

JABATAN PENYELIDIKAN & INOVASI
FORMAT PENYEDIAAN
LAPORAN AKHIR UNTUK PROJEK PENYELIDIKAN JANGKA PENDEK UMP
(1ST OPTION)

1. Format Tesis

- Halaman Judul
 - Halaman dedikasi/penghargaan
 - Abstract (English)
 - Abstrak (Bahasa Malaysia)
 - Halaman Kandungan
 - Halaman Senarai Judul
 - Halaman Senarai Rajah
 - Halaman Senarai Simbol/Singkatan/Tatanama/Istilah
 - Halaman Senarai Lampiran
 - Bab 1 Pengenalan
 - Bab 2 Kajian Literature
 - Bab 3 Methodology
 - Bab 4 Data & Perbincangan
 - Bab 5 Kesimpulan & Cadangan
 - Rujukan
 - Lampiran: penerbitan jurnal, proceedings, IP, produk etc
2. Melengkapkan **LAPORAN PRESTASI SKIM GERAN UMP**
3. Sertakan bukti outcome yang telah dihasilkan bersama-sama laporan lengkap contoh: penerbitan jurnal, proceedings, IP, produk dan sebagainya.
4. Hantar **1 salinan hardcopy** ke PNI (tidak perlu binding)
5. Hantar **1 salinan softcopy .PDF** laporan akhir (dalam bentuk CD 1 sahaja)
- 5.1 Panduan Penyediaan Softcopy Laporan Akhir
Laporan hendaklah disimpan dalam 1 fail
Fail mesti dalam format PDF.
- 5.2 Panduan Penamaan Softcopy Laporan Akhir
Penamaan fail adalah seperti berikut:
No.KodProjek <space>NamaKetuaProjek<space>Fakulti<space>Status<space>Tahun.pdf
Contoh : RDU150310 Mohd Ali bin Ismail FKM 2015
6. Upload di atas talian borang **LAPORAN PRESTASI SKIM GERAN UMP & laporan akhir penuh serta lampiran outcome dalam Sistem R&D. Panduan upload dalam LAMPIRAN 1**
7. Warna kulit depan :
- a. UMP Research Grant – PUTIH

R&D FINAL REPORT
JABATAN PENYELIDIKAN & INOVASI
UNIVERSITI MALAYSIA PAHANG
(2ND OPTION)

1. Format Kertas Kerja

- Halaman Judul
- Halaman dedikasi/penghargaan
- Abstrak B. Inggeris
- Abstrak B. Malaysia
- Halaman Kandungan
- Halaman Senarai Judul
- Halaman Senarai Rajah
- Halaman Senarai Simbol/Singkatan/Tatanama/Istilah
- Halaman Senarai Lampiran
- Bab 1
 - Pengenalan
 - General Problem Statement or State of the Art*
 - Objektif dan Skop Kajian
- Bab 2 (related technical paper published – results of project : format as paper published)
 - Tajuk
 - Abstrak
 - Pengenalan
 - Experimental*
 - Hasil & Perbincangan
 - Kesimpulan
- Bab 3 (related technical paper published – results of project : format as paper published)
- Bab 4 (related technical paper published – results of project : format as paper published)
- Kesimpulan
 - Kesimpulan Umum
 - Cadangan
- Rujukan
- Lampiran

2. Melengkapkan borang **LAPORAN PRESTASI SKIM GERAN UMP**

3. Sertakan bukti outcome yang telah dihasilkan bersama-sama laporan lengkap contoh: penerbitan jurnal, proceedings, IP, produk dan sebagainya.

