

# PANDUAN

## REPOSITORY BKD

V03.250820



# REPOSITORY

UNIVERSITAS MUHAMMADIYAH JAKARTA

pada <http://repository.umj.ac.id/>

UNIVERSITAS MUHAMMADIYAH JAKARTA

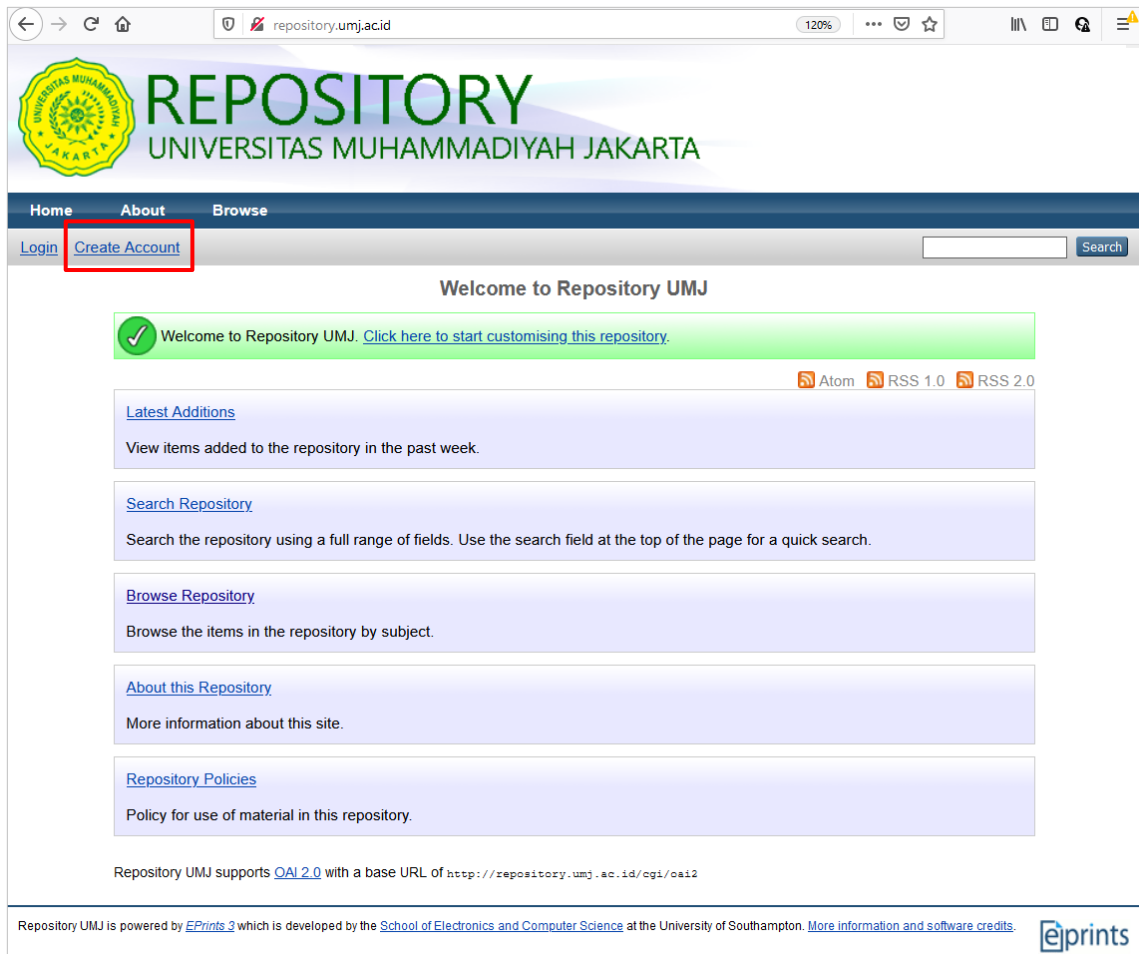
2020

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## A. PENDAFTARAN AKUN

1. Kunjungi <http://repository.umj.ac.id>
2. Klik **Create Account**



The screenshot shows the homepage of the Repository UMJ. At the top, there is a navigation bar with 'Home', 'About', and 'Browse' links. Below this, there are 'Login' and 'Create Account' links, with 'Create Account' highlighted by a red box. The main content area features a 'Welcome to Repository UMJ' message, a search bar, and several informational boxes: 'Latest Additions', 'Search Repository', 'Browse Repository', 'About this Repository', and 'Repository Policies'. The footer contains information about the repository's support for OAI 2.0 and its development by EPrints 3.

3. Isi data nama, email (email @umj.ac.id), username (NIDN) dan password, kemudian klik **Register**.

### Create Account

In order to access some areas of the repository, you'll need a *user registration*. No charge is made for registering with us or using any of our services.

This page lets you register with Repository UMJ. This will allow you to save searches, receive alerts and deposit items.

**Only email address with @umj.ac.id domain is allowed**

**Only ID Number as username will be approved, e.g.: NIDN / NIK / NIM**

A confirmation email will be sent to you. You need to activate your account using the link in the email.

If you have already registered but have forgotten your username or password, [click here](#) to set a new password.

<b>Name:</b>	<input type="text"/>	<b>Title</b>	<input type="text"/>	<b>Given Name / Initials</b>	<input type="text"/>	<b>Family Name</b>	<input type="text"/>
<b>Email address:</b>	<input type="text" value="irfan.purnawan@umj.ac.id"/>						
<b>Username:</b>	<input type="text" value="0313067902"/>						
<b>Password:</b>	<input type="password" value="••••••••"/>						

Bagi Bapak/Ibu Dosen yang belum memiliki akun email umj atau lupa password, bisa menghubungi:

- FISIP: Danang (0878-3990-4590)
- FEB: Pahrudin (0812-9230-2646)
- FT: Sofyan (0896-3644-0851)  
Halim (0821-9356-5868)
- FKK: Agung (0856-1892-608)
- PUSKOM UMJ: Pijar (0838-7573-2317)  
Wawan (0856-7429-997)


#### 4. Pendaftaran akun berhasil

## Create Account


You have registered with username **0313067902**.

This registration *will not* be activated until you visit the confirmation URL which has been emailed to [irfan.purnawan@umj.ac.id](mailto:irfan.purnawan@umj.ac.id)

