

**NATIONAL MISSION ON HIMALAYAN STUDIES (NMHS)**  
**HIMALAYAN RESEARCH FELLOWSHIP**  
(FORMAT FOR THE HALF YEARLY PROGRESS REPORT)  
[Reporting Period: from April-2016 to December-2016]

Name of the Institution/ University:	Uttarakhand Council of Science & Technology (UCOST), Vigyan Dham, Jhajra, Premnagar, Dehradun – 248 007, Uttarakhand, INDIA.
No. of Himalayan Research/Project Associate:	One (01)
No. of Himalayan Junior Research/Project Fellows:	Four (04)

**Himalayan Research/Associate**

**H-RAs Profile Description:**

S. No.	Name of RA	Date of Joining	Name of the PI	Qualification
1.	Dr. Yogendr Bahuguna	02 <sup>nd</sup> July 2016	Dr. Rajendra Dobhal PhD; FAFESc; FNASc	M.Pharm., Ph.D.

**Progress Report: To be filled for each HRA in separate row.**

RA No.	Research Objectives	Achievements	Addressed Deliverables	Location of Field Site with Details, if any
HRA001	<ul style="list-style-type: none"> <li>PREPARATION OF "RESOURCE ATLAS" OF THE UTTARAKHAND STATE..</li> </ul>	<ol style="list-style-type: none"> <li>RECRUITMENT PROCESS OF PROJECT STAFF (APRIL TO JUNE)</li> <li>DISTRICT DISTRIBUTIONS AS PER NMHS – HRF TO HIMALAYAN RESEARCH FELLOWS.</li> <li>FINALIZATION OF RESOURCE ATLAS SECTIONS FOR 13 DISTRICTS OF</li> </ol>	<p><b><u>A. DISTRICT AT A GLANCE</u></b></p> <p>DATA COLLECTED IN LITERATURE INFORMATION FOR NAINITAL, ALMORA AND CHAMPAWAT.</p> <p><b><u>B. TOPOGRAPHY</u></b></p> <p><b>GEOGRAPHY:</b> DATA COLLECTED FOR NAINITAL, ALMORA, CHAMPAWAT IN LITERATURE FORM.  <b>GEOLOGY :</b> DATA COLLECTED FOR NAINITAL, ALMORA, CHAMPAWAT IN LITERATURE FORM  MINERAL OCCURRENCE AND GEOGRAPHIC</p>	<ul style="list-style-type: none"> <li>13 DISTRICTS OF UTTARAKHAND (INCLUDING CHAMPAWAT, ALMORA, NAINITAL)</li> </ul>

		<p>UTTARAKHAND.</p> <p>4. SECONDARY DATA COLLECTION FROM OPEN ACCESS DATABASE i.e., GOVERNMENT PUBLICATIONS AND OFFICIAL STATISTICS.</p> <p>5. PREPARATION AND SUBMISSION OF POSTERS BASED UPON SECONDARY DATA COLLECTED FOR PRESENTATION IN UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS (USSTC) - 2017.</p>	<p>LOCATIONS STATISTICAL DATA COLLECTED FOR NAINITAL, ALMORA, CHAMPAWAT.</p> <p><b>CLIMATE:</b> RAINFALL DATA COLLECTED FOR NAINITAL, ALMORA, CHAMPAWAT (2010-2014) IN LITERATURE INFORMATION AVAILABLE</p> <p><b><u>C. POPULATION</u></b></p> <p>POPULATION CENSUS DATA COLLECTED FROM 2001 AND 2011 FOR NAINITAL, ALMORA, CHAMPAWAT.</p> <p><b><u>D. EDUCATION</u></b></p> <p><b>ALMORA-</b> 2008, 2009, 2013, 2014, 2015</p> <p><b>CHAMPAWAT-</b> 2007</p> <p><b>NAINITAL-</b> 2014</p> <p>DATA COLLECTED FOR -</p> <ul style="list-style-type: none"> <li>• <b>TOTAL NUMBER OF SCHOOLS</b></li> <li>• <b>TOTAL NUMBER OF STUDENTS</b></li> <li>• <b>TOTAL NUMBER OF TEACHERS</b></li> </ul> <p><b>TOTAL NUMBER OF EDUCATIONAL INSTITUTES, ITI (INDUSTRIAL TRAINING INSTITUTE) , POLYTECH, DIET (DISTRICT INSTITUTE OF EDUCATION AND TRAINING)</b></p> <p><b><u>E. HEALTH</u></b></p> <p><b>ALMORA-</b> 2008, 2009, 2013, 2014, 2015</p> <p><b>CHAMPAWAT-</b> 2007</p> <p><b>NAINITAL-</b> 2014</p> <p>DATA COLLECTED FOR -</p> <ul style="list-style-type: none"> <li>• <b>DISPENSARIES UNDER AYUSH SYSTEMS</b></li> <li>• <b>DISPENSARIES AND BENEFICIARIES UNDER CENTRAL GOVERNMENT HEALTH</b></li> </ul>	
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			<p><b>SCHEME(CGHS)</b></p> <ul style="list-style-type: none"> <li>• ADMINISTRATIVE STRUCTURE AND RURAL HEALTH INFRASTRUCTURE</li> <li>• NUMBER OF REGISTERED ALLOPATHIC DOCTORS &amp; DENTAL SURGEONS</li> <li>• REGISTERED PRACTITIONERS UNDER AYUSH SYSTEMS</li> <li>• NUMBER OF ALLOPATHIC MEDICAL &amp; DENTAL COLLEGES</li> <li>• NUMBER OF INSTITUTES UNDER AYUSH SYSTEMS</li> </ul> <p><b><u>F. FOREST AND WILDLIFE</u></b></p> <p><b>FORESTS:</b> TYPES OF FORESTS, FOREST COVER AND DISTRIBUTION, FOREST PRODUCE AND YIELD (2001, 2003, 2005, 2009, 2011, 2015) COLLECTED FOR NAINITAL, ALMORA, CHAMPAWAT.</p> <p><b>WILDLIFE AND BIOVERSITY:</b> LITERATURE INFORMATION COLLECTED FOR NAINITAL, ALMORA, CHAMPAWAT HAS BEEN COLLECTED.</p> <p><b><u>G. AGRICULTURE &amp; LIVESTOCK</u></b></p> <p><b>DATA COLLECTED</b></p> <p><b>ALMORA-</b> 2008, 2009, 2013, 2014, 2015</p> <p><b>CHAMPAWAT-</b> 2007</p> <p><b>NAINITAL-</b> 2014</p> <p>DATA COLLECTED FOR</p> <ul style="list-style-type: none"> <li>• LAND USE PATTERN</li> <li>• AREA UNDER CROPS</li> <li>• CROP PRODUCTION AND YIELD</li> <li>• TRADITIONALLY PRACTISED CROPS</li> <li>• FRUIT PRODUCTION.</li> </ul> <p><b>SERICULTURE - DATA COLLECTED FOR 2009-10</b></p>	
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			<p><b>APICULTURE</b> - DATA COLLECTED (ONLY BEEKEEPER).</p> <p><b>FISHERIES</b> – FINGERLINGS DISTRIBUTION AND FARM DISTRIBUTION DATA COLLECTED.</p> <p><b>LIVESTOCK</b> - CENSUS REPORTS 2007, 2012 HAVE BEEN COLLECTED FOR NAINITAL, ALMORA AND CHAMPAWAT.</p> <p><b><u>H. WATER</u></b></p> <p><b>WATER SOURCES:</b> DATA HAS BEEN COLLECTED FOR:</p> <p><b>NAINITAL-</b> WELLS, SPRING (2009-10) , RIVER</p> <p><b>ALMORA-</b> SPRING (2009-10), RIVER</p> <p><b>CHAMPAWAT-</b> WELLS (2009-10) , RIVER</p> <p><b>IRRIGATION</b> DATA COLLECTED FOR NAINITAL, ALMORA, CHAMPAWAT 2008-09, 2009-10, 2011-12.</p> <p><b><u>I. ENERGY</u></b></p> <p><b>DAMS &amp; BARRAGES</b> – 2001-2014 (NAINITAL, ALMORA, CHAMPAWAT)</p> <p><b>WATER MILL</b> – 2013 (NAINITAL, ALMORA, CHAMPAWAT)</p> <p><b>ELECTRIFICATION</b> - 2014 (NAINITAL, ALMORA, CHAMPAWAT)</p> <p><b>ROOFTOP SOLAR ELECTRIFICATION:</b> DATA FOR NAINITAL, ALMORA AND CHAMPAWAT HAS BEEN COLLECTED.</p> <ul style="list-style-type: none"> <li>• <b>ELECTRIFICATION &amp; HAMLETS</b> (2001-12)</li> <li>• <b>LED</b> (2008-11)</li> </ul>	
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**BIOGAS, BIOENERGY, BIOFUEL - DATA**  
COLLECTED FOR NAINITAL. NO INFORMATION  
AVAILABLE FOR ALMORA AND CHAMPAWAT.

