



# MoEF & CC supported ENVIS Centre on Medicinal Plants, Bangalore

South Zone Meeting, 20<sup>th</sup> May 2016

**Foundation for Revitalisation of Local Health Traditions (FRLHT), Bangalore**

**Institute for Trans- Disciplinary Health Science and Technology (ITDHST -  
TDU)**

**Bangalore**

# Achievements during 2011-2016 FRLHT's ENVIS Centre on Medicinal Plants, Bangalore

Summary by Month										
Month	Daily Avg				Monthly Totals					
	Hits	Files	Pages	Visits	Sites	kB F	Visits	Pages	Files	Hits
<a href="#">Mar 2016</a>	35865	30031	19273	1661	25067	12755479	24917	289106	450472	537981
<a href="#">Feb 2016</a>	42681	36060	23336	1938	50948	29117849	56204	676768	1045753	1237758
<a href="#">Jan 2016</a>	39093	32964	21364	1554	52356	27575936	48190	662292	1021890	1211909
<a href="#">Dec 2015</a>	36978	31371	20639	1360	48679	26364326	42179	639838	972522	1146328
<a href="#">Nov 2015</a>	38167	32418	21733	1296	50515	25900942	38882	651990	972556	1145031
<a href="#">Oct 2015</a>	37110	30821	20942	1257	54994	29114710	38969	649210	955458	1150421
<a href="#">Sep 2015</a>	35192	29140	18544	1274	56261	29622270	38242	556330	874211	1055781
<a href="#">Aug 2015</a>	35160	29142	19709	1193	54426	29716842	36985	610997	903420	1089983
<a href="#">Jul 2015</a>	32722	28918	19332	1241	50074	29382909	38500	599310	896474	1014398
<a href="#">Jun 2015</a>	30310	27127	17254	1213	51061	27434068	36396	517633	813822	909306
<a href="#">May 2015</a>	26860	24063	15323	1149	47652	24923702	35627	475042	745974	832690
<a href="#">Apr 2015</a>	32622	29397	20143	1225	48424	27142833	36765	604308	881918	978680
<b>Totals</b>						<b>319051866</b>	<b>471856</b>	<b>6932824</b>	<b>10534470</b>	<b>12310266</b>

Disseminated Multi-dimensional Information on Indian Medicinal Plants via Websites/ Apps/ publications/ outreach activities/Querries (2 websites and Apps)

- ❖ Increased visibility= **12 million hits/annum (now!)**
- ❖ E tools-Mobile Apps-Medicinal plants and Neighbourhood Medicinal Plants
- ❖ Handling of query response system: >6000 queries
- ❖ Functional Restructured site(nic.in) accessible (>1.3 lakhs hit)
- ❖ Linked to Bhuvan Platform

## Achievements during 2011-2016

### FRLHT's ENVIS Centre on Medicinal Plants, Bangalore

- Empower People through outreach activities/ forums/ platforms /share experiences:
  - ❖ People familiar with envis sites for decision making support
  - ❖ Built the directory of information for varied users
  - ❖ Databases strengthened with information on regular basis
  - ❖ Being quoted in scientific works as references
  - ❖ Data used for answering *lokasabha/ Rajyasabha* questions
  - ❖ "Science Express" participation
- To Publish, Well Researched, Popular Science Series publications: ( Newsletter, booklets, flyers. Posters, Banners)



Empowering  
people with  
knowledge

**ENVIS INDIA - A National  
Knowledge Network (Kiosk!!)  
Reliable & Latest Information at  
your fingertips**

# Reaching-out/Networking Activities:

- Popularize the network strength at regional/national/international Levels (Diversity of information)
- Empower people with authentic information for research, decision/policy making, conservation action
- Link up to international communities/organisations for knowledge transfer and sharing of best practices as experiences
- Come up with well referenced publications!
- Popularizing the network in all government museums Kiosk/ e-corner or displays
- Connecting to all the libraries across the country to use e-service
- Make suggested citation for each of the site, so that it is quoted in scientific publications.

