

# Search Tips for Searching India Code

India Code has been developed using open source software “DSpace”. It has deployed SOLR search engine through which one can browse, perform simple search and advance search with filter facility.

## 1. BROWSE

Allows you to go through a list of items in some specified order. One can browse by Community and Collection, Short title, Act number, Act year, Ministry etc.



Fig 1: Browse Menu

For example: following is the screen shot of Browsing through “Ministry”

BROWSING "CENTRAL ACT LEGISLATION" BY MINISTRY

Jump to: **A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**  
 or enter first few letters:  **Go!**

Order: **Ascending** | Results/Page **20** | **Update**

Showing results 1 to 20 of 47

	Next
Ministry of Agriculture and Farmers Welfare	23
Ministry of AYUSH	2
Ministry of Chemicals and Fertilizers	3
Ministry of Civil Aviation	12

Fig 2: Browse by Ministry

## 2. SIMPLE SEARCH

One can type any single word or group of words or phrases which are searched as free text word(s) in metadata as well in full text documents. It may locate those documents wherever these words or phrases may occur in the metadata and full text documents. As a default, SOLR search engine uses 'AND' Boolean operator, that is, search results contain all of the terms. For Example:

### 2.1. Case 1: Search on National Waterways Act as keywords

It shows documents containing **National AND Waterways AND Act** as search term.

**SEARCH RESULTS**

Central Act Legislation | National Waterways Act | **Go**

Results/Page 10 | Sort items by Relevance | In order Descending | **Update** | **Show Advanced Filters**

Results 1-4 of 4 (Search time: 0.008 seconds) | previous 1 next

Enactment Date	Act Number	Short Title	View
25-Mar-2016	17	The <b>National Waterways Act</b> , 2016.	View...
18-Oct-1982	49	The <b>National Waterway</b> (Allahabad-Haldia Stretch of the Ganga-Bhagirathi-Hooghly River) <b>Act</b> , 1982	View...
17-Nov-2008	23	The <b>National Waterway</b> (Talcher-Dhamra Stretch of Rivers, Geonkhali-Charbatia Stretch of East Coast Canal, Charbatia-Dhamra Stretch of Matai River and Mahanadi Delta Rivers) <b>Act</b> , 2008	View...

**DISCOVER**

**MINISTRY**

- Ministry of Shipping (3)
- Ministry of Social Justice and Em... (1)

**DEPARTMENT**

- Department of Empowerment of Pers... (1)

**SHORT TITLE**

- National Waterway (Allahabad-Hald... (1)
- National Waterway (Talcher-Dhamra... (1)
- National Waterways Act, 2016. (1)
- Rights of Persons with Disabiliti... (1)

Fig 3: Search on National Waterways Act as keywords

## 2.2. Case 2: Search on “National Waterways Act” as a phrase

In this case it will search all the documents containing “National Waterways Act” where these words are occurring together.

The screenshot shows a search interface with the following components:

- SEARCH RESULTS:** A search bar with 'Central Act Legislation' selected and 'National Waterways Act' entered. A 'Go' button is to the right. Below the search bar, there are options for 'Results/Page' (10), 'Sort items by' (Relevance), 'In order' (Descending), and an 'Update' button. A 'Show Advanced Filters' link is also present.
- DISCOVER:** A sidebar with three sections: 'MINISTRY' (Ministry of Shipping, 1 result), 'SHORT TITLE' (National Waterways Act, 2016, 1 result), and 'ACT YEAR' (2000 - 2019, 1 result).
- Table:** A table with columns: Enactment Date, Act Number, Short Title, and View. The first row shows: 25-Mar-2016, 17, The National Waterways Act, 2016., and View...

Fig 4: Search on “National Waterways Act” as a phrase

However, one can further refine the search by using Boolean operators.

## 3. BROADEN THE SEARCH USING “OR” OPERATOR

### 3.1. One can broaden the search results using OR operator.

For Example: **Railways OR Road**

The screenshot shows a search interface with the following components:

- SEARCH RESULTS:** A search bar with 'Central Act Legislation' selected and 'Railways OR Road' entered. A 'Go' button is to the right. Below the search bar, there are options for 'Results/Page' (10), 'Sort items by' (Relevance), 'In order' (Descending), and an 'Update' button. A 'Show Advanced Filters' link is also present.
- DISCOVER:** A sidebar with two sections: 'MINISTRY' (listing 16 ministries with counts) and 'DEPARTMENT' (listing 7 departments with counts).
- Table:** A table with columns: Enactment Date, Act Number, Short Title, and View. It lists 8 acts related to railways and infrastructure.

Fig 5: Search on **Railways OR Road** as search terms

This will search documents that have keywords either **Railways OR Road** anywhere in the documents.

