



**ASEAN**  
**University**  
**Network**

**AUNILO**  
Libraries of ASEAN University Network



Management  
System  
ISO 9001:2015  
ISO 27001:2013  
[www.tuv.com](http://www.tuv.com)  
ID 9105083587

# OER use initiative and implementation

**Dr Taufiq Abdul Gani**  
**Director Unsyiah Central Library**  
**Banda Aceh - Indonesia**

Lecture and Demonstration on AUNILO Annual Meeting  
Libraries of ASEAN University Network  
UGM Library – Jogja, 08 August 2019

# Universitas Syiah Kuala – Unsyiah

- Location:
  - City: Banda Aceh
  - Province: Aceh
  - Country: Indonesia
- Faculty: 12 (1 Graduate Schools)
- Study Program: 132
- Student: 23,392
- Lecturer: 1,580



# Unsyiah Central Library





# The Old-days of Unsyiah Central Library

## Pustaka Unsyiah, Hidup Segan Mati Tak Mau

Artikel Detak

Posted By : Redaksi Posted Date : May 17, 2010 In [Headline](#) 1 Comment

Juli 2009, tidak ada yang berubah dengan gedung. Beberapa mahasiswa terlihat memilih-milih buku di atas rak, ada yang tengah membaca, mencari judul buku di komputer hingga canda tawa heherana mahasiswa. Masih seperti biasa. Tidak ada yang berubah

ternyata journal terbaru hanya ada dari terbitan tahun 2004. Koleksi lama tahun yang lalu.

Menariknya, justru di lantai tiga ini sangat sedikit pengunjung. Hanya beberapa mahasiswa yang dapat dihitung dengan jari yang sibuk membaca buku-buku lama.

Kondisi yang terjadi di pustaka ini tentu sangat aneh. Salah satu pustaka terbesar di Aceh dengan bantuan khusus setiap tahunnya, justru sangat tertinggal untuk menyediakan buku-buku terbaru. Hal ini dapat dilihat dari ketersediaan jurnal ilmiah yang ada hanya untuk terbitan tahun 2004.

Akhirnya, mahasiswa justru mencari jurnal-jurnal ilmiah di luar. Sebagaimana penuturan Dina, beberapa temannya justru memberi informasi ilmiah dari universitas-universitas di pulau Jawa. Dengan mengirim sedikit uang, maka salinan Journal Ilmiah terbaru yang diinginkan bisa diterima tepat waktu.

Menariknya, berdasarkan informasi yang diperoleh DETaK Mahasiswa, Pustaka Unsyiah mendapat sumbangan buku tiap tahunnya. Namun mengapa kondisi realnya sangat berbeda. Hal ini tentu menjadi tanda tanya. Sebagaimana data yang didapati dari sumber terpercaya, Unsyiah menerima bantuan pengadaan buku untuk tahun 2009 ini sebesar Rp 200 juta. Dana pengadaan buku ini, sebagaimana informasi tersebut, setiap tahunnya disalurkan melalui dana Anggaran Pendapatan Belanja Aceh (APBA). Namun, besaran dana yang disalurkan berbeda-beda tiap tahunnya.

Selain itu, pemerintah juga menyalurkan banyak bantuan buku untuk universitas-universitas di Aceh secara umum, Pustaka Unsyiah juga memperoleh bantuan tersebut.

Lalu mengapa buku-buku yang ada di pustaka masih ala kadarnya. Hal inilah yang menjadi tanda tanya mahasiswa. Menurut Kepala Sub Bagian Tata Usaha, Drs Jalalluddin, M.Pd, hal itu juga yang tak dimengertinya. Pun demikian dia mengaku tidak adanya transparansi mengenai pembangunan pustaka baik fisik, maupun buku-buku di pustaka. Besarnya

