



Performance

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)



METRICS

▲ First Contentful Paint

10.3 s

First Contentful Paint marks the time at which the first text or image is painted. [Learn more about the First Contentful Paint metric.](#)



Collapse view

▲ Largest Contentful Paint

15.2 s

Largest Contentful Paint marks the time at which the largest text or image is painted. [Learn more about the Largest Contentful Paint metric](#)

▲ Total Blocking Time

1,520 ms

Sum of all time periods between FCP and Time to Interactive, when task length exceeded 50ms, expressed in milliseconds. [Learn more about the Total Blocking Time metric.](#)

● Cumulative Layout Shift

0.014

Cumulative Layout Shift measures the movement of visible elements within the viewport. [Learn more about the Cumulative Layout Shift metric.](#)

▲ Speed Index

29.6 s

Speed Index shows how quickly the contents of a page are visibly populated. [Learn more about the Speed Index metric.](#)

 [View Treemap](#)



DIAGNOSTICS

▲ Eliminate render-blocking resources — Potential savings of 750 ms

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. [Learn how to eliminate render-blocking resources.](#) FCP LCP

URL	Transfer Size	Potential Savings
iitb.ac.in 1st Party	51.6 KiB	6,990 ms
...mobirise-icons/mobirise-icons.css (www.ese.iitb.ac.in)	2.3 KiB	360 ms
...css/bootstrap.min.css (www.ese.iitb.ac.in)	24.1 KiB	1,610 ms
...css/bootstrap-grid.min.css (www.ese.iitb.ac.in)	6.8 KiB	1,110 ms
...css/bootstrap-reboot.min.css (www.ese.iitb.ac.in)	2.3 KiB	860 ms
...tether/tether.min.css (www.ese.iitb.ac.in)	0.9 KiB	860 ms
...animatecss/animate.min.css (www.ese.iitb.ac.in)	4.6 KiB	860 ms
...css/style.css (www.ese.iitb.ac.in)	2.4 KiB	360 ms
...css/styles.css (www.ese.iitb.ac.in)	3.7 KiB	360 ms
...css/style.css (www.ese.iitb.ac.in)	4.5 KiB	610 ms

▲ Reduce unused CSS — Potential savings of 78 KiB

^

Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity. [Learn how to reduce unused CSS.](#) FCP LCP

Show 3rd-party resources (1)

URL	Transfer Size	Potential Savings
YouTube Video	47.0 KiB	44.9 KiB
...cb886c6c/www-player.css (www.youtube.com)	47.0 KiB	44.9 KiB

URL	Transfer Size	Potential Savings
iitb.ac.in 1st Party	36.4 KiB	33.6 KiB
...css/bootstrap.min.css (www.ese.iitb.ac.in)	24.1 KiB	23.0 KiB
...css/mbr-additional.css (www.ese.iitb.ac.in)	12.3 KiB	10.6 KiB

▲ Reduce unused JavaScript — Potential savings of 576 KiB

Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity. [Learn how to reduce unused JavaScript.](#) [LCP]

URL	Transfer Size	Potential Savings
YouTube Video	864.6 KiB	575.8 KiB
...en_US/base.js (www.youtube.com)	769.6 KiB	524.7 KiB
...www-embed-player.vflset/www-embed-player.js (www.youtube.com)	95.0 KiB	51.2 KiB

▲ Reduce JavaScript execution time — 6.2 s

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this. [Learn how to reduce Javascript execution time.](#) [TBT]

Show 3rd-party resources (4)

URL	Total CPU Time	Script Evaluation	Script Parse
YouTube Video	6,643 ms	5,501 ms	278 ms

URL	Total CPU Time	Script Evaluation	Script Parse
...www-embed-player.vflset/www-embed-player.js (www.youtube.com)	3,460 ms	3,117 ms	37 ms
...en_US/base.js (www.youtube.com)	2,824 ms	2,220 ms	218 ms
/embed/HHn8ekfabbY?rel=... (www.youtube.com)	306 ms	164 ms	24 ms
...cb886c6c/www-player.css (www.youtube.com)	53 ms	0 ms	0 ms
iitb.ac.in 1st Party	2,136 ms	363 ms	18 ms
/~energyday/ (www.ese.iitb.ac.in)	1,733 ms	26 ms	7 ms
...js/script.js (www.ese.iitb.ac.in)	223 ms	179 ms	4 ms
...jquery/jquery.min.js (www.ese.iitb.ac.in)	180 ms	159 ms	7 ms
Unattributable	696 ms	16 ms	0 ms
Unattributable	696 ms	16 ms	0 ms

▲ Minimize main-thread work — 10.0 s

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this. [Learn how to minimize main-thread work](#) TBT

Category	Time Spent
Script Evaluation	6,058 ms
Other	2,263 ms
Style & Layout	680 ms

Category	Time Spent
Script Parsing & Compilation	337 ms
Garbage Collection	324 ms
Parse HTML & CSS	213 ms
Rendering	121 ms

▲ Reduce the impact of third-party code — Third-party code blocked the main thread for 4,710 ms

Third-party code can significantly impact load performance. Limit the number of redundant third-party providers and try to load third-party code after your page has primarily finished loading. [Learn how to minimize third-party impact.](#) [TBT]

Third-Party		Transfer Size	Main-Thread Blocking Time
YouTube Video		974 KiB	4,708 ms
...www-embed-player.vflset/www-embed-player.js	(www.youtube.com)	96 KiB	2,630 ms
...en_US/base.js	(www.youtube.com)	770 KiB	2,005 ms
/embed/HHn8ekfabbY?rel=...	(www.youtube.com)	40 KiB	72 ms
...cb886c6c/www-player.css	(www.youtube.com)	47 KiB	0 ms
...en_US/embed.js	(www.youtube.com)	17 KiB	0 ms
/ytc/Alf8zZRwy...=s68-c-k-c0x00ffff-no-rj	(yt3.ggpht.com)	2 KiB	0 ms
...v1/log_event?alt=json&key=AlzaSyAO_...	(www.youtube.com)	1 KiB	0 ms
...stats/qoe?cpn=...	(www.youtube.com)	0 KiB	0 ms
/generate_204?aHI9lg	(www.youtube.com)	0 KiB	0 ms
Google Fonts Cdn		188 KiB	0 ms
...v40/memtYaGs1....woff2	(fonts.gstatic.com)	45 KiB	0 ms