## 4. NARROW DOWN SEARCH USING “AND” OPERATOR

4.1. One can narrow down the search by using AND operator.

For Example: **Railway AND Maintenance**

The screenshot shows a search interface with the following components:

- SEARCH RESULTS** header.
- Search bar: Central Act Legislation | Railway AND Maintenance | Go
- Filters: Results/Page 10 | Sort items by Relevance | In order Descending | Update | Show Advanced Filters
- Results summary: Results 1-10 of 17 (Search time: 0.019 seconds) | previous 1 2 next
- Table of results:

Enactment Date	Act Number	Short Title	View
16-Feb-1985	10	The Calcutta Metro <b>Railway</b> (Operation and Maintenance) Temporary Provisions Act, 1985	View...
17-Dec-2002	60	The Metro Railways (Operation and Maintenance) Act, 2002	View...
3-Jun-1989	24	The Railways Act, 1989	View...
27-Dec-2000	54	The Central Road and Infrastructure Fund Act, 2000	View...
3-Dec-1965	40	The Railways (Employment of Members of the Armed Forces) Act, 1965	View...
21-Aug-1978	33	The Metro Railways (Construction of Works) Act, 1978	View...
23-Apr-1936	04	The Payment of Wages Act, 1936	View...
4-Mar-2014	07	The Street Vendors (Protection of Livelihood and Regulation of Street Vending) Act, 2014	View...

**DISCOVER** sidebar:

- MINISTRY**
  - Ministry of Housing and Urban Aff... (6)
  - Ministry of Labour and Employment (4)
  - Ministry of Finance (2)
  - Ministry of Railways (2)
  - Ministry of Human Resource Develo... (1)
- DEPARTMENT**
  - Department of Economic Affairs (1)
  - Department of Empowerment of Pers... (1)
  - Department of Financial Services (1)
  - Department of Higher Education (1)
- SHORT TITLE**
  - Calcutta Metro Railway (Operation... (1)

Fig 6: Search on **Railway AND Maintenance**

This will Search documents that have both the keywords Railway AND Maintenance anywhere in the documents.

## 5. NEGATION OF SEARCH TERMS USING “NOT” OPERATOR

5.1. In this case, user does not want to have certain terms in the search results. It can be achieved by using “NOT” operator.

For Example: To search **Export NOT Agriculture**

Step 1: Simple search on **Export**

## SEARCH RESULTS

Central Act Legislation ▾ Export

Results/Page  | Sort items by  In order   [Show Advanced Filters](#)

Results 1-10 of 36 (Search time: 0.005 seconds).

[previous](#) [1](#) [2](#) [3](#) [4](#) [next](#)

Enactment Date	Act Number	Short Title	View
24-Aug-1963	22	The <b>Export</b> (Quality Control and Inspection) Act, 1963	View...
11-Sep-1981	28	The Export-Import Bank of India Act, 1981	View...
8-Jan-1986	02	The Agricultural and Processed Food Products <b>Export</b> Development Authority Act, 1985	View...
26-Feb-1884	04	The Explosives Act, 1884	View...
9-Aug-1934	22	The Aircraft Act, 1934	View...
9-Sep-1972	52	The Antiquities and Art Treasures Act, 1972	View...
20-Mar-1986	10	The Spices Board Act, 1986	View...
28-May-1953	29	The Tea Act, 1953	View...

## DISCOVER

MINISTRY	
Ministry of Commerce and Industry	11
Ministry of Agriculture and Farme...	6
Ministry of Finance	6
Ministry of Consumer Affairs, Foo...	2
Ministry of External Affairs	2
<a href="#">next &gt;</a>	

DEPARTMENT	
Department of Commerce	8
Department of Agriculture, Cooper...	3
Department of Financial Services	3
Department of Industrial Policy a...	3
Department of Revenue	3
<a href="#">next &gt;</a>	

Fig 7: Search on **Export**

## Step 2: Search on **Export NOT Agriculture**

## SEARCH RESULTS

Central Act Legislation ▾ Export NOT Agriculture

Results/Page  | Sort items by  In order   [Show Advanced Filters](#)

Results 1-10 of 21 (Search time: 0.01 seconds).

[previous](#) [1](#) [2](#) [3](#) [next](#)

Enactment Date	Act Number	Short Title	View
24-Aug-1963	22	The <b>Export</b> (Quality Control and Inspection) Act, 1963	View...
11-Sep-1981	28	The Export-Import Bank of India Act, 1981	View...
8-Jan-1986	02	The Agricultural and Processed Food Products <b>Export</b> Development Authority Act, 1985	View...
26-Feb-1884	04	The Explosives Act, 1884	View...
9-Aug-1934	22	The Aircraft Act, 1934	View...
9-Sep-1972	52	The Antiquities and Art Treasures Act, 1972	View...
28-May-1953	29	The Tea Act, 1953	View...
21-Oct-1956	74	The Central Sales Tax Act, 1956	View...
6-Jun-2005	21	The Weapons of Mass Destruction and their Delivery Systems (Prohibition of Unlawful	View...

## DISCOVER

MINISTRY	
Ministry of Finance	6
Ministry of Commerce and Industry	5
Ministry of Consumer Affairs, Foo...	2
Ministry of External Affairs	2
Ministry of Law and Justice	2
<a href="#">next &gt;</a>	

DEPARTMENT	
Department of Commerce	3
Department of Financial Services	3
Department of Revenue	3
Department of Food and Public Dis...	2
Department of Industrial Policy a...	2
<a href="#">next &gt;</a>	

Fig 8: Search on **Export NOT Agriculture**

This will search those documents that have **Export** but not containing **Agriculture** in them.