# Time for Change



## Perpustakaan Wind of Change



**Before**

**After**









# Some Expressions





# Relax.Easy@Unsyiah\_Lib





# UPT PERPUSTAKAAN UNIVERSITAS SYIAH KUALA

2018



2018



2016



2015



2012



Certificate ISO 27001:2013  
dari TUV Rheinland

Upgrade to  
Certificate ISO 9001:2015  
dari TUV Rheinland

Kembali memperoleh Akreditasi A  
dari Perpustakaan Indonesia

Certificate ISO 9001:2008  
dari TUV Rheinland

Akreditasi A  
dari Perpustakaan Indonesia

# Achievements in Quality

- Accredited A by Indonesian National Library, 2012 dan 2015
- **Certified** ISO 9001 QMS, 2015 dan 2018
- **Certified** ISO 27001 Keamanan Informasi, tahun 2018
- 2 person **Certified** Librarian dari Perpustnas RI
- 3 person Mikrotik **Certified** Network Associate
- 2 person **Certified** Training Instructor (BNSP)
- 1 person **Certified** Lead Auditor ISO 9001:2015 (IRCA)



# Problems

- The collections that have been owned so far are of less variety, namely only books or scientific papers.
- Unsyiah Central Library should also have teaching materials such as videos, presentation slides, large numbers of hand-outs
- Basic science books (calculus, sociology) are very high needed for first and second year students



# OER-Unsyiah – Video Clip





# Benefits of OER

- For students
  - OER offers large cost savings as an alternative to expensive textbooks.
- For lecturers
  - Materials can be adapted to local languages and use them innovatively



# Changes in Learning

- Ubiquitous, learning can be done anytime and anywhere.
- Learning is no longer in a formal classroom setting with structured teaching material.
- Learning is now on-demand, according to the wishes of everyone





# OER@Unsyiah.Lib:Our Proposal

---

Information Literacy Student Club and  
Unsyiah Central Library proposed a  
partnership to develop a Portal of Open  
Educational Resource (OER)

# Goals

---

- Develop online teaching materials in the form of audio, video and documents
- To channel the talents and interests of Unsyiah students in information literacy and creative videos



# Phases

1. **The formation of a team**, namely the Expert Team with members of lecturers/ researchers who make proposals and reviews of instructional materials made, Production Teams are members of students and libraries tasked with finding Creative Commons licensed teaching materials and making necessary changes and uploading to the website, Librarian Marketing / Publication Team and students in the dissemination of electronic teaching material
2. **Developing Online Portal**, the Production Team creates an online portal in the Unsyiah Library domain by activating harvesting into the National Library (Indonesia One Search)
3. **Search and Select Teaching Materials**, Production Teams and Expert Teams work together to choose online teaching materials that are Creative Commons licensed on the Internet in the form of audio, video and electronic documents.
4. **Material reproduction**, selected teaching materials will be cast in accordance with a Creative Commons license, for example to make Indonesian subtitles in Video, dubbing in Indonesian or for documents translating into Indonesian.
5. **Uploading to the online portal**, the Publication Team will upload the reproduced material to the Unsyiah Library's Blended Learning Repository and invest in Indonesia One Search.
6. **Publication and Dissemination**, the Publication Team will make flyers, descriptions and narratives of these materials and publish them to social media

# OER – Main Menu

<http://uilis.unsyiah.ac.id/oer/>



**Perpustakaan Unsyiah**  
To motivate, to inspire

Browse Items

Classification

About ▾



**Open Educational Resources**  
**UKM Literasi Informasi dan**  
**Perpustakaan Unsyiah**

## SELAMAT DATANG

Portal Open Education Research (OER) ini berisikan bahan ajar yang berlisensi Creative Commons, hasil kerja sama UKM Literasi Informasi dan UPT. Perpustakaan.

Kami juga menerima sumbangan koleksi OER dari siapa saja, lewat menu bar "Contribute an Item". Koleksi dapat berupa text book, slide presentasi atau video.

Semoga bermanfaat

## FEATURED ITEM

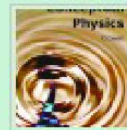
### A First Course in Linear Algebra



In this book, there are five chapters: Systems of Linear Equations, Vector Spaces, Homogeneous

## RECENTLY ADDED ITEMS

### Conceptual Physics.



Even before history began, people must already have noticed certain facts about the sky. The sun and moon both rise in the east and set in the west....



### The Adventure of Physics Volume VI . The Strand Model – A Speculation on Unification



Look at what happens around us. A child that smiles, a nightingale that sings, aily that opens: all move. Every shadow, even an immobile one, is due...



