



West Bengal State University Open Educational Resources Repository (WBSU-OER) With The Support of CEMCA



User Manual



FOREWORD

The West Bengal State University (WBSU), Barasat was established in the year 2008. After the initial problems that persisted for a long time of about six to seven years, the University is now at a position to stand before the world in respect of assessment and it is contributing well in the field of teaching-learning process and research. The University has total 52 affiliated colleges; all of them together have enrolled 48,000 UG students in the year 2022, about 65% of which are first-generation learners. As of now, nineteen colleges offer PG courses in different subjects. Out of the 46 colleges, eight colleges are NAAC-accredited A – Grade colleges. The University has one B.P.ED College under its fold and several Special–education colleges. The University has total 33 PG teaching departments include wide-range subjects from language, literature, social science, science, commerce and managements are taught.

The University Library of West Bengal State University started its journey 10 years back with a collection of 1800 books. About 8 years back the collection was shifted to its present location at the academic building of the University. Over the years collection of the Library has grown and at present the library has more than 32000 books on almost all the subjects. It has a great collection of rare books. Apart from this the library has Online Public Access Catalogue (OPAC) and the University supports open eResources like Swayam, e-PG Pathshala, Swayam Prabha etc. The WBSU-OER Repository has developed on DSpace platform for its academic resources. The OER REPOSITORY was formally launched on 11.09.2023. The present manual has been prepared by Dr. Sushanta Banerjee, University Librarian, West Bengal State University.

Content

| <u>Topic</u> | <u>Page No</u> |
|--|-----------------------|
| Foreword | 2 |
| What is Open Educational Resources? | 4 |
| Why OER is beneficial | 5 |
| Welcome to WBSU-OER Repository | 6 |
| What you can Access from WBSU-OER Repository | 7 |
| How to access WBSU-OER Repository | 8-10 |
| About the Divisions of our Communities and Sub-Communities and Collections | 10-12 |
| Advance Search | 13-14 |
| Search Results | 15-17 |

What is Open Educational Resources (OER)?

Open Educational Resources (OER) are learning, teaching and research materials in any format and medium that resides in the public domain or are under copyright that have been released under an open license, that permits no-cost access, re-use, re-purpose, adaptation and redistribution by others.



Why OER is beneficial

The users can freely access, use and reuse the educational materials on OER at no cost and without needing to ask permission.

Unlike the traditional copyrighted resources, OER have been authored or created by an individual or organization that chooses to allow for re-use and adaptation of their work.

It is beneficial for students, teachers and research scholars as anyone can be able to download a resource, edit it in some way and repost it.

It is very easy to search an OER Repository to access sustainable and qualitative educational materials like text-books, online courses, lecture slides, videos, and online courses.

Welcome to WBSU-OER Repository

The screenshot displays the WBSU-OER Repository website. The browser's address bar shows the URL `wbsuier.dspaces.org`. The website header features the West Bengal State University logo and name, along with navigation links for Research, Policy, RTI, Tenders, WBHED, Examination, and Admission. Contact information for the Registrar is provided, including an email address and phone number. The main content area includes a search bar for the WBSU OER Repository, a central image of the university's entrance gate, and two side panels: 'About WBSU' and 'About CEMCA'. The 'About WBSU' panel describes the university's history and its commitment to open education. The 'About CEMCA' panel explains the Commonwealth Educational Media Centre for Asia's role in providing educational resources. A 'Show more' button is visible in both panels. The footer section, titled 'About WBSU-OER', states that the platform is an open platform for accessing educational resources under a 5Rs license, supported by the Commonwealth Educational Media Centre for Asia. The Windows taskbar at the bottom shows the system date as 28-08-2023 and time as 03:31.