# SEARCH USING COMBINATION OF OPERATORS

## 6. “AND” and “OR” combination

For Example: **(Ministry of Human Resource Department) AND (Information Technology) OR 2014**

In this, search is performed by combining AND/OR operators.

Step 1: Simple search on **(Ministry of Human Resource Department)**

The screenshot shows a search interface with the following components:

- SEARCH RESULTS:** A search bar containing 'Central Act Legislation' and '(Ministry of Human Resource Department)'. Below it, a table lists 7 results with columns for Enactment Date, Act Number, Short Title, and View.
- DISCOVER:** A sidebar with three sections:
  - MINISTRY:** Lists 'Ministry of Human Resource Develo...' (3), 'Ministry of Health and Family Wel...' (2), 'Ministry of Science and Technology' (1), and 'Ministry of Social Justice and Em...' (1).
  - DEPARTMENT:** Lists 'Department of Higher Education' (3), 'Department of Health and Family W...' (2), 'Department of Bio-Technology' (1), and 'Department of Empowerment of Pers...' (1).
  - SHORT TITLE:** Lists 'Mental Healthcare Act, 2017' (1) and 'National Institute of Mental Heal...' (1).

Enactment Date	Act Number	Short Title	View
18-Dec-2014	37	The School of Planning and Architecture Act, 2014	View...
5-Jun-2007	29	The National Institutes of Technology, Science Education and Research Act, 2007	View...
1-Jun-1993	45	The Tezpur University Act, 1993	View...
13-Sep-2012	38	The National Institute of Mental Health and Neuro-Sciences, Bangalore Act, 2012	View...
27-Dec-2016	49	The Rights of Persons with Disabilities Act, 2016.	View...
29-Jul-2016	36	The Regional Centre for Biotechnology Act, 2016.	View...
7-Apr-2017	10	The Mental Healthcare Act, 2017	View...

Fig 9: Search on **(Ministry of Human Resource Department)**

Step 2: Search on **(Ministry of Human Resource Department) AND (Information Technology)**

The screenshot shows a search interface with the following components:

- SEARCH RESULTS:** A search bar containing 'Central Act Legislation' and '(Ministry of Human Resource Department) AND (Information Tech)'. Below it, a table lists 5 results with columns for Enactment Date, Act Number, Short Title, and View.
- DISCOVER:** A sidebar with three sections:
  - MINISTRY:** Lists 'Ministry of Human Resource Develo...' (2), 'Ministry of Health and Family Wel...' (1), 'Ministry of Science and Technology' (1), and 'Ministry of Social Justice and Em...' (1).
  - DEPARTMENT:** Lists 'Department of Higher Education' (2), 'Department of Bio-Technology' (1), 'Department of Empowerment of Pers...' (1), and 'Department of Health and Family W...' (1).
  - SHORT TITLE:** This section is present but empty.

Enactment Date	Act Number	Short Title	View
5-Jun-2007	29	The National Institutes of Technology, Science Education and Research Act, 2007	View...
29-Jul-2016	36	The Regional Centre for Biotechnology Act, 2016.	View...
1-Jun-1993	45	The Tezpur University Act, 1993	View...
27-Dec-2016	49	The Rights of Persons with Disabilities Act, 2016.	View...
13-Sep-2012	38	The National Institute of Mental Health and Neuro-Sciences, Bangalore Act, 2012	View...

Fig 10: Search on **(Ministry of Human Resource Department) AND (Information Technology)**

### Step 3: Search on (Ministry of Human Resource Department) AND (Information Technology) OR 2014

**SEARCH RESULTS**

Central Act Legislation (Ministry of Human Resource Department) AND (Information Tech) Go

Results/Page 10 | Sort items by Relevance | In order Descending | Update | Show Advanced Filters

Results 1-7 of 7 (Search time: 0.006 seconds) | previous 1 next

Enactment Date	Act Number	Short Title	View
5-Jun-2007	29	The National Institutes of Technology, Science Education and Research Act, 2007	View...
18-Dec-2014	37	The School of Planning and Architecture Act, 2014	View...
29-Jul-2016	36	The Regional Centre for Biotechnology Act, 2016.	View...
1-Jun-1993	45	The Tezpur University Act, 1993	View...
27-Dec-2016	49	The Rights of Persons with Disabilities Act, 2016.	View...
13-Sep-2012	38	The National Institute of Mental Health and Neuro-Sciences, Bangalore Act, 2012	View...
7-Apr-2017	10	The Mental Healthcare Act, 2017	View...

**DISCOVER**

**MINISTRY**

- Ministry of Human Resource Develo... 3
- Ministry of Health and Family Wel... 2
- Ministry of Science and Technology 1
- Ministry of Social Justice and Em... 1

**DEPARTMENT**

- Department of Higher Education 3
- Department of Health and Family W... 2
- Department of Bio-Technology 1
- Department of Empowerment of Pers... 1

**SHORT TITLE**

- Mental Healthcare Act, 2017 1
- National Institute of Mental Heal... 1

Fig 11: Search on (Ministry of Human Resource Department) AND (Information Technology) OR 2014

This will show those documents that have any of Ministry of Human Resource Department AND Information Technology OR 2014 in them.