4. Hantar **1 salinan hardcopy** ke PNI (tidak perlu binding)
5. Hantar **1 salinan softcopy .PDF** laporan akhir (dalam bentuk CD 1 *sahaja*)
 - 3.1 Panduan Penyediaan Softcopy Laporan Akhir
Laporan hendaklah disimpan dalam 1 fail
Fail mesti dalam format PDF.
 - 3.2 Panduan Penamaan Softcopy Laporan Akhir
Penamaan fail adalah seperti berikut:
No.KodProjek <space>NamaKetuaProjek<space>Fakulti<space>Status<space>Tahun.pdf
Contoh : RDU1500310 Mohd Ali bin Ismail FKM 2015
6. Upload di atas talian borang **LAPORAN PRESTASI SKIM GERAN UMP & laporan akhir penuh serta lampiran outcome dalam Sistem R&D. Panduan upload dalam LAMPIRAN 1**
7. Warna kulit depan :
 - b. UMP Research Grant – PUTIH

GUIDELINES FOR PREPARING PROJECT ABSTRACTS

Abstract must reflect the research contribution to the new knowledge and technology or be of immediate interest to the target group. In addition, information or data in the abstract must be correct.

Content:

1. DESCRIPTION OF PROJECT

- Outline the scope, objective and nature of the project (e.g field data, lab data, computer modeling, etc.)

2. APPLICATIONS

- Describe the possible applications of the information / data provided by the project.

3. RESULTS, OBSERVATION AND CONCLUSIONS

- Summarize the results and major conclusions and state how these differ from previous work or project on the same subject. State whether new information / data will be revealed and whether data have obtained from field, lab. or computer work.

4. KNOWLEDGE OR TECHNOLOGY CONTRIBUTIONS

- Describes the significance of the subject matter in the project by listing the contributions to the technological data base of the industry/nation.

LENGTH: 200 – 300 words in Times New Roman 12 font.

EXAMPLE FORMAT OF ABSTRACT

STUDY ON WELLBORE INSTABILITY AND SAND PRODUCTION PROBLEM IN MALAYSIAN OIL AND GAS WELL

(Keywords: Wellbore stability, sand production, shot density, perforation pattern)

Wellbore instability analysis based on an intact wellbore walls can be too conservative because failed or fractured zones around the wellbore relief stress and gives support. Wellbore breakout analysis indicates that most drilled well experience deformation beyond the rapture stage which is acceptable for drilling process. Reversibly, production process could be critical under this circumstances which fracture and failure of the rock could caused wellbore collapse due to overloading sand production. Sand production is a common problem encountered while wells are being produced in unconsolidated or poorly consolidated formations. It happened when in – situ rock strength is reduced by poor completion and production practices. Many studies have been carried out on sand production but very few have been published on sand production with regard to wellbore instability.

Therefore, this research has put a core situation in studying the wellbore instability and its relationship with sand production. The basic mechanical properties for sandstone used in wellbore model has been determined. Then a scaled down wellbore models with different borehole angle, shot density, perforation pattern, geometry, size, height and diameter prepared for stability test. Sandstone wellbore models were then tested under Servo Controller Compression Machine. Block, 6” cylindrical and 2” cylindrical wellbore model tested triaxially. The borehole angle has been varied from 0°, 10°, 20° and 30°, and the shot density varied from 6 SPF, 8 SPF and 16 SPF. All models then perforated with spiral, inplane and inline pattern.

In general it was found that all wellbore model may fail and sand particles were produced. The wellbore stability decrease as the borehole angle increase, shot density increases and perforation pattern changing from spiral to inplane and inline. Higher h/D ratio gives higher stability and the geometry/shape has no effects on wellbore instability studies whereas the size has small effect on the wellbore instability. Sand particles produced increases with the wellbore stability decreases.