Third-Party	Transfer Size	Main-Thread Blocking Time
...v40/memvYaGs1....woff2 (fonts.gstatic.com)	43 KiB	0 ms
...v53/TK3iWkUHH....woff2 (fonts.gstatic.com)	29 KiB	0 ms
...v23/mtGm4-RGJ....woff2 (fonts.gstatic.com)	15 KiB	0 ms
...v30/u-440qryi....woff2 (fonts.gstatic.com)	13 KiB	0 ms
...v30/u-4n0qryi....woff2 (fonts.gstatic.com)	13 KiB	0 ms
...v18/KFOICnqEu....woff2 (fonts.gstatic.com)	11 KiB	0 ms
...v18/KF0mCnqEu....woff2 (fonts.gstatic.com)	11 KiB	0 ms
/css?family=... (fonts.googleapis.com)	3 KiB	0 ms
/css?family=... (fonts.googleapis.com)	2 KiB	0 ms
/css?family=... (fonts.googleapis.com)	2 KiB	0 ms
/css?family=Oswald:200,300,400,500,600,700&display=swap (fonts.googleapis.com)	1 KiB	0 ms
Other Google APIs/SDKs		62 KiB
Utility		0 ms
...google.internal.waa.v1.Waa/Create (jnn-pa.googleapis.com)	41 KiB	0 ms
...th/cHoal1GHr....js (www.google.com)	20 KiB	0 ms
...google.internal.waa.v1.Waa/GenerateIT (jnn-pa.googleapis.com)	1 KiB	0 ms
Google/Doubleclick Ads		2 KiB
Ad		0 ms
/pagead/id?slf_rd=1 (googleads.g.doubleclick.net)	1 KiB	0 ms
/pagead/id (googleads.g.doubleclick.net)	1 KiB	0 ms
/instream/ad_status.js (static.doubleclick.net)	1 KiB	0 ms

▲ Some third-party resources can be lazy loaded with a facade — 1 facade alternative available ^

Some third-party embeds can be lazy loaded. Consider replacing them with a facade until they are required. [Learn how to defer third-parties with a facade.](#) [TBT]

Product	Transfer Size	Main-Thread Blocking Time
YouTube Video	974 KiB	4,708 ms
YouTube Embedded Player (Video)	974 KiB	4,708 ms
...en_US/base.js (www.youtube.com)	770 KiB	2,005 ms
...www-embed-player.vflset/www-embed-player.js (www.youtube.com)	96 KiB	2,630 ms
...cb886c6c/www-player.css (www.youtube.com)	47 KiB	0 ms
/embed/HHn8ekfabbY?rel=... (www.youtube.com)	40 KiB	72 ms
...en_US/embed.js (www.youtube.com)	17 KiB	0 ms
Other resources	4 KiB	0 ms

▲ Largest Contentful Paint element — 15,240 ms

This is the largest contentful element painted within the viewport. [Learn more about the Largest Contentful Paint element \(LCP\)](#)

The screenshot shows a dark grey header bar at the top. Below it is a light blue rectangular box with a yellow border. The word "APRIL" is at the top left of this box, and "2023" is at the bottom left. The word "APRIL" is also centered at the top right of the box. To the right of the box, the date "APRIL 29, 2023" is displayed in a white sans-serif font. To the right of that, three dots indicate more content. Below this, a blue line of code is shown:

```
<p class="mbr-text align-center pb-3 mbr-fonts-style display-2">
```

Phase	% of LCP	Timing
TTFB	5%	710 ms
Load Delay	0%	0 ms

Phase	% of LCP	Timing
Load Time	0%	0 ms
Render Delay	95%	14,520 ms

■ Properly size images — Potential savings of 8,079 KiB

Serve images that are appropriately-sized to save cellular data and improve load time. [Learn how to size images.](#)

	URL	Resource Size	Potential Savings
iitb.ac.in 1st Party		10,477.4 KiB	8,078.9 KiB
Mobirise  <code></code>	...images/ezgif-1-aadaa844e9.gif (www.ese.iitb.ac.in)	7,136.6 KiB	5,277.3 KiB
 Mobirise <code></code>	...images/ed-final-logo-.png (www.ese.iitb.ac.in)	1,274.4 KiB	1,273.4 KiB
Mobirise <code></code>	...images/ezgif-1-8b2e59abf6.gif (www.ese.iitb.ac.in)	1,053.9 KiB	779.4 KiB
Mobirise <code></code>	...images/ezgif-1-1085cc9b5f.gif (www.ese.iitb.ac.in)	739.6 KiB	546.9 KiB

URL	Resource Size	Potential Savings
Mobirise <code></code>	...images/ezgif-3-86c9e47067.gif (www.ese.iitb.ac.in)	272.9 KiB 201.8 KiB

■ Efficiently encode images — Potential savings of 16 KiB

Optimized images load faster and consume less cellular data. [Learn how to efficiently encode images.](#)

URL	Resource Size	Potential Savings
iitb.ac.in [1st Party]	60.9 KiB	15.6 KiB
div.carousel-item > div.container > div.image_wrapper > img <code></code>	...images/untitled-1.jpeg (www.ese.iitb.ac.in)	60.9 KiB 15.6 KiB

■ Serve images in next-gen formats — Potential savings of 2,451 KiB

Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption. [Learn more about modern image formats.](#)

URL	Resource Size	Potential Savings
iitb.ac.in [1st Party]	3,142.9 KiB	2,450.5 KiB
 Mobirise	...images/ed-final-logo-.png (www.ese.iitb.ac.in)	1,274.4 KiB 913.8 KiB

URL	Resource Size	Potential Savings
 <pre></pre>		
<div.carousel-item >="" ><="" <img="" alt="" div="" div.container="" div.image_wrapper="" img="" src="assets/images/p1-1.png"> </div.carousel-item>	...images/p1-1.png (www.ese.iitb.ac.in)	990.7 KiB 886.6 KiB
<div.carousel-item >="" ><="" <img="" alt="" div="" div.container="" div.image_wrapper="" img="" src="assets/images/p2-3.png"> </div.carousel-item>	...images/p2-3.png (www.ese.iitb.ac.in)	512.8 KiB 439.2 KiB
<div.carousel-item >="" ><="" <img="" alt="" div="" div.container="" div.image_wrapper="" img="" src="assets/images/p3-3.png"> </div.carousel-item>	...images/p3-3.png (www.ese.iitb.ac.in)	182.3 KiB 160.5 KiB
<div.carousel-item >="" ><="" <img="" alt="" div="" div.container="" div.image_wrapper="" img="" src="assets/images/untitled-1.jpeg"> </div.carousel-item>	...images/untitled-1.jpeg (www.ese.iitb.ac.in)	60.9 KiB 30.7 KiB
Energy Day 2023 Home About us Event Details Gallery Team DESE IIT Bom...	...images/hero-careers-renewables- desktop.jpg (www.ese.iitb.ac.in)	121.8 KiB 19.7 KiB
<pre><section class="footer4 cid-tyFMHaUHuE mbr-parallax-background" id="footer4- cs"></pre>		