# OER – Browse Item



**Open Educational Resources**  
**UKM Literasi Informasi dan Perpustakaan Unsyiah**

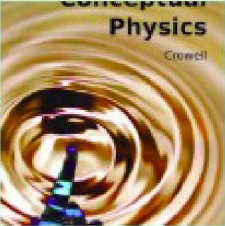
## Browse Items (1417 total)

[Browse All](#) [Browse by Tag](#) [Search Items](#)

of 2 [Next Page](#) Sort by: [Title](#) [Creator](#) [Date Added](#) ▲

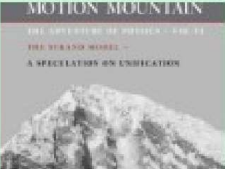
**Conceptual Physics.**

Even before history began, people must already have noticed certain facts about the sky. The sun and moon both rise in the east and set in the west. Another fact that can be settled to a fair degree of accuracy using the naked eye is that the...



**The Adventure of Physics**  
**Volume VI . The Strand Model**

Look at what happens around us. A child that smiles, a nightingale that sings, aily that opens: all move. Every shadow, even an immobile one, is due to moving ight. Every mountain is kept in place by moving electrons. Every star owes its formation...



# Text book: Calculus

- <http://uilis.unsyiah.ac.id/oer/items/show/456>

## Calculus

Dublin Core

Title

Calculus

Subject

Calculus  
Mathematics

Description

This text comprises a three-volume series on Calculus. The first part covers material taught in many "Calc" courses: limits, derivatives, and the basics of integration, found in Chapters through . The second text covers material often taught in "Calc II" integration and its applications, along with an introduction to sequences, series and Taylor Polynomials, found in Chapters through . The third text covers topics common in "Calc III" or "multivariable calc:": parametric equations, polar coordinates, vector-valued functions, and functions of more than one variable, found in Chapters through.

Creator

Gregory Hartman, Ph.D.  
Troy Siemers, Ph.D.  
Brian Heinold, Ph.D.  
Dimplekumar Chalisehajar, Ph.D.

Contributor

Cut Rita Zahara

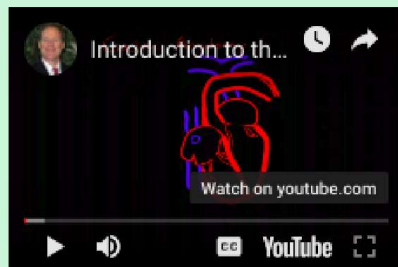
Rights



# Video: from Youtube

- <http://uilis.unsyiah.ac.id/oer/items/show/5>

## Introduction to The Anatomy of The Heart



### Dublin Core

#### Title

[Introduction to The Anatomy of The Heart](#)

#### Description

Introduction to the anatomy of the heart, with explanation of the pericardium, myocardium, and endocardium.

#### Source

<http://youtu.be/hcRevzMGdV0>

#### Publisher

Andrew Wolf  
published via YouTube.com

#### Date

2012-06-29T18:03:57.000Z

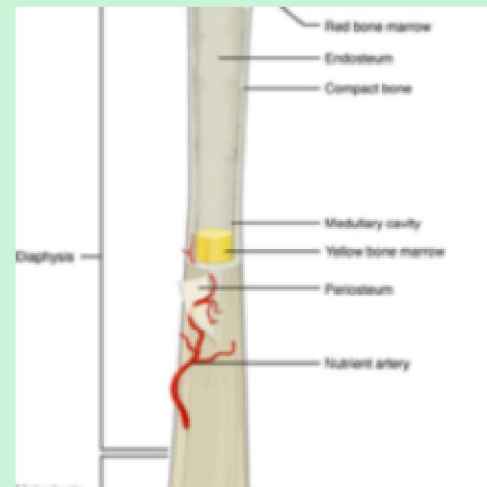
# Image

- <http://uilis.unsyiah.ac.id/oer/items/show/1024>

Type

Image

Files



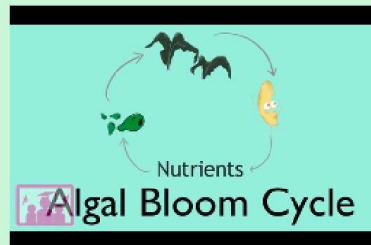
Collection

611 Human Anatomy, Cytology, Histology



- <http://uilis.unsyiah.ac.id/oer/items/show/474>
- CC materials from Youtube are reused and derived (sound dubbing)