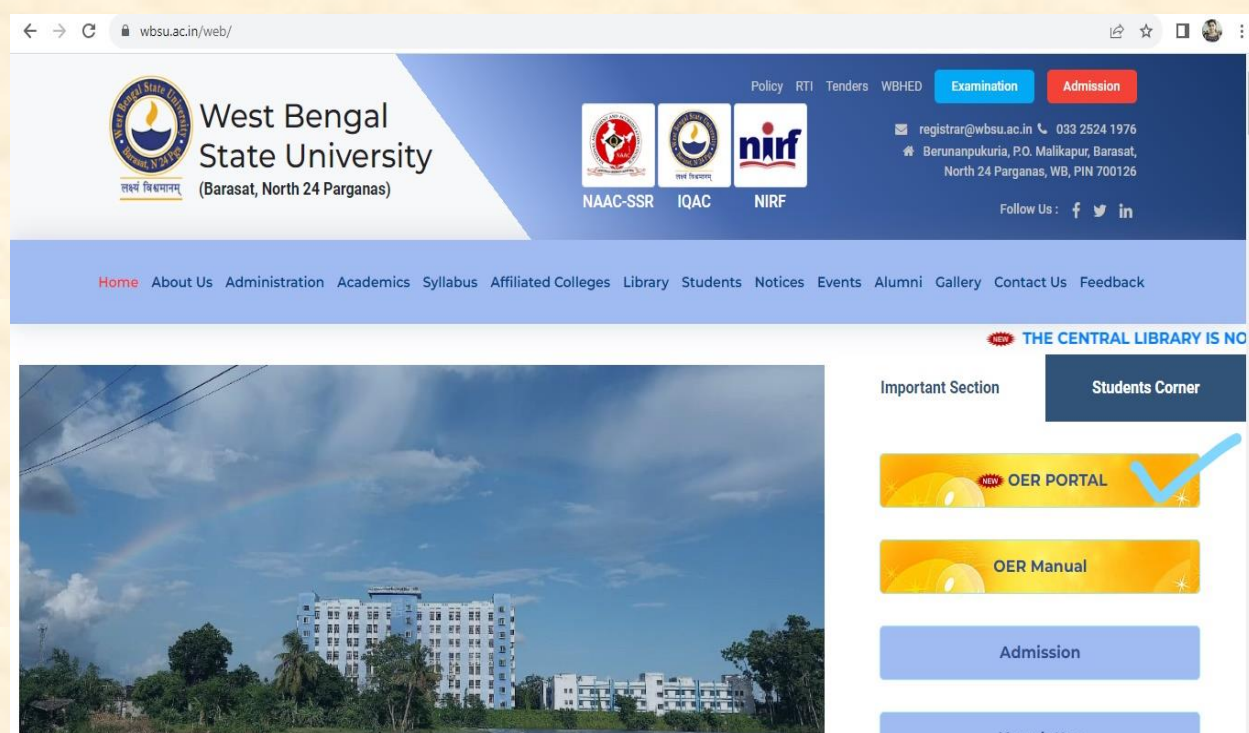
What you can Access from WBSU-OER Repository

Syllabus of a full courses, Study materials, Relevant Journals, Articles and Books, video and audio of seminars and webinars, PhD Thesis, Faculty research papers, lab notes, DOWNLODED Lectures, images, studies, Online Tutorials and YouTube links, Laboratory and Project works, Research Materials, interactive exercises, practice problem sets, recorded lectures/events, assessment tools etc.

How to access WBSU-OER Repository:

This guide provides some information on how to use WBSU-OER and where to find OER:

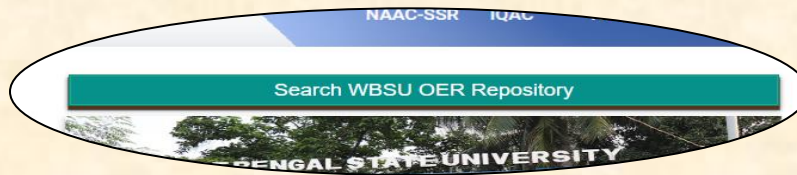
Let's visit WBSU online website <https://wbsu.ac.in/web/>