**J. INDUSTRIAL**

**ALMORA-** 2008, 2009, 2013, 2014, 2015  
**CHAMPAWAT-** 2007  
**NAINITAL-** 2014

**K. TOURISM**

LITERATURE DATA COLLECTED FOR NAINITAL,  
ALMORA, CHAMPAWAT.

**L. TRANSPORT & COMMUNICATION**

LITERATURE DATA COLLECTED FOR NAINITAL,  
ALMORA, CHAMPAWAT.

**ROADS:**

DATA COLLECTED FOR:

**ALMORA-**2008, 2009, 2013, 2014, 2015

**CHAMPAWAT:** 2007

**PITHORAGARH:** 2014, 2012, 2007

**RAILWAYS:**

**NAINITAL-** 2014

**ALMORA-** NO FACILITY AVAILABLE

**CHAMPAWAT-** 2007

**AIRWAYS:**

**NAINITAL-** NO FACILITY AVAILABLE

**ALMORA-** NO FACILITY AVAILABLE

			<p><b>CHAMPAWAT- NO FACILITY AVAILABLE</b></p> <p style="text-align: center;"><b><u>COMMUNICATION</u></b></p> <p><b>RADIO STATIONS-</b> 21 RADIO STATIONS INCLUDING NAINITAL, ALMORA, CHAMPAWAT.</p> <p><b>POST OFFICES-</b> DATA COLLECTED FOR NAINITAL (2014), ALMORA (2008-09,2013-15), CHAMPAWAT(2007).</p> <p><b>NUMBER OF TELEPHONE CONNECTIONS:</b> DATA COLLECTED FOR:</p> <ul style="list-style-type: none"> <li>• <b>ALMORA-</b>2008, 2009, 2013, 2014, 2015</li> <li>• <b>CHAMPAWAT:</b> 2007</li> <li>• <b>NAINITAL:</b> 2014</li> </ul> <p><b><u>M. SCIENCE AND TECHNOLOGY</u></b></p> <p>INFORMATION FOR SCIENCE CONGRESS, NCERT AVAILABLE</p> <p><b><u>N. DISASTER &amp; DISASTER MANAGEMENT</u></b></p> <p>DISASTER DATA FOR NAINITAL, ALMORA AND CHAMPAWAT HAS BEEN COLLECTED FOR HUMAN LOSS IN LANDSLIDE, EARTHQUAKE - 2001-11, DISASTER – 2005-11.</p>	
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Note: Data, table and figures may be attached as separate source file (.docx, .xls, .jpg, .jpeg, .png, .shp, etc. ).

## Himalayan Junior Research/Project Fellows

### H-JPFs Profile Description:

S. No.	Name of JPF	Date of Joining	Name of the PI	Qualification
1.	H-JPF001 Ms. Shravi Agarwal	27 <sup>th</sup> June 2016	Dr. Rajendra Dobhal PhD; FAFESc; FNASc	BSc.; MSc.
2	H-JPF002 Ms. Pooja Kala	12 <sup>nd</sup> July 2016	Dr. Rajendra Dobhal PhD; FAFESc; FNASc	BSc.; MSc.

3.	H-JPF003 Mr. Prabhakar Semwal	08 <sup>th</sup> July 2016	Dr. Rajendra Dobhal PhD; FAFESc; FNASc	BSc.; MSc.
4.	H-JPF004 Mr. Vineet Pal	21 <sup>st</sup> July 2016	Dr. Rajendra Dobhal PhD; FAFESc; FNASc	BSc.; MSc.