#### 5. Cek email @umj.ac.id untuk mengaktivasi akun dengan mengunjungi gmail.com.




Hi IRFAN

 irfan.purnawan@umj.ac.id ▼

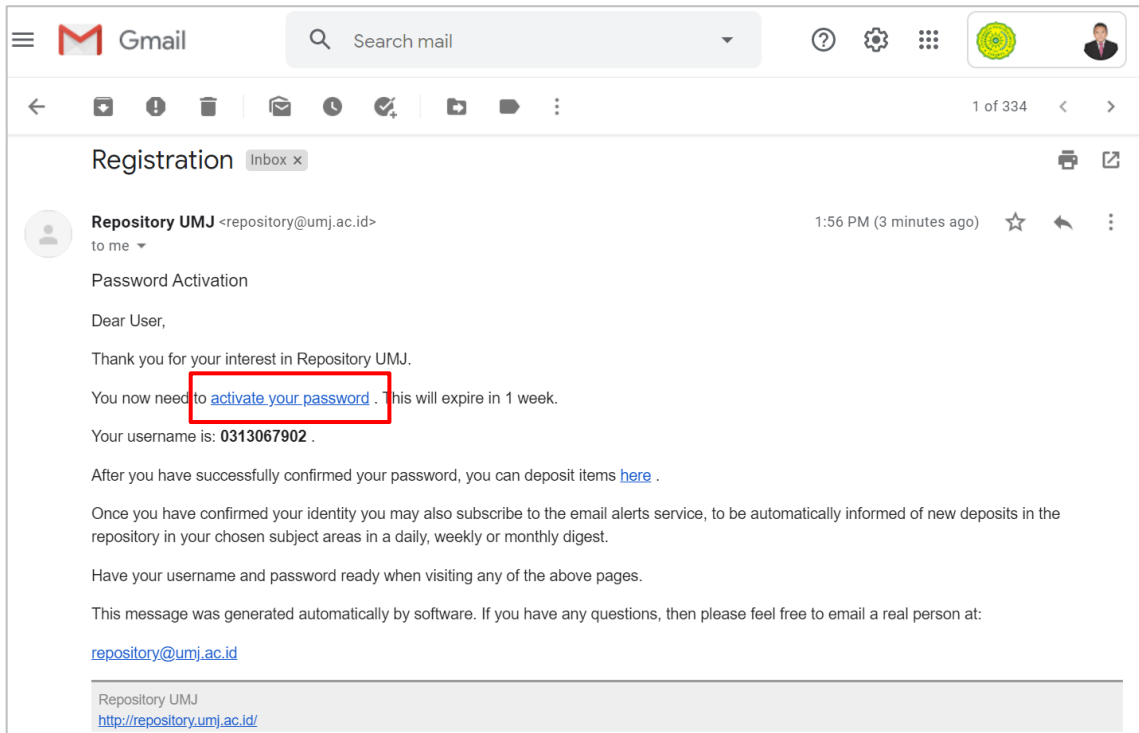
To continue, first verify it's you

Enter your password

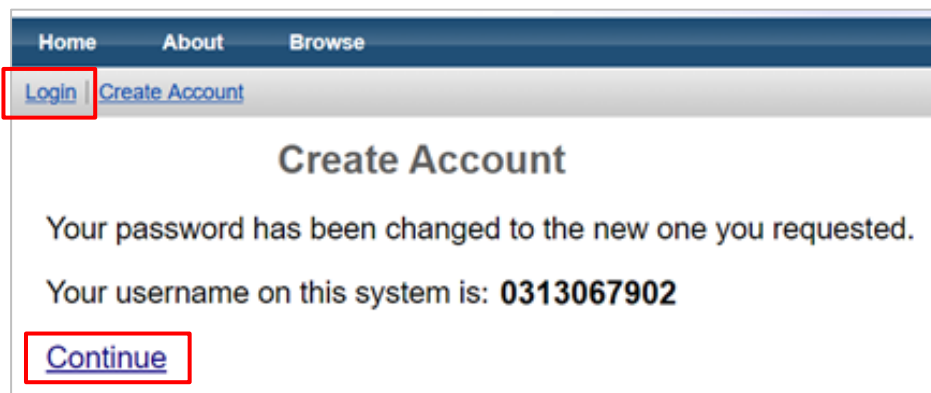
 

[Forgot password?](#) Next

6. Klik **activate your password** untuk mengaktifasi akun repository.



7. Akun repository sudah aktif. Klik **Continue** atau **Login** untuk masuk ke dalam repository.



## B. MASUK KE REPOSITORY DAN MEMPERBAHARUI PROFILE

1. Masukkan username NIDN/NIDK dan password sesuai dengan yang dibuat pada Langkah A.3, kemudian klik **Login**.



2. Klik **Profil**, kemudian klik **Edit** untuk memperbaharui data yang kurang/salah.

Home About Browse

Manage deposits | Logged in as Irfan Purnawan | **Profile** | Saved searches | Logout

Users - Irfan Purnawan  
<http://repository.umj.ac.id/id/user/4>

Edit

Details User History

Profile **Edit**

**Email address:** [irfan.purnawan@umj.ac.id](mailto:irfan.purnawan@umj.ac.id)

**Name:** Irfan Purnawan

**Hide Email:** Yes

**Unspecified fields:** [Department](#), [Organisation](#), [Address](#), [Country](#), [Homepage URL](#)

Other defined fields

**User ID Number:** 4

**Revision:** 1

**Username:** 0313067902

**User Type:** User

**User Registration Date:** 18 August 2020 06:56:17 UTC

**Frequency of items under-review mailings:** Never

**Mail Empty Results:** No

**Manage deposits Fields:** Last Modified, Title, Item Type, Item Status

3. Perbaharui data yang kurang/salah, kemudian klik **Save and Return**.

Account Details

**Email address:**

**Hide Email:**  Make email visible to all.  
 Hide email to all except repository administrators.  
 UNSPECIFIED

**Password:**

Personal Details

**Name:**

**Department:**

**Organisation:**

**Address:**

**Country:**

**Homepage URL:**

Cancel **Save and Return**

## C. MENAMBAHKAN DOKUMEN/BERKAS KE REPOSITORY

Untuk pelaporan BKD, ada 2 jenis berkas lampiran yang akan diunggah, yaitu:

1. Berkas yang bersifat **hasil karya Dosen**, seperti: artikel ilmiah, hasil penelitian, buku, monograf, bahan ajar, patent dan lain-lain. Pada isian BKD online, secara umum dibutuhkan untuk isian Bidang B.
2. Berkas yang bersifat **administratif**, seperti: presensi mahasiswa, BAP, daftar nilai dan lain-lain. Pada isian BKD online, secara umum dibutuhkan untuk sebagian isian Bidang A.

**TIPS:** Cobalah untuk mengisi BKD online terlebih dahulu dan catat berkas yang dibutuhkan untuk diunggah ke repository. Tidak semua berkas harus diunggah ke repository. Untuk Bidang C, D, sebagian Bidang A dan B, berkas bisa langsung diunggah di sistem BKD online. Setelah mendata dan menyiapkan semua berkas digital, unggah ke repository bisa dilakukan 1x untuk berkas Bidang A (pengajaran). Bidang B harus diunggah satu per satu karena terkait publikasi, plagiarism dan lain-lain. Sebagai contoh bisa didata seperti berikut:

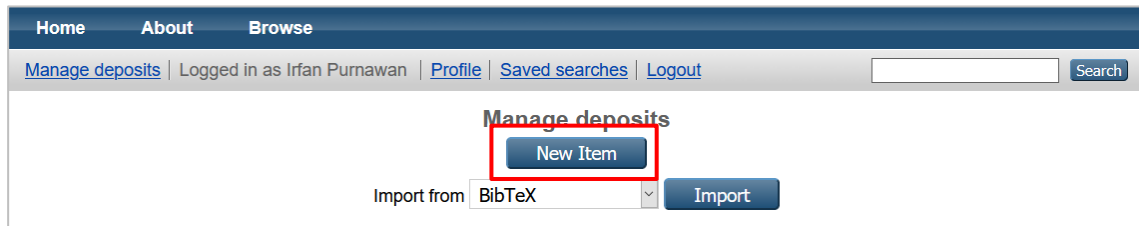
Berkas yang diunggah di BKD online (untuk isian Persyaratan, Bidang C, D, sebagian Bidang A dan B)	Berkas yang diunggah di repository (untuk isian Bidang B dan sebagian Bidang A)
<p>Persyaratan:</p> <ul style="list-style-type: none"> <li>✓ Sertifikat Pendidik</li> <li>✓ SK Jabatan Fungsional Akademik</li> <li>✓ SK Golongan/Inpasing</li> <li>✓ NPWP</li> <li>✓ Buku Rekening</li> <li>✓ KTP</li> </ul> <p>Bidang C, D, sebagian Bidang A dan B:</p> <ul style="list-style-type: none"> <li>✓ Surat Tugas / SK Bukti Penugasan</li> <li>✓ Bukti Dokumen, dapat berupa: <ul style="list-style-type: none"> <li>- Laporan Hasil Kegiatan</li> <li>- Materi yang disampaikan</li> <li>- Sertifikat</li> <li>- Kartu Anggota</li> </ul> </li> <li>✓ Ijazah</li> <li>✓ Transkrip nilai</li> <li>✓ Sertifikat Pelatihan / Kompetensi</li> <li>✓ Surat Tugas Mengajar</li> <li>✓ Surat Tugas / Kontrak Penelitian</li> <li>✓ Dan lain-lain</li> </ul>	<p>Bidang B:</p> <ul style="list-style-type: none"> <li>✓ Buku (referensi)</li> <li>✓ Monograf</li> <li>✓ Artikel ilmiah (jurnal, prosiding)</li> <li>✓ Hasil penelitian yang diseminarkan (termasuk poster)</li> <li>✓ Karya di koran / majalah / umum</li> <li>✓ Karya / kerjasama industri yang tidak dipublikasikan</li> <li>✓ Hasil terjemah / sadur / sunting buku ilmiah yang diterbitkan</li> <li>✓ Patent, HKI</li> <li>✓ Dan lain-lain</li> </ul> <p>Bidang A:</p> <ul style="list-style-type: none"> <li>✓ Presensi Mahasiswa, BAP, Daftar Nilai</li> </ul>