Click On 'OER PORTAL' Option

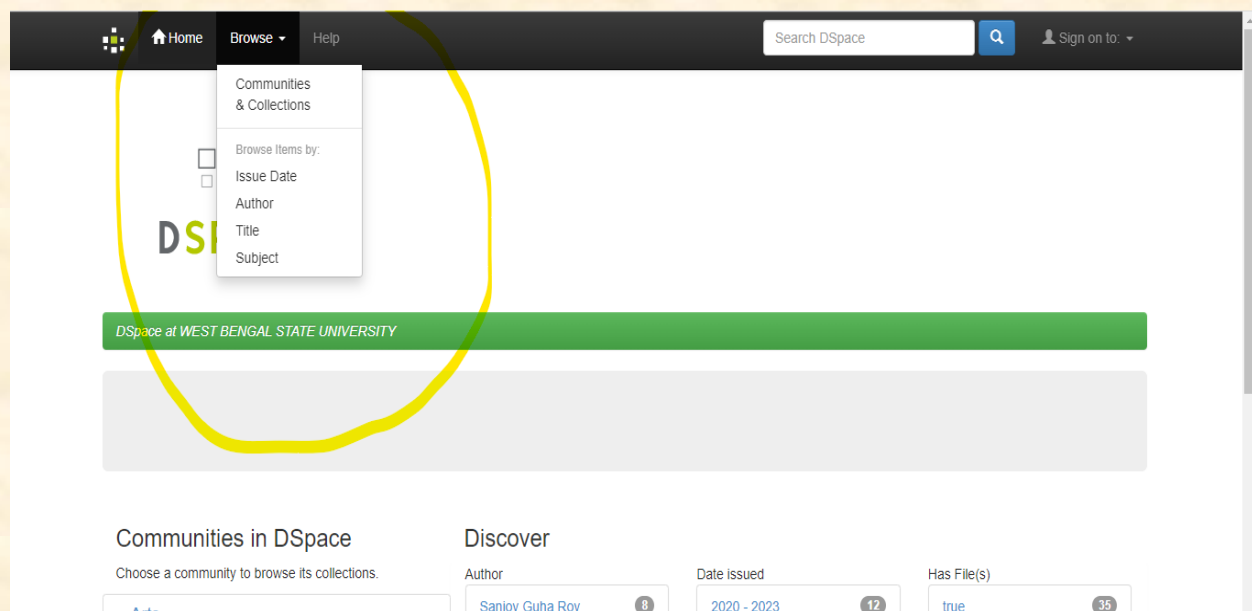


Now search WBSU-OER Repository

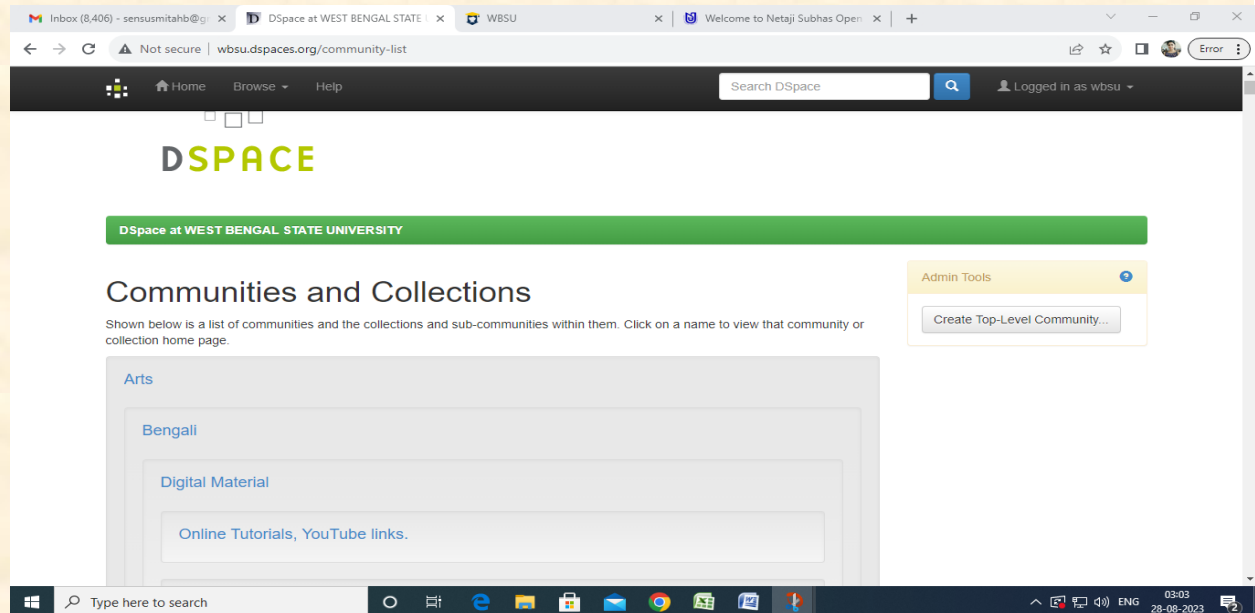


Let's start:

You can Search or Browse the document you need from Different **Communities, Sub-communities and Collections**:

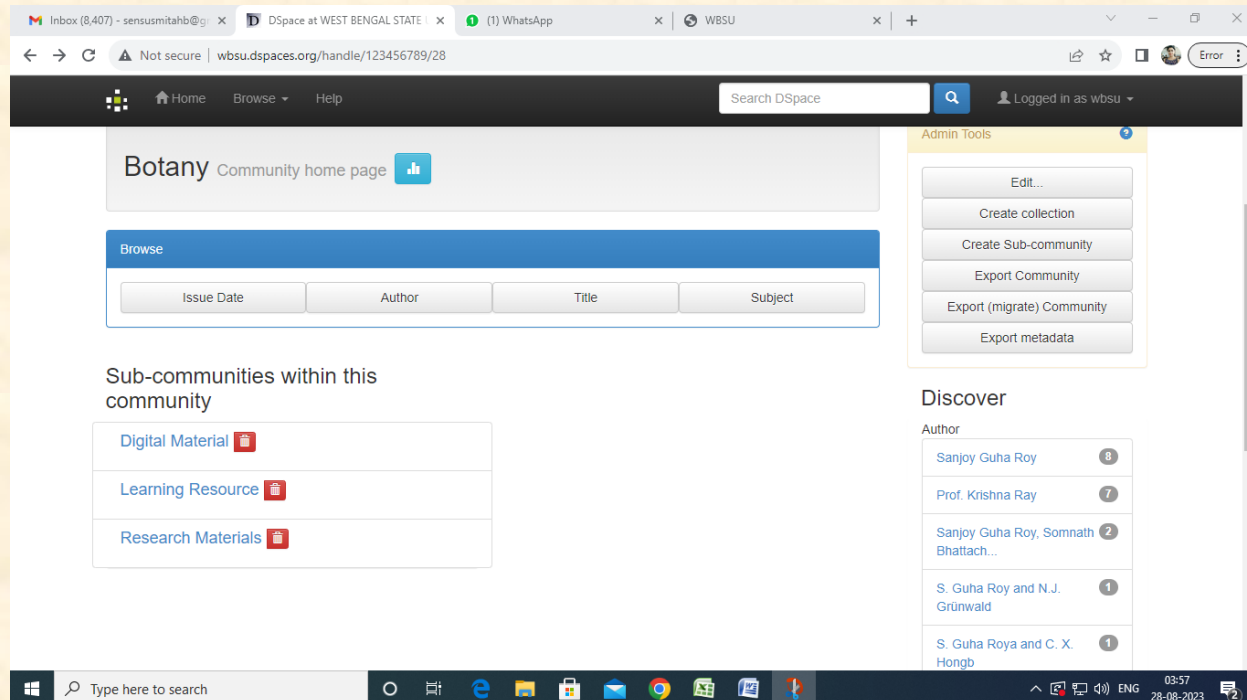


- Click on **Browse button** on the top and a Drop-down list will be opened.
- Now you can explore all the **communities, Sub-communities and Collections** categorically by your choice:



➤ Let's know about the Divisions of our Communities, Sub-Communities and Collections:

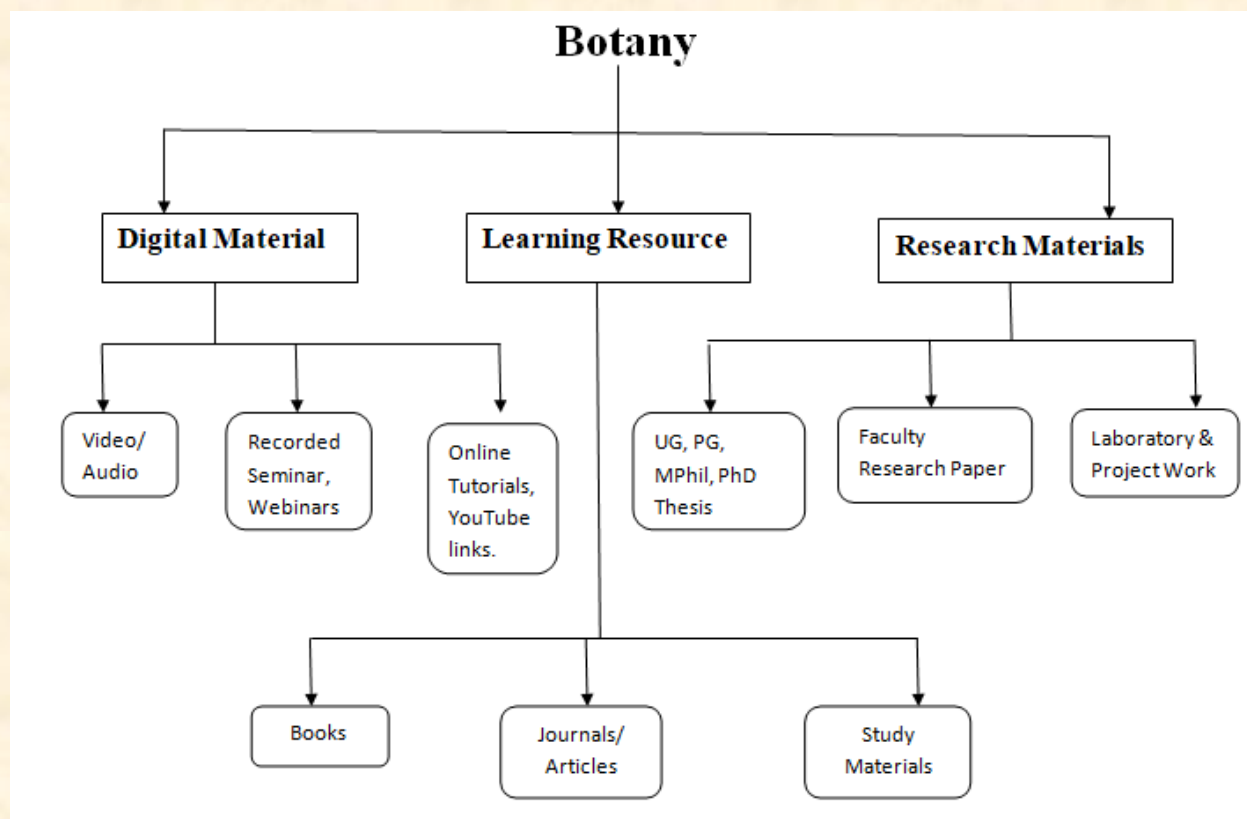
- There are four Top-level Communities:
 - **Science**
 - **Arts**
 - **Commerce**
 - **Management & Marketing**
- Every Top-level community consists some sub-communities of different subjects.
- There are **Three** different kind of documents in every Subject :
 - i) **Digital Materials**
 - ii) **Learning Resources**
 - iii) **Research Materials**



- Digital Materials are consisting of **Videos/ Audios, Recorded Seminars, Webinars, Online Tutorials, YouTube links.**
- Learning resources includes **Books, Journals/ Articles and Study Materials.**
- Research Materials includes **UG, PG, M-Phil, PhD Thesis, Faculty Research Papers, Laboratory & Project Works.**

All the Materials stored under these collections, can be accessed by a single Click.

✚ The following diagram may help you to find out the document you are searching for :



This Structure and the divisions of the documents are same for others Subjects also.

You can also make an advance search by specific **Author, **Subject**, **Title** and **Issue Date**:**

The screenshot displays the DSpace at WEST BENGAL STATE UNIVERSITY interface. The top navigation bar includes links for Home, Browse, and Help, along with a search bar and a sign-in option. The main content area is divided into two sections: Communities in DSpace and Discover.

Communities in DSpace: This section allows users to choose a community to browse its collections. The available communities are listed as follows:

| Community |
|------------------------|
| Arts |
| Commerce |
| Management & Marketing |
| Science |

Discover: This section provides a summary of search results across various criteria:


| Author | Date issued | Has File(s) |
|--|------------------|-------------|
| Sanjoy Guha Roy (8) | 2020 - 2023 (12) | true (35) |
| অধ্যাপক মোহিনী মোহন সরদার (8) | 2010 - 2019 (18) | |
| Prof. Krishna Ray (7) | 2000 - 2009 (3) | |
| Sanjoy Guha Roy, Somnath Bhattach... (2) | 1997 - 1999 (2) | |

Search: This section provides a detailed search interface. It includes a search bar with a dropdown menu set to "All of DSpace", a "Go" button, and a "Current filters" section. The current filter is "Author". Below the search bar, there is a section for "Add filters" where users can refine their search results by selecting a field (e.g., Title) and a comparison operator (e.g., Equals).

Discover: This section provides a detailed view of the search results, including a table of results for the "Date issued" filter and a table for the "Has File(s)" filter.

| Date issued | Count |
|-------------|-------|
| 2020 - 2023 | 1 |
| 2012 - 2019 | 7 |

| Has File(s) | Count |
|-------------|-------|
| true | 8 |

Science Community home page 

Browse

Issue Date Author Title Subject

Sub-communities within this community

- Anthropology
- Biochemistry
- Botany
- Chemistry
- Computer Science
- Economics

You can search your Subject or Field here in these Sub-communities.