■ Use video formats for animated content — Potential savings of 8,787 KiB

Large GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM videos for animations and PNG/WebP for static images instead of GIF to save network bytes. [Learn more about efficient video formats](#) [LCP]

URL	Resource Size	Potential Savings
iitb.ac.in 1st Party	9,494.4 KiB	8,787.0 KiB
...images/ezgif-1-aadaa844e9.gif (www.ese.iitb.ac.in)	7,136.6 KiB	7,065.3 KiB
...images/ezgif-1-8b2e59abf6.gif (www.ese.iitb.ac.in)	1,256.5 KiB	967.5 KiB
...images/ezgif-1-1085cc9b5f.gif (www.ese.iitb.ac.in)	824.9 KiB	593.9 KiB
...images/ezgif-3-86c9e47067.gif (www.ese.iitb.ac.in)	276.4 KiB	160.3 KiB

■ Avoid serving legacy JavaScript to modern browsers — Potential savings of 0 KiB

Polyfills and transforms enable legacy browsers to use new JavaScript features. However, many aren't necessary for modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy using module/nomodule feature detection to reduce the amount of code shipped to modern browsers, while retaining support for legacy browsers. [Learn how to use modern JavaScript](#) [TBT]

URL	Potential Savings
iitb.ac.in 1st Party	0.2 KiB
...popper/popper.min.js (www.ese.iitb.ac.in)	0.1 KiB
...popper/popper.min.js:4:10756 (www.ese.iitb.ac.in)	@babel/plugin-transform-classes
...tether/tether.min.js (www.ese.iitb.ac.in)	0.1 KiB

URL	Potential Savings
...tether/tether.min.js:1:235 (www.ese.iitb.ac.in)	@babel/plugin-transform-classes
...parallax/jarallax.min.js (www.ese.iitb.ac.in)	0.1 KiB
...parallax/jarallax.min.js:6:5448 (www.ese.iitb.ac.in)	@babel/plugin-transform-classes

■ Avoid enormous network payloads — Total size was 15,973 KiB	^
<p>Large network payloads cost users real money and are highly correlated with long load times. Learn how to reduce payload sizes. LCP</p>	
<p><input checked="" type="checkbox"/> Show 3rd-party resources (1)</p>	
URL	Transfer Size
iitb.ac.in 1st Party	14,183.7 KiB
...images/ezgif-1-aadaa844e9.gif (www.ese.iitb.ac.in)	7,141.5 KiB
...images/nicholas-doherty-ponbhdyofom-unsplash.jpg (www.ese.iitb.ac.in)	2,013.2 KiB
...images/ed-final-logo-.png (www.ese.iitb.ac.in)	1,274.4 KiB
...images/ezgif-1-8b2e59abf6.gif (www.ese.iitb.ac.in)	1,053.9 KiB
...images/p1-1.png (www.ese.iitb.ac.in)	990.7 KiB
...images/ezgif-1-1085cc9b5f.gif (www.ese.iitb.ac.in)	739.6 KiB
...images/p2-3.png (www.ese.iitb.ac.in)	514.2 KiB
...images/ezgif-3-86c9e47067.gif (www.ese.iitb.ac.in)	272.9 KiB
...images/p3-3.png (www.ese.iitb.ac.in)	183.3 KiB

URL	Transfer Size	
YouTube Video	770.4 KiB	
...en_US/base.js (www.youtube.com)	770.4 KiB	
Serve static assets with an efficient cache policy — 45 resources found		
A long cache lifetime can speed up repeat visits to your page. Learn more about efficient cache policies.		
<input checked="" type="checkbox"/> Show 3rd-party resources (2)		
URL	Cache TTL	Transfer Size
iitb.ac.in 1st Party		14,739 KiB
...images/ezgif-1-aadaa844e9.gif (www.ese.iitb.ac.in)	None	7,141 KiB
...images/nicholas-doherty-ponbhdyofom-unsplash.jpg (www.ese.iitb.ac.in)	None	2,013 KiB
...images/ed-final-logo-.png (www.ese.iitb.ac.in)	None	1,274 KiB
...images/ezgif-1-8b2e59abf6.gif (www.ese.iitb.ac.in)	None	1,054 KiB
...images/p1-1.png (www.ese.iitb.ac.in)	None	991 KiB
...images/ezgif-1-1085cc9b5f.gif (www.ese.iitb.ac.in)	None	740 KiB
...images/p2-3.png (www.ese.iitb.ac.in)	None	514 KiB
...images/ezgif-3-86c9e47067.gif (www.ese.iitb.ac.in)	None	273 KiB
...images/p3-3.png (www.ese.iitb.ac.in)	None	183 KiB
...images/hero-careers-renewables-desktop.jpg (www.ese.iitb.ac.in)	None	122 KiB
...images/166....jpg (www.ese.iitb.ac.in)	None	94 KiB

URL	Cache TTL	Transfer Size
...fonts/socicon.woff2 (www.ese.iitb.ac.in)	None	64 KiB
...images/untitled-1.jpeg (www.ese.iitb.ac.in)	None	61 KiB
...jquery/jquery.min.js (www.ese.iitb.ac.in)	None	31 KiB
...mobirise-icons/mobirise-icons.ttf?spat4u (www.ese.iitb.ac.in)	None	24 KiB
...css/bootstrap.min.css (www.ese.iitb.ac.in)	None	24 KiB
...js/bootstrap.min.js (www.ese.iitb.ac.in)	None	15 KiB
...ytplayer/jquery.mb.ytplayer.min.js (www.ese.iitb.ac.in)	None	14 KiB
...css/mbr-additional.css (www.ese.iitb.ac.in)	None	12 KiB
...js/script.js (www.ese.iitb.ac.in)	None	9 KiB
...tether/tether.min.js (www.ese.iitb.ac.in)	None	7 KiB
...popper/popper.min.js (www.ese.iitb.ac.in)	None	7 KiB
...vimeoplayer/jquery.mb.vimeo_player.js (www.ese.iitb.ac.in)	None	7 KiB
...css/bootstrap-grid.min.css (www.ese.iitb.ac.in)	None	7 KiB
...touchswipe/jquery.touch-swipe.min.js (www.ese.iitb.ac.in)	None	6 KiB
...parallax/jarallax.min.js (www.ese.iitb.ac.in)	None	6 KiB
...animatecss/animate.min.css (www.ese.iitb.ac.in)	None	5 KiB
...css/style.css (www.ese.iitb.ac.in)	None	4 KiB
...smoothscroll/smooth-scroll.js (www.ese.iitb.ac.in)	None	4 KiB

