

# HRMS

## Search Employee

### Objective

Provide Employee to search Employee, check its current status, Activate / Deactivate an Employee.

Route - <https://egov-micro-qa.egovernments.org/employee/hrms/search>

The screenshot shows a web interface titled "Employee Management". In the top right corner, there is an orange button labeled "+ ADD EMPLOYEE". Below the title, there is a "Search Employee" section with the instruction "Provide at least one parameter to search for an application". This section contains six input fields arranged in a 2x3 grid: "ULB\*" (a dropdown menu with "Amritsar" selected), "Employee ID" (a text input with placeholder "Enter Employee ID"), "Employee Mobile No." (a text input with placeholder "Enter Employee Mobile No."), "Role" (a dropdown menu with "Select Role" selected), "Employee Name" (a text input with placeholder "Enter Employee Name"), and "Designation" (a dropdown menu with "Select Designation" selected). At the bottom of the search section, there are two buttons: a red "RESET" button and a dark grey "SEARCH" button.

### Technical Implementation Details

- Initial page  
<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-hrms-dev/src/ui-config/screens/specs/hrms/search.js>
- Initial MDMS call is made on page load

```
moduleDetails: [
  {
    moduleName: "common-masters",
    masterDetails: [
      { name: "Department", filter: "[?(@.active == true)]" },
      { name: "Designation", filter: "[?(@.active == true)]" }
    ]
  },
  {
    moduleName: "egov-hrms",
    masterDetails: [
      {
        name: "Degree",
        filter: "[?(@.active == true)]"
      },
      {
        name: "EmployeeStatus",
```

```

        filter: "[?(@.active == true)]"
      },
      {
        name: "EmployeeType",
        filter: "[?(@.active == true)]"
      },
      {
        name: "DeactivationReason",
        filter: "[?(@.active == true)]"
      },
      {
        name: "EmploymentTest",
        filter: "[?(@.active == true)]"
      },
      {
        name: "Specalization",
        filter: "[?(@.active == true)]"
      }
    ]
  },
  {
    moduleName: "tenant",
    masterDetails: [{ name: "tenants" }]
  },
  {"moduleName": "ACCESSCONTROL-
ROLES", "masterDetails": [{"name": "roles", "filter": "$.[?(@.code != 'CITIZEN')]"}}}
]

```

- All the Forms and its functionality are in <https://github.com/egovernments/frontend/tree/master/web/rainmaker/dev-packages/egov-hrms-dev/src/ui-config/screens/specs/hrms/searchResource> - Connect to preview path.
- Table rendering is taken care in <https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-hrms-dev/src/ui-config/screens/specs/hrms/searchResource/searchResults.js>
- The Bill search API and formatting data is in done in <https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-hrms-dev/src/ui-config/screens/specs/hrms/searchResource/functions.js>

## Table Structure

- **MUIDataTable** is used to implement Table component.
- Every columns are entry given as an Object

```

{
  labelName: "Employee ID",
  labelKey: "HR_COMMON_TABLE_COL_EMP_ID"
},
,

```

- Any customizations at column level are by `customBodyRender` hook available in all the columns 'option' property.

## Search Results

Search Results for Employee (14)					
Employee ID	Name	Role	Designation	Department	Status
<a href="#">EMP-107-000026</a>	Lata a	Employee, Grievance Officer	Superintending Engineer ( O&M)	Executive Branch	Inactive
<a href="#">EMP-107-000083</a>	Lata	Super User	Superintending Engineer ( O&M)	Executive Branch	Active
<a href="#">QATLA03</a>	TL Approver QATLA03	TL Approver	Superintending Engineer ( O&M)	Operation & Maintenance	Active
<a href="#">mtgro001</a>	mtgro	Employee, Employee, Grievance Routing Officer, Gr...	Superintending Engineer ( O&M)	Others	Active
<a href="#">QATLA04</a>	TL Approver QATLA04	TL Approver	Superintending Engineer ( O&M)	Operation & Maintenance	Active
<a href="#">EMP-107-000150</a>	Sudhanshu	Employee	Superintending Engineer ( O&M)	Health & Sanitation	Active
<a href="#">EMP-107-000082</a>	Ajit	Grievance Officer, Super User	Superintending Engineer ( O&M)	Building Branch	Inactive
<a href="#">EMP04</a>	Jagan	LOA Creator, Grievance Routing Officer, NoC count...	Superintending Engineer ( O&M)	Tax Branch	Active
<a href="#">JK</a>	Jagankumar	PT Doc Verifier, Employee, NoC counter employee, ...	Superintending Engineer ( O&M)	Tax Branch	Active
<a href="#">BPASAP</a>	BPA APPROVER	BPAREG Approver, Employee	Superintending Engineer ( O&M)	Building Branch	Active
Rows per page: 10 1-10 of 14 < >					

Search Results shows the Employee's details such as ID, Name, Roles, Designation, Department and his status.

On click of his ID he can view the employee information.

## Data fetch, load and render

Once the data is fetched using `egov-hrms/employees/_search` API, the returned data is formatted and dispatched to redux

- <https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-hrms-dev/src/ui-config/screens/specs/hrms/searchResource/functions.js>

More Information About Create and View Employee can be found in

[Create Employee](#)

[View Employee](#)

## ROLE ACTION MAPPING

S.NO	API	ROLES	ACTION ID
1	egov-mdms-service/v1/_search	SUPERUSER , LOA_CREATOR , WO_CREATOR , AE_CREATOR , WORKS_MASTER_CREATOR	954
2	egov-hrms/employees/_search	SUPERUSER , EMPLOYEE , CITIZEN,GRO,TL_APPROVER,TL_CEMP,TL_FIELD_INSPECTOR	1752