



Government of Bihar  
Department of Information Technology

SE II  
22/02/17

सी.एस.ई.  
22/02/17

IT Manager  
22/02/17

Letter No. 07/IT - 02/2017 101

Patna / Date: 06 / 02 / 2017



From,  
Md. S.I Faisal  
Additional Secretary,  
Department of Information Technology  
Patna - 800015

To,  
The Principal Secretary/Secretary,  
All Government Departments,  
Managing Director/Director of all Corporations  
Government of Bihar.

कंप्यूटरीकृत संख्या  
कंपीयन संख्या  
20955 मंजूर  
7/02/17

आभारपूर्वक प्रतिक्रिया

Sub: Letter to make Department Website compliant to GIGW (Guideline for Indian Government Website)

Ref. No.: 01/वि./1014/2015 - सा. प्रा./815 and 16011/01/2012-e-Gov(B)

Dear Sir,

This is with respect to above mentioned subject line and the Court order has been issued from the Madras High Court to Department of Administrative Reforms & Public Grievance (DARPG). The Department of Information Technology, Bihar has been received letter no. 01/वि./1014/2015 - सा. प्रा./815 from DARPG to make all Government Department website to compliant as per Guideline for Indian Government Website (GIGW). The GIGW Guideline photo copy is attached along with this letter for your kind reference.

Therefore, you are requested to ensure compliance of the website of your Department as per GIGW.

Yours Sincerely,

(Md. S.I. Faisal)  
Add. Secretary

Encl:  
1. GIGW Guideline Policy

14936-53  
10/02/17  
अथवा 2015

64485(मंजूर)  
10/4/17

D.S. (अथवा)

280/0.6/12.00  
13/02/17  
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16.2.17

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कृपया इसका तब प्रत्युत्तर दें (मंजूर) कोपी  
इसके तब प्रत्युत्तर दें कोपी

29/02/2017  
रुपमा

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25/02/17  
13/02/17

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## Checklist for Web Content Accessibility Guidelines 2.0

### Guideline 1.1: Provide text alternatives for all non-text content

1.1.1 For all non-text content, one of the following is true

- If non-text content presents information or responds to user input, text alternatives serve the same purpose and present the same information as the non-text content. If text alternatives cannot serve the same purpose, then text alternatives at least identify the purpose of the non-text content.
- If non-text content is multimedia: live audio-only or live video-only content; a test or exercise that must use a particular sense; or primarily intended to create a specific sensory experience, then text alternatives at least identify the non-text content with a descriptive text label.
- If the purpose of non-text content is to confirm that content is being operated by a person rather than a computer, different forms are provided to accommodate multiple disabilities.
- If non-text content is pure decoration, or used only for visual formatting, or if it is not presented to users, it is implemented such that it can be ignored by assistive technology.

### Guideline 1.2: Provide synchronized alternatives for multimedia

1.2.1 Captions are provided for prerecorded multimedia [How to meet 1.2.1]

1.2.2 Audio descriptions of video, or a full multimedia text alternative including any interaction, are provided for prerecorded multimedia

1.2.3 Audio descriptions of video are provided for prerecorded multimedia

1.2.4 Captions are provided for live multimedia

1.2.5 Sign language interpretation is provided for multimedia

1.2.5 Sign language interpretation is provided for multimedia

1.2.7 For prerecorded multimedia, a full multimedia text alternative including any interaction is provided.

### Guideline 1.3: Ensure that information and structure can be separated from presentation

1.3.1 Information and relationships conveyed through presentation can be programmatically determined, and notification of changes to these is available to user agents, including assistive technologies

1.3.2 Any information that is conveyed by color is also visually evident without color.

1.3.3 When the sequence of the content affects its meaning, that sequence can be programmatically determined

1.3.4 Information that is conveyed by variations in presentation of text is also conveyed in text, or the variations in presentation of text can be programmatically determined.

1.3.5 Information required to understand and operate content does not rely on shape, size, visual location, or orientation of components.

### Guideline 1.4: Make it easy to distinguish foreground information from its background

1.4.1 Text or diagrams, and their background, have a luminosity contrast ratio of at least 5:1.

1.4.2 A mechanism is available to turn off background audio that plays automatically, without requiring the user to turn off all audio.

1.4.3 Text or diagrams, and their background, have a luminosity contrast ratio of at least 10:1

1.4.4 Audio content does not contain background sounds, background sounds can be turned off, or background sounds are at least 20 decibels lower than the foreground audio content, with the exception of occasional sound effects.

*Note: A 20 decibel difference in sound level is roughly four times (4x) quieter or louder. Background sound that meets this requirement will be approximately four times (4x) quieter than the foreground audio content.*

#### **Guideline 2.1: Make all functionality operable via a keyboard interface**

2.1.1 All functionality of the content is operable in a non-time-dependent manner through a keyboard interface, except where the task requires analog, time-dependent input.