## 7. “AND” and “NOT” COMBINATION

For Example: (Ministry of Human Resource Department) AND (Information Technology) NOT 2014

In this, search is performed by combination of AND/NOT operators.

Step 1: Simple search on (Ministry of Human Resource Department)

## SEARCH RESULTS

Central Act Legislation (Ministry of Human Resource Department)

Results/Page 10 | Sort items by Relevance | In order Descending |

Results 1-7 of 7 (Search time: 0.003 seconds)

1

Enactment Date	Act Number	Short Title	View
18-Dec-2014	37	The School of Planning and Architecture Act, 2014	View...
5-Jun-2007	29	The National Institutes of Technology, Science Education and Research Act, 2007	View...
1-Jun-1993	45	The Tezpur University Act, 1993	View...
13-Sep-2012	38	The National Institute of Mental Health and Neuro-Sciences, Bangalore Act, 2012	View...
27-Dec-2016	49	The Rights of Persons with Disabilities Act, 2016.	View...
29-Jul-2016	36	The Regional Centre for Biotechnology Act, 2016.	View...
7-Apr-2017	10	The Mental Healthcare Act, 2017	View...

## DISCOVER

MINISTRY
Ministry of Human Resource Develo... <span>3</span>
Ministry of Health and Family Wel... <span>2</span>
Ministry of Science and Technology <span>1</span>
Ministry of Social Justice and Em... <span>1</span>

DEPARTMENT
Department of Higher Education <span>3</span>
Department of Health and Family W... <span>2</span>
Department of Bio-Technology <span>1</span>
Department of Empowerment of Pers... <span>1</span>

SHORT TITLE
Mental Healthcare Act, 2017 <span>1</span>
National Institute of Mental Heal... <span>1</span>

Fig 12: Search on (Ministry of Human Resource Department)

## Step 2: Search on (Ministry of Human Resource Department) AND (Information Technology)

## SEARCH RESULTS

Central Act Legislation (Ministry of Human Resource Department) AND (Information Tech

Results/Page 10 | Sort items by Relevance | In order Descending |

Results 1-5 of 5 (Search time: 0.027 seconds)

1

Enactment Date	Act Number	Short Title	View
5-Jun-2007	29	The National Institutes of Technology, Science Education and Research Act, 2007	View...
29-Jul-2016	36	The Regional Centre for Biotechnology Act, 2016.	View...
1-Jun-1993	45	The Tezpur University Act, 1993	View...
27-Dec-2016	49	The Rights of Persons with Disabilities Act, 2016.	View...
13-Sep-2012	38	The National Institute of Mental Health and Neuro-Sciences, Bangalore Act, 2012	View...

## DISCOVER

MINISTRY
Ministry of Human Resource Develo... <span>2</span>
Ministry of Health and Family Wel... <span>1</span>
Ministry of Science and Technology <span>1</span>
Ministry of Social Justice and Em... <span>1</span>

DEPARTMENT
Department of Higher Education <span>2</span>
Department of Bio-Technology <span>1</span>
Department of Empowerment of Pers... <span>1</span>
Department of Health and Family W... <span>1</span>

SHORT TITLE
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Fig 13: Search on (Ministry of Human Resource Department) AND (Information Technology)

## Step3: Search on (Ministry of Human Resource Department) AND (Information Technology) NOT 2014



## SEARCH RESULTS

Central Act Legislation (Ministry of Human Resource Department) AND (Information Tech **Go**)

Results/Page 10 | Sort items by Relevance | In order Descending | Update **Show Advanced Filters**

Results 1-4 of 4 (Search time: 0.024 seconds) previous 1 next

Enactment Date	Act Number	Short Title	View
29-Jul-2016	36	The Regional Centre for Biotechnology Act, 2016.	View...
1-Jun-1993	45	The Tezpur University Act, 1993	View...
27-Dec-2016	49	The Rights of Persons with Disabilities Act, 2016.	View...
13-Sep-2012	38	The National Institute of Mental Health and Neuro-Sciences, Bangalore Act, 2012	View...

## DISCOVER

MINISTRY	
Ministry of Health and Family Wel...	1
Ministry of Human Resource Develo...	1
Ministry of Science and Technology	1
Ministry of Social Justice and Em...	1

DEPARTMENT	
Department of Bio-Technology	1
Department of Empowerment of Pers...	1
Department of Health and Family W...	1
Department of Higher Education	1

Fig 14: Search on ( Ministry of Human Resource Department) AND ( Information Technology ) NOT 2014

This will show those documents that have (Ministry of Human Resource Department) AND (Information Technology) NOT 2014

## 8. “OR” AND “NOT” COMBINATION

For Example: **Research OR Development NOT Agriculture**

In this, search is performed by combination of OR/NOT operators.

Step1: Simple search on **Research**

### SEARCH RESULTS

Central Act Legislation Research **Go**

Results/Page 10 | Sort items by Relevance | In order Descending | Update **Show Advanced Filters**

Results 1-10 of 95 (Search time: 0.004 seconds) previous 1 2 3 4 ... 10 next

Enactment Date	Act Number	Short Title	View
6-Feb-2012	13	The Academy of Scientific and Innovative <b>Research</b> Act, 2011	View...
28-May-2016	32	The Dr. Rajendra Prasad Central Agricultural University Act, 2016.	View...
26-Dec-1992	40	The Central Agricultural University Act, 1992	View...
31-Mar-1992	12	The Destructive Insects and Pests (Amendment and Validation) Act, 1992	View...
16-May-2008	19	The Jawaharlal Institute of Post-Graduate Medical Education and <b>Research</b> , Puducherry, Act, 2008	View...
17-Jan-2009	09	The Science and Engineering <b>Research</b> Board Act, 2008	View...
2-Apr-1970	16	The Haryana and Punjab Agricultural Universities Act, 1970	View...
20-Mar-2009	25	The Central Universities Act, 2009	View...

### DISCOVER

MINISTRY	
Ministry of Human Resource Develo...	20
Ministry of Agriculture and Farme...	12
Ministry of Commerce and Industry	10
Ministry of Finance	6
Ministry of Health and Family Wel...	5
next >	

DEPARTMENT	
Department of Higher Education	19
Department of Commerce	8
Department of Agricultural Resear...	6
Department of Financial Services	5
Department of Health and Family W...	5
next >	

Fig 15: Search on **Research**

## Step2: Search on **Research OR Development**

**SEARCH RESULTS**

Central Act Legislation

Results/Page  | Sort items by  In order   [Show Advanced Filters](#)

Results 1-10 of 236 (Search time: 0.006 seconds)      ...

Enactment Date	Act Number	Short Title	View
28-May-2016	32	The Dr. Rajendra Prasad Central Agricultural University Act, 2016.	View...
26-Dec-1992	40	The Central Agricultural University Act, 1992	View...
4-Aug-2017	20	The Footwear Design and <b>Development</b> Institute Act, 2017	View...
20-Mar-2009	25	The Central Universities Act, 2009	View...
31-Dec-2017	33	The Indian Institute of Management Act, 2017	View...
17-Jan-2009	09	The Science and Engineering <b>Research</b> Board Act, 2008	View...
8-Jan-1997	03	The Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya Act, 1996	View...
20-Dec-2007	52	The Indira Gandhi National Tribal University Act, 2007	View...
6-Feb-2012	13	The Academy of Scientific and Innovative <b>Research</b> Act, 2011	View...

**DISCOVER**

**MINISTRY**

Ministry of Human Resource Develo...	44
Ministry of Finance	26
Ministry of Commerce and Industry	17
Ministry of Agriculture and Farme...	14
Ministry of Housing and Urban Aff...	14
next >	

**DEPARTMENT**

Department of Higher Education	42
Department of Financial Services	17
Department of Commerce	13
Department of Economic Affairs	8
Department of Agricultural Resear...	6
next >	

Fig 16: Search on **Research OR Development**

## Step3: Search on **Research OR Development NOT Agriculture**

**SEARCH RESULTS**

Central Act Legislation

Results/Page  | Sort items by  In order   [Show Advanced Filters](#)

Results 1-10 of 199 (Search time: 0.006 seconds)      ...

Enactment Date	Act Number	Short Title	View
4-Aug-2017	20	The Footwear Design and <b>Development</b> Institute Act, 2017	View...
20-Mar-2009	25	The Central Universities Act, 2009	View...
31-Dec-2017	33	The Indian Institute of Management Act, 2017	View...
17-Jan-2009	09	The Science and Engineering <b>Research</b> Board Act, 2008	View...
8-Jan-1997	03	The Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya Act, 1996	View...
20-Dec-2007	52	The Indira Gandhi National Tribal University Act, 2007	View...
6-Feb-2012	13	The Academy of Scientific and Innovative <b>Research</b> Act, 2011	View...
26-Jun-1998	13	The National Institute of Pharmaceutical Education and <b>Research</b> Act, 1998	View...
5-Jun-2007	29	The National Institutes of Technology, Science Education and <b>Research</b> Act, 2007	View...

**DISCOVER**

**MINISTRY**

Ministry of Human Resource Develo...	42
Ministry of Finance	23
Ministry of Housing and Urban Aff...	14
Ministry of Women and Child Devel...	14
Ministry of Commerce and Industry	11
next >	

**DEPARTMENT**

Department of Higher Education	40
Department of Financial Services	14
Department of Commerce	8
Department of Economic Affairs	8
Department of Health and Family W...	5
next >	

Fig 17: Search on **Research OR Development NOT Agriculture**

This will show those documents that have any of Research OR Development NOT Agriculture in them.

## 9. SEARCH WITH FILTERS

SOLR search engine provides facility to apply search filters to limit the search results to specific fielded search criteria.

Filter search has three components such as **Field Name, Filter Operators and Field Value.**

**Field Name:** It is the metadata fields such as Short Title, Act Number, Act year, Ministry etc. which can be selected from combo box.

**Filter Operators:** It provides various search filter operators such as “**Contains**” “**Not Contains**” “**Equals**” “**Not Equals**” which can be selected from combo box.

**Field Value:** Users has to type value for the field name. It also provides auto completion facility.

**For Example:**

9.1. Search on **National** has been performed as a free text search.

The screenshot shows a search interface with the following components:

- SEARCH RESULTS:** A search bar with 'National' entered and a 'Go' button. Below it, filters for 'Results/Page' (10) and 'Sort Items by' (Relevance) are visible. A 'Show Advanced Filters' button is also present.
- DISCOVER:** A sidebar with two sections: 'MINISTRY' and 'DEPARTMENT'. The 'MINISTRY' section lists various ministries with counts in circles, such as 'Ministry of Human Resource Develo...' (19) and 'Ministry of Home Affairs' (14). The 'DEPARTMENT' section lists departments like 'Department of Higher Education' (18) and 'Department of States' (7).
- Search Results Table:** A table with columns: Enactment Date, Act Number, Short Title, and View. It lists several acts related to 'National', such as 'The Companies (Donations to National Funds) Act, 1951' and 'The National Commission for Minority Educational Institutes Act, 2004'.

Fig 18: Filter Simple search on **National**

Search can be refined using search filters. Here search term “**National**” will be searched with Search field “**Ministry**” with Search Filter as “**contains**”. Screen shot of search is shown in fig19.

## SEARCH RESULTS

Central Act Legislation | National | Go  
CURRENT FILTERS: Ministry | Contains | Home Affairs | X  
Results/Page | 10 | Sort items by | Relevance | In order | Descending | Update | Show Advanced Filters

Applied Facet: MINISTRY

Results 1-10 of 14 (Search time: 0.003 seconds)

previous 1 2 next

Enactment Date	Act Number	Short Title	View
23-Dec-1971	69	The Prevention of Insults to <b>National</b> Honour Act, 1971	View...
31-Dec-2008	34	The <b>National</b> Investigation Agency Act, 2008	View...
27-Dec-1980	65	The <b>National</b> Security Act, 1980	View...
2-Jan-1992	01	The Government of <b>National</b> Capital Territory of Delhi Act, 1991	View...
8-Jan-1994	10	The Protection of Human Rights Act, 1993	View...
26-Sep-2010	42	The Foreign Contribution (Regulation) Act, 2010	View...
22-Sep-1986	47	The <b>National</b> Security Guard Act, 1986	View...

## DISCOVER

MINISTRY	Count
Ministry of Home Affairs	14

DEPARTMENT	Count
Department of States	7
Department of Internal Security	5
Department of Home	2

SHORT TITLE	Count
Foreign Contribution (Regulation)...	1
Government of National Capital Te...	1
National Investigation Agency Act...	1
National Security Act, 1980	1
National Security Guard Act, 1986	1

next >

ACT YEAR
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Fig 19: Filter search on term **National** with Search field as “**Ministry**” and with Search Filter as “**contains**”

9.2. Search can further refine using “**Act year**” as search filter. Screen shot of search is shown in fig 20.

## SEARCH RESULTS

Central Act Legislation | National | Go  
CURRENT FILTERS: Ministry | Contains | Home Affairs | X  
Act Year | Equals | 1968 | X  
Results/Page | 10 | Sort items by | Relevance | In order | Descending | Update | Show Advanced Filters

Applied Facet: MINISTRY & ACTYEAR

Results 1-1 of 1 (Search time: 0.002 seconds)

previous 1 next

Enactment Date	Act Number	Short Title	View
24-May-1968	26	The Pondicherry (Extension of Laws) Act, <b>1968</b>	View...

## DISCOVER

MINISTRY	Count
Ministry of Home Affairs	1

DEPARTMENT	Count
Department of States	1

SHORT TITLE	Count
Pondicherry (Extension of Laws) A...	1

Fig 20: Filter search on **1968** in Act year field.

# 10.SOME MORE EXAMPLES USING VARIOUS SEARCH FIELD OPERATORS

## 10.1. Contains Search Operator

It searches word or phrase present anywhere in the field.

For Example: If you have to search National having department as Higher Education using “CONTAIN” field operator:

The screenshot displays a search interface with the following components:

- SEARCH RESULTS:** A search bar with 'National' entered. Current filters show 'Department' set to 'Contains' and 'Higher Education'. Results per page are set to 10, sorted by Relevance in descending order.
- Applied Facet:** DEPARTMENT. Results 1-10 of 18 (Search time: 0.002 seconds).
- Table of Results:**

Enactment Date	Act Number	Short Title	View
6-Jan-2005	02	The <b>National</b> Commission for Minority Educational Institutes Act, 2004	View...
2-Sep-1985	50	The Indira Gandhi <b>National</b> Open University Act, 1985	View...
5-Jun-2007	29	The <b>National</b> Institutes of Technology, Science <b>Education</b> and Research Act, 2007	View...
20-Dec-2007	52	The Indira Gandhi <b>National</b> Tribal University Act, 2007	View...
31-Dec-2017	33	The Indian Institute of Management Act, 2017	View...
30-Mar-1962	13	The Hindi Sahitya Sammelan Act, 1962	View...
19-Dec-1961	59	The Institutes of Technology Act, 1961	View...

- DISCOVER:** A sidebar with filters for MINISTRY (Ministry of Human Resource Develo... 18), DEPARTMENT (Department of Higher Education 18), SHORT TITLE (Dakshina Bharat Hindi Prachar Sab... 1, Hindi Sahitya Sammelan Act, 1962 1, Indian Institute of Management Ac... 1, Indian Institutes of Information ... 1, Indian Institutes of Information ... 1), and ACT YEAR (2000 - 2019 8, 1915 - 1999 10).

Fig 21: Search results using “CONTAIN” as field operator

## 10.2. Not Contains Search Operator

It searches word or phrase does not exist anywhere in the field.

For Example: If you have to search National documents and doesn't contain Higher Education as department.

## SEARCH RESULTS

Central Act Legislation    
CURRENT FILTERS: Department  Not Contains    
Results/Page  | Sort items by  In order   [Show Advanced Filters](#)

Applied Facet: DEPARTMENT

Results 1-10 of 134 (Search time: 0.003 seconds)

previous [1](#) [2](#) [3](#) [4](#) ... [14](#) next

Enactment Date	Act Number	Short Title	View
17-Oct-1951	54	The Companies (Donations to <b>National</b> Funds) Act, 1951	<a href="#">View...</a>
23-Dec-1971	69	The Prevention of Insults to <b>National</b> Honour Act, 1971	<a href="#">View...</a>
1-May-1951	25	The Jallianwala Bagh <b>National</b> Memorial Act, 1951	<a href="#">View...</a>
14-Jan-2003	13	The Control of <b>National</b> Highways (Land and Traffic) Act, 2002	<a href="#">View...</a>
31-Dec-2008	34	The <b>National</b> Investigation Agency Act, 2008	<a href="#">View...</a>
14-Aug-2018	24	The <b>National</b> Commission for Backward Classes (Repeal) Act, 2018	<a href="#">View...</a>
26-Mar-1997	22	The <b>National</b> Environment Appellate Authority Act, 1997	<a href="#">View...</a>
4-Sep-1993	64	The <b>National</b> Commission for Safai Karamcharis Act, 1993	<a href="#">View...</a>

## DISCOVER

MINISTRY	
Ministry of Home Affairs	<a href="#">14</a>
Ministry of Housing and Urban Aff...	<a href="#">12</a>
Ministry of Finance	<a href="#">10</a>
Ministry of Culture	<a href="#">8</a>
Ministry of Agriculture and Farme...	<a href="#">7</a>
	<a href="#">next &gt;</a>

DEPARTMENT	
Department of States	<a href="#">7</a>
Department of Financial Services	<a href="#">6</a>
Department of Health and Family W...	<a href="#">5</a>
Department of Internal Security	<a href="#">5</a>
Legislative Department	<a href="#">4</a>
	<a href="#">next &gt;</a>

Fig 22: Search results using “NOT CONTAIN” as field operator

### 10.3. Equals Search Operator

It searches exact match of word or phrase in the field. For Example: If you have to search documents of Education of year 2009

## SEARCH RESULTS

Central Act Legislation    
CURRENT FILTERS: Act Year  Equals    
Results/Page  | Sort items by  In order   [Show Advanced Filters](#)

Applied Facet: ACTYEAR

Results 1-3 of 3 (Search time: 0.003 seconds)

previous [1](#) next

Enactment Date	Act Number	Short Title	View
26-Aug-2009	35	The Right of Children to Free and Compulsory <b>Education</b> Act, 2009	<a href="#">View...</a>
20-Mar-2009	25	The Central Universities Act, 2009	<a href="#">View...</a>
11-Jan-2009	08	The South Asian University Act, 2008	<a href="#">View...</a>

## DISCOVER

MINISTRY	
Ministry of Human Resource Develo...	<a href="#">2</a>
Ministry of External Affairs	<a href="#">1</a>

DEPARTMENT	
Department of Higher Education	<a href="#">1</a>
Department of School Education an...	<a href="#">1</a>

SHORT TITLE	
Central Universities Act, 2009	<a href="#">1</a>
Right of Children to Free and Com...	<a href="#">1</a>
South Asian University Act, 2008	<a href="#">1</a>

Fig 23: Search results using “EQUAL” as field operator.