# Annual Plan of Activities for 2016-2017

## **I. Maintenance of the ENVIS sites**

- Constantly maintain the functions of sites and mobile apps
- Provide inputs and test – redesigned website
- Query response System management
- Analyze feed backs of websites

## **II. Enhancing the user-friendliness of the sites**

(Researchers-traders-community-laypersons-students-resource managers)

- Resources directory, Bibliography
- Photo gallery section for Red Listed Medicinal Plants of India
- Conservation Concern Species plant profile
- Digital Herbarium, Colourful plant photo gallery
- Checklist of list of medicinal plants in MPCAs/ states
- Traded medicinal plants database
- Trader's hub, Directory of NTFP's marketing channels
- Directory of NMPB supported nurseries across the country (new database)
- Ethno-medicinal plants garden page
- Kid's corner, Plant of the month series

### **III. Development of different knowledge products and tools for the different user groups**

- Mobile app on Red Listed Medicinal Plants of India
- Neighbourhood Medicinal Plants App version 0.05
- To bring out printed quarterly newsletter
- Bhuvan Platform and MPCAs

### **IV. Networking with other knowledge providers/ institutes across the country and world**

- Application of Bhuvan platform
- **Bhuvan Platform and MPCAs**
- Popularize action research outputs of Centre of Excellence for Medicinal Plants, NMPB and ENVIS
- Organize/ Conduct/ Participate in six outreach activities
- Connect to other national sites on biodiversity with ENVIS, IBP site with plant profile link

### **V. New initiatives (subject to specific budgetary support requested)**

- Preparation of an illustrated Primer on Red listed Plants of Karnataka (Kannada)
- Preparation of an illustrated Primer on Global Climate on Medicinal Plants (English)
- Database on folk medicinal uses of Indian Medicinal Plants
- An Illustrated Field guide: Trees of Bangalore City (Medicinal Ones)
- Development of need based Training Literature on Conservation and Management of Medicinal Plants for the Use of the Frontline Forestry Staff of Karnataka
- Use Bhuvan Portal and geospatial tools to study the distribution pattern and trade flow of the plant drug Sariva
- Reprint of the book “Secretes of Ethno medicinal Gardens”
- Publication of book “ENVIS Network, Past, Present and Future”

# Mandate of host institution and ENVIS Centre

## **Mandate of the Host Organization**

**Vision: To revitalize Indian Medical Heritage**

**Overarching objectives:**

1. To engage in high priority, trans-disciplinary research that bridges Ayurveda with biomedicine, life sciences, engineering, pharmaceuticals and the social sciences, art & culture and build new paradigms, standards, products, processes, technologies and communication strategies.
2. To engage in research to uncover the algorithms of theoretical foundations and therapeutic strategies of Ayurveda and to use digital technology platforms for documentation and interpretations.
3. To engage in clinical research to establish the clinical theories and practice of Ayurveda and promote Good Clinical Management (GCM).

## **Mandate of the ENVIS Centre**

**Vision: To Create an Enabling Platform to Disseminate Reliable Multi-dimensional Information on Indian Medicinal Plants**

**Mission:**

1. To Identify, Collect, Curate & Disseminate Multi-dimensional Information on Indian Medicinal Plants using suitable Communication Media
2. To Share Experiences of varied stake holders on Indian Medicinal Plants



# Mandate of host institution and ENVIS Centre

## Mandate of the Host Organization

4. To design and demonstrate conservation strategies including the creation of geospatial database focused on threatened species
5. To design and demonstrate augmentation strategies for sustainable use of natural resources (flora, fauna, metals and minerals) used by the Indian medical heritage
6. To design and implement innovative online and offline educational programs for rural and urban households, school and university students and folk healers
7. To design and implement strategic outreach programs for widespread dissemination of validated health interventions derived from traditional health sciences and practices which can impact rural and urban communities in India and globally

## Mandate of the ENVIS Centre

3. To Empower People with Information to take up suitable Research, Conservation Action & Resource Augmentation measures
4. To Create a Network of Ambassadors (Individuals & institutions) who will broadcast Conservation Messages
5. To Publish, Well Researched, Popular Science Series Publications – Newsletters, Field guides, manuals, trade booklet

# Issues related to NIC site

- Need for backup facility for respective center as safety measure.
- Resolve issues related to query module
- Resolving storage space and uploading issues in the NIC site: We have communicated to the NIC and ENVIS IT team regarding storage and other errors, we face while uploading information. We request you look into this matter and allocate us more storage space and exclusive design to upload all the contents effectively thus maintaining the “one stop solution” for medicinal plants information in future NIC site also. We anticipate Secretariats kind facilitation.
- We have two most important websites in our centre. We don't want to leave behind our more than 10 years back established site. It has gained popularity over years now and has weblinks from several national and international websites. Can we think of mechanism where we can merge both our websites features ie [envis.frlht.org](http://envis.frlht.org) and [frlhtenvis.nic.in](http://frlhtenvis.nic.in). We have been pursuing with ENVIS Secretariat regarding the same, for several years.
- Tailor make some features in NIC for our data uploading: Along with images, certain pdfs also need to be annexed.