URL	Cache TTL	Transfer Size
...images/ed-final-logo-122x80.png (www.eso.iitb.ac.in)	None	4 KiB
...css/styles.css (www.eso.iitb.ac.in)	None	4 KiB
...js/nav-dropdown.js (www.eso.iitb.ac.in)	None	3 KiB
...formoid/formoid.min.js (www.eso.iitb.ac.in)	None	3 KiB
...css/style.css (www.eso.iitb.ac.in)	None	2 KiB
...css/bootstrap-reboot.min.css (www.eso.iitb.ac.in)	None	2 KiB
...mobirise-icons/mobirise-icons.css (www.eso.iitb.ac.in)	None	2 KiB
...bootstrapcarouselswipe/bootstrap-carousel-swipe.js (www.eso.iitb.ac.in)	None	2 KiB
...slidervideo/script.js (www.eso.iitb.ac.in)	None	2 KiB
...viewportchecker/jquery.viewportchecker.js (www.eso.iitb.ac.in)	None	2 KiB
...js/navbar-dropdown.js (www.eso.iitb.ac.in)	None	1 KiB
...mbr-switch-arrow/mbr-switch-arrow.js (www.eso.iitb.ac.in)	None	1 KiB
...mbr-popup-btns/mbr-popup-btns.js (www.eso.iitb.ac.in)	None	1 KiB
...tether/tether.min.css (www.eso.iitb.ac.in)	None	1 KiB
YouTube Video	2 KiB	
/ytc/Alf8zZRwy...=s68-c-k-c0x00fffff-no-rj (yt3.ggpht.com)	1d	2 KiB
Google/Doubleclick Ads Ad	1 KiB	
/instream/ad_status.js (static.doubleclick.net)	15m	1 KiB

■ Ensure text remains visible during webfont load

Leverage the font-display CSS feature to ensure text is user-visible while webfonts are loading. [Learn more about font-display](#). FCP LCP

Show 3rd-party resources (2)

URL	Potential Savings
Google Fonts Cdn	10 ms
...v18/KFOmCnqEu....woff2 (fonts.gstatic.com)	10 ms
...v18/KFOlCnqEu....woff2 (fonts.gstatic.com)	0 ms
iitb.ac.in 1st Party	340 ms
...fonts/socicon.woff2 (www.ese.iitb.ac.in)	340 ms

■ Does not use passive listeners to improve scrolling performance

Consider marking your touch and wheel event listeners as passive to improve your page's scroll performance. [Learn more about adopting passive event listeners](#).

Show 3rd-party resources (2)

Source
YouTube Video
...en_US/base.js:8652:199 (www.youtube.com)
...en_US/base.js:5975:111 (www.youtube.com)

Source
iitb.ac.in **1st Party**
...jquery/jquery.min.js:2:41540 (www.ese.iitb.ac.in)

Image elements do not have explicit `width` and `height`

Set an explicit width and height on image elements to reduce layout shifts and improve CLS. [Learn how to set image dimensions](#) **CLS**

URL
iitb.ac.in 1st Party
 Mobirise
Mobirise
Mobirise
Mobirise
Mobirise
Mobirise ...images/ed-final-logo-122x80.png (www.ese.iitb.ac.in)

URL

```
 65179da429.gif (www.eso.iitb.ac.in)  
  
Mobirise ...images/ezgif-2-  
 e4ce52a98a.gif (www.eso.iitb.ac.in)
```

- Initial server response time was short — Root document took 110 ms ^

Keep the server response time for the main document short because all other requests depend on it. [Learn more about the Time to First Byte metric.](#) [FCP](#) [LCP](#)

URL	Time Spent
iitb.ac.in 1st Party	110 ms
/~energyday/ (www.eso.iitb.ac.in)	110 ms

- Avoids an excessive DOM size — 437 elements ^

A large DOM will increase memory usage, cause longer [style calculations](#), and produce costly [layout reflows](#). [Learn how to avoid an excessive DOM size.](#) [TBT](#)

Statistic	Element	Value
Total DOM Elements		437
Maximum DOM Depth	div.col-10 > p.lead > strong > br 	15

Statistic	Element	Value
Maximum Child Elements	body <body style="z-index: 0">	37

○ Avoid chaining critical requests — 27 chains found ^

The Critical Request Chains below show you what resources are loaded with a high priority. Consider reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load. [Learn how to avoid chaining critical requests.](#) FCP LCP

Maximum critical path latency: **8,441.282 ms**

Initial Navigation

- └ /~energyday/ (www.ese.iitb.ac.in)
 - ...touchswipe/jquery.touch-swipe.min.js (www.ese.iitb.ac.in) - **5,542.706 ms, 5.71 KiB**
 - ...css/bootstrap-grid.min.css (www.ese.iitb.ac.in) - **5,405.061 ms, 6.82 KiB**
 - ...tether/tether.min.js (www.ese.iitb.ac.in) - **600.892 ms, 7.48 KiB**
 - ...css/styles.css (www.ese.iitb.ac.in)
 - ...fonts/socicon.woff2 (www.ese.iitb.ac.in) - **342.73 ms, 63.81 KiB**
 - ...css/bootstrap.min.css (www.ese.iitb.ac.in) - **3,687.888 ms, 24.06 KiB**
 - ...ytplayer/jquery.mb.ytplayer.min.js (www.ese.iitb.ac.in) - **695.361 ms, 13.89 KiB**
 - ...js/nav-dropdown.js (www.ese.iitb.ac.in) - **5,560.886 ms, 3.32 KiB**
 - ...css/style.css (www.ese.iitb.ac.in) - **4,566.102 ms, 2.42 KiB**
 - ...tether/tether.min.css (www.ese.iitb.ac.in) - **4,564.856 ms, 0.89 KiB**
 - ...vimeoplayer/jquery.mb.vimeo_player.js (www.ese.iitb.ac.in) - **5,561.628 ms, 7.35 KiB**
 - ...bootstrapcarouselswipe/bootstrap-carousel-swipe.js (www.ese.iitb.ac.in) - **5,380.768 ms, 2.05 KiB**
 - ...jquery/jquery.min.js (www.ese.iitb.ac.in) - **5,648.782 ms, 30.96 KiB**
 - ...viewportchecker/jquery.viewportchecker.js (www.ese.iitb.ac.in) - **591.885 ms, 1.94 KiB**
 - ...smoothscroll/smooth-scroll.js (www.ese.iitb.ac.in) - **5,569.08 ms, 4.17 KiB**