Key researchers :

E-mail : *(Project Leader)*

Tel. No. :

Vote No. :

CONTOH FORMAT HALAMAN JUDUL (HADAPAN)

Maklumat yang perlu ada :

- a) Judul lengkap penyelidikan
- b) Nama penuh penyelidik seperti dalam kad pengenalan atau pasport antarabangsa (huruf besar)
- c) No. Vot projek
- d) Nama Fakulti/Institut/Pusat/Jabatan tempat penyelidik berdaftar (Awalan abjad pada setiap perkataan adalah besar)
- e) Nama Universiti (Awalan abjad pada setiap perkataan adalah besar)
- f) Tahun diserahkan

	RDU 150310
<i>Judul lengkap penyelidikan</i>	A NEURAL NETWORK APPROACH FOR STOCK MARKET INDEX PREDICTION
<i>Nama penuh penyelidik</i>	MOHAMAD ALI BIN ISMAIL SAN WOON SHANG
<i>Nama Fakulti/Institut/ Pusat/Jabatan</i>	RESEARCH VOTE NO: RDU150310
<i>Tahun diserahkan</i>	Fakulti Kej. Mekanikal Universiti Malaysia Pahang
	2015

ACADEMIC STAFF MENU FOR INTEGRATED RESEARCH & INNOVATION MANAGEMENT SYSTEMS (IRIMS):

1. ECOMM STAFF>RESEARCH MANAGEMENT>PERSONAL

The screenshot displays the IRIMS web application interface. At the top, the browser address bar shows the URL: <https://community.ump.edu.my/ecommstaff/rndmgmt.jsp>. The page header includes the title "RESEARCH MANAGEMENT SYSTEM" and the department name "Jabatan Penyelidikan & Inovasi".

The main content area features a navigation menu with the following items:

- Online Research Grant Application System
- Research Management
 - PERSONAL
 - SUPER ADMIN
 - ADMIN / DEPUTY DEAN
 - ADMIN FACULTY
 - ADMINISTRATOR
- Conference / Journal Management
- Exhibition Management
- Commercialization Management
- Intellectual Property Management
- GRS Management
- System Admin

On the left side, there is a sidebar menu with categories such as MAIN MENU, EXECUTIVE APPROVAL, GENERAL MANAGEMENT, STAFF MANAGEMENT, STUDENT MANAGEMENT, FINANCIAL MANAGEMENT, RESEARCH MANAGEMENT, SECURITY MANAGEMENT, TRAINING MANAGEMENT, GREEN CAMPUS MANAGEMENT, and MOBILE INTEGRATED. Below this is a QUICK LINKS section with icons for MEMO, EMAIL, FILES BANK, and KALAM. A calendar for January 2017 is also visible in the top left corner.

2. RESEARCH MANAGEMENT SYSTEM>CHOOSE YOUR GRANT RDU NO.>DOWNLOAD>CHOOSE FILE CATEGORY>PROGRESS REPORT / FINAL REPORT

Malaysia PAHANG
Engineering • Technology • Creativity

Sistem Maklumat Penyelidikan Universiti
UNIVERSITI MALAYSIA PAHANG
Jabatan Penyelidikan & Inovasi

Welcome
MIMI SAKINAH BT ABDUL MUNAIM
RDU110368

Research Summary
Research Type, FOR & SEO Update
Research Team
Research Payment Details
Research Output
Download
Research Application
Final Report

UPLOAD FINAL PROGRESS REPORT

Research Project Details

Project ID	RDU110368
Project Title	OPTIMIZATION OF SUBSTRATE PRETREATMENT FOR ENHANCING SORBITOL PRODUCTION FROM SAWDUST
Project Leader / PI	DR. MIMI SAKINAH BT ABDUL MUNAIM
Project Category	Sains Tulen (Pure Science)
Project Status	Tamat
Project Duration	Start Date : 01/09/2011 End Date : 31/01/2013 Extension Date : -

Upload Final / Progress Report

Pilih fail untuk dimuatnaik / *Select a file to upload* :

No file chosen

File Category : PROGRESS REPORT FINAL REPORT

NOTE: Supported document format :

List Of Upload Files

1.	PROGRESS_FINAL_REPORT_UMP_GRANT (1).doc	PROGRESS	04-Dec-2016		
----	---	----------	-------------	--	--

Instructions:

- Please Fill up Research Report (Final/Progress) forms for UMP Grant (can be download from Research Website (PNI) and upload here
- Download Research Final thesis
- Also download all supporting documents
- Please rename your file properly for future