*Note: This does not preclude and should not discourage the support of other input methods (such as a mouse) in addition to keyboard operation.*

2.1.2 All functionality of the content is operable in a non-time-dependent manner through a keyboard interface.

#### **Guideline 2.2: Allow users to control time limits on their reading or interaction**

2.2.1 For each time-out that is a function of the content, at least one of the following is true:

- the user is allowed to deactivate the time-out; or
- the user is allowed to adjust the time-out over a wide range that is at least ten times the length of the default setting; or
- the user is warned before time expires and given at least 20 seconds to extend the time-out with a simple action (for example, "hit any key"), and the user is allowed to extend the timeout at least ten times; or
- the time-out is an important part of a real-time event (for example, an auction), and no alternative to the time-out is possible; or
- the time-out is part of an activity where timing is essential (for example, competitive gaming or time-based testing) and time limits cannot be extended further without invalidating the activity.

2.2.2 Content does not blink for more than three seconds, or a method is available to stop all blinking content in the Web unit or authored.

2.2.3 Content can be paused by the user unless the timing or movement is part of an activity where timing or movement is essential.

2.2.4 Except for real-time events, timing is not an essential part of the event or activity presented by the content.

2.2.5 Interruptions, such as updated content, can be postponed or suppressed by the user, except interruptions involving an emergency.

2.2.6 When an authenticated session expires, the user can continue the activity without loss of data after re-authenticating.

#### **Guideline 2.3: Allow users to avoid content that could cause seizures due to photosensitivity**

2.3.1 Content does not violate the general flash threshold or the red flash threshold.

2.3.2 Web units do not contain any components that flash more than three times in any 1-second period.

**Guideline 2.4: Provide mechanisms to help users find content, orient themselves within it, and navigate through it**

- 2.4.1 A mechanism is available to bypass blocks of content that are repeated on multiple Web units.
- 2.4.2 More than one way is available to locate content within a set of Web units where content is not the result of, or a step in, a process or task.
- 2.4.3 Web units have titles.
- 2.4.4 Each link is programmatically associated with text from which its purpose can be determined.
- 2.4.5 Titles, headings, and labels are descriptive.
- 2.4.6 When a Web unit or authored component is navigated sequentially, components receive focus in an order that follows relationships and sequences in the content.
- 2.4.7 Information about the user's location within a set of Web units is available.
- 2.4.8 The purpose of each link can be programmatically determined from the link.

**Guideline 2.5: Help users avoid mistakes and make it easy to correct mistakes that do occur**

- 2.5.1 If an input error is detected, the error is identified and described to the user in text.
- 2.5.2 If an input error is detected and suggestions for correction are known and can be provided without jeopardizing the security or purpose of the content, the suggestions are provided to the user.
- 2.5.3 For forms that cause legal or financial transactions to occur, that modify or delete data in data storage systems, or that submit test responses, at least one of the following is true:
- Actions are reversible.
  - Actions are checked for input errors before going on to the next step in the process.
  - The user is able to review and confirm or correct information before submitting it.
- 2.5.4 Context-sensitive help is available for text input.

**Guideline 3.1: Make text content readable and understandable.**

- 3.1.1 The primary natural language or languages of the Web unit can be programmatically determined.
- 3.1.2 The natural language of each passage or phrase in the Web unit can be programmatically determined.

*Note: This requirement does not apply to individual words or phrases that have become part of the primary language of the content.*

- 3.1.3 A mechanism is available for identifying specific definitions of words or phrases used in an unusual or restricted way, including idioms and jargon.
- 3.1.4 A mechanism for finding the expanded form of abbreviations is available.
- 3.1.5 When text requires reading ability more advanced than the lower secondary education level, supplemental content is available that does not require reading ability more advanced than the lower secondary education level.
- 3.1.6 A mechanism is available for identifying specific pronunciation of words where meaning cannot be determined without pronunciation.

**Guideline 3.2: Make the placement and functionality of content predictable.**

3.2.1 When any component receives focus, it does not cause a change of context.

3.2.2 Changing the setting of any form control or field does not automatically cause a change of context (beyond moving to the next field in tab order) unless the authored unit contains instructions before the control that describe the behavior.

3.2.3 Navigational mechanisms that are repeated on multiple Web units within a set of Web units or other primary resources occur in the same relative order each time they are repeated, unless a change is initiated by the user.

3.2.4 Components that have the same functionality within a set of Web units are identified consistently.

3.2.5 Changes of context are initiated only by user request.

**Guideline 4.1: Support compatibility with current and future user agents (including assistive technologies)**

4.1.1 Web units or authored components can be parsed unambiguously, and the relationships in the resulting data structure are also unambiguous.

4.1.2 For all user interface components, the name and role can be programmatically determined, values that can be set by the user can be programmatically set, and notification of changes to these items is available to user agents, including assistive technologies.

**Guideline 4.2: Ensure that content is accessible or provide an accessible alternative**

4.2.1 At least one version of the content meets all level 1 success criteria, but alternate version(s) that do not meet all level 1 success criteria may be available from the same URI.

4.2.2 Content meets the following criteria even if the content uses a technology that is not in the chosen baseline:

If content can be entered using the keyboard, then the content can be exited using the keyboard

*Content conforms to success criterion 2.3.1 (general and red flash).*

4.2.3 At least one version of the content meets all level 2 success criteria, but alternate version(s) that do not meet all level 2 success criteria may be available from the same URI.

4.2.4 Content implemented using technologies outside of the chosen baseline satisfies all Level 1 and Level 2 requirements supported by the technologies.

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*Instructions on how to achieve each guideline can be found at <http://www.w3.org/TR/2006/WD-WCAG20-20060427/appendixB.html>*

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