The chart displays a vertical timeline of resource loading and execution. Major resources include ...slidervideo/script.js (5,536.702 ms, 2.03 KiB), ...animatecss/animate.min.css (625.553 ms, 4.63 KiB), ...mbr-popup-btns/mbr-popup-btns.js (5,768.093 ms, 0.95 KiB), ...mobirise-icons/mobirise-icons.css (326.13 ms, 24.38 KiB), ...js/navbar-dropdown.js (5,558.706 ms, 1.41 KiB), ...js/script.js (584.412 ms, 8.76 KiB), ...css/bootstrap-reboot.min.css (4,558.559 ms, 2.32 KiB), ...css/style.css (614.482 ms, 4.47 KiB), ...parallax/jarallax.min.js (5,562.856 ms, 5.68 KiB), ...js/bootstrap.min.js (695.063 ms, 15.32 KiB), ...formoid/formoid.min.js (5,544.626 ms, 3.02 KiB), ...popper/popper.min.js (584.747 ms, 7.44 KiB), and ...mbr-switch-arrow/mbr-switch-arrow.js (1,524.394 ms, 1.16 KiB).

○ User Timing marks and measures — 15 user timings ^

Consider instrumenting your app with the User Timing API to measure your app's real-world performance during key user experiences. [Learn more about User Timing marks.](#)

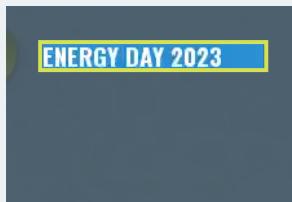
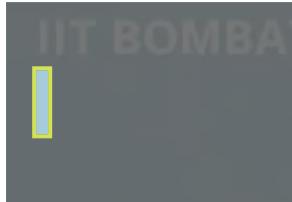
Name	Type	Start Time	Duration
mark_pe	Mark	3,150.57 ms	
mark_pot_isc	Mark	3,231.30 ms	
mark_pot_ist	Mark	3,238.35 ms	
mark_pot_csms	Mark	3,246.16 ms	
mark_pot_csmf	Mark	3,249.50 ms	

Name	Type	Start Time	Duration
mark_fs	Mark	3,316.56 ms	
mark_ep_pr_s	Mark	3,324.15 ms	
mark_ep_pr_r	Mark	3,324.46 ms	
mark_goes	Mark	3,335.94 ms	
mark_ep_init_pr	Mark	3,481.74 ms	
mark_pot_if	Mark	4,050.09 ms	
mark_pot_cms	Mark	4,050.73 ms	
mark_pot_cmf	Mark	4,056.54 ms	
mark_ol	Mark	8,148.44 ms	
mark_ol	Mark	8,149.63 ms	

Avoid large layout shifts — 6 elements found ^

These DOM elements were most affected by layout shifts. Some layout shifts may not be included in the CLS metric value due to [windowing](#). [Learn how to improve CLS](#) CLS

Element	Layout shift impact
	0.003
APRIL 29, 2023 APRIL 29, 2023 ...	0.003

Element	Layout shift impact
 <code></code>	
 <code>ENERGY DAY 2023</code> <code></code>	0.003
 <code>ENERGY DAY</code> <code><h1 class="mbr-section-title align-center mbr-bold pb-3 mbr-fonts-style display-1"></code>	0.002
 <code>IIT BOMBAY</code> <code></code>	0.002
 <code></code>	0.002
<p>○ Avoid long main-thread tasks — 15 long tasks found</p> <p>Lists the longest tasks on the main thread, useful for identifying worst contributors to input delay. Learn how to avoid long main-thread tasks <small>TBT</small></p>	

Show 3rd-party resources (10)

URL	Start Time	Duration
YouTube Video		3,458 ms
...en_US/base.js (www.youtube.com)	15,835 ms	992 ms
...en_US/base.js (www.youtube.com)	16,895 ms	912 ms
...www-embed-player.vflset/www-embed-player.js (www.youtube.com)	14,495 ms	585 ms
...en_US/base.js (www.youtube.com)	14,061 ms	434 ms
...en_US/base.js (www.youtube.com)	15,560 ms	141 ms
...www-embed-player.vflset/www-embed-player.js (www.youtube.com)	5,158 ms	129 ms
...www-embed-player.vflset/www-embed-player.js (www.youtube.com)	5,061 ms	97 ms
/embed/HHn8ekfabbY?rel=... (www.youtube.com)	2,539 ms	63 ms
...cb886c6c/www-player.css (www.youtube.com)	3,561 ms	53 ms
...en_US/base.js (www.youtube.com)	15,701 ms	52 ms
iitb.ac.in 1st Party		1,493 ms
/~energyday/ (www.ese.iitb.ac.in)	1,339 ms	1,200 ms
...mbr-switch-arrow/mbr-switch-arrow.js (www.ese.iitb.ac.in)	61,668 ms	115 ms
/~energyday/ (www.ese.iitb.ac.in)	1,160 ms	102 ms
...jquery/jquery.min.js (www.ese.iitb.ac.in)	56,607 ms	76 ms
Unattributable		188 ms

URL	Start Time	Duration
_lighthouse-eval.js	2,647 ms	188 ms

More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

PASSED AUDITS (13)

[Hide](#)

● Defer offscreen images

Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive. [Learn how to defer offscreen images](#).

● Minify CSS

Minifying CSS files can reduce network payload sizes. [Learn how to minify CSS](#). [FCP](#) [LCP](#)

● Minify JavaScript

Minifying JavaScript files can reduce payload sizes and script parse time. [Learn how to minify JavaScript](#). [FCP](#) [LCP](#)

● Enable text compression

Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes.

[Learn more about text compression](#). [FCP](#) [LCP](#)

● Preconnect to required origins

Consider adding preconnect or dns-prefetch resource hints to establish early connections to important third-party origins. [Learn how to preconnect to required origins.](#) FCP LCP

● Avoid multiple page redirects

Redirects introduce additional delays before the page can be loaded. [Learn how to avoid page redirects.](#) FCP LCP

○ Preload key requests

Consider using `<link rel=preload>` to prioritize fetching resources that are currently requested later in page load.

[Learn how to preload key requests.](#) FCP LCP

● Remove duplicate modules in JavaScript bundles

Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes consumed by network activity. TBT

○ Preload Largest Contentful Paint image

If the LCP element is dynamically added to the page, you should preload the image in order to improve LCP. [Learn more about preloading LCP elements.](#) LCP

○ Largest Contentful Paint image was not lazily loaded

Above-the-fold images that are lazily loaded render later in the page lifecycle, which can delay the largest contentful paint. [Learn more about optimal lazy loading.](#) LCP

- [Averts `document.write\(\)`](#)

For users on slow connections, external scripts dynamically injected via `document.write()` can delay page load by tens of seconds. [Learn how to avoid `document.write\(\)`.](#)

- [Avoid non-composited animations](#)

Animations which are not composited can be janky and increase CLS. [Learn how to avoid non-composited animations](#)

CLS

- [Has a `<meta name="viewport">` tag with `width` or `initial-scale`](#)

A `<meta name="viewport">` not only optimizes your app for mobile screen sizes, but also prevents [a 300 millisecond delay to user input](#). [Learn more about using the viewport meta tag.](#) TBT



Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

ARIA

- ⚠ Elements with an ARIA `[role]` that require children to contain a specific `[role]` are missing some or all of those required children.

Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. [Learn more about roles and required children elements](#).

Failing Elements

A Arunkumar Associate General Manag...
`<div class="carousel-inner" role="listbox">`

- ⚠ ARIA input fields do not have accessible names

When an input field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. [Learn more about input field labels](#).

Failing Elements

A Arunkumar Associate General Manag...
`<div class="carousel-inner" role="listbox">`

These are opportunities to improve the usage of ARIA in your application which may enhance the experience for users of assistive technology, like a screen reader.

CONTRAST

⚠ Background and foreground colors do not have a sufficient contrast ratio.

Low-contrast text is difficult or impossible for many users to read. [Learn how to provide sufficient color contrast.](#)

Failing Elements

Energy Day is the coveted research showcasing and industry networking event of ...

``

Energy Day is the coveted research showcasing and industry networking event of ...

`<section class="mbr-section article content1 cid-tz4SLC0Gtd" id="content1-d1">`

To view and download Abstract Book, click here

`<h3 class="mbr-section-subtitle display-5 align-center mbr-fonts-style mbr-light disp...">`

To view and download Abstract Book, click here Electrochemical Energy Storage &...

`<section class="features18 popup-btn-cards cid-tysq0fs2WD" id="features18-c9">`

Electrochemical Energy Storage & Materials for Energy Conversion Systems

``

Electrochemical Energy Storage & Materials for Energy Conversion Systems

`<div class="card-box">`

Electric Vehicle Technology

``

Electric Vehicle Technology

`<div class="card-box">`

Energy systems: Modelling & Analysis

``

Failing Elements

Energy systems: Modelling & Analysis

```
<div class="card-box">
```

Solar Photovoltaic & Solar Thermal systems

```
<strong>
```

Solar Photovoltaic & Solar Thermal systems

```
<div class="card-box">
```

Hydrogen & Thermochemical Energy Storage

```
<strong>
```

Hydrogen & Thermochemical Energy Storage

```
<div class="card-box">
```

Wind Energy and Hybrid Systems

```
<strong>
```

Wind Energy and Hybrid Systems

```
<div class="card-box">
```

What is the objective of Energy Day?

```
<h4 class="mbr-fonts-style display-7">
```

What is the objective of Energy Day?

```
<div class="card-header" role="tab" id="headingOne">
```

What is the objective of Energy Day? Is the registration free for Energy Day?...

```
<section class="accordion1 cid-tzNSestvJn" id="accordion1-d5">
```

Is the registration free for Energy Day?

```
<h4 class="mbr-fonts-style display-7">
```

Is the registration free for Energy Day?

```
<div class="card-header" role="tab" id="headingTwo">
```

What is the objective of Energy Day? Is the registration free for Energy Day?...

```
<section class="accordion1 cid-tzNSestvJn" id="accordion1-d5">
```

Failing Elements

Who should attend Energy Day?

```
<h4 class="mbr-fonts-style display-7">
```

Who should attend Energy Day?

```
<div class="card-header" role="tab" id="headingThree">
```

What is the objective of Energy Day? Is the registration free for Energy Day?...

```
<section class="accordion1 cid-tzNSeestvJn" id="accordion1-d5">
```

Where can I find information about the event venue and schedule?

```
<h4 class="mbr-fonts-style display-7">
```

Where can I find information about the event venue and schedule?

```
<div class="card-header" role="tab" id="headingFour">
```

What is the objective of Energy Day? Is the registration free for Energy Day?...

```
<section class="accordion1 cid-tzNSeestvJn" id="accordion1-d5">
```

How can I stay updated about the Energy Day?

```
<h4 class="mbr-fonts-style display-7">
```

How can I stay updated about the Energy Day?

```
<div class="card-header" role="tab" id="headingFive">
```

What is the objective of Energy Day? Is the registration free for Energy Day?...

```
<section class="accordion1 cid-tzNSeestvJn" id="accordion1-d5">
```

These are opportunities to improve the legibility of your content.

NAMES AND LABELS

⚠️ `<frame>` or `<iframe>` elements do not have a title

Screen reader users rely on frame titles to describe the contents of frames. [Learn more about frame titles.](#)

Failing Elements

```
figure.mbr-figure > div.video-block > div > iframe.mbr-embedded-video
<iframe class="mbr-embedded-video" src="https://www.youtube.com/embed/HHn8ekfabbY?
rel=0&mute=1&showinfo=0&auto..." width="1280" height="720" frameborder="0" allowfullscreen=""
style="height: 214.875px;">
```

⚠ Links do not have a discernible name ^

Link text (and alternate text for images, when used as links) that is discernible, unique, and focusable improves the navigation experience for screen reader users. [Learn how to make links accessible.](#)

Failing Elements

```
div.media-container-row > div.col-md-3 > p > a.text-primary
<a href="Team.html" class="text-primary">
```

```
div.media-container-row > div.col-md-3 > p > a.text-primary
<a href="authors.html" class="text-primary">
```

```
div.col-md-4 > div.social-list > div.soc-item > a
<a href="https://www.linkedin.com/school/iit-bombay-department-of-energy-science-en..." target="_blank">
```

```
div.col-md-4 > div.social-list > div.soc-item > a
<a href="https://www.youtube.com/channel/UCNHvJA00XdK7-6gAop_7X0A" target="_blank">
```

```
div.col-md-4 > div.social-list > div.soc-item > a
<a href="https://www.facebook.com/ese.iitb.ac.in/" target="_blank">
```

```
body > section.display-7 > a
<a href="https://mobiri.se/2732797" style="flex: 1 1; height: 0rem; position: absolute; width: 100%; z-index: 1;">
```

Failing Elements

`body > section.display-7 > a```

These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

INTERNATIONALIZATION AND LOCALIZATION

⚠️ `<html>` element does not have a `[lang]` attribute

If a page doesn't specify a `lang` attribute, a screen reader assumes that the page is in the default language that the user chose when setting up the screen reader. If the page isn't actually in the default language, then the screen reader might not announce the page's text correctly. [Learn more about the `lang` attribute](#).