**Progress Report: To be filled for each JPF in separate row.**

JPF No.	Research Objectives	Achievements	Addressed Deliverable	Location of Demonstration/ Study Site with Details
H-JPF001	<ul style="list-style-type: none"> <li>DETAILED RELEVANT CREDIBLE INFORMATION AND DATABASE ON ENVIRONMENTAL ISSUES.</li> <li>ENVIRONMENTAL STATUS OF THE STATE.</li> </ul>	<ol style="list-style-type: none"> <li>RECRUITMENT PROCESS OF PROJECT STAFF (APRIL TO JUNE)</li> <li>DISTRICT DISTRIBUTIONS AS PER NMHS – HRF TO HIMALAYAN RESEARCH FELLOWS.</li> <li>FINALIZATION OF RESOURCE ATLAS SECTIONS FOR 13 DISTRICTS OF UTTARAKHAND.</li> <li>SECONDARY DATA COLLECTION FROM OPEN ACCESS DATABASE i.e., GOVERNMENT PUBLICATIONS AND OFFICIAL STATISTICS.</li> <li>PREPARATION AND SUBMISSION OF POSTERS BASED UPON SECONDARY DATA COLLECTED FOR PRESENTATION IN UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS (USSTC) - 2017.</li> </ol>	<p><b><u>A. DISTRICT AT A GLANCE</u></b></p> <p>DATA COLLECTED IN LITERATURE INFORMATION FOR DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR.</p> <p><b><u>B. TOPOGRAPHY</u></b></p> <p><b>GEOGRAPHY:</b> DATA COLLECTED IN LITERATURE FORM FOR DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR.</p> <p><b>GEOLOGY:</b> DATA COLLECTED FOR UDHAM SINGH NAGAR AND DATA TO BE COLLECTED FOR DEHRADUN AND HARIDWAR MINERAL OCCURRENCE AND GEOGRAPHIC LOCATIONS STATISTICAL DATA COLLECTED FOR DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR.</p> <p><b>CLIMATE:</b> RAINFALL DATA COLLECTED FOR HARIDWAR AND UDHAM SINGH NAGAR RAINFALL DATA (2010-2014), DEHRADUN (2001-2016) FOR TEMPERATURE, HUMUDITY AND PRECIPITATION.</p> <p><b><u>C. POPULATION</u></b></p> <p>POPULATION CENSUS 2001 AND 2011, DATA COLLECTED FOR DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR.</p> <p><b><u>D. EDUCATION</u></b></p>	<ul style="list-style-type: none"> <li>UDHAM SINGH NAGAR</li> <li>HARIDWAR</li> <li>DEHRADUN</li> </ul>

			<p><b>DEHRADUN-2010</b></p> <p><b>HARIDWAR-</b> 2006, 2007, 2008, 2010, 2011, 2012, 2013, 2014</p> <p><b>U.S.NAGAR-</b> 2006, 2008 2009, 2014</p> <p>DATA COLLECTED FOR -</p> <ul style="list-style-type: none"> <li>• <b>TOTAL NUMBER OF SCHOOLS</b></li> <li>• <b>TOTAL NUMBER OF STUDENTS</b></li> <li>• <b>TOTAL NUMBER OF TEACHERS</b></li> </ul> <p><b>TOTAL NUMBER OF EDUCATIONAL INSTITUTES, ITI (INDUSTRIAL TRAINING INSTITUTE , POLYTECH, DIET (DISTRICT INSTITUTE OF EDUCATION AND TRAINING)</b></p> <p><b><u>E. HEALTH</u></b></p> <p><b>DEHRADUN-2010</b></p> <p><b>HARIDWAR-</b> 2006, 2007, 2008, 2010, 2011, 2012, 2013, 2014</p> <p><b>U.S.NAGAR-</b> 2006, 2008 2009, 2014</p> <p>DATA COLLECTED FOR -</p> <ul style="list-style-type: none"> <li>• <b>DISPENSARIES UNDER AYUSH SYSTEMS</b></li> <li>• <b>DISPENSARIES AND BENEFICIARIES UNDER CENTRAL GOVERNMENT HEALTH SCHEME(CGHS)</b></li> <li>• <b>ADMINISTRATIVE STRUCTURE AND RURAL HEALTH INFRASTRUCTURE</b></li> <li>• <b>NUMBER OF REGISTERED ALLOPATHIC DOCTORS &amp; DENTAL SURGEONS</b></li> <li>• <b>REGISTERED PRACTITIONERS UNDER AYUSH SYSTEMS</b></li> <li>• <b>NUMBER OF ALLOPATHIC MEDICAL &amp; DENTAL COLLEGES</b></li> <li>• <b>NUMBER OF INSTITUTES UNDER AYUSH SYSTEMS</b></li> </ul>	
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**F. FOREST AND WILDLIFE**

**FORESTS:**TYPES OF FORESTS, FOREST COVER AND DISTRIBUTION, FOREST PRODUCE AND YIELD (2001, 2003, 2005, 2009, 2011, 2015) COLLECTED FOR DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR.

**WILDLIFE AND BIOVERSITY:**LITERATURE INFORMATION COLLECTED FOR DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR.

**G. AGRICULTURE AND LIVESTOCK**

**DATA COLLECTED:**

**DEHRADUN-**2010

**HARIDWAR-** 2006, 2007, 2008, 2010, 2011, 2012, 2013, 2014

**U.S.NAGAR-** 2006, 2008 2009, 2014

DATA COLLECTED FOR

- LAND USE PATTERN
- AREA UNDER CROPS
- CROP PRODUCTION AND YIELD
- TRADITIONALLY PRACTISED CROPS
- FRUIT PRODUCTION.

**SERICULTURE-** DATA COLLECTED FOR 2009-10.

**APICULTURE-**DATA COLLECTED (ONLY BEEKEEPER)

**FISHERIES –** FINGERLINGS DISTRIBUTION AND FARM DISTRIBUTION DATA COLLECTED.

**LIVESTOCK-** CENSUS REPORTS 2007, 2012 HAVE BEEN COLLECTED FOR DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR.

**H. WATER**

**WATER SOURCES:** DATA HAS BEEN COLLECTED FOR

- **WELLS, SPRING (2009-10), RIVER** FOR DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR.
- **IRRIGATION** - DATA COLLECTED FOR DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR. FROM 2008-09, 2009-10, and 2011-12

**I. ENERGY**

**DAMS & BARRAGES** – 2001-2014 (DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR)

**WATER MILL** – 2013 (DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR)

**ELECTRIFICATION** - 2014 (DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR)

**ROOFTOP SOLAR ELECTRIFICATION:**  
DATA COLLECTED FOR DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR.

- **ELECTRIFICATION & HAMLETS** (2001-12)
- **LED** (2008-11)

**BIOGAS, BIOENERGY, BIOFUEL** - DATA AVAILABLE FOR DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR.

**J. INDUSTRIAL**

**DEHRADUN**-2010

**HARIDWAR**- 2006, 2007, 2008, 2010, 2011, 2012, 2013, 2014

**U.S.NAGAR**- 2006, 2008 2009, 2011

**K. TOURISM**

LITERATURE DATA COLLECTED FOR DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR.

**L. TRANSPORT AND COMMUNICATION**

LITERATURE DATA COLLECTED FOR DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR.

**ROADS:**

DATA COLLECTED FOR:

**DEHRADUN:** 2010

**HARIDWAR:** 2014, 2013, 2012, 2011, 2010, 2008, 2007, 2006

**U.S.NAGAR-** 2014, 2009, 2008, 2006

**RAILWAYS:**

**HARIDWAR -** 2014, 2013, 2012, 2011, 2010, 2008, 2007, 2006

**U.S. NAGAR:** 2014, 2009, 2008, 2006

**DEHRADUN:** 2010

**AIRWAYS:**

DATA TO BE COLLECTED FOR DEHRADUN AND U.S.NAGAR, NO FACILITY AVAILABLE FOR HARIDWAR

**COMMUNICATION**

**RADIO STATIONS-** 21 RADIO STATIONS IN ALL DISTRICTS INCLUDING DEHRADUN, HARIDWAR AND UDHAM SINGH NAGAR.

**POST OFFICES-** DATA HAS BEEN COLLECTED FOR DEHRADUN (2010), HARIDWAR (2006-08, 2010-14)

			<p>AND U.S.NAGAR (2006, 2008-09, 2014).</p> <p><b>NUMBER OF TELEPHONE CONNECTIONS</b></p> <ul style="list-style-type: none"> <li>• <b>DEHRADUN:</b> 2010</li> <li>• <b>HARIDWAR:</b> 2014, 2013, 2012, 2011, 2010, 2008, 2007, 2006</li> <li>• <b>U.S.NAGAR-</b> 2014, 2009, 2008, 2006</li> </ul> <p><b><u>M. SCIENCE AND TECHNOLOGY</u></b></p> <p>INFORMATION FOR SCIENCE CONGRESS, NCERT HAS BEEN COLLECTED.</p> <p><b><u>N. DISASTER &amp; DISASTER MANAGEMENT</u></b></p> <p>DISASTER DATA FOR NAINITAL, ALMORA AND CHAMPAWAT HAS BEEN COLLECTED FOR HUMAN LOSS IN LANDSLIDE, EARTHQUAKE - 2001-11, DISASTER – 2005-11</p>	
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<p><b>H-JPF002</b></p>	<ul style="list-style-type: none"> <li>BRIEF DETAILS ABOUT THE SELECTED DISTRICTS OF UTTARAKHAND AND ANALYZED DATA TO DETECT CHANGES OR SEE TRENDS AND PATTERNS OF CHANGES</li> </ul>	<ol style="list-style-type: none"> <li>1. RECRUITMENT PROCESS OF PROJECT STAFF (APRIL TO JUNE)</li> <li>2. DISTRICT DISTRIBUTIONS AS PER NMHS – HRF TO HIMALAYAN RESEARCH FELLOWS.</li> <li>3. FINALIZATION OF RESOURCE ATLAS SECTIONS FOR 13 DISTRICTS OF UTTARAKHAND.</li> <li>4. SECONDARY DATA COLLECTION FROM OPEN ACCESS DATABASE i.e., GOVERNMENT PUBLICATIONS AND OFFICIAL STATISTICS.</li> <li>5. PREPARATION AND SUBMISSION OF POSTERS BASED UPON SECONDARY DATA COLLECTED FOR PRESENTATION IN UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS (USSTC) - 2017.</li> </ol>	<p><b><u>A. DISTRICT AT A GLANCE</u></b></p> <p>DATA COLLECTED IN LITERATURE FORM FOR PAURI GARHWAL, TEHRI GARHWAL, CHAMOLI</p> <p><b><u>B. TOPOGRAPHY</u></b></p> <p><b>GEOGRAPHY:</b>DATA COLLECTED IN LITERATURE FORM FOR PAURI GARHWAL, TEHRI GARHWAL, CHAMOLI IN LITERATURE FORM</p> <p><b>GEOLOGY:</b>DATA COLLECTED FOR PAURI GARHWAL, TEHRI GARHWAL, CHAMOLI IN LITERATURE FORM</p> <p>MINERAL OCCURRENCE AND GEOGRAPHIC LOCATIONS STATISTICAL DATA COLLECTED FOR PAURI GARHWAL, TEHRI GARHWAL, CHAMOLI.</p> <p><b>CLIMATE:</b> RAINFALL DATA COLLECTED FOR PAURI GARHWAL, CHAMOLI (2010-2014). DATA TO BE COLLECTED FOR TEHRI GARHWAL.</p> <p><b><u>C. POPULATION</u></b></p> <p>POPULATION CENSUS DATA 2001 AND 2011 COLLECTED FOR PAURI GARHWAL, TEHRI GARHWAL, CHAMOLI.</p> <p><b><u>D. EDUCATION</u></b></p> <p><b>CHAMOLI-</b> 2008, 2009, 2012, 2013, 2014</p> <p><b>PAURI GARHWAL-</b> 2007, 2011, 2012, 2013, 2014</p> <p><b>TEHRI GARHWAL-</b> 2010, 2011, 2012 2013,</p> <p>DATA COLLECTED FOR -</p> <ul style="list-style-type: none"> <li>TOTAL NUMBER OF SCHOOLS</li> <li>TOTAL NUMBER OF STUDENTS</li> <li>TOTAL NUMBER OF TEACHERS</li> </ul> <p><b>TOTAL NUMBER OF EDUCATIONAL INSTITUTES, ITI</b></p>	<ul style="list-style-type: none"> <li>PAURI GARHWAL</li> <li>CHAMOLI</li> <li>TEHRI GARHWAL</li> </ul>
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(INDUSTRIAL TRAINING INSTITUTE) , **POLYTECH, DIET** (DISTRICT INSTITUTE OF EDUCATION AND TRAINING)

### **E. HEALTH**

**CHAMOLI-** 2008, 2009, 2012, 2013, 2014

**PAURI GARHWAL-** 2007, 2011, 20 12, 2013, 2014

**TEHRI GARHWAL-** 2010, 2011, 2012 2013,

DATA COLLECTED FOR -

- **DISPENSARIES UNDER AYUSH SYSTEMS**
- **DISPENSARIES AND BENEFICIARIES UNDER CENTRAL GOVERNMENT HEALTH SCHEME(CGHS)**
- **ADMINISTRATIVE STRUCTURE AND RURAL HEALTH INFRASTRUCTURE**
- **NUMBER OF REGISTERED ALLOPATHIC DOCTORS & DENTAL SURGEONS**
- **REGISTERED PRACTITIONERS UNDER AYUSH SYSTEMS**
- **NUMBER OF ALLOPATHIC MEDICAL & DENTAL COLLEGES.**
- **NUMBER OF INSTITUTES UNDER AYUSH SYSTEMS.**

### **F. FOREST AND WILDLIFE**

**FORESTS-**TYPES OF FORESTS, FOREST COVER AND DISTRIBUTION, FOREST PRODUCE AND YIELD (**2001, 2003, 2005, 2009, 2011, 2015**) DATA HAS BEEN COLLECTED FOR PAURI GARHWAL, TEHRI GARHWAL AND CHAMOLI.

