotomo' Pius Sebleku, Yasuyuki Kaneno.....	81-85
7.	Feasibility study of Using Liquid Gel in Stabilizing Doogh by Hydrocolloids of Psyllium Husk and Guar Gum. Tayebeh Tavakoli Vardanjani, Mohammad Hojjatoleslamy, Mohammad Ali Shariat.....	86-91
8.	Watershed Modeling with ArcSWAT and SUFI2 In Cisadane Catchment Area: Calibration and Validation of River Flow Prediction. Iwan Ridwansyah, Hidayat Pawitan, Naik Sinukaban, Yayat Hidayat	92-101
9.	Prediction of Citizens' Decisions on Transport Mode Choice in Bandung City, Indonesia by Using General Linear Model Given existing Level of Pedestrian Friendly Environment. Ariva Sugandi Permana, Ahmad Nazri Muhamad Ludin, Ranjith - Perera.	102-111
10.	The Nutrient Potency of Palm Oil Plantation and Mill's By-product Processed with Amofer Technology as Ruminant Feed. Hamdi Mayulu.	112-116
11.	Clonal Propagation of Two Clones Eucalyptus Pellita F. Muell By Mini-Cutting. Ellok Dwi Sulichantini, Maman Sutisna, Sukartiningsih Sukartiningsih, Rusdiansyah Rusdiansyah.	117-121
12.	DRYING TIME ESTIMATION OF CARRAGEENAN-EGG WHITE MIXTURE AT TRAY DRYER. Mohamad Djaeni, Aji Prasetyaningrum, Nurul Asiah, Ratnawati Hartono....	122-125
13.	Potency of Mahakam Delta in East Kalimantan, Indonesia. Zairin Zain, Sahala Hutabarat, Slamet Budi Prayitno, Ambaryanto Ambaryanto	126-130
14.	A Study of Local Rice Cultivars from Krayan Grown in Tidal Swam Area. Rusdiansyah, Tjatjuk Subiono.....	131-134
15.	The Stock Potency of Demersal Fish Resource at The Coastal Zone, East Kutai District in East Kalimantan. Juliani Juliani, Iwan Suyatna.....	135-143
16.	Studies on as separation behaviour of polymer blending PI/PES hybrid mixed membrane: Effect of polymer concentration and zeolite loading. Ahmad Fauzi Ismail, Tutuk Djoko Kusworo.....	144-148

OTHERS PUBLICATION - PROCEEDINGS

Example of Proof of Publication

<p><i>Proceedings of the Pakistan Academy of Sciences</i> Copyright © Pakistan Academy of Sciences ISSN: 0377 - 2969 (print), 2306 - 1448 (online)</p>	<p><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)</p>
	<p>Research Article</p>
	<p>Calculation of $\nu g_{(9/2)^+}$ Isomers in ^{65}Ni, ^{67}Zn, ^{69}Ge and ^{71}Se Nuclei</p>
	<p>Nik N.A.M.A. Ghani¹, Imam Hossain^{1,4*}, Mohammad A. Saeed², Newa I. Abdullah³ and Magdy Hussein^{1,5}</p>
<p>1. Proceeding Name 2. Volume 3. Issue 4. Page No. 5. ISSN/ISBN 6. Article Title 7. Author's Name 8. UTM Affiliation</p>	<p>¹Department of Physics, 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</p>
	<p>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.</p> <p>Keywords: Reduced transition probabilities, isomeric levels, hindrance factors, width of isomeric levels</p>
	<p>1. INTRODUCTION</p> <p>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.</p> <p>In odd ^{65}Ni to ^{71}Se nuclei the neutron number is $N=37$, the atomic number is even from $Z=28$</p> <p>to 34. The $M2 (9/2^+ \rightarrow 5/2^-)$ transitions of those nuclei were established due to $\nu g_{(9/2)^+}$ 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 $\pi g_{(9/2)^+}$ configuration raised the possibility to calculate the isomerism of even-odd nuclei $\nu g_{(9/2)^+}$ 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 of 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.</p>
	<p>Received, November 2012; Accepted, October 2013 *Corresponding Author: Imam Hossain; Email: hossain196977@yahoo.com</p>

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Example of Proceeding Table of Content

Contents

Special Session	
Identifying Ships in Lembah Strait based on Pi-SAR L-2 Airborne Campaign [Ariani Andayani and Agustan]	SS-1
Estimating Winter Wheat Yield based on Remote Sensing Data and Growth Model [Li Weiguo]	SS-10
Development and Operation of Tohoku University Micro Satellite Series for Earth Observation Science [Yuji Sakamoto, Toshinori Kuwahara, and Kazuya Yoshida]	SS-16

1. Article Title
2. Page No.

...s for Agricultural Monitoring [Christopher D. Elvidge, Kimberly Baugh, Feng-Zhizhin]	WS-1
The Integration Of Bim And Gis For Indoor And Outdoor Combined Route PLANNING [Kuan-Hsun Cho, Tee-Ann Teo]	WS-7
Point Cloud Clustering Using A Panoramic Layered Range Image [Masafumi Nakagawa, Kounosuke Kataoka, Shouta Ouma]	WS-16
Point Cloud Registra Tion For Indoor Mapping Using Time-Of-Flight Camera [Kenta OCHIAI, Masafumi NAKAGAWA]	WS-24
Augmented Reality Applications In The World Heritage Iwami Ginzan Silver Mine [Keisuke Kimoto, Shozo Nishimura, Shunsuke Aoki]	WS-30
Urban And Suburb Change Detection Using Multitemporal Polarimetric Sar Images [Bhogendra Mishra, Junichi Susaki]	WS-34
Enhancing Quality Of Global Dem For Geomorphological Analysis - Case Study In Danang City, Vietnam [An T. Tran, Venkatesh Raghavan, Go Yonezawa, Susumu Nonogaki, Shinji Masumoto]	WS-42
Comparison Of Estimated Transplanting Dates Derived From Modis Data And Cosmo-Skymed Data [Yuta Yamashita, Masayasu Maki, Koki Homma, Kazuo Oki, Hiroaki Shirakawa, Yunqing Li]	WS-50
Ubiquitous Gis Based Indoor Billboard Advertizing [Abolghasem Sadeghi-Niaraki, Bahman Jamali, Reza Arasteh]	WS-58
Japan's Activities for Asia-RICE and Japanese Earth Observation Satellites [Kei Oyoshi and Shinichi Sobue]	WS-66
Ground-Based Sky Conditions Observation For Light Environmental Modelling [Megumi Yamashita, Mitsunori Yoshimura]	WS-68
Deriving Regional Crown Closure Using Spectral Mixture Analysis Based On Up-Scaling Endmember Extraction Approach [Chunxiang CAO, Haijing TIAN, Zaichun ZHU, Xiliang NI, Yunfei XU, Min XU, Xiaowen LI, Haibing XIANG]	WS-74
Extracting Forest Area From Multi-Resolution Remote Sensing Images [Haibing XIANG, Xuejun WANG, Chunxiang CAO, Sheng ZHENG, Cheng LIU, Haijing TIAN, Rong TIAN, Di LIU, Mengya WANG, Yongfeng DANG, Shilei LU]	WS-90
Remote Sensing And Gis Approaches Toward Sustainable management Of Marine Aquaculture In Indonesia [Nyoman Radiarta]	WS-104
Rice Crop Monitoring in The Mekong Delta, Vietnam Using Radar Remote Sensing Data [Nguyen Lam-Dao, Thuy Le-Toan and Phung Hoang-Phi]	WS-112
Assessment of Drought Impact on Rice Production in Indonesia by Satellite Remote Sensing and Dissemination with Web-GIS [Rizatus Shofiyati, Wataru Takeuchi, Soni Darmawan, and Parwati Sofan]	WS-120
Asian Rice Crop Monitoring for GEO-GLAM [Shinichi Sobue, Kei Oyoshi, Yutaka Kaneko, Tsugito	WS-129

Example of Others – Presentation Schedule

Technical Programme

Session	WeA1 — Control Session
Date/Time	Wednesday, 19 June 2013 / 10:20 – 12:00
Venne	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>

- WeA1.1 10:20 – 10:40 P4022
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
 Huang Pei Choo, Shafishuhaza Sahlan, 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
Venne	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
Experiment and Modeling on Heat Power of Permanent-Magnet Synchronous Motor
 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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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

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Applications (ISWTA)**

ISWTA2013

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i

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ASIA

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会場 **Bangkok, Thailand**
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KEYNOTE SPEECH Kengo Kuma: "Globalism and Regionalism in Architecture"
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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SENTIASA
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2. Artikel Title
3. Author's Name
4. Date
5. UTM Affiliation



TERKINI

10:59am Ops Titik: Penyelewengan 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

First-Past-The-Post: Sudah tidak relevan?

DR MUHAMMAD FATHI YUSOF
23 Februari 2014

5 PILIHAN EDITOR

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
- 5 Keluarga Syiah Bohra kena serbu

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



Mana mayat mangsa nahas MH17?

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

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



Sina' Ramadan: Manisnya sebuah hidayah

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.



Puluhan anak kecil jadi mangsa kezaliman rejim

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.



Sina' Ramadan: Kelesihan Berpuasa

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



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

Ada kelebihan

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
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RENCANA

Warita dan persiapan raya

Jadilah wanita yang menyenangkan

Ramadan didik kesabaran hindari pertalahan

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

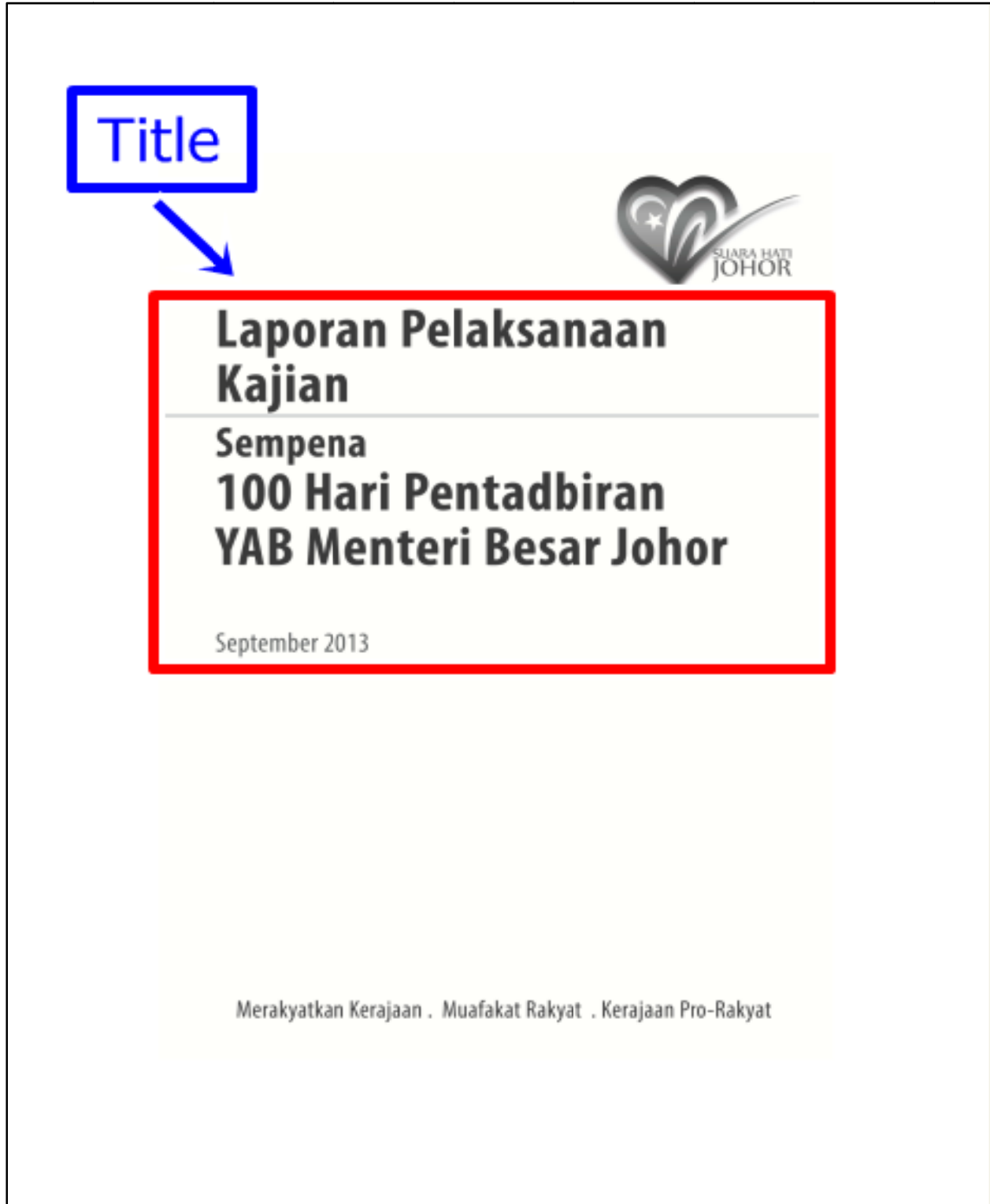
Di manakah kita akan berakhir...

Dua jalan terbentang di hadapan...

Puasa hari ke-3, ada masalah?

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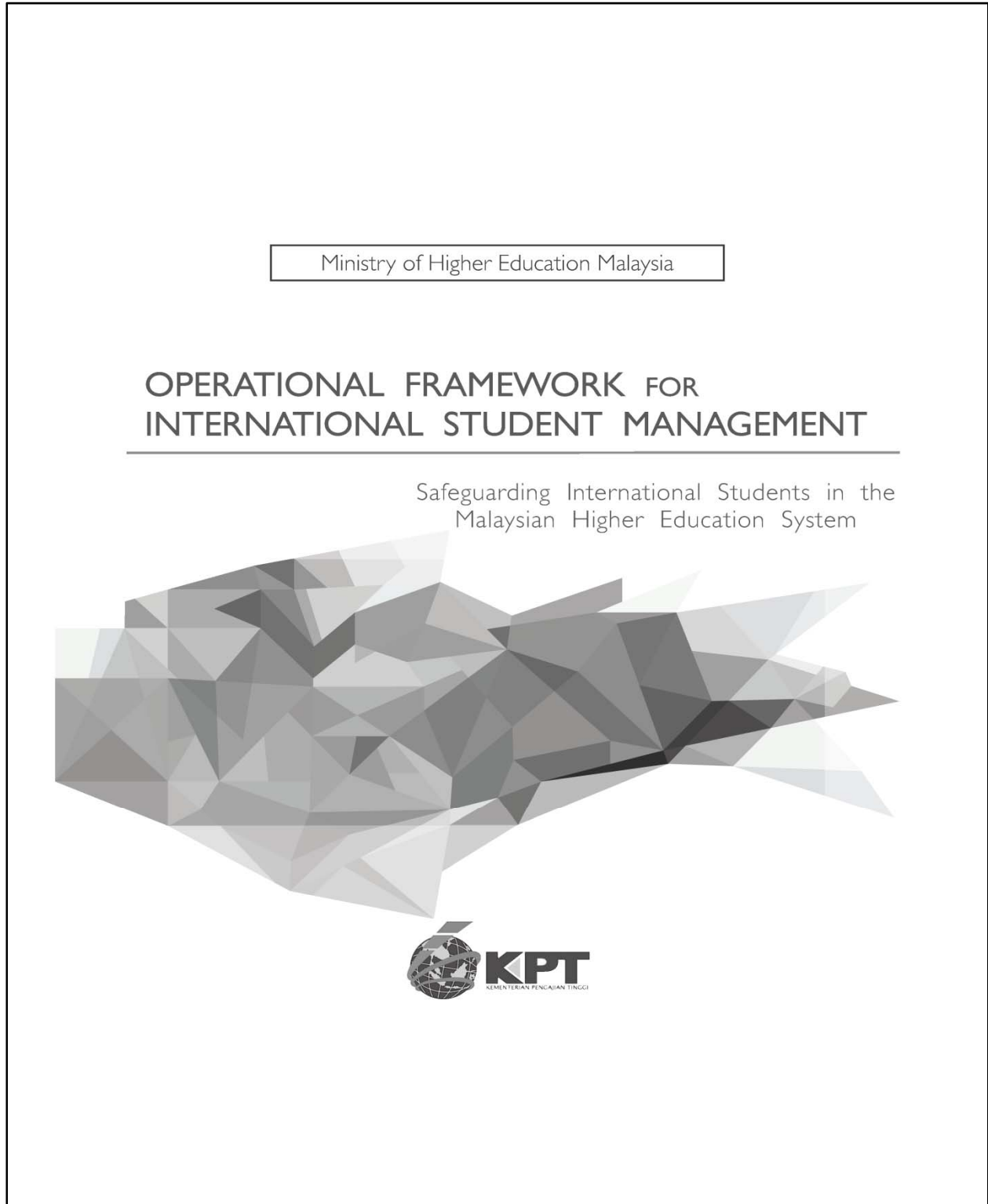
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9