Author

- Sanjoy G
- Prof. Kris
- Sanjoy G Bhattach
- S. Guha Grünwal
- S. Guha Hongb
- Sanjoy G Dey, Dav

Date issued


- 2020 - 20
- 2010 - 20
- 2000 - 20
- 1997 - 19

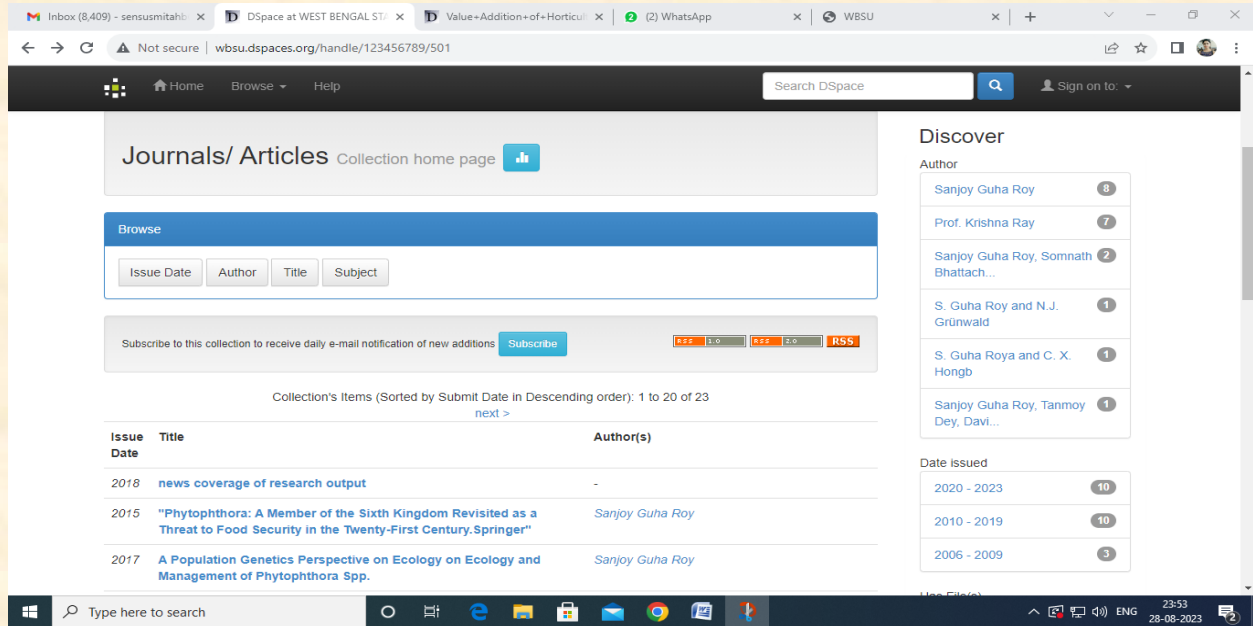
Results 1-7 of 7 (Search time: 0.006 seconds).

Showing search result by specific Author

Item hits:

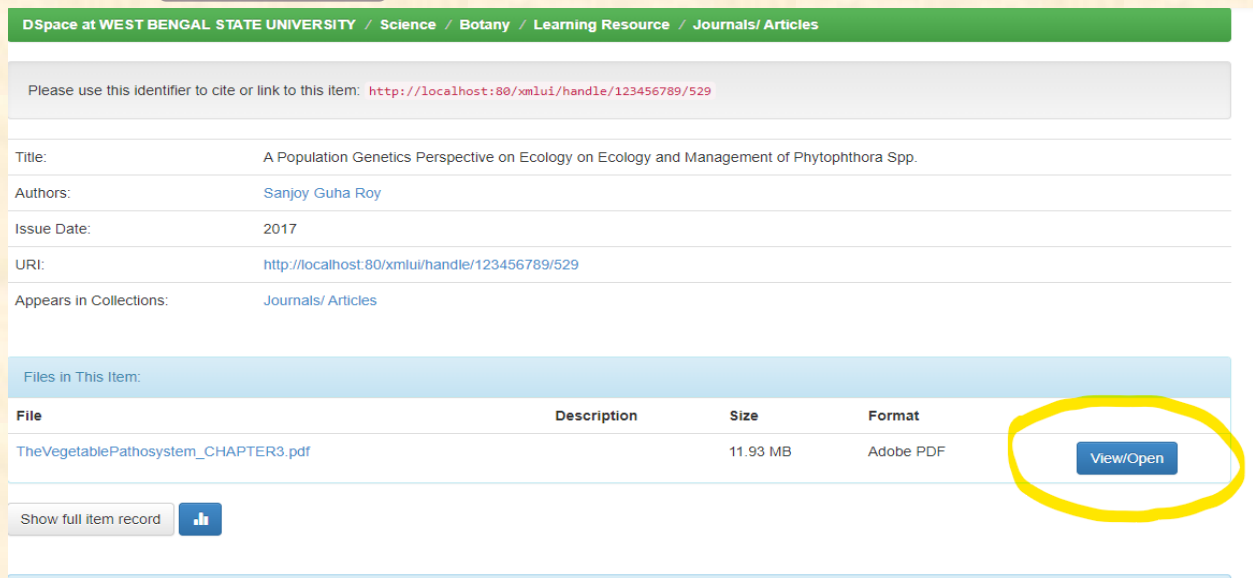
| Issue Date | Title | Author(s) |
|------------|---|-------------------|
| 2023 | Phosphorus Recycling from an Unexplored Source by Polyphosphate Accumulating Microalgae and Cyanobacteria—A Step to Phosphorus Security in Agriculture | Prof. Krishna Ray |
| 2023 | Parboiled rice effluent: A wastewater niche for microalgae and cyanobacteria with growth coupled to comprehensive remediation and phosphorus biofertilization | Prof. Krishna Ray |
| 2023 | Effect of Varying Nitrate Concentrations on Denitrifying Phosphorus Uptake by DPAOs With a Molecular Insight Into Pho Regulon Gene Expression | Prof. Krishna Ray |
| 2023 | Forecasting mangrove ecosystem degradation utilizing quantifiable eco-physiological resilience -A study from Indian Sundarbans | Prof. Krishna Ray |
| 2023 | Development of barnase transgenics for hybrid seed production in Indian oilseed mustard | Prof. Krishna Ray |

 **Now Click on the Title of required document and collect the Metadata, document details and Full text of the documents :**



WBSU DSpace repository homepage. The page displays a search bar, navigation links, and a list of items. The 'Journals/ Articles' collection is highlighted. A table of items is displayed, sorted by submit date in descending order. The first item is 'news coverage of research output' from 2018. The second item is 'Phytophthora: A Member of the Sixth Kingdom Revisited as a Threat to Food Security in the Twenty-First Century' by Sanjoy Guha Roy, published in 2015. The third item is 'A Population Genetics Perspective on Ecology on Ecology and Management of Phytophthora Spp.' by Sanjoy Guha Roy, published in 2017. The 'Discover' sidebar shows author and date filters.

Click on View/Open button to access your data:



DSpace at WEST BENGAL STATE UNIVERSITY / Science / Botany / Learning Resource / Journals/ Articles

Please use this identifier to cite or link to this item: <http://localhost:80/xmlui/handle/123456789/529>

Title: A Population Genetics Perspective on Ecology on Ecology and Management of Phytophthora Spp.

Authors: [Sanjoy Guha Roy](#)


Issue Date: 2017

URI: <http://localhost:80/xmlui/handle/123456789/529>

Appears in Collections: [Journals/ Articles](#)

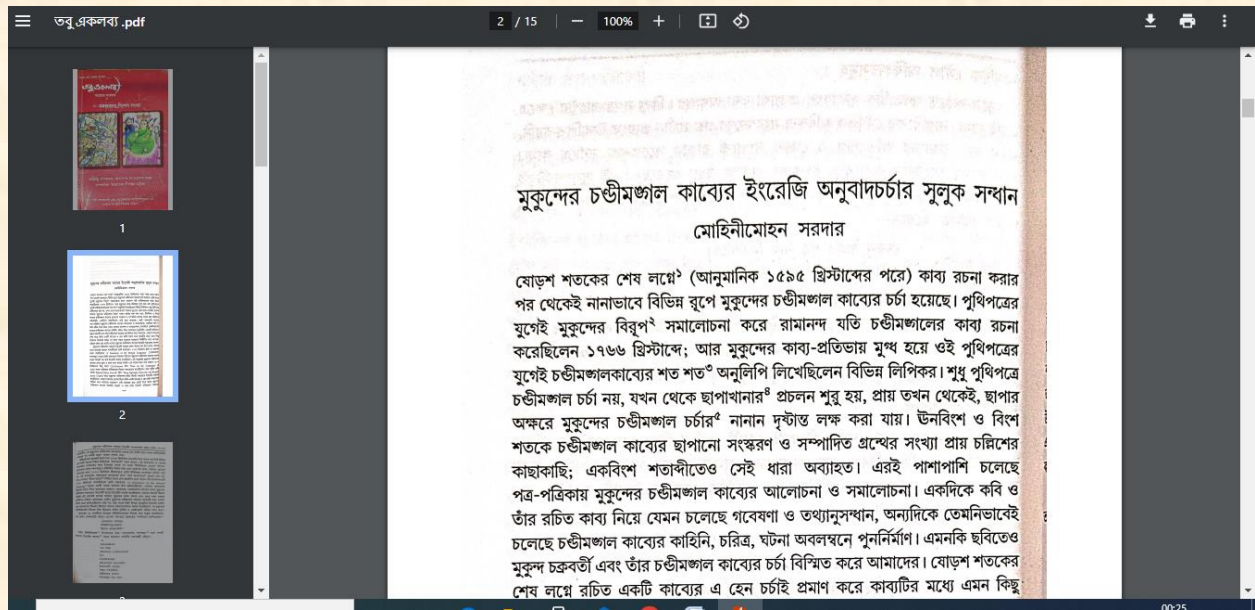
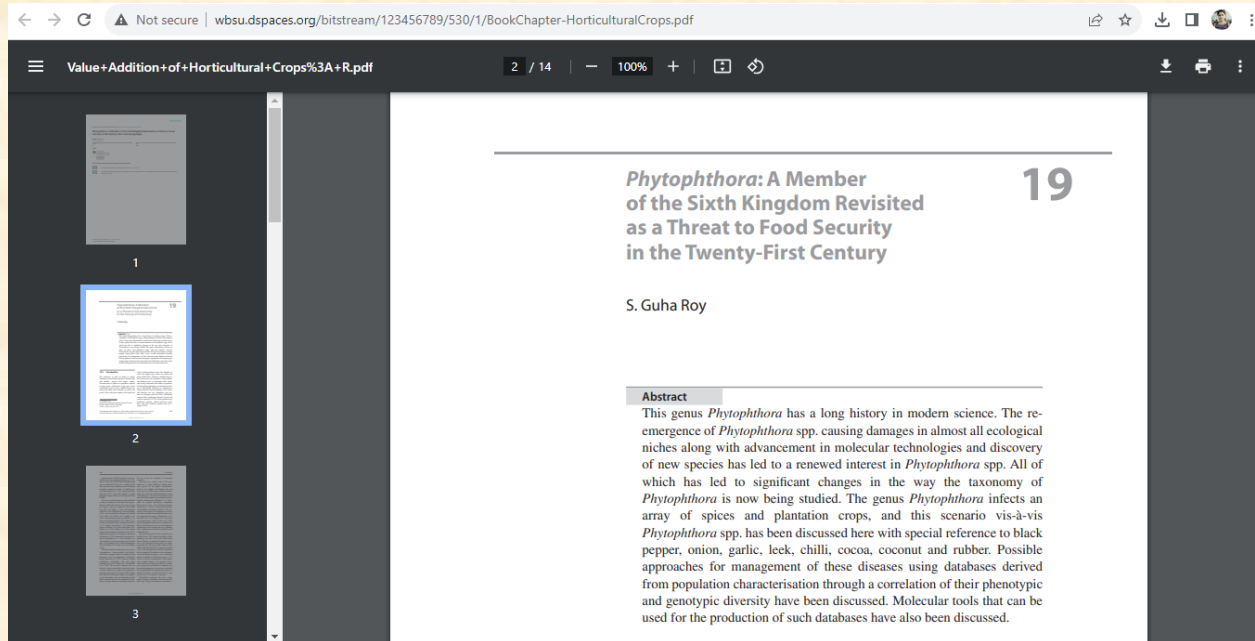
Files in This Item:

| File | Description | Size | Format |
|--------------------------------------|-------------|----------|-----------|
| TheVegetablePathosystem_CHAPTER3.pdf | | 11.93 MB | Adobe PDF |

Show full item record 

View/Open

Now you can View/Open, Download or Print your required document in Repository:



**Now you can use
WBSU-OER
Repository for
fulfillment of your
entire educational
requirement any time
anywhere.**

Thank You