**WILDLIFE AND BIOVERSITY:** LITERATURE INFORMATION FOR PAURI GARHWAL, TEHRI GARHWAL AND CHAMOLI HAS BEEN COLLECTED.

### **G. AGRICULTURE AND LIVESTOCK**

			<p><b>DATA COLLECTED:</b></p> <p><b>CHAMOLI-</b> 2008, 2009, 2012, 2013, 2014</p> <p><b>PAURI GARHWAL-</b> 2007, 2011, 2012, 2013, 2014</p> <p><b>TEHRI GARHWAL-</b> 2010, 2011, 2012, 2013,</p> <p>DATA COLLECTED FOR</p> <ul style="list-style-type: none"> <li>• LAND USE PATTERN</li> <li>• AREA UNDER CROPS</li> <li>• CROP PRODUCTION AND YIELD</li> <li>• TRADITIONALLY PRACTISED CROPS</li> <li>• FRUIT PRODUCTION.</li> </ul> <p><b>SERICULTURE:</b> DATA COLLECTED FOR 2009-10.</p> <p><b>APICULTURE:</b> DATA COLLECTED (ONLY BEEKEEPER).</p> <p><b>FISHERIES:</b> FINGERLINGS DISTRIBUTION AND FARM DISTRIBUTION DATA COLLECTED.</p> <p><b>LIVESTOCK:</b> CENSUS REPORTS 2007, 2012 DATA FOR PAURI GARHWAL, TEHRI GARHWAL, CHAMOLI HAS BEEN COLLECTED.</p> <p><b><u>H. WATER</u></b></p> <p><b>WATER SOURCES:</b> DATA HAS BEEN COLLECTED FOR:</p> <ul style="list-style-type: none"> <li>• <b>GLACIER AND RIVER</b> - LITERATURE DATA HAS BEEN COLLECTED FOR PAURI GARHWAL, TEHRI GARHWAL, CHAMOLI.</li> <li>• <b>IRRIGATION</b> - DATA HAS BEEN COLLECTED FOR PAURI GARHWAL, TEHRI GARHWAL, CHAMOLI FROM 2008-09, 2009-10, 2011-12</li> </ul> <p><b><u>I. ENERGY</u></b></p> <p><b>DAMS &amp; BARRAGES-</b> 2001 - 2014 (PAURI</p>	
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			<p>GARHWAL, TEHRI GARHWAL, CHAMOLI)</p> <p><b>WATER MILL – 2013</b> (PAURI GARHWAL, TEHRI GARHWAL, CHAMOLI)</p> <p><b>ELECTRIFICATION- 2014</b> (PAURI GARHWAL, TEHRI GARHWAL, CHAMOLI)</p> <p><b>ROOFTOP SOLAR ELECTRIFICATION:</b> DATA FOR PAURI GARHWAL, TEHRI GARHWAL AND CHAMOLI HAS BEEN COLLECTED.</p> <ul style="list-style-type: none"> <li>• <b>ELECTRIFICATION &amp; HAMLETS</b> (2001-12)</li> <li>• <b>LED</b> (2008-11)</li> </ul> <p><b>BIOGAS, BIOENERGY, BIOFUEL-</b> DATA AVAILABLE FOR TEHRI GARHWAL. NO INFORMATION AVAILBE FOR CHAMOLI AND PAURI GARHWAL.</p> <p><b><u>J. INDUSTRIAL</u></b></p> <p><b>CHAMOLI-</b> 2008,2009 , 2012, 2013, 2014</p> <p><b>PAURI GARHWAL-</b> 2007, 2011, 2012, 2013, 2014</p> <p><b>TEHRI GARHWAL-</b> 2010, 2011, 2012 2013,</p> <p><b><u>K. TOURISM</u></b></p> <p>LITERATURE DATA COLLECTED FOR PAURI GARHWAL, TEHRI GARHWAL, CHAMOLI.</p> <p><b><u>L. TRANSPORT AND COMMUNICATION</u></b></p> <p>LITERATURE DATA COLLECTED FOR PAURI GARHWAL, TEHRI GARHWAL, CHAMOLI.</p> <p style="text-align: center;"><b><u>ROADS:</u></b></p> <p>DATA COLLECTED FOR:</p> <p><b>CHAMOLI:</b> 2008, 2009, 2012, 2013, 2014</p>	
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			<p><b>PAURI GARHWAL:</b> 2014, 2013, 2012, 2011, 2007</p> <p><b>TEHRI GARHWAL:</b> 2013, 2012, 2011, 2010</p> <p style="text-align: center;"><b><u>RAILWAYS-</u></b></p> <p><b>CHAMOLI:</b> NO FACILITY AVAILABLE</p> <p><b>PAURI GARHWAL:</b> NO FACILITY AVAILABLE</p> <p><b>TEHRI GARHWAL:</b> NO FACILITY AVAILABLE</p> <p style="text-align: center;"><b><u>AIRWAYS:</u></b></p> <p><b>CHAMOLI:</b> NO FACILITY AVAILABLE</p> <p><b>PAURI GARHWAL:</b> NO FACILITY AVAILABLE</p> <p><b>TEHRI GARHWAL:</b> NO FACILITY AVAILABLE</p> <p style="text-align: center;"><b><u>COMMUNICATION:</u></b></p> <p><b>RADIO STATIONS -</b> 21 RADIO STATIONS INCLUDING PAURI GARHWAL, TEHRI GARHWAL, CHAMOLI DATA HAS BEEN COLLECTED.</p> <p><b>POST OFFICES -</b> DATA COLLECETD FOR PAURI GARHWAL (2007, 2011-14), TEHRI GARHWAL (2010-2013), CHAMOLI (2008-09,2012-14).</p> <p><b>NUMBER OF TELEPHONE CONNECTIONS</b></p> <p>DATA COLLECTED FOR:</p> <ul style="list-style-type: none"> <li>• <b>CHAMOLI:</b> 2008, 2009, 2012, 2013, 2014</li> <li>• <b>PAURI GARHWAL:</b> 2014, 2013, 2012, 2011, 2007</li> </ul> <p style="text-align: center;"><b><u>M. SCIENCE AND TECHNOLOGY</u></b></p> <p>INFORMATION FOR SCIENCE CONGRESS, NCERT AVAILABLE</p> <p><b><u>N.DISASTER &amp; DISASTER MANAGEMENT</u></b></p>	
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			DISASTER DATA FOR NAINITAL, ALMORA AND CHAMPAWAT HAS BEEN COLLECTED FOR HUMAN LOSS IN LANDSLIDE, EARTHQUAKE - 2001-11, DISASTER – 2005-11.	
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<p>H-JPF003</p>	<ul style="list-style-type: none"> <li>BRIEF DETAILS ABOUT THE SELECTED DISTRICTS OF UTTARKHAND AND ANALYZED DATA TO DETECT CHANGES OR SEE TRENDS AND PATTERN OF CHANGES.</li> </ul>	<ol style="list-style-type: none"> <li>RECRUITMENT PROCESS OF PROJECT STAFF (APRIL TO JUNE)</li> <li>DISTRICT DISTRIBUTIONS AS PER NMHS – HRF TO HIMALAYAN RESEARCH FELLOWS.</li> <li>FINALIZATION OF RESOURCE ATLAS SECTIONS FOR 13 DISTRICTS OF UTTARAKHAND.</li> <li>SECONDARY DATA COLLECTION FROM OPEN ACCESS DATABASE i.e., GOVERNMENT PUBLICATIONS AND OFFICIAL STATISTICS.</li> <li>PREPARATION AND SUBMISSION OF POSTERS BASED UPON SECONDARY DATA COLLECTED FOR PRESENTATION IN UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS (USSTC) - 2017.</li> </ol>	<p><b><u>A.DISTRICT AT A GLANCE</u></b></p> <p>DATA COLLECTED IN LITERATURE FORM FOR UTTARKASHI AND RUDRAPRAYAG</p> <p><b><u>B. TOPOGRAPHY</u></b></p> <p><b>GEOGRAPHY:</b>DATA COLLECTED FOR UTTARKASHI AND RUDRAPRAYAG IN LITERATURE FORM</p> <p><b>GEOLOGY:</b>DATA COLLECTED FOR UTTARKASHI AND RUDRAPRAYAG IN LITERATURE FORM MINERAL OCCURRENCE AND GEOGRAPHIC LOCATIONS STATISTICAL DATA COLLECTED FOR UTTARKASHI AND RUDRAPRAYAG.</p> <p><b>CLIMATE:</b> RAINFALL DATA COLLECTED FOR UTTARKASHI AND RUDRAPRAYAG (2010-2014) LITERATURE INFORMATION COLLECTED.</p> <p><b><u>C. POPULATION</u></b></p> <p>POPULATION CENSUS 2001 AND 2011 DATA COLLECTED FOR UTTARKASHI AND RUDRAPRAYAG.</p> <p><b><u>D. EDUCATION</u></b></p> <p><b>RUDRAPRAYAG-</b> 2008, 2009, 2010, 2011, 2012, 2013, 2014</p> <p><b>UTTARKASHI-</b> 2009, 2010, 2011, 2012, 2013, 2014, 2015</p> <p>DATA COLLECTED FOR -</p> <ul style="list-style-type: none"> <li>TOTAL NUMBER OF SCHOOLS</li> <li>TOTAL NUMBER OF STUDENTS</li> <li>TOTAL NUMBER OF TEACHERS</li> </ul> <p><b>TOTAL NUMBER OF EDUCATIONAL INSTITUTES, ITI (INDUSTRIAL TRAINING INSTITUTE) , POLYTECH, DIET (DISTRICT INSTITUTE OF EDUCATION AND TRAINING)</b></p>	<ul style="list-style-type: none"> <li>RUDRAPRAYAG</li> <li>UTTARKASHI</li> </ul>
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**E. HEALTH**

**RUDRAPRAYAG-** 2008, 2009, 2010, 2011, 2012, 2013, 2014

**UTTARKASHI-** 2009, 2010, 2011, 2012, 2013, 2014, 2015

DATA COLLECTED FOR -

- **DISPENSARIES UNDER AYUSH SYSTEMS**
- **DISPENSARIES AND BENEFICIARIES UNDER CENTRAL GOVERNMENT HEALTH SCHEME(CGHS)**
- **ADMINISTRATIVE STRUCTURE AND RURAL HEALTH INFRASTRUCTURE**
- **NUMBER OF REGISTERED ALLOPATHIC DOCTORS & DENTAL SURGEONS**
- **REGISTERED PRACTITIONERS UNDER AYUSH SYSTEMS**
- **NUMBER OF ALLOPATHIC MEDICAL & DENTAL COLLEGES.**
- **NUMBER OF INSTITUTES UNDER AYUSH SYSTEMS.**

**F. FOREST AND WILDLIFE**

**FORESTS:** TYPES OF FORESTS, FOREST COVER AND DISTRIBUTION, FOREST PRODUCE AND YIELD **(2001, 2003, 2005, 2009, 2011, 2015)** COLLECTED FOR UTTARKASHI AND RUDRAPRAYAG

**WILDLIFE AND BIOVERSITY:**LITERATURE INFORMATION COLLECTED FOR UTTARKASHI AND RUDRAPRAYAG

**G. AGRICULTURE AND LIVESTOCK**

DATA COLLECTED

**RUDRAPRAYAG-** 2008, 2009, 2010, 2011, 2012, 2013, 2014

			<p><b>UTTARKASHI-</b> 2009, 2010, 2011, 2012, 2013, 2014, 2015</p> <p>DATA COLLECTED FOR</p> <ul style="list-style-type: none"> <li>• LAND USE PATTERN</li> <li>• AREA UNDER CROPS</li> <li>• CROP PRODUCTION AND YIELD</li> <li>• TRADITIONALLY PRACTISED CROPS</li> <li>• FRUIT PRODUCTION.</li> </ul> <p><b>SERICULTURE-</b> DATA COLLECTED FOR 2009-10.</p> <p><b>APICULTURE</b>–DATA COLLECTED (ONLY BEEKEEPER)</p> <p><b>FISHERIES</b> –FINGERLINGS DISTRIBUTION AND FARM DISTRIBUTION DATA COLLECTED.</p> <p><b>LIVESTOCK-</b> CENSUS REPORTS 2007, 2012 DATA COLLECTED FOR UTTARKASHI AND RUDRAPRAYAG</p> <p><b><u>H. WATER</u></b></p> <p><b>WATER SOURCES:</b> DATA HAS BEEN COLLECTED FOR</p> <ul style="list-style-type: none"> <li>• <b>GLACIER AND RIVER</b> - DATA HAS BEEN COLLECTED FOR RUDRPRAYAG, UTTARKASHI.</li> <li>• <b>IRRIGATION</b> - DATA COLLECTED FOR UTTARKASHI AND RUDRAPRAYAG FROM 2008-09, 2009-10, 2011-12</li> </ul> <p><b><u>I. ENERGY</u></b></p> <p><b>DAMS &amp; BARRAGES-</b> 2001-2014 (UTTARKASHI AND RUDRAPRAYAG)</p> <p><b>WATER MILL</b> – 2013 (UTTARKASHI AND RUDRAPRAYAG)</p> <p><b>ELECTRIFICATION-</b> 2014 (UTTARKASHI AND</p>	
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			<p>RUDRAPRAYAG)</p> <p><b>ROOFTOP SOLAR ELECTRIFICATION:</b> DATA FOR UTTARKASHI AND RUDRAPRAYAG HAS BEEN COLLECTED.</p> <ul style="list-style-type: none"> <li>• <b>ELECTRIFICATION &amp; HAMLETS</b> (2001-12)</li> <li>• <b>LED</b> (2008-11)</li> </ul> <p><b>BIOGAS, BIOENERGY, BIOFUEL</b> - NO INFORMATION AVAILABLE FOR RUDRAPRAYAG AND UTTARKASHI.</p> <p><b><u>J. INDUSTRIAL</u></b></p> <p><b>RUDRAPRAYAG-</b> 2008, 2009, 2010, 2011, 2012, 2013, 2014</p> <p><b>UTTARKASHI-</b> 2009, 2010, 2011, 2012, 2013, 2014, 2015</p> <p><b><u>K. TOURISM</u></b></p> <p>LITERATURE DATA HAS BEEN COLLECTED FOR UTTARKASHI AND RUDRAPRAYAG.</p> <p><b><u>L. TRANSPORT AND COMMUNICATION</u></b></p> <p>LITERATURE DATA HAS BEEN COLLECTED FOR UTTARKASHI AND RUDRAPRAYAG</p> <p style="text-align: center;"><b><u>ROADS:</u></b></p> <p><b>RUDRAPRAYAG-</b> 2008, 2009, 2010, 2011, 2012, 2013, 2014</p> <p><b>UTTARKASHI-</b> 2015, 2014, 2013, 2012, 2011, 2010, 2009.</p> <p style="text-align: center;"><b><u>RAILWAYS-</u></b></p> <p>DATA COLLECTED FOR:</p> <p><b>RUDRAPRAYAG-</b> NO FACILITY AVAILABLE</p>	
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			<p><b>UTTARKASHI- NO FACILITY AVAILABLE</b></p> <p style="text-align: center;"><b><u>AIRWAYS:</u></b></p> <p>NO FACILITY AVAILABLE</p> <p style="text-align: center;"><b><u>COMMUNICATION:</u></b></p> <p><b>RADIO STATIONS-</b> 21 RADIO STATIONS INCLUDING UTTARKASHI AND RUDRAPRAYAG</p> <p><b>POST OFFICES-</b> DATA COLLECTED FOR UTTARKASHI (2009-15) AND RUDRAPRAYAG (2008-14)</p> <p><b>NUMBER OF TELEPHONE CONNECTIONS</b></p> <p>DATA COLLECTED FOR:</p> <ul style="list-style-type: none"> <li>• <b>RUDRAPRAYAG-</b> 2008, 2009, 2010, 2011, 2012, 2013, 2014</li> <li>• <b>UTTARKASHI-</b> 2015, 2014, 2013, 2012, 2011, 2010, 2009</li> </ul> <p><b><u>M. SCIENCE AND TECHNOLOGY</u></b></p> <p>INFORMATION FOR SCIENCE CONGRESS, NCERT AVAILABLE</p> <p><b><u>N. DISASTER &amp; DISASTER MANAGEMENT</u></b></p> <p>DISASTER DATA FOR NAINITAL, ALMORA AND CHAMPAWAT HAS BEEN COLLECTED FOR HUMAN LOSS IN LANDSLIDE, EARTHQUAKE - 2001-11, DISASTER – 2005-11.</p>	
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<p><b>H-JPF004</b></p>	<ul style="list-style-type: none"> <li>• CREATE DATABASE OF SELECTED DISTRICTS</li> <li>• GENERATE AWARENESS FOR ENVIRONMENTAL ISSUES.</li> </ul>	<ol style="list-style-type: none"> <li>1. RECRUITMENT PROCESS OF PROJECT STAFF.</li> <li>2. DISTRICT DISTRIBUTIONS AS PER NMHS – HRF TO HIMALAYAN RESEARCH FELLOWS.</li> <li>3. FINALIZATION OF RESOURCE ATLAS SECTIONS FOR 13 DISTRICTS OF UTTARAKHAND.</li> <li>4. SECONDARY DATA COLLECTION FROM OPEN ACCESS DATABASE i.e., GOVERNMENT PUBLICATIONS AND OFFICIAL STATISTICS.</li> <li>5. PREPARATION OF REVIEW POSTERS FOR PRESENTATION IN UTTARAKHAND STATE SCIENCE AND TECHNOLOGY CONGRESS (USSTC) - 2017.</li> </ol>	<p><b><u>A.DISTRICT AT A GLANCE</u></b></p> <p>DATA COLLECTED IN LITERATURE FORM FOR BAGESHWAR AND PITHORAGARH.</p> <p><b><u>B. TOPOGRAPHY</u></b></p> <p><b>GEOGRAPHY:</b>DATA COLLECTED IN LITERATURE FORM FOR BAGESHWAR AND PITHORAGARH</p> <p><b>GEOLOGY:</b>DATA COLLECTED FOR BAGESHWAR AND PITHORAGARH IN LITERATURE FORM MINERAL OCCURRENCE AND GEOGRAPHIC LOCATIONS STATISTICAL DATA COLLECTED FOR BAGESHWAR AND PITHORAGARH</p> <p><b>CLIMATE:</b> RAINFALL DATA COLLECTED FOR BAGESHWAR AND PITHORAGARH (2010-2014).</p> <p><b><u>C. POPULATION</u></b></p> <p>POPULATION CENSUS DATA 2001 AND 2011 COLLECTED FOR BAGESHWAR AND PITHORAGARH.</p> <p><b><u>D. EDUCATION</u></b></p> <p><b>BAGESHWAR</b> – 2008, 2009, 2010, 2011, 2012, 2014, 2015  <b>PITHORAGARH-</b> 2007, 2012, 2014</p> <p>DATA COLLECTED FOR -</p> <ul style="list-style-type: none"> <li>• <b>TOTAL NUMBER OF SCHOOLS</b></li> <li>• <b>TOTAL NUMBER OF STUDENTS</b></li> <li>• <b>TOTAL NUMBER OF TEACHERS</b></li> </ul> <p><b>TOTAL NUMBER OF EDUCATIONAL INSTITUTES, ITI (INDUSTRIAL TRAINING INSTITUTE) , POLYTECH, DIET (DISTRICT INSTITUTE OF EDUCATION AND TRAINING)</b></p>	<ul style="list-style-type: none"> <li>• PITHORAGARH</li> <li>• BAGESHWAR</li> </ul>
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**E. HEALTH**

**BAGESHWAR** – 2008, 2009, 2010, 2011, 2012, 2014, 2015

**PITHORAGARH-** 2007, 2012, 2014

DATA COLLECTED FOR -

- **DISPENSARIES UNDER AYUSH SYSTEMS**
- **DISPENSARIES AND BENEFICIARIES UNDER CENTRAL GOVERNMENT HEALTH SCHEME(CGHS)**
- **ADMINISTRATIVE STRUCTURE AND RURAL HEALTH INFRASTRUCTURE**
- **NUMBER OF REGISTERED ALLOPATHIC DOCTORS & DENTAL SURGEONS**
- **REGISTERED PRACTITIONERS UNDER AYUSH SYSTEMS**
- **NUMBER OF ALLOPATHIC MEDICAL & DENTAL COLLEGES.**
- **NUMBER OF INSTITUTES UNDER AYUSH SYSTEMS.**

**F. FOREST AND WILDLIFE**

**FORESTS:**TYPES OF FORESTS, FOREST COVER AND DISTRIBUTION, FOREST PRODUCE AND YIELD **(2001, 2003, 2005, 2009, 2011, 2015)** DATA COLLECTED FOR BAGESHWAR AND PITHORAGARH

**WILDLIFE AND BIOVERSITY:**LITERATURE INFORMATION FOR BAGESHWAR AND PITHORAGARH HAS BEEN COLLECTED

**G. AGRICULTURE AND LIVESTOCK**

DATA COLLECTED FOR:

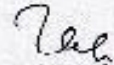
**BAGESHWAR** – 2008, 2009, 2010, 2011, 2012, 2014, 2015

			<p><b>PITHORAGARH- 2007, 2012, 2014</b></p> <p>DATA COLLECTED FOR</p> <ul style="list-style-type: none"> <li>• LAND USE PATTERN</li> <li>• AREA UNDER CROPS</li> <li>• CROP PRODUCTION AND YIELD</li> <li>• TRADITIONALLY PRACTISED CROPS</li> <li>• FRUIT PRODUCTION.</li> </ul> <p><b>SERICULTURE- DATA COLLECTED FOR 2009-10</b></p> <p><b>APICULTURE--DATACOLLECTED(ONLY BEEKEEPER)</b></p> <p><b>FISHERIES –</b> FINGERLINGS DISTRIBUTION AND FARM DISTRIBUTION DATA COLLECTED.</p> <p><b>LIVESTOCK- CENSUS REPORTS 2007, 2012 HAS BEEN COLLECTED FOR BAGESHWAR AND PITHORAGARH.</b></p> <p><b><u>H. WATER</u></b></p> <p><b>WATER SOURCES:DATA HAS BEEN COLLECTED FOR:</b></p> <ul style="list-style-type: none"> <li>• <b>GLACIER AND RIVER - DATA COLLECTED FOR BAGESHWAR AND PITHORAGARH</b></li> <li>• <b>IRRIGATION - DATA COLLECTED FOR BAGESHWAR AND PITHORAGARH FROM 2008-09, 2009-10, 2011-12</b></li> </ul> <p><b><u>I. ENERGY</u></b></p> <p><b>DAMS &amp; BARRAGES – 2001 - 2014 (BAGESHWAR AND PITHORAGARH)</b></p> <p><b>WATER MILL – 2013 (BAGESHWAR AND PITHORAGARH)</b></p> <p><b>ELECTRIFICATION - 2014 (BAGESHWAR AND</b></p>	
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			<p>PITHORAGARH)</p> <p><b>ROOFTOP SOLAR ELECTRIFICATION:</b> DATA FOR BAGESHWAR AND PITHORAGARH HAS BEEN COLLECTED</p> <ul style="list-style-type: none"> <li>• <b>ELECTRIFICATION &amp; HAMLETS</b> (2001-12)</li> <li>• <b>LED</b> (2008-11)</li> </ul> <p><b>BIOGAS, BIOENERGY, BIOFUEL-</b> DATA AVAILABLE FOR PITHORAGARH. NO INFORMATION AVAILABLE FOR BAGESHWAR.</p> <p><b><u>J. INDUSTRIAL</u></b></p> <p><b>BAGESHWAR</b> – 2008, 2009, 2010, 2011, 2012, 2014, 2015</p> <p><b>PITHORAGARH-</b> 2007, 2012, 2014</p> <p><b><u>K. TOURISM</u></b></p> <p>LITERATURE DATA FOR BAGESHWAR AND PITHORAGARH COLLECTED.</p> <p><b><u>L. TRANSPORT AND COMMUNICATION</u></b></p> <p>LITERATURE DATA COLLECTED FOR BAGESHWAR AND PITHORAGARH</p> <p style="text-align: center;"><b><u>ROADS:</u></b></p> <p>DATA COLLECTED FOR:</p> <p><b>BAGESHWAR:</b> 2008, 2009, 2010, 2011, 2012, 2014, 2015</p> <p style="text-align: center;"><b><u>RAILWAYS-</u></b></p> <p><b>BAGESHWAR :</b> NO FACILITY AVAILABLE</p> <p><b>PITHORAGARH :</b> NO FACILITY AVAILABLE</p>	
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			<p style="text-align: center;"><b><u>AIRWAYS:</u></b></p> <p><b>BAGESHWAR : NO FACILITY AVAILABLE</b></p> <p><b>PITHORAGARH : NO FACILITY AVAILABLE</b></p> <p style="text-align: center;"><b><u>COMMUNICATION:</u></b></p> <p><b>RADIO STATIONS - 21 RADIO STATIONS INCLUDING BAGESHWAR AND PITHORAGARH DATA HAS BEEN COLLECTED.</b></p> <p><b>POST OFFICES - DATA COLLECTED FOR BAGESHWAR (2008-12, 2014-15) AND PITHORAGARH (2007,2012, 2014)</b></p> <p><b>NUMBER OF TELEPHONE CONNECTIONS DATA COLLECTED FOR:</b></p> <ul style="list-style-type: none"> <li>• <b>BAGESHWAR:</b> 2008, 2009, 2010, 2011, 2012, 2014, 2015</li> <li>• <b>PITHORAGARH:</b> 2014, 2012, 2007</li> </ul> <p><b><u>M. SCIENCE AND TECHNOLOGY</u></b></p> <p>INFORMATION FOR SCIENCE CONGRESS, NCERT AVAILABLE</p> <p><b><u>N.DISASTER &amp; DISASTER MANAGEMENT</u></b></p> <p>DISASTER DATA FOR NAINITAL, ALMORA AND CHAMPAWAT HAS BEEN COLLECTED FOR HUMAN LOSS IN LANDSLIDE, EARTHQUAKE - 2001-11, DISASTER - 2005-11.</p>	
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Note: Data, table and figures may be attached as separate source file(.docx, .xls, .jpg, .jpeg, .png, .shp, etc).

  
 (Signature of Registrar/ Head of Department)  
 महानिदेशक / Director General  
 विभाग उपनिदेशक / U-COST