## Eutrofikasi



### Dublin Core

#### Title

Eutrofikasi

#### Description

Open Educational Resource (OER) Unsyiah adalah satu Portal yang dikembangkan oleh Perpustakaan Universitas Syiah Kuala. OER Unsyiah berbasis Open Acces untuk siapa saja dan di mana saja. Bahkan Kami juga akan menerima kontribusi yang ingin ikut berpartisipasi dalam OER Unsyiah: <http://uilis.unsyiah.ac.id/oer/contribution>.

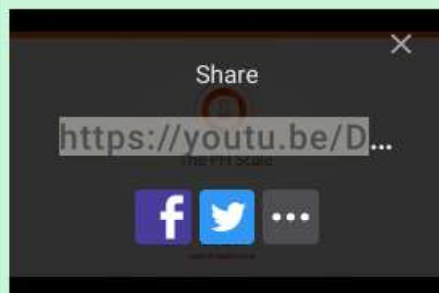
Di sini, Kami menyediakan berbagai bentuk Course, seperti Textbook, Video, Audio, dan sebagainya dengan berbagai bidang materi yang bervariasi. Namun, yang perlu diketahui bahwa OER Unsyiah berLisensi Creative Commons. Nah, bagi yang berkenan atau ingin mempelajari berbagai bidang materi mari kunjungi link UPT. Perpustakaan Unsyiah: <http://uilis.unsyiah.ac.id/oer/>

# Derivative Work

- [https://www.youtube.com/watch?time\\_continue=15&v=DGGuN9Sxino](https://www.youtube.com/watch?time_continue=15&v=DGGuN9Sxino)

- 

## pH Scala



### Dublin Core

#### Title

pH Scala

#### Subject

Chemistry

#### Description

Open Educational Resource (OER) Unsyiah adalah satu Portal yang dikembangkan oleh Perpustakaan Universitas Syiah Kuala. OER Unsyiah berbasis Open Acces untuk siapa saja dan di mana saja. Bahkan Kami juga akan menerima kontribusi yang ingin ikut berpartisipasi dalam OER Unsyiah: <http://uilis.unsyiah.ac.id/oer/contribution>.

Di sini, Kami menyediakan berbagai bentuk Course, seperti Textbook, Video, Audio, dan sebagainya dengan berbagai bidang materi yang bervariasi. Namun, yang perlu diketahui bahwa OER Unsyiah berLisensi Creative Commons. Nah, bagi yang berkenan atau ingin mempelajari berbagai bidang materi mari kunjungi link UPT. Perpustakaan Unsyiah: <http://uilis.unsyiah.ac.id/oer/>



# Indexed by Google Scholar

- [https://scholar.google.com/scholar?hl=en&as\\_sdt=0%2C5&q=site%3Auilis.unsyiah.ac.id%2Foer&btnG=](https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=site%3Auilis.unsyiah.ac.id%2Foer&btnG=)

The screenshot shows the Google Scholar interface with the search query 'site:uilis.unsyiah.ac.id/oer'. The results are displayed in a list format with a left-hand sidebar for filters. The first three results are visible, each with a title, author information, a brief description, and citation statistics. The fourth result is partially visible at the bottom.

**Articles** About 117 results (0.05 sec) My profile

**Any time**  
Since 2019  
Since 2018  
Since 2015  
Custom range...

**Sort by relevance**  
Sort by date

include patents  
 include citations

Create alert

**[BOOK] Electromagnetic fields and energy** [PDF] unsyiah.ac.id  
HA Haus, JR Melcher - 1989 - uilis.unsyiah.ac.id  
The text is aimed at an audience that has seen Maxwell's equations in integral or differential form (second-term Freshman Physics) and had some exposure to integral theorems and differential operators (second term Freshman Calculus). The first two chapters and ...  
☆ Cited by 872 Related articles All 3 versions

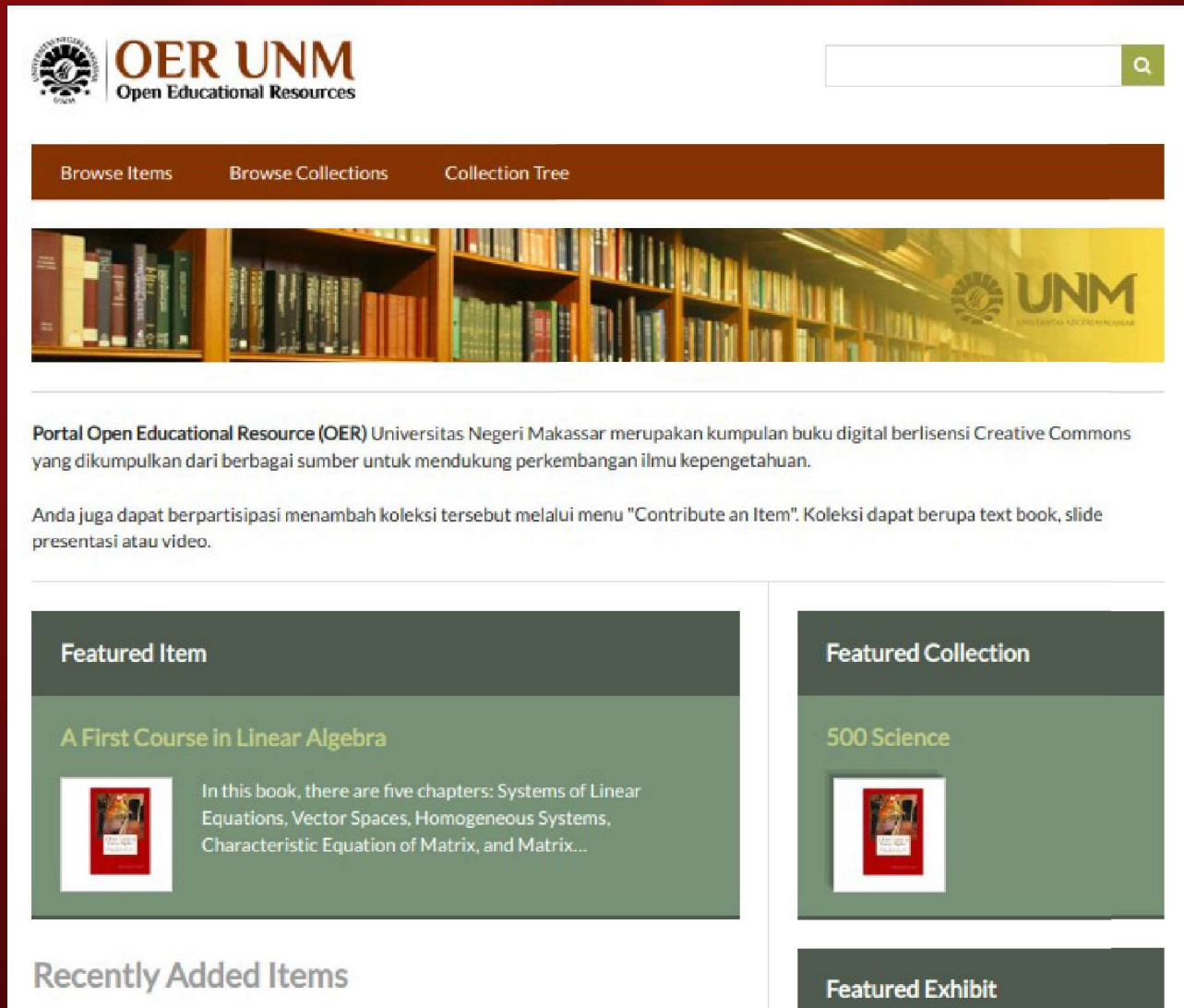
**[PDF] Introduction to numerical methods and matlab programming for engineers** [PDF] unsyiah.ac.id  
T Young, MJ Mohlenkamp - Department of Mathematics, Ohio ..., 2014 - uilis.unsyiah.ac.id  
These notes were developed by the first author in the process of teaching a course on applied numerical methods for Civil Engineering majors during 2002-2004 and was modified to include Mechanical Engineering in 2005. The materials have been periodically ...  
☆ Cited by 37 Related articles All 18 versions

**[PDF] Statistical analysis with the general linear model** [PDF] unsyiah.ac.id  
J Miller, P Haden - Creative Commons Attribution, 2006 - uilis.unsyiah.ac.id  
A multiple regression model is used to quantify the relationship of a Y variable and two or more X variables. Just as in simple regression, the purposes of quantifying the relationship are (a) prediction, and (b) looking for signs of causal relationships. A multiple regression ...  
☆ Cited by 33 Related articles All 5 versions

**[BOOK] Notes on diffy Qs: differential equations for engineers** [PDF] unsyiah.ac.id  
J Lebl - 2014 - uilis.unsyiah.ac.id  
This book originated from my class notes for teaching Math 286 at the University of Illinois at Urbana-Champaign in Fall 2008 and Spring 2009. It is a first course on differential equations for engineers. I also taught Math 285 at UIUC and Math 20D at UCSD using this book. The ...

# Collaboration Universitas Negeri Makassar

- <http://oer.unm.ac.id/>



The screenshot shows the homepage of the OER UNM website. At the top left is the UNM logo and the text "OER UNM Open Educational Resources". To the right is a search bar with a magnifying glass icon. Below this is a navigation bar with three links: "Browse Items", "Browse Collections", and "Collection Tree". A banner image of a library with the UNM logo is positioned below the navigation bar. The main content area contains a paragraph describing the portal as a collection of digital books licensed under Creative Commons, and another paragraph inviting users to contribute items. Below this are two featured sections: "Featured Item" for "A First Course in Linear Algebra" and "Featured Collection" for "500 Science". At the bottom, there are sections for "Recently Added Items" and "Featured Exhibit".

**OER UNM**  
Open Educational Resources

Browse Items    Browse Collections    Collection Tree

Portal **Open Educational Resource (OER)** Universitas Negeri Makassar merupakan kumpulan buku digital berlisensi Creative Commons yang dikumpulkan dari berbagai sumber untuk mendukung perkembangan ilmu pengetahuan.

Anda juga dapat berpartisipasi menambah koleksi tersebut melalui menu "Contribute an Item". Koleksi dapat berupa text book, slide presentasi atau video.

**Featured Item**

**A First Course in Linear Algebra**

In this book, there are five chapters: Systems of Linear Equations, Vector Spaces, Homogeneous Systems, Characteristic Equation of Matrix, and Matrix...

**Featured Collection**

**500 Science**

**Recently Added Items**

**Featured Exhibit**

# Collaboration Universitas Borneo Tarakan

- <http://lib.borneo.ac.id/oer/>

The screenshot shows the homepage of the Open Educational Resources (OER) portal. At the top left is the logo of Universitas Borneo Tarakan (UBT) and the text "UPT. PERPUSTAKAAN Universitas Borneo Tarakan". To the right is a search bar with a magnifying glass icon. Below the header are three navigation tabs: "Browse Items", "Classification", and "About". The main banner features a photograph of a building, the large letters "OER" in green, purple, and green circles, and the text "Open Educational Resources Hasil Kerja Sama Perpustakaan Universitas Borneo Tarakan dan Perpustakaan Universitas Syiah Kuala". Logos for UBT and the library are also present. The page is divided into two columns. The left column has a heading "SELAMAT DATANG" followed by a paragraph about the OER portal's purpose and a note about accepting donations. The right column has a heading "RECENTLY ADDED ITEMS" and lists "Project Management" with a small book icon and a description, and "Active Calculus 1.0".

UPT. PERPUSTAKAAN  
Universitas Borneo Tarakan

Browse Items Classification About

**OER**  
Open Educational Resources  
Hasil Kerja Sama Perpustakaan Universitas Borneo Tarakan  
dan Perpustakaan Universitas Syiah Kuala

**SELAMAT DATANG**

Portal Open Education Resource (OER) ini berisikan bahan ajar yang berlisensi Creative Commons, hasil kerja sama UPT. Perpustakaan Borneo Tarakan dan UPT. Perpustakaan Universitas Syiah Kuala.

Kami juga menerima sumbangan koleksi OER dari siapa saja, lewat menu bar "Contribute an Item". Koleksi dapat berupa text book, slide presentasi atau video.

Semoga bermanfaat

**RECENTLY ADDED ITEMS**

**Project Management**

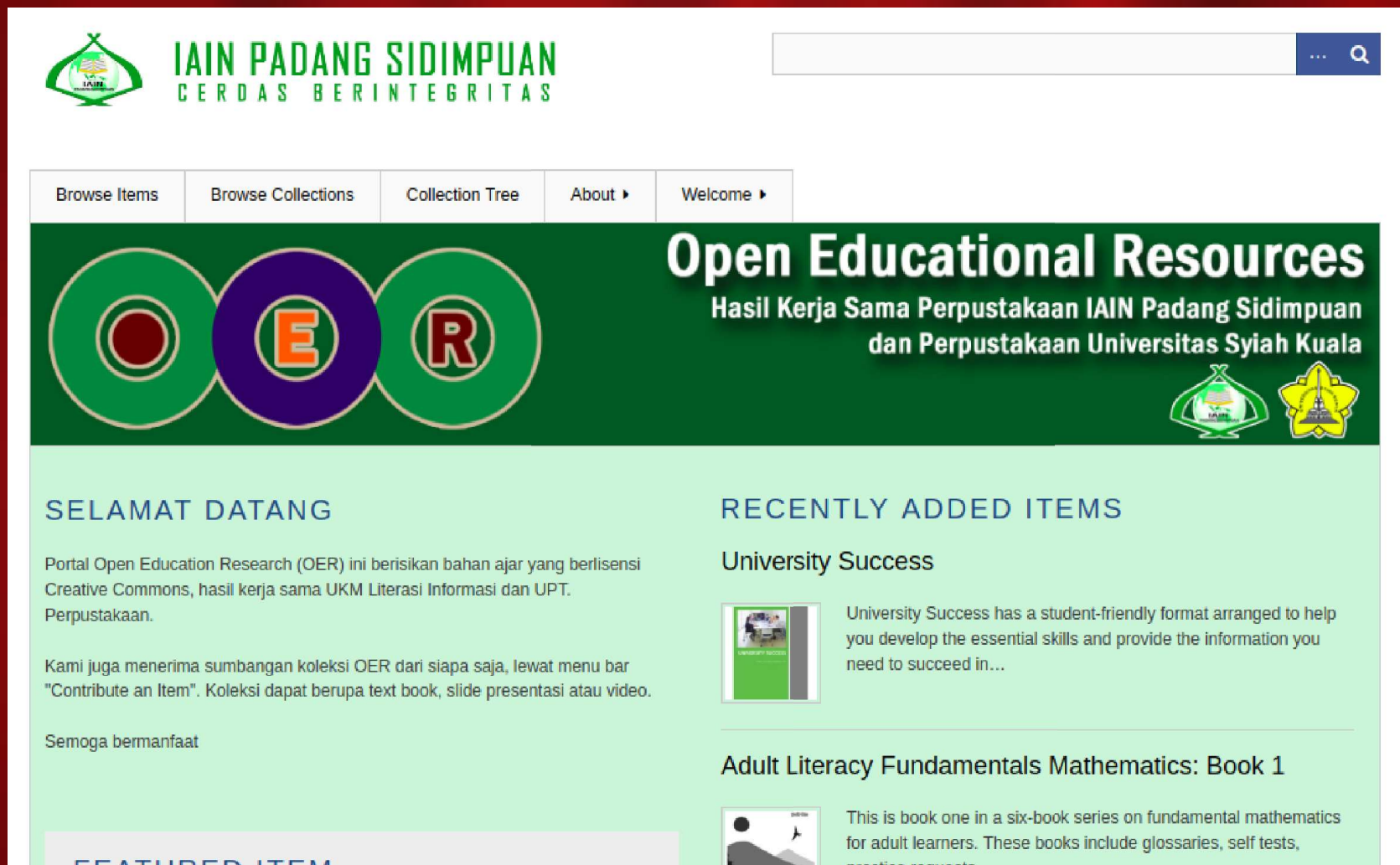
This book covers the basics of project management. This includes the process of initiation, planning, execution, control and close out that all...

**Active Calculus 1.0**



# Collaboration IAIN Padang Sidempuan

- <http://oer.iain-padangsidempuan.ac.id/>



The screenshot shows the homepage of the Open Educational Resources (OER) portal for IAIN Padang Sidempuan. The header features the IAIN logo and the motto "IAIN PADANG SIDIMPUAN CERDAS BERINTEGRITAS". A search bar is located in the top right corner. Below the header is a navigation menu with options: "Browse Items", "Browse Collections", "Collection Tree", "About", and "Welcome".

The main banner area has a green background with the acronym "OER" in large, stylized letters (O in green, E in purple, R in green). To the right of the acronym, the text reads "Open Educational Resources" in large white font, followed by "Hasil Kerja Sama Perpustakaan IAIN Padang Sidempuan dan Perpustakaan Universitas Syiah Kuala" in smaller white font. Logos for both institutions are visible in the bottom right of the banner.

The content area is divided into two columns. The left column is titled "SELAMAT DATANG" (Welcome) and contains a paragraph about the OER portal's mission and a call to action for contributions. The right column is titled "RECENTLY ADDED ITEMS" and lists two items: "University Success" and "Adult Literacy Fundamentals Mathematics: Book 1". Each item includes a small thumbnail image and a brief description.

**SELAMAT DATANG**

Portal Open Education Research (OER) ini berisikan bahan ajar yang berlisensi Creative Commons, hasil kerja sama UKM Literasi Informasi dan UPT. Perpustakaan.

Kami juga menerima sumbangan koleksi OER dari siapa saja, lewat menu bar "Contribute an Item". Koleksi dapat berupa text book, slide presentasi atau video.

Semoga bermanfaat

**RECENTLY ADDED ITEMS**

**University Success**

University Success has a student-friendly format arranged to help you develop the essential skills and provide the information you need to succeed in...

**Adult Literacy Fundamentals Mathematics: Book 1**

This is book one in a six-book series on fundamental mathematics for adult learners. These books include glossaries, self tests, practice requests

# Open Educational Resources

Site	Description
Google Advanced Search <a href="http://www.google.com/advanced_search">http://www.google.com/advanced_search</a>	Advanced search is a built-in feature of Google which allows a user to specify additional requirements for a search. .
Bing <a href="https://www.bing.com/">https://www.bing.com/</a>	Using Bing's Search-by-Licence filter, you can easily find Creative Commons images
OER Commons <a href="https://www.oercommons.org/advanced-search">https://www.oercommons.org/advanced-search</a>	OER Commons is a dynamic digital library and network. Explore open education resources
Creative Commons <a href="https://search.creativecommons.org/">https://search.creativecommons.org/</a>	Creative Commons licenses provide a flexible range of protections and freedoms for authors, artists, and educators.
College Open Textbooks <a href="http://www.collegeopentextbooks.org/">http://www.collegeopentextbooks.org/</a>	CollegeOpenTextbooks provides a comprehensive listing of English language open and/or affordable textbooks
MERLOT II <a href="http://www.merlot.org/merlot/index.htm">http://www.merlot.org/merlot/index.htm</a>	MERLOT is an open educational resource project from the California State University system that started in 1997
OAsis, COL's Open Access Repository <a href="http://oasis.col.org/">http://oasis.col.org/</a>	A Commonwealth of Learning's online institutional repository .Creative Commons BY-SA 4.0

# Open Educational Resources

Site	Description
Lumen Learning, <a href="http://lumenlearning.com/">http://lumenlearning.com/</a>	Lumen Learning creates digital course materials that replace expensive textbooks in high-enrollment college courses
Learningpod <a href="http://www.learningpod.com/">http://www.learningpod.com/</a>	Learningpod is building the largest collection of questions for learning in the world.
College Open Textbooks <a href="http://www.collegeopentextbooks.org/">http://www.collegeopentextbooks.org/</a>	open textbook in the public domain or has been open-licensed by the copyright holder to permit re-use
Open Edu Consortium, <a href="http://www.oecconsortium.org">http://www.oecconsortium.org</a>	a worldwide community committed to advancing Open Education worldwide.
Open Course Library, <a href="http://opencourselibrary.org/">http://opencourselibrary.org/</a>	identify and make available digitally, to community and technical college , free textbooks, assignments, and videos



# No Interruption Service



---

**Thanks You Very Much**