Failing Elements

`html.mobile``<html class="mobile mbr-site-loaded">`

These are opportunities to improve the interpretation of your content by users in different locales.

NAVIGATION

⚠️ Heading elements are not in a sequentially-descending order

Properly ordered headings that do not skip levels convey the semantic structure of the page, making it easier to navigate and understand when using assistive technologies. [Learn more about heading order](#).

Failing Elements



IIT BOMBAY

`<h3 class="mbr-section-subtitle align-center mbr-light pb-3 mbr-fonts-style display-2">`

These are opportunities to improve keyboard navigation in your application.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

Hide

Interactive controls are keyboard focusable

Custom interactive controls are keyboard focusable and display a focus indicator. [Learn how to make custom controls focusable](#).

Interactive elements indicate their purpose and state

Interactive elements, such as links and buttons, should indicate their state and be distinguishable from non-interactive elements. [Learn how to decorate interactive elements with affordance hints](#).

The page has a logical tab order

Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. [Learn more about logical tab ordering](#).

Visual order on the page follows DOM order

DOM order matches the visual order, improving navigation for assistive technology. [Learn more about DOM and visual ordering](#).

- User focus is not accidentally trapped in a region

A user can tab into and out of any control or region without accidentally trapping their focus. [Learn how to avoid focus traps.](#)

- The user's focus is directed to new content added to the page

If new content, such as a dialog, is added to the page, the user's focus is directed to it. [Learn how to direct focus to new content.](#)

- HTML5 landmark elements are used to improve navigation

Landmark elements (`<main>`, `<nav>`, etc.) are used to improve the keyboard navigation of the page for assistive technology. [Learn more about landmark elements.](#)

- Offscreen content is hidden from assistive technology

Offscreen content is hidden with `display: none` or `aria-hidden=true`. [Learn how to properly hide offscreen content.](#)

- Custom controls have associated labels

Custom interactive controls have associated labels, provided by `aria-label` or `aria-labelledby`. [Learn more about custom controls and labels.](#)

- Custom controls have ARIA roles

Custom interactive controls have appropriate ARIA roles. [Learn how to add roles to custom controls.](#)

These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

PASSED AUDITS (15)

[Hide](#)

- [aria-*] attributes match their roles

Each ARIA role supports a specific subset of aria-* attributes. Mismatching these invalidates the aria-* attributes.

[Learn how to match ARIA attributes to their roles.](#)

- [aria-hidden="true"] is not present on the document <body>

Assistive technologies, like screen readers, work inconsistently when aria-hidden="true" is set on the document <body>. [Learn how aria-hidden affects the document body.](#)

- [role]s have all required [aria-*] attributes

Some ARIA roles have required attributes that describe the state of the element to screen readers. [Learn more about roles and required attributes.](#)

- [role]s are contained by their required parent element

Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. [Learn more about ARIA roles and required parent element.](#)

- [aria-*] attributes have valid values

Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid values. [Learn more about valid values for ARIA attributes.](#)

- [\[aria-*\] attributes are valid and not misspelled](#)

Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. [Learn more about valid ARIA attributes.](#)

- [Buttons have an accessible name](#)

When a button doesn't have an accessible name, screen readers announce it as "button", making it unusable for users who rely on screen readers. [Learn how to make buttons more accessible.](#)

- [Image elements have \[alt\] attributes](#)

Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. [Learn more about the alt attribute.](#)

- [\[user-scalable="no"\] is not used in the <meta name="viewport"> element and the \[maximum-scale\] attribute is not less than 5.](#)

Disabling zooming is problematic for users with low vision who rely on screen magnification to properly see the contents of a web page. [Learn more about the viewport meta tag.](#)

- [\[aria-hidden="true"\] elements do not contain focusable descendants](#)

Focusable descendants within an [aria-hidden="true"] element prevent those interactive elements from being

available to users of assistive technologies like screen readers. [Learn how aria-hidden affects focusable elements.](#)

- [role] values are valid ^

ARIA roles must have valid values in order to perform their intended accessibility functions. [Learn more about valid ARIA roles.](#)

- Document has a <title> element ^

The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. [Learn more about document titles.](#)

- Links are distinguishable without relying on color. ^

Low-contrast text is difficult or impossible for many users to read. Link text that is discernible improves the experience for users with low vision. [Learn how to make links distinguishable.](#)

- Values assigned to role="" are valid ARIA roles. ^

ARIA roles enable assistive technologies to know the role of each element on the web page. If the role values are misspelled, not existing ARIA role values, or abstract roles, then the purpose of the element will not be communicated to users of assistive technologies. [Learn more about ARIA roles.](#)

- Image elements do not have [alt] attributes that are redundant text. ^

Informative elements should aim for short, descriptive alternative text. Alternative text that is exactly the same as the text adjacent to the link or image is potentially confusing for screen reader users, because the text will be read twice.
[Learn more about the alt attribute.](#)

NOT APPLICABLE (37)

[Hide](#)

- [accesskey] values are unique

Access keys let users quickly focus a part of the page. For proper navigation, each access key must be unique. [Learn more about access keys.](#)

- button, link, and menuitem elements have accessible names

When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. [Learn how to make command elements more accessible.](#)

- Elements with role="dialog" or role="alertdialog" have accessible names.

ARIA dialog elements without accessible names may prevent screen readers users from discerning the purpose of these elements. [Learn how to make ARIA dialog elements more accessible.](#)

- ARIA meter elements have accessible names

When a meter element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. [Learn how to name meter elements.](#)

- ARIA progressbar elements have accessible names

When a progressbar element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. [Learn how to label progressbar elements.](#)

○ Elements with the `role=text` attribute do not have focusable descendants. ^

Adding `role=text` around a text node split by markup enables VoiceOver to treat it as one phrase, but the element's focusable descendants will not be announced. [Learn more about the `role=text` attribute.](#)

○ ARIA toggle fields have accessible names ^

When a toggle field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. [Learn more about toggle fields.](#)

○ ARIA `tooltip` elements have accessible names ^

When a tooltip element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. [Learn how to name tooltip elements.](#)

○ ARIA `treeitem` elements have accessible names ^

When a `treeitem` element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. [Learn more about labeling treeitem elements.](#)

○ The page contains a heading, skip link, or landmark region ^

Adding ways to bypass repetitive content lets keyboard users navigate the page more efficiently. [Learn more about bypass blocks.](#)

○ `<dl>`'s contain only properly-ordered `<dt>` and `<dd>` groups, `<script>`, `<template>` or `<div>` elements. ^