### Catatan:

- **JANGAN** mengunggah karya yang akan dipublikasikan pada jurnal/prosiding untuk menghindari kesamaan (*similarity*) saat pengecekan *plagiarism* oleh jurnal/prosiding tersebut.
- Karya yang **sudah dipublikasikan**, unggah link url saja di repository (tidak perlu unggah file).
- Unggah **HAKI** di repository, **jangan** pilih **Type Patent**, pilih **Type** yang sesuai dengan yang di-HAKI-kan. Apakah itu artikel, buku, monograf dsb. Di *flow Details* bisa diberikan Title / judul HAKI, nomor registrasi dimasukkan pada *Identification Number* dan isi info lain yang mendukung.

## C.1. BERKAS HASIL KARYA DOSEN

1. Login ke repository.
2. Klik **New Item** untuk mengunggah berkas ke repository.



3. Ada 5 tahapan alur (**workflow**) yang harus diikuti untuk mendepositkan file, yaitu **Type**, **Upload**, **Details**, **Subjects** dan **Deposit**.

**Tahap (1)** pilih jenis **Type**. Ada beberapa jenis **Type** yang bisa dipilih sesuai dengan jenis berkas yang akan diunggah, kemudian klik **Next**.

- **Article**: Artikel di jurnal, majalah, surat kabar. Tidak harus artikel *peer-reviewed*. Dapat berupa media elektronik saja, seperti jurnal online atau situs berita.
- **Book Section**: Sebuah bab atau bagian dalam sebuah buku.
- **Monograph**: Bisa berupa laporan teknis, laporan proyek, dokumentasi, manual, kertas kerja atau kertas diskusi.
- **Conference or Workshop Item**. Makalah, poster, pidato, ceramah atau presentasi yang diberikan pada konferensi, lokakarya, atau acara lainnya. Jika item konferensi telah diterbitkan dalam jurnal atau buku, sebaiknya gunakan tipe "**Book Section**" atau "**Article**".
- **Book**. Sebuah buku atau volume konferensi.
- **Thesis**. Tesis atau disertasi, termasuk skripsi.
- **Patent**. Paten yang diterbitkan. Jangan memasukkan paten yang belum dipublikasikan.
- **Artefact**. Artefak atau produk karya seniman.
- **Show/Exhibition**. Pameran artis atau berkas situs khusus berbasis performa.
- **Composition**. Komposisi musik.
- **Performance**. Pertunjukan acara musik.
- **Image**. Foto digital atau gambar visual.
- **Video**. Video digital.
- **Audio**. Rekaman suara.
- **Dataset**. Kumpulan data kuantitatif yang dibatasi (misalnya spreadsheet atau file data XML).
- **Experiment**. Data eksperimen dengan analisis menengah dan hasil ringkasan.
- **Teaching Resource**. Catatan kuliah, latihan, makalah ujian atau silabus kursus.
- **Lampiran BKD**. Berkas administratif untuk lampiran BKD (Presensi Mahasiswa, BAP, Daftar Nilai, dan lain-lain).
- **Other**. Hal lain yang tidak tercakup oleh kategori lain.



Home About Browse

Manage deposits | Logged in as Irfan Purnawan | Profile | Saved searches | Logout

Search

Edit item: [Article #98](#)

Type → Upload → Details → Subjects → Deposit

Save and Return Cancel Next >

**Tahapan alur (workflow)**

Item Type <sup>1</sup>

- Article**  
An article in a journal, magazine, newspaper. Not necessarily peer-reviewed. May be an electronic-only medium, such as an online journal or news website. / Artikel di jurnal, majalah, surat kabar. Tidak harus artikel *peer-reviewed*. Dapat berupa media elektronik saja, seperti jurnal online atau situs berita.
- Book Section**  
A chapter or section in a book. / Sebuah bab atau bagian dalam sebuah buku.
- Monograph**  
A monograph. This may be a technical report, project report, documentation, manual, working paper or discussion paper. / Bisa berupa laporan teknis, laporan proyek, dokumentasi, manual, kertas kerja atau kertas diskusi.
- Conference or Workshop Item**  
A paper, poster, speech, lecture or presentation given at a conference, workshop or other event. If the conference item has been published in a journal or book then please use "Book Section" or "Article" instead. / Makalah, poster, pidato, ceramah atau presentasi yang diberikan pada konferensi, lokakarya, atau acara lainnya. Jika item konferensi telah diterbitkan dalam jurnal atau buku, sebaiknya gunakan tipe *Book Section* atau *Article*.
- Book**  
A book or a conference volume. / Sebuah buku atau volume konferensi.
- Thesis**  
A thesis or dissertation. / Tesis atau disertasi, termasuk skripsi.
- Patent**  
A published patent. Do *not* include as yet unpublished patent applications. / Paten yang diterbitkan. Jangan memasukkan paten yang belum dipublikasikan.
- Artefact**  
An artist's artefact or work product. / Artefak atau produk karya seniman.
- Show/Exhibition**  
An artist's exhibition or site specific performance-based deposit. / Pameran artis atau berkas situs khusus berbasis performa.
- Composition**  
A musical composition. / Komposisi musik.
- Performance**  
Performance of a musical event. / Pertunjukan acara musik.
- Image**  
A digital photograph or visual image. / Foto digital atau gambar visual.
- Video**  
A digital video. / Video digital.
- Audio**  
A sound recording. / Rekaman suara.
- Dataset**  
A bounded collection of quantitative data (e.g. spreadsheet or XML data file). / Kumpulan data kuantitatif yang dibatasi (misalnya spreadsheet atau file data XML).
- Experiment**  
Experimental data with intermediate analyses and summary results. / Data eksperimen dengan analisis menengah dan hasil ringkasan.
- Teaching Resource**  
Lecture notes, exercises, exam papers or course syllabuses. / Catatan kuliah, latihan, makalah ujian atau silabus kursus.
- Lampiran BKD**  
Berkas administratif untuk lampiran BKD (Presensi Mahasiswa, BAP, Daftar Nilai, dan lain-lain)
- Other**  
Something within the scope of the repository, but not covered by the other categories. / Hal lain di dalam lingkup repositori, tetapi tidak tercakup oleh kategori lain.

Save and Return Cancel Next > <sup>2</sup>

#### 4. Tahap (2) Upload / unggah file atau link from URL.

- Pilih unggah **File**, kemudian pilih **Browse** untuk mencari dan mengunggah file.
- Klik **Show Option** dan isi opsi yang ada sesuai dengan kondisi artikel
  - ✓ Untuk **Content**, silahkan pilih apakah artikel adalah versi draft, terkirim, diterima, diterbitkan, diperbaharui, material penunjang, presentasi, gambar sampul/cover, metadata tambahan, bibliografi atau lainnya.
  - ✓ Untuk **Language**, disesuaikan dengan bahasa yang digunakan oleh artikel.
- Kemudian klik **Update Metadata** dan klik **Next**.

1

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#### Catatan:

- Unggah file dilakukan untuk berkas yang tidak akan dipublikasikan pada jurnal/prosiding atau media online lain, hanya untuk disimpan di perpustakaan UMJ.

Jika artikel/karya sudah diterbitkan oleh penerbit yang bereputasi dan bisa diakses secara *online*, gunakan pilihan unggah **From URL**.

- Pilih unggah **From URL**, salin (*copy*) dan tempel (*paste*) pada kotak **Capture from URL**, kemudian klik **Upload**.
- Klik **Show Option** dan isi opsi yang ada sesuai dengan kondisi artikel
  - ✓ Untuk **Content**, silahkan pilih apakah artikel adalah versi draft, terkirim, diterima, diterbitkan, diperbaharui, material penunjang, presentasi, gambar sampul/cover, metadata tambahan, bibliografi atau lainnya.
  - ✓ Untuk **Language**, disesuaikan dengan bahasa yang digunakan oleh artikel.
- Kemudian klik **Update Metadata** dan klik **Next**.

1

2

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5. **Tahap (3) Details**, input data yang dibutuhkan seperti judul artikel, abstrak, penulis dan lain-lain. Untuk yang bertanda bintang, data wajib diisi. Bagian **Divisions** dihimbau untuk diisi agar dokumen repository UMJ tertata dengan baik, kemudian klik **Next**.

Edit item: [Article #98](#)

Type → Upload → **Details** → Subjects → Deposit

< Previous   Save and Return   Cancel   Next >

---

**Title** ?

Combined Process of Ozonation and Membrane Processes to treat Wastewater from Batik Industry 1

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**Abstract** ?

batik wastewater was prior treated through a combination of ozonation (O3) and flocculation, and then ultra-filtered by a PP membrane module at various trans membrane pressures (TMP). Conductivity, total suspended solids (TSS), chemical oxygen demand (COD) and color (Pt/Co) were the observed variables to examine the performance of the batik wastewater treatment process. The experimental results show that TSS, COD and Pt/Co can be reduced by about 99.8%, 24% and 57%, respectively. Meanwhile, the permeate fluxes from the membrane module were 141.3, 182.0, 243.9, 264.7 and 290.88 L.m-2.h-1 at TMP of 3, 5, 7, 9 and 11 bars, respectively 2

---

**Creators** ?

	Family Name	Given Name / Initials	Email	
1.	Purnawan	Irfan	irfan.purnawan@umj.ac	▼
2.	Febriasari	Arifina		▼ ▲
3.	Setyaputra	Bima		▼ ▲
4.	Yolandini	Tita Tri		▼ ▲
5.	Windriyo	M. Jati		▼ ▲
6.	Karamah	Eva Fathul		▼ ▲
7.	Kartohardjono	Sutrasno	sutrasno@che.ui.ac.id	▼ ▲
8.				▼ ▲

[More input rows](#) 3

---

**Corporate Creators** ?

1.  ▼

2.  ▼ ▲

3.  ▼ ▲

[More input rows](#)

---

**Contributors**

	Contribution	Family Name	Given Name / Initials	Email	
1.	UNSPECIFIED				▼
2.	UNSPECIFIED				▼ ▲
3.	UNSPECIFIED				▼ ▲
4.	UNSPECIFIED				▼ ▲

[More input rows](#)

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**Divisions** ? 4

Faculty of Engineering / Fakultas Teknik  
 Faculty of Engineering / Fakultas Teknik: D3 Automotive and Heavy Equipment / Otomotif dan Alat Berat  
 Faculty of Engineering / Fakultas Teknik: S1 Architecture / Arsitektur  
 Faculty of Engineering / Fakultas Teknik: S1 Chemical Engineering / Teknik Kimia  
 Faculty of Engineering / Fakultas Teknik: S1 Civil Engineering / Teknik Sipil  
 Faculty of Engineering / Fakultas Teknik: S1 Electrical Engineering / Teknik Elektro  
 Faculty of Engineering / Fakultas Teknik: S1 Industrial Engineering / Teknik Industri  
 Faculty of Engineering / Fakultas Teknik: S1 Informatics Engineering / Teknik Informatika  
 Faculty of Engineering / Fakultas Teknik: S1 Mechanical Engineering / Teknik Mesin  
 Faculty of Engineering / Fakultas Teknik: S2 Master of Chemical Engineering / Magister Teknik Kimia

**★ Publication Details**

**5 ★ Refereed:** Please indicate whether this version of the work been refereed below.  
 Yes, this version has been refereed.  
 No, this version has not been refereed.

**6 ★ Status:** Please state here whether your deposit has been published, is currently in the process of being published (**in press**), or has not been previously published.  
 Published  
 In Press  
 Submitted  
 Unpublished

**★ Journal or Publication Title:** The title of a journal, publication or magazine.  
 Example: **Marine Biology**  
 **7**

**ISSN:** Unique code identifying a serial.  
 Example: **1055-0143**  
 Example: **0891-060X**

**Publisher:** A person, firm or corporate body responsible for placing an item on the market. Do not use abbreviations, enter in full.  
 Example: **Oxford University Press**

**Official URL:** The canonical URL for this item. Some journals require you to provide a link to their version.  
 Example: **http://www.stuffjournal.com/2003/3/**

**Volume:** Enter the volume number of the journal or series in which your item appeared.

**Number:** Enter the issue number of the journal or series in which your item appeared.

**Page Range:** Numerals only. The sequence of pages of the item. Do not enter pp.  
 Example: **21 to 34**  
 to

**Date:** The date this EPrint was completed, submitted to a publisher, published or submitted for a Ph.D.  
 Year:  Month:  Day:

**Date Type:** The event to which the date applies.  
 UNSPECIFIED  
 Publication  
 Submission  
 Completion

**Identification Number:** The unique identification number of this item, or a DOI.

**Related URLs:** URLs that are related to this item.  

URL	URL Type
<input type="text"/>	<input type="text" value="UNSPECIFIED"/>

**+ Contact Email Address**

**+ References**

**+ Uncontrolled Keywords**

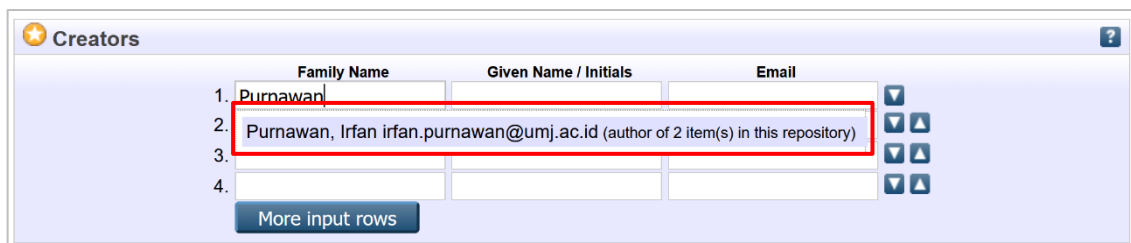
**+ Additional Information**

**+ Comments and Suggestions**

**8**

### TIPS:

Pada saat mengisi data nama, sistem akan mencoba mencari database internal, jika sudah ada data sebelumnya, maka sistem akan memberikan saran dari data yang ada. Pilih data yang sesuai, sistem akan mengisi nama dan email lengkap berdasarkan isian yang sudah ada.



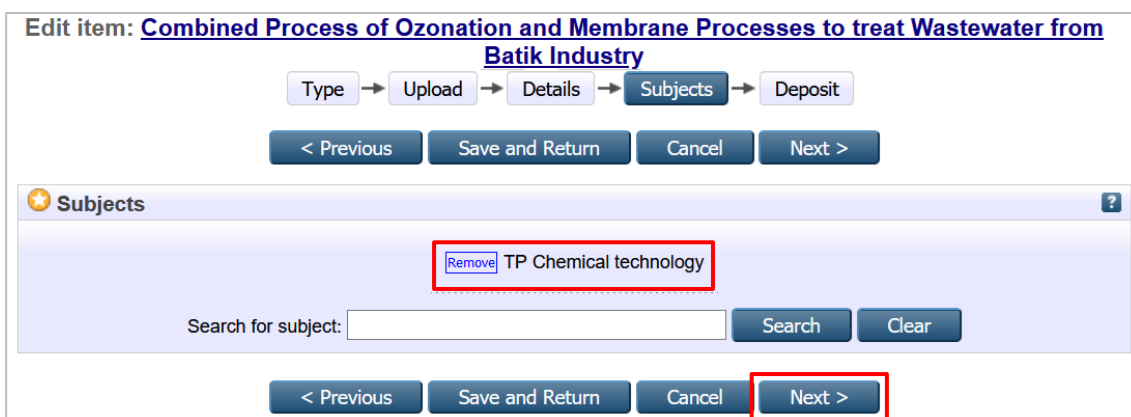
The screenshot shows a form titled "Creators" with three columns: "Family Name", "Given Name / Initials", and "Email". A dropdown menu is open under the "Family Name" column, showing a list of suggestions. The first suggestion is "Purnawan" and the second is "Purnawan, Irfan Irfan.purnawan@umj.ac.id (author of 2 item(s) in this repository)". A red box highlights the second suggestion. Below the list is a "More input rows" button.

6. **Tahap (4) Subjects**, pilih yang paling sesuai dengan artikel, atau sila dicari di kotak pencarian. Setelah menemukan *subject* yang paling pas, lalu klik **Add** di sebelah kiri *subject* tersebut.



The screenshot shows the "Edit item" page for "Combined Process of Ozonation and Membrane Processes to treat Wastewater from Batik Industry". The "Subjects" tab is selected. A search box contains the text "Chemical". Below the search box, a list of subjects is shown, with "TP Chemical technology" selected. A red box highlights the "Add" button next to this subject. Navigation buttons include "< Previous", "Save and Return", "Cancel", and "Next >".

*Subject* pilihan akan bertambah di bagian atas kotak pencarian. Bisa ditambahkan *subject* lain dengan cara yang sama jika diperlukan. Kemudian klik **Next** untuk melanjutkan.



The screenshot shows the same "Edit item" page, but now the "Remove" button next to "TP Chemical technology" is highlighted with a red box. The search box is empty. The "Next >" button is also highlighted with a red box. Navigation buttons include "< Previous", "Save and Return", "Cancel", and "Next >".

## 7. Langkah (5) Deposit, klik Deposit Item Now

The screenshot shows the deposit interface for the item "Combined Process of Ozonation and Membrane Processes to treat Wastewater from Batik Industry". At the top, there are navigation links: Home, About, Browse. Below that, it says "Manage deposits | Logged in as Irfan Purnawan | Profile | Saved searches | Logout". A search bar is on the right. The main heading is "Deposit item: Combined Process of Ozonation and Membrane Processes to treat Wastewater from Batik Industry". Below the heading is a breadcrumb trail: Type → Upload → Details → Subjects → Deposit. A "Deposit" button is highlighted with a red box. Below the breadcrumb trail, there are two paragraphs of text regarding copyright and terms of deposit. At the bottom, there are two buttons: "Deposit Item Now" (highlighted with a red box) and "Save for Later".

8. Berkas sudah diunggah ke repository. Klik kanan link yang diberi kotak merah, kemudian **Salin alamat link** (google chrome) atau **Copy Link Location** (mozilla firefox). Link setiap file siap untuk ditempel (**paste**) pada laman BKD online LLDikti Wilayah 3, atau disimpan dulu di catatan (notepad, Ms. Word, dll) untuk ditempel kemudian.

The screenshot shows the item page for "Combined Process of Ozonation and Membrane Processes to treat Wastewater from Batik Industry". The page is in review. It has tabs for Preview, Details, Actions, and History. The main text is: "Purnawan, Irfan and Febriasari, Arifina and Setyaputra, Bima and Yolandini, Tita Tri and Windriyo, M. Jati and Karamah, Eva Fathul (2020) Combined Process of Ozonation and Membrane Processes to treat Wastewater from Batik Industry. IOP Conference Series: Earth and Environmental Science, 442. pp. 1-13. ISSN 1755-1315". Below the text is a "Download (73kB)" link, which is highlighted with a red box. A red arrow points to this link with the text "klik kanan". A context menu is open over the link, showing options: "Buka link di tab baru", "Buka link di jendela baru", "Buka link di jendela penyamaran", "Simpan tautan sebagai...", "Salin alamat link" (highlighted), "Buka gambar di tab baru", "Simpan gambar sebagai...", "Salin gambar", "Salin alamat gambar", "Telusuri Google untuk gambar", and "Inspeksi". Below the menu, there is an "Abstract" section with text about batik and wastewater treatment. At the bottom, there are fields for "Item Type: Article", "Subjects: Technology > TP Chemical technology", "Divisions: Faculty of Engineering / Fakultas Teknik > S1 Chemical Engineering / Teknik Kimia", "Depositing User: Irfan Purnawan", "Last Modified: 20 Aug 2020 18:11", and "URI: http://repository.umj.ac.id/id/eprint/98".



9. Untuk melihat hasil unggah secara detail, klik **Details**.

View Item: [Combined Process of Ozonation and Membrane Processes to treat Wastewater from Batik Industry](#)

This item is in the repository with the URL <http://repository.umj.ac.id/98/>

Preview **Details** Actions History

Type

Item Type: Article

Upload

Document: Text Type: Text. Language: English. Visible to: Anyone.  
• [012003](#)

Details

Contact Email Address: [sutrasno@che.ui.ac.id](mailto:sutrasno@che.ui.ac.id)

Creators	Email
Purnawan, Irfan	<a href="mailto:irfan.purnawan@umj.ac.id">irfan.purnawan@umj.ac.id</a>
Febriasari, Arifina	UNSPECIFIED
Setyaputra, Bima	UNSPECIFIED
Yolandini, Tita Tri	UNSPECIFIED
Windriyo, M. Jati	UNSPECIFIED
Karamah, Eva Fathul	UNSPECIFIED
Kartohardjono, Sutrasno	<a href="mailto:sutrasno@che.ui.ac.id">sutrasno@che.ui.ac.id</a>

Title: Combined Process of Ozonation and Membrane Processes to treat Wastewater from Batik Industry

Divisions: [Faculty of Engineering / Fakultas Teknik > S1 Chemical Engineering / Teknik Kimia](#)

Abstract: Batik is a cultural heritage which was handed down to her craftsmen in Indonesia, even now it is recognized by UNESCO as one of the world heritages. However, the batik industry is also known as an industry that discharges a lot of wastewater so that the processing of batik waste becomes very important to prevent surface water pollution from batik wastewater. Therefore, this study aims to examine the performance of polypropylene (PP) fibers-based membrane module in wastewater treatment from the batik industry. The batik wastewater was prior treated through a combination of ozonation (O<sub>3</sub>) and flocculation, and then ultra-filtered by a PP membrane module at various trans membrane pressures (TMP). Conductivity, total suspended solids (TSS), chemical oxygen demand (COD) and color (Pt/Co) were the observed variables to examine the performance of the batik wastewater treatment process. The experimental results show that TSS, COD and Pt/Co can be reduced by about 99.8%, 24% and 57%, respectively. Meanwhile, the permeate fluxes from the membrane module were 141.3, 182.0, 243.9, 264.7 and 290.88 L.m<sup>-2</sup>.h<sup>-1</sup> at TMP of 3, 5, 7, 9 and 11 bars, respectively

Date: 16 March 2020

Date Type: Publication

Journal or Publication Title: IOP Conference Series: Earth and Environmental Science

Volume: 442

Publisher: IOP Publishing

Page Range: pp. 1-13

Identification Number: <https://doi.org/10.1088/1755-1315/442/1/012003>

ISSN: 1755-1315

Official URL: <https://iopscience.iop.org/>

Unspecified fields: Contributors, Corporate Creators, Uncontrolled Keywords, Additional Information, Comments and Suggestions, Number, Related URLs, References, Funders, Projects

Subjects

Subjects: [T Technology > TP Chemical technology](#)



Other defined fields	
Item ID:	98
Revision:	17
Item Status:	Live Archive
Depositing User:	Irfan Purnawan
Directory:	disk0/00/00/00/98
Date Deposited:	20 Aug 2020 20:52
Last Modified:	22 Aug 2020 14:36
Last Status Change:	20 Aug 2020 20:52
Metadata Visibility:	Always Show
Links to files:	
Lock:	Not currently locked.
Status:	Published
Full Text Status:	Public
Refereed:	No

10. Klik **Manage deposit** untuk melihat rekap file hasil unggah dan klik **New Item** untuk menambahkan item/berkas baru.



UNIVERSITAS MUHAMMADIYAH JAKARTA

REPOSITORY  
UNIVERSITAS MUHAMMADIYAH JAKARTA

Home About Browse

**Manage deposits** Logged in as Irfan Purnawan | Profile | Saved searches | Logout

1

Manage deposits

Help

**New Item** 2

Import from BibTeX Import

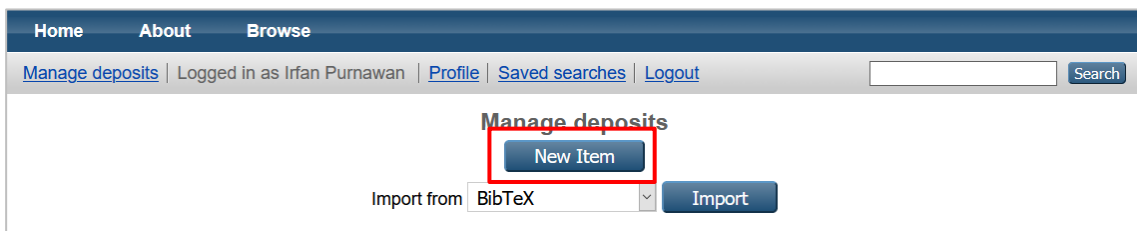
User Workarea.  Under Review.  Live Archive.  Retired.

Last Modified	Title	Item Type	Item Status
20 Aug 2020 18:11	Combined Process of Ozonation and Membrane Processes to treat Wastewater from Batik Industry	Article	Under Review

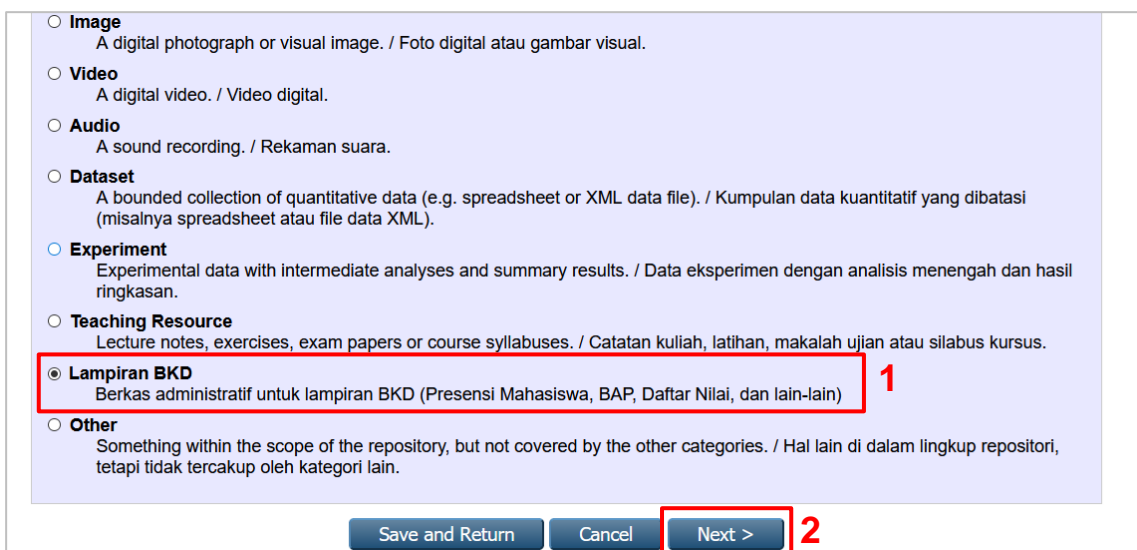
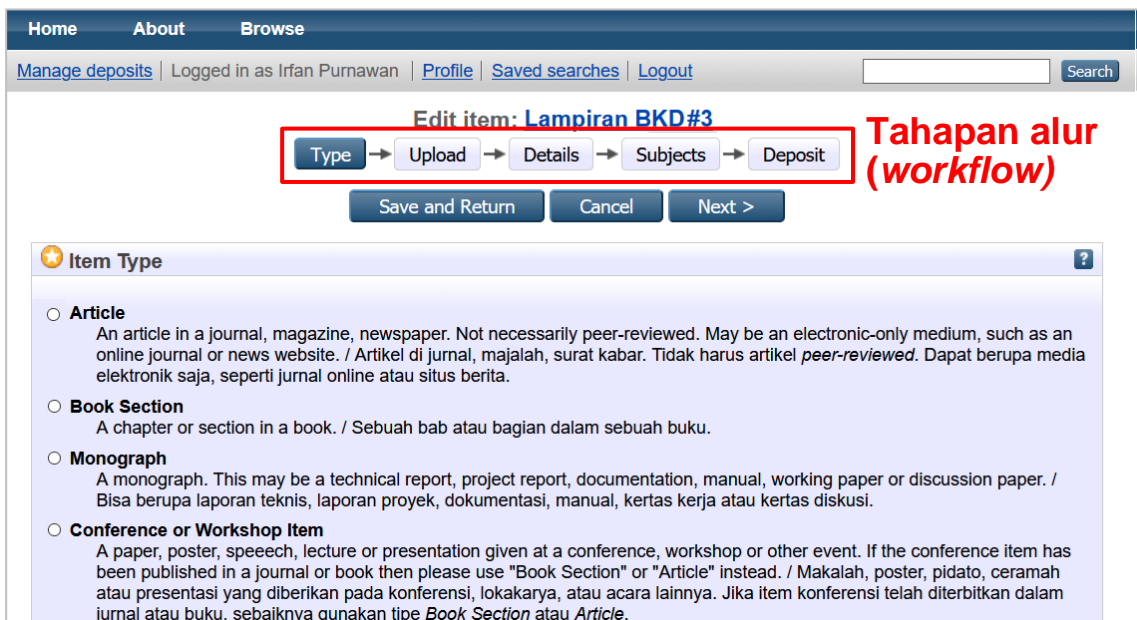
Abstract Add Column

## C.2. BERKAS ADMINISTRATIF

1. Login ke repository.
2. klik **New Item** untuk mengunggah berkas ke repository.



3. Ada 5 tahapan alur (**workflow**) yang harus diikuti untuk mendepositkan file, yaitu **Type**, **Upload**, **Details**, **Subjects**, dan **Deposit**. Tahap (1) pilih jenis **Type**. Untuk Lampiran BKD, pilih **type Lampiran BKD**, kemudian klik **Next**.



4. Tahap (2) **Upload**, unggah file dengan klik **Browse**. Disarankan mengunggah banyak/seluruh file agar tidak mengulang tahap (1) → (5) beberapa kali.
- Klik **Show Option** dan isi opsi yang ada
    - ✓ Untuk **Content**, bisa dipilih material penunjang (*supplemental material*).
    - ✓ Untuk **Language**, bisa dipilih bahasa Indonesia.
  - Kemudian klik **Update Metadata**
  - Lakukan hal yang sama untuk file lain.

Home About Browse

Manage deposits | Logged in as Irfan Purnawan | Profile | Saved searches | Logout

Search

Edit item: **Lampiran BKD #3**

Type → Upload → Details → Subjects → Deposit

< Previous Save and Return Cancel Next >

**Add a new document**

To upload a document to this repository, click the Browse button below to select the file and the Upload button to upload it to the archive. You may then add additional files to the document (such as images for HTML files) or upload more files to create additional documents.

You may wish to use the [SHERPA RoMEO](#) tool to verify publisher policies before depositing.

File From URL

Browse... No file selected.

Text  
Presensi Mahasiswa, BAP, Daftar Nilai Matek 2 C1 2019 Genap.pdf  
252kB

1 Show options +

Text  
Presensi Mahasiswa, BAP, Daftar Nilai Matek 2 C3 2019 Genap.pdf  
51kB

Hide options -

Content: Supplemental Material 2

Type: Text

Description:

Visible to: Anyone

License: UNSPECIFIED

Embargo expiry date: Year: Month: Unspecified Day: ?

Language: Indonesian 3

Update Metadata 4

Text  
Presensi Mahasiswa, BAP, Daftar Nilai BKTK C1 2019 Genap.pdf  
58kB

Show options +

Text  
Presensi Mahasiswa, BAP, Daftar Nilai Membran C1 2019 Genap.pdf  
58kB

Show options +

< Previous Save and Return Cancel Next >

Setelah **Update Metadata** untuk semua file selesai, klik **Next**.

The screenshot shows a file upload interface with two tabs: "File" and "From URL". Under the "File" tab, there is a "Browse..." button and the text "No file selected.". Below this, there are four file entries, each with a document icon, a title, a description, and a size. The files are:

- Text: Presensi Mahasiswa, BAP, Daftar Nilai Matek 2 C1 2019 Genap.pdf - Supplemental Material, 252kB
- Text: Presensi Mahasiswa, BAP, Daftar Nilai Matek 2 C3 2019 Genap.pdf - Supplemental Material, 51kB
- Text: Presensi Mahasiswa, BAP, Daftar Nilai BKTk C1 2019 Genap.pdf - Supplemental Material, 58kB
- Text: Presensi Mahasiswa, BAP, Daftar Nilai Membran C1 2019 Genap.pdf - Supplemental Material, 58kB

Each file entry has a set of icons (gear, document, up/down arrows, trash) and a "Show options +" link. At the bottom of the interface, there are four buttons: "< Previous", "Save and Return", "Cancel", and "Next >". The "Next >" button is highlighted with a red box and the number 5.

5. Tahap (3) **Details**, isi data yang dibutuhkan. Untuk yang bertanda bintang, data wajib diisi. Pada bagian **Divisions** dihimbau untuk diisi sebagai identitas pengunggah dan agar dokumen repository UMJ tertata dengan baik.

The screenshot shows the "Edit item: Lampiran BKD#3" interface. At the top, there are navigation links: "Home", "About", "Browse", "Manage deposits", "Logged in as Irfan Purnawan", "Profile", "Saved searches", "Logout", and a search box. Below the navigation, there is a breadcrumb trail: "Type" → "Upload" → "Details" → "Subjects" → "Deposit". The "Details" step is currently active. At the bottom of the breadcrumb trail, there are four buttons: "< Previous", "Save and Return", "Cancel", and "Next >".

The main content area has three sections:

- Title**: A text input field with a red star icon and a question mark icon. The text "SK Pengajaran 2019 Genap" is entered. A red box highlights the text, and the number 1 is next to the star icon.
- Abstract**: A text input field with a question mark icon.
- Creators**: A table with three columns: "Family Name", "Given Name / Initials", and "Email". The first row is filled with "Purnawan", "Irfan", and "irfan.purnawan@umj.ac". A red box highlights the first row, and the number 2 is next to the star icon.

At the bottom of the "Creators" section, there is a "More input rows" button.

**Corporate Creators**

1.

2.

3.

---

**Contributors**

	Contribution	Family Name	Given Name / Initials	Email
1.	UNSPECIFIED			
2.	UNSPECIFIED BKD Lampiran A			
3.	UNSPECIFIED			
4.	UNSPECIFIED			

---

**Divisions**

- Faculty of Engineering / Fakultas Teknik: D3 Automotive and Heavy Equipment / Otomotif dan Alat Berat
- Faculty of Engineering / Fakultas Teknik: S1 Architecture / Arsitektur
- Faculty of Engineering / Fakultas Teknik: S1 Chemical Engineering / Teknik Kimia** 3
- Faculty of Engineering / Fakultas Teknik: S1 Civil Engineering / Teknik Sipil
- Faculty of Engineering / Fakultas Teknik: S1 Electrical Engineering / Teknik Elektro
- Faculty of Engineering / Fakultas Teknik: S1 Industrial Engineering / Teknik Industri
- Faculty of Engineering / Fakultas Teknik: S1 Informatics Engineering / Teknik Informatika
- Faculty of Engineering / Fakultas Teknik: S1 Mechanical Engineering / Teknik Mesin
- Faculty of Engineering / Fakultas Teknik: S2 Master of Chemical Engineering / Magister Teknik Kimia
- Faculty of Islamic Religion

---

**Publication Details**

**Status:**

Published  
 In Press  
 Submitted  
 Unpublished 4

**Related URLs:**  URL  URL Type

Data yang lain, boleh diisi sesuai dengan data real berkas sebagai informasi pendukung/penguat, boleh juga dikosongkan, kemudian klik **Next**.

**Funders**

1.

---

**Projects**

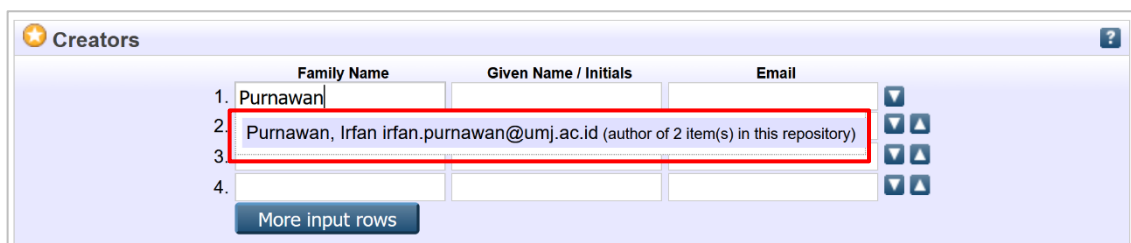
1.

---

5

## TIPS:

Pada saat mengisi data nama, sistem akan mencoba mencari database internal, jika sudah ada data sebelumnya, maka sistem akan memberikan saran dari data yang ada. Pilih data yang sesuai, sistem akan mengisi nama dan email lengkap berdasarkan isian yang sudah ada.



The screenshot shows a 'Creators' form with three columns: Family Name, Given Name / Initials, and Email. The first row contains 'Purnawan'. The second row has a dropdown menu open, showing a suggestion: 'Purnawan, Irfan irfan.purnawan@umj.ac.id (author of 2 item(s) in this repository)'. The dropdown is highlighted with a red box. There are also 'More input rows' and navigation buttons.

6. Tahap (4) **Subjects**, pilih **Z Bibliography. Library Science. Information Resources**, lalu pilih **ZA Information resources** kemudian klik **Add** di sebelah kiri **ZA4450 Databases**.



The screenshot shows the 'Subjects' form with a search bar and a list of subjects. The 'ZA4450 Databases' option is highlighted with a red box and a red arrow. The list includes: A General Works, B Philosophy. Psychology. Religion, C Auxiliary Sciences of History, D History General and Old World, E History America, F History United States, Canada, Latin America, G Geography. Anthropology. Recreation, H Social Sciences, J Political Science, K Law, L Education, M Music and Books on Music, N Fine Arts, P Language and Literature, Q Science, R Medicine, S Agriculture, T Technology, U Military Science, V Naval Science, Z Bibliography. Library Science. Information Resources, Z004 Books. Writing. Paleography, Z665 Library Science. Information Science, Z719 Libraries (General), ZA Information resources, ZA4050 Electronic information resources, and ZA4450 Databases.

**ZA4450 Databases** akan tampak di bagian atas kotak pencarian, kemudian klik **Next**.

Edit item: [Lampiran BKD Bidang A](#)

Type → Upload → Details → **Subjects** → Deposit

< Previous Save and Return Cancel Next >

★ Subjects

[Remove](#) ZA4450 Databases

Search for subject:  Search Clear

- + A General Works
- + B Philosophy, Psychology, Religion
- Z Bibliography, Library Science, Information Resources
  - [Add](#) Z004 Books, Writing, Paleography
  - [Add](#) Z665 Library Science, Information Science
  - [Add](#) Z719 Libraries (General)
  - [Add](#) ZA Information resources
    - [Add](#) ZA4050 Electronic information resources
    - ZA4450 Databases**

< Previous Save and Return Cancel **Next >**

7. Tahap (5) **Deposit**, klik **Deposit Item Now**.

Home About Browse

Logged in as Irfan Purnawan | [Manage deposits](#) | [Profile](#) | [Saved searches](#) | [Logout](#)  Search

Deposit item: [Lampiran BKD Bidang A](#)

Type → Upload → Details → Subjects → **Deposit**

**For work being deposited by its own author:** In self-archiving this collection of files and associated bibliographic metadata, I grant Repository UMJ the right to store them and to make them permanently available publicly for free on-line. I declare that this material is my own intellectual property and I understand that Repository UMJ does not assume any responsibility if there is any breach of copyright in distributing these files or metadata. (All authors are urged to prominently assert their copyright on the title page of their work.)

**For work being deposited by someone other than its author:** I hereby declare that the collection of files and associated bibliographic metadata that I am archiving at Repository UMJ) is in the public domain. If this is not the case, I accept full responsibility for any breach of copyright that distributing these files or metadata may entail.

Clicking on the deposit button indicates your agreement to these terms.

**Deposit Item Now** Save for Later

8. File sudah terunggah ke repository. Klik kanan link yang diberi kotak merah, kemudian **Salin alamat link** (google chrome) atau **Copy Link Location** (mozilla firefox). Link setiap file siap untuk ditempel (**paste**) pada laman BKD online LLDikti Wilayah 3, atau disimpan dulu di catatan (notepad, Ms. Word, dll) untuk ditempel kemudian.



The screenshot shows the 'REPOSITORY' page for Universitas Muhammadiyah Jakarta. The main content area displays 'View Item: [BKD Lampiran A](#)'. A green banner indicates 'Item has been deposited.' Below it, an orange banner with a warning icon states 'Your item will not appear on the public website until it has been checked by an editor.' A message below reads 'This item is in review. It will not appear in the repository until it has been checked by an editor.' The page has tabs for 'Preview', 'Details', 'Actions', and 'History'. The 'Details' tab is active, showing the item title 'Purnawan, Irfan *BKD Lampiran A*. [Lampiran BKD]'. Below the title, there are four text files listed, each with a 'Download' link highlighted in a red box. A red arrow labeled 'klik kanan' points to the first 'Download (252kB)' link, which has a context menu open. The menu options include 'Buka link di tab baru', 'Buka link di jendela baru', 'Buka link di jendela penyamaran', 'Simpan tautan sebagai...', 'Salin alamat link' (which is highlighted), 'Buka gambar di tab baru', 'Simpan gambar sebagai...', 'Salin gambar', 'Salin alamat gambar', 'Telusuri Google untuk gambar', and 'Inspeksi' (with 'Ctrl+Shift+I' next to it). Below the file list, the 'Item Type' is 'Lampiran BKD', 'Subjects' are 'Z Bibliography, Library Science, Information Resources > ZA Information resources > ZA4450 Databases', 'Divisions' are 'Faculty of Engineering / Fakultas Teknik > S1 Chemical Engineering / Teknik Kimia', 'Depositing User' is 'Irfan Purnawan', 'Last Modified' is '24 Aug 2020 01:22', and the 'URI' is 'http://repository.umj.ac.id/id/eprint/3'.

### Catatan:

Ungah kumpulan file dalam 1 kelompok (contoh: Bidang A) agar memudahkan koleksi dan tidak mengulang tahapan unggah berkali-kali seperti jika dilakukan untuk tiap file.



9. Untuk melihat hasil unggah secara detail, klik **Details**.

**REPOSITORY**  
UNIVERSITAS MUHAMMADIYAH JAKARTA

Home About Browse

Manage deposits | Logged in as Irfan Purnawan | Profile | Saved searches | Logout

View Item: [BKD Lampiran A](#)

Preview **Details** Actions History

Type

Item Type: Lampiran BKD

Upload

Document: Text Type: Text. Language: Indonesian. Visible to: Anyone.  
• [Presensi Mahasiswa, BAP, Daftar Nilai Matek 2 C1 2019 Genap.pdf](#)

Document: Text Type: Text. Language: Indonesian. Visible to: Anyone.  
• [Presensi Mahasiswa, BAP, Daftar Nilai Matek 2 C3 2019 Genap.pdf](#)

Document: Text Type: Text. Language: Indonesian. Visible to: Anyone.  
• [Presensi Mahasiswa, BAP, Daftar Nilai BKTK C1 2019 Genap.pdf](#)

Document: Text Type: Text. Language: Indonesian. Visible to: Anyone.  
• [Presensi Mahasiswa, BAP, Daftar Nilai Membran C1 2019 Genap.pdf](#)

Details

Creators: 

Creators	Email
Purnawan, Irfan	irfan.purnawan@umj.ac.id

Title: BKD Lampiran A

Divisions: [Faculty of Engineering / Fakultas Teknik > S1 Chemical Engineering / Teknik Kimia](#)

Unspecified fields: Contact Email Address, Contributors, Corporate Creators, Uncontrolled Keywords, Additional Information, Comments and Suggestions, Abstract, Related URLs, References, Funders, Projects

Subjects

Subjects: [Z Bibliography, Library Science, Information Resources > ZA Information resources > ZA4450 Databases](#)

Other defined fields

Item ID: 3

Revision: 9

Item Status: Under Review

Depositing User: Irfan Purnawan

Directory: disk0/00/00/03/02

Last Modified: 24 Aug 2020 01:22

Last Status Change: 24 Aug 2020 01:22

Metadata Visibility: Always Show

Links to files:

Lock: Not currently locked.

Full Text Status: Restricted

10. Klik **Manage deposits** untuk melihat rekap file hasil unggah dan klik **New Item** untuk menambahkan item/berkas baru.

Home About Browse

Manage deposits Logged in as Irfan Purnawan | Profile | Saved searches | Logout

1

Manage deposits

2

New Item

Import from BibTeX Import

User Workarea.  Under Review.  Live Archive.  Retired.

Last Modified	Title	Item Type	Item Status
24 Aug 2020 01:22	BKD Lampiran A	Lampiran BKD	Under Review
23 Aug 2020 09:11	Combined Process of Ozonation and Membrane Processes to treat Wastewater from Batik Industry	Article	Live Archive
20 Aug 2020 20:52	Panduan Repository BKD UMJ 2020 v2	Monograph	Live Archive

Abstract Add Column

Under Review : masih direview oleh editor repository UMJ

Live Archive : sudah diverifikasi oleh editor repository UMJ dan bisa diakses *online*.

~ SELESAI ~