

**Vikaspedia**

# ICT trends : past, present and future

- **INFORMATION** is wealth (1986-1995)
- **KNOWLEDGE** is power (1996-2005)
- **KNOWLEDGE SHARING** is wealth & power (2006 – )

**Vikaspedia Portal, [www.vikaspedia.gov.in](http://www.vikaspedia.gov.in)**



- February 2014
- **Objective:** Providing e-content and using ICT based applications for societal empowerment
- 23 Indian languages
- 6 domains viz., Agriculture, Health, Education, Social welfare, Energy and e-Governance

# Need for e-Content in regional languages

- India: 418 languages; 22 official languages
- Population - 1.28 billion, More than 600 million internet users in India
- 1182 million mobile users (TRAI, Jan 2019)
  - 193 million mobile internet users
  - 64% of rural users search content in Local Languages
  - 25% of urban users search content in Local Languages

## Collaborative Content Creation

- **‘Crowdsourcing Model’** inviting community for active contribution of content in their own language
- Any individual / volunteer can contribute content, edit / comment on the existing content
- Contributed content is validated by identified experts and moderated by State Nodal Agency in the respective states.
- Similar to Wikipedia, but, with more reliable and authentic content in local languages specific to the region

# Information Services

- Information / Knowledge in local languages  
(Success stories, technologies, best practices, Government schemes etc..)
- Multimedia products
- e-Learning Courses
- Value Added Services (e-Vyapar, Ask an Expert etc.)
- Mobile Apps related to key livelihood sectors



vikaspedia offered in:

অসমীয়া বাংলা English ગુજરાતી हिंदी ಕನ್ನಡ ಖಬರಾಡಂ मराठी தமிழ் తెలుగు


 Department of Electronics and Information Technology  
 Secretary of Communications and Information Technology  
 Government of India

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Search


 Agriculture

 Health

 Education

 Social Welfare

 Energy

 e-Governance

### Latest Items

Sukanya Samridhhi Yo ...  
 Apply online for PAN ...  
 Indian Pond Heron  
 Swachh Bharat Missio ...  
[See More >](#)

### Comments from users

I have lodged compla ...  
 1000 rs per year me ...  
 please specify the p ...  
 Yah scheme chhoti be ...  
[See More >](#)

 Star Volunteer of the Month


Rakesh kumar

### Top Rated Pages

Tips to conserve tre ...  
 ADIP Scheme  
 Criminal Laws and Wo ...  
 Famous Temples in In ...  
[See More >](#)

### User Feedbacks

I'm very much i ...  
 Its a great website. ....  
 Iam currently doing ...  
 The information about ...  
[See More >](#)

### Top 5 Contributors

- ▶ Rakesh kumar
- ▶ Naresh
- ▶ Kathiresan

### Latest Discussions

SBI Kiosk Banking  
 Kitchen garden  
 employment card  
 Skin allergy  
[See More >](#)

### Impact Stories

Simple remedy for a ...  
 Satisfying a mother' ...  
 Mobile alert reminds ...  
 Price information  
[See More >](#)

### Become a Volunteer

Work for people of India for their development through providing knowledge and

### News

**Government to digitally map fa ...**  
 Feb 23, 2015 10:02 AM  
 The government is preparing to deploy orbiting satellites to digitally map each farmland in the coun  
[More News >](#)

### Events

**Workshop on Knowledge Manage**  
 Nov 11, 2014 03:25 PM  
 A one day workshop on "Knowledge Management through crowdsourcing - Vikaspedia as a Platform" is to  
[More Events >](#)



State Nodal Agencies



Access Vikaspedia Help Documents

[▶ Sections of Portal](#)



Search



Agriculture



Health



Education



Social Welfare



Energy



e-Governance

Home / Agriculture

- ▶ Agri Inputs
- ▶ Crop Production
- ▶ Post Harvest Technologies
- ▶ Livestock
- ▶ Poultry
- ▶ Fisheries
- ▶ Agro enterprises
- ▶ Best Practices
- ▶ Policies and Schemes
- ▶ Agri Credit
- ▶ Agri Insurance
- ▶ Agri Directory
- ▶ Discussion Forum - Agriculture

## Agriculture



### Managing natural resources for sustained livelihoods

India is endowed with a rich diversity of natural resources that form the source of livelihood for majority of its population. Sustainable management of these resources is essential to ensure sustained livelihoods of the communities that co-exist with them.

Agriculture section of Pragatipedia portal aims to provide relevant information and knowledge based content related to agriculture and allied sectors, contributed by volunteers in these sectors. As a stakeholder in this platform, you can express your views, share your experiences, participate in relevant discussions, update your knowledge from the available resources and disseminate the knowledge to others.

The major focus of Agriculture sector of Pragatipedia portal is pertaining to the following areas.

#### Agri Inputs

Preparation and handling of various inputs, including seeds, fertilizers and pesticides are covered here



Search



Agriculture

Health

Education

Social Welfare

Energy

e-Governance

Home / Health

- ▶ Women Health
- ▶ Child Health
- ▶ Policies and Schemes
- ▶ AYUSH
- ▶ Nutrition
- ▶ Diseases
- ▶ Sanitation and Hygiene
- ▶ Mental Health
- ▶ First Aid
- ▶ Discussion Forum - Health

## Health

Share



### Indigenous Systems of Medicine.

People are in dire need of relevant information on the utilization of indigenous systems of medicine. InDG attempts to consolidate the information, resource materials and database related to Ayurveda, Yoga, Naturopathy, Unani, Siddha and Homoeopathy (AYUSH).

#### Women Health

Women health is very important thorough out her life, from puberty to menopause. Adolescent health, pregnancy, and reproductive tract health are the major areas to concern where the care needs to be taken . In India 22.5% are adolescents. During adolescence peak growth and development place, this has direct influence on child bearing. Pregnancy is the most important phase in women's life. There is lot of concern to reduce maternal mortality and infant mortality. In this portal information is provided for safe motherhood and care for good reproductive tract health.

#### Child Health



Search



Agriculture



Health



Education



Social Welfare



Energy



e-Governance

Home / Education

- ▶ Child Rights
- ▶ Policies and Schemes
- ▶ Childrens corner
- ▶ Teachers corner
- ▶ Online Assessment
- ▶ Education Best Practices
- ▶ Career Guidance
- ▶ IT Literacy
- ▶ Digital Learning Resources
- ▶ Resource Links
- ▶ Discussion Forum - Education

## Education



### ICT in Education

The role of Information and Communication Technology (ICT) in the education sector plays an important role in the process of empowering the technology into the educational activities. The ICT provide the prospects, trends of integrating into the educational activities and gives large opportunities to enhance the learning environment.

### Education

Primary education is the foundation on which the development of every citizen and the nation as a whole built on. In recent past, India has made a huge progress in terms of increasing primary education enrolment, retention, regular attendance rate and expanding literacy to approximately two thirds of the population. India's improved education system is often cited as one of the main contributors to the economic development of India. At the same time, the quality of elementary education in India has also been a major concern.

Free and compulsory education to all children up to the age fourteen is constitutional commitment in India. The





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e-Governance

Home / Social Welfare

- ▶ Women and Child Development
- ▶ Scheduled Tribes Welfare
- ▶ Scheduled Caste Welfare
- ▶ Backward Classes
- ▶ Unorganised Sector
- ▶ Financial Inclusion
- ▶ Minority Welfare
- ▶ Differently-abled Welfare
- ▶ Senior citizen Welfare
- ▶ Rural Poverty Alleviation
- ▶ Urban Poverty Alleviation
- ▶ NGO-Voluntary Sector
- ▶ Discussion Forum - Social Welfare

## Social Welfare



### Empowering marginalized and vulnerable communities.

The Indian government has established an extensive social welfare system. Several programmes designed for betterment and enhancement of quality of life for SC, ST, BC, Minorities, women, etc stand proof to it.

The Indian Constitution establishes a welfare state. This is clear from the salient features in the Preamble and the Directive Principles of State Policy (DPSP). In this spirit, India is making a determined attempt to fulfil its ideal of a welfare state not only in principle but also through economic planning, thus securing to the Indian citizens justice —social, economic and political.

#### Some articles of the Indian Constitution which directs the government towards a welfare state:

- The State shall strive to promote the welfare of the people by securing and protecting as effectively as it may a social



Search



Agriculture



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Energy



e-Governance

Home / Energy

- Energy Basics
- Energy conservation
- Energy efficiency
- Energy production
- Best practices
- Women and energy
- Policy support
- Rural Innovations
- Environment
- Database
- Discussion Forum - Energy

## Energy



### Towards Sustainable energy for all...

Access to modern energy services is key to development. As India progresses ahead, energy demand is on the increase. At this juncture, increased energy conservation, improved energy efficiency and enhanced energy production from renewable sources need attention.

Increased energy conservation, improved energy efficiency and enhanced energy production from renewable sources can definitely lead India to become self sustainable communities.

The energy portal attempts to give information on the above aspects with inspiring stories that would motivate you to use them and derive the associated benefits.

### Energy Basics

The basics of energy such as sources of energy, forms of energy, units of power and energy and present use of energy is explained.



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Education



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Energy



e-Governance

Home / e-Governance

- ▶ e-Governance in India
- ▶ Citizen Access to Information (RTI)
- ▶ e-Gov Services online
- ▶ Resources for VLEs
- ▶ Mobile Governance
- ▶ Judicial Services in India
- ▶ Discussion Forum - e-Governance

## e-Governance



### Empowering Knowledge Centre Operators

Rural landscape in India is set to take the advantage of the flourishing ICT initiatives, more specifically the Common Service Centres (CSCs). InDG initiative provides the much needed platform for the Knowledge Centre Operators and VLEs, to share and learn from each other's experiences.

#### Transforming service delivery system

e-Governance in India has reached the "Transactional" stage and provides various services to citizens offered by Central Government agencies and different State Government departments. National e-Governance Plan (NeGP), initiated in 2006, attempts to make all Government services accessible to the common man in his/her locality, through Common Service Centers (CSC) being set up across India. As on August 2013, about 1,26,986 (CSC website) CSCs are operational with different brand names and have started delivering services to people. India is set to take advantage of the flourishing ICT initiatives facilitated by various institutions, more specifically the CSCs. InDG initiative offers much

# Vikaspedia- Current status

- **Hosted e-content & Services**
  - Web pages - 14,000+
  - Multimedia - Audio 2330 min; Video 13,923 min; Flash 2.5 GB
- **Portal utility** (since its launch in Feb '14)
  - 9.2 million hits/month
  - 2.12 lakh unique visitors/month
  - 26 million page views/month
  - 8405 content volunteers across 10 languages

# Conclusion

1. Search for need based regional language e-content is increasing owing to mobile internet users
2. The key challenge for Vikaspedia is to ensure the credibility and authenticity of content for the communities
3. Converging Vikaspedia with existing public library system in India will ensure better reachability
4. Crowd sourcing model is effective in meeting the growing demand for region specific information needs in India