### 10.4. Not Equals Search Operator

It searches for documents with other than where there is an exact match of word or phrase in the field. For Example: If you have to search documents of Education of all year but not 2009

## SEARCH RESULTS

Central Act Legislation ▾ Education    
CURRENT FILTERS: Act Year ▾ Not Contains ▾ 2009   
Results/Page 10 ▾ | Sort items by Relevance ▾ In order Descending ▾  [Show Advanced Filters](#)

Applied Facet: ACTYEAR

Results 1-10 of 93 (Search time: 0.004 seconds)

previous 1 2 3 4 ... 10 next

Enactment Date	Act Number	Short Title	View
23-Dec-1987	52	The All India Council for Technical <b>Education</b> Act, 1987	View...
9-Apr-1973	18	The Delhi School <b>Education</b> Act, 1973	View...
20-Sep-1960	39	The Delhi Primary <b>Education</b> Act, 1960	View...
1-Oct-1915	16	The Banaras Hindu University Act, 1915	View...
31-Mar-1992	12	The Destructive Insects and Pests (Amendment and Validation) Act, 1992	View...
28-Dec-2005	54	The Manipur University Act, 2005	View...
15-Mar-1922	08	The Delhi University Act, 1922	View...

## DISCOVER

MINISTRY	
Ministry of Human Resource Develo...	42
Ministry of Agriculture and Farme...	8
Ministry of Health and Family Wel...	6
Ministry of Home Affairs	5
Ministry of Finance	4
next >	

DEPARTMENT	
Department of Higher Education	41
Department of Agricultural Resear...	6
Department of Health and Family W...	6
Department of Financial Services	3
Legislative Department	3
next >	

Fig 24: Search results using “NOT EQUAL” as field operator.

One can filter and customize search results by using the option “Add Filter” on the advance search page. Many search filters can be added by clicking “Add” button.

### NOTE:

For specific search use simple search and then use filters to further refine search results and get specific information.

## 11. WILD CARD SEARCHES

One can also search multiple character as wildcard search by using asterisk “\*” symbol.

For Example: to search for “Nation”, “National”, “Nationals” One can use the search as **Nation\***

## SEARCH RESULTS

Central Act Legislation

Results/Page  | Sort items by  | In order   [Show Advanced Filters](#)

Results 1-10 of 168 (Search time: 0.006 seconds)      ...

Enactment Date	Act Number	Short Title	View
23-Aug-1971	40	The Public Premises (Eviction of Unauthorised Occupants) Act, 1971	View...
5-Jan-2018	04	The Repealing and Amending (Second) Act, 2017	View...
5-Jan-2018	02	The Repealing and Amending Act, 2017	View...
2-Jun-2010	19	The National Green Tribunal Act, 2010	View...
12-May-1964	14	The Dakshina Bharat Hindi Prachar Sabha Act, 1964	View...
8-Dec-2014	30	The Indian Institutes of Information Technology Act, 2014	View...
5-Jan-2018	03	The Indian Institute of Petroleum and Energy Act	View...
31-Mar-1943	09	The Reciprocity Act, 1943	View...
19-Mar-2007	11	The Sports Broadcasting Signals (Mandatory Sharing with PrasarBharati) Act, 2007	View...

## DISCOVER

**MINISTRY**

Ministry of Human Resource Develo...	19
Ministry of Finance	14
Ministry of Home Affairs	14
Ministry of Housing and Urban Aff...	12
Ministry of External Affairs	10
	next >

**DEPARTMENT**

Department of Higher Education	18
Department of Financial Services	10
Department of States	7
Department of Health and Family W...	5
Department of Internal Security	5
	next >

Fig 25: Search results of **Nation\***

One can also use the wildcard in the middle of a term.

**Example: Nati\*n.**

## 12. FUZZY SEARCHES

Fuzzy search is the technique of finding string that match a pattern approximately, rather than exactly. One can do a fuzzy search using the tilde “~” symbol at the end of the Single word term.

For Example: To search for word similar in spellings to “Role” one can do the fuzzy search: **role~**

This search will find terms like rome, rola, rale, pole, gole etc.

Here in this example **Nation~** searches words like “National”.



## SEARCH RESULTS

Central Act Legislation ▾ Nation~ Go

Results/Page 10 ▾ | Sort items by Relevance ▾ | In order Descending ▾ Update Show Advanced Filters

Results 1-10 of 241 (Search time: 0.025 seconds) previous 1 2 3 4 ... 25 next

Enactment Date	Act Number	Short Title	View
20-Dec-1947	43	The United Nations (Security Council) Act, 1947	View...
20-Dec-1947	46	The United Nations (Privileges and Immunities) Act, 1947	View...
31-Dec-2008	34	The National Investigation Agency Act, 2008	View...
18-Dec-1981	48	The Anti-Apartheid (United Nations Convention) Act, 1981	View...
10-Sep-2013	20	The National Food Security Act, 2013	View...
15-Sep-1987	37	The National Dairy Development Board Act, 1987	View...
10-Jul-1887	19	The Joint-stock Companies Act, 1857	View...
17-Oct-1951	54	The Companies (Donations to National Funds) Act, 1951	View...
30-Aug-2012	35	The Raiiv Gandhi National Institute of Youth Development Act. 2012	View...

## DISCOVER

MINISTRY	
Ministry of Finance	26
Ministry of Home Affairs	26
Ministry of Human Resource Develo...	26
Ministry of Housing and Urban Aff...	15
Ministry of External Affairs	11
next >	

DEPARTMENT	
Department of Higher Education	25
Department of Financial Services	19
Department of States	12
Department of Internal Security	10
Department of Commerce	8
next >	

Fig 26: Search results of Nation~