When definition lists are not properly marked up, screen readers may produce confusing or inaccurate output. [Learn how to structure definition lists correctly.](#)

○ Definition list items are wrapped in `<dl>` elements ^

Definition list items (`<dt>` and `<dd>`) must be wrapped in a parent `<dl>` element to ensure that screen readers can properly announce them. [Learn how to structure definition lists correctly.](#)

○ `[id]` attributes on active, focusable elements are unique ^

All focusable elements must have a unique id to ensure that they're visible to assistive technologies. [Learn how to fix duplicate ids.](#)

○ ARIA IDs are unique ^

The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. [Learn how to fix duplicate ARIA IDs.](#)

○ No form fields have multiple labels ^

Form fields with multiple labels can be confusingly announced by assistive technologies like screen readers which use either the first, the last, or all of the labels. [Learn how to use form labels.](#)

○ `<html>` element has a valid value for its `[lang]` attribute ^

Specifying a valid [BCP 47 language](#) helps screen readers announce text properly. [Learn how to use the lang attribute.](#)

○ `<html>` element has an `[xml:lang]` attribute with the same base language as the `[lang]` attribute. ^

If the webpage does not specify a consistent language, then the screen reader might not announce the page's text correctly. [Learn more about the lang attribute.](#)

○ Input buttons have discernible text.

Adding discernable and accessible text to input buttons may help screen reader users understand the purpose of the input button. [Learn more about input buttons.](#)

○ `<input type="image">` elements have [alt] text

When an image is being used as an `<input>` button, providing alternative text can help screen reader users understand the purpose of the button. [Learn about input image alt text.](#)

○ Form elements have associated labels

Labels ensure that form controls are announced properly by assistive technologies, like screen readers. [Learn more about form element labels.](#)

○ Lists contain only `` elements and script supporting elements (`<script>` and `<template>`).

Screen readers have a specific way of announcing lists. Ensuring proper list structure aids screen reader output. [Learn more about proper list structure.](#)

○ List items (``) are contained within ``, `` or `<menu>` parent elements

Screen readers require list items (``) to be contained within a parent ``, `` or `<menu>` to be announced properly. [Learn more about proper list structure.](#)

○ The document does not use `<meta http-equiv="refresh">`

Users do not expect a page to refresh automatically, and doing so will move focus back to the top of the page. This may create a frustrating or confusing experience. [Learn more about the refresh meta tag](#).

○ `<object>` elements have alternate text ^

Screen readers cannot translate non-text content. Adding alternate text to `<object>` elements helps screen readers convey meaning to users. [Learn more about alt text for object elements](#).

○ Select elements have associated label elements. ^

Form elements without effective labels can create frustrating experiences for screen reader users. [Learn more about the select element](#).

○ Skip links are focusable. ^

Including a skip link can help users skip to the main content to save time. [Learn more about skip links](#).

○ No element has a `[tabindex]` value greater than 0 ^

A value greater than 0 implies an explicit navigation ordering. Although technically valid, this often creates frustrating experiences for users who rely on assistive technologies. [Learn more about the tabindex attribute](#).

○ Tables have different content in the summary attribute and `<caption>`. ^

The summary attribute should describe the table structure, while `<caption>` should have the onscreen title. Accurate table mark-up helps users of screen readers. [Learn more about summary and caption](#).

○ Cells in a `<table>` element that use the `[headers]` attribute refer to table cells within the same table. ^

Screen readers have features to make navigating tables easier. Ensuring <td> cells using the [headers] attribute only refer to other cells in the same table may improve the experience for screen reader users. [Learn more about the headers attribute.](#)

- <th> elements and elements with [role="columnheader"/"rowheader"] have data cells they describe. ^

Screen readers have features to make navigating tables easier. Ensuring table headers always refer to some set of cells may improve the experience for screen reader users. [Learn more about table headers.](#)

- [lang] attributes have a valid value ^

Specifying a valid [BCP 47 language](#) on elements helps ensure that text is pronounced correctly by a screen reader. [Learn how to use the lang attribute.](#)

- <video> elements contain a <track> element with [kind="captions"] ^

When a video provides a caption it is easier for deaf and hearing impaired users to access its information. [Learn more about video captions.](#)

- All heading elements contain content. ^

A heading with no content or inaccessible text prevent screen reader users from accessing information on the page's structure. [Learn more about headings.](#)

- Identical links have the same purpose. ^

Links with the same destination should have the same description, to help users understand the link's purpose and decide whether to follow it. [Learn more about identical links.](#)

- Elements with visible text labels have matching accessible names. ^

Visible text labels that do not match the accessible name can result in a confusing experience for screen reader users.

[Learn more about accessible names.](#)

- Tables use `<caption>` instead of cells with the `[colspan]` attribute to indicate a caption.

Screen readers have features to make navigating tables easier. Ensuring that tables use the actual caption element instead of cells with the `[colspan]` attribute may improve the experience for screen reader users. [Learn more about captions.](#)

- `<td>` elements in a large `<table>` have one or more table headers.

Screen readers have features to make navigating tables easier. Ensuring that `<td>` elements in a large table (3 or more cells in width and height) have an associated table header may improve the experience for screen reader users. [Learn more about table headers.](#)



Best Practices

GENERAL

⚠ Browser errors were logged to the console

Errors logged to the console indicate unresolved problems. They can come from network request failures and other browser concerns. [Learn more about this errors in console diagnostic audit](#)

Source	Description
iitb.ac.in 1st Party	
...images/ezgif-2-e4ce52a98a.gif:1:0 (www.ese.iitb.ac.in)	Failed to load resource: net::ERR_CONNECTION_FAILED
...images/ezgif-4-65179da429.gif:1:0 (www.ese.iitb.ac.in)	Failed to load resource: net::ERR_CONNECTION_FAILED

⚠ Issues were logged in the [Issues](#) panel in Chrome Devtools

Issues logged to the Issues panel in Chrome Devtools indicate unresolved problems. They can come from network request failures, insufficient security controls, and other browser concerns. Open up the Issues panel in Chrome DevTools for more details on each issue.

Issue type
Cookie
/embed/HHn8ekfabbY?rel=... (www.youtube.com)

○ Detected JavaScript libraries

All front-end JavaScript libraries detected on the page. [Learn more about this JavaScript library detection diagnostic audit](#).

Name	Version
Bootstrap	4.5.0
jQuery	3.5.1

TRUST AND SAFETY

- Ensure CSP is effective against XSS attacks

A strong Content Security Policy (CSP) significantly reduces the risk of cross-site scripting (XSS) attacks. [Learn how to use a CSP to prevent XSS](#)

Description	Directive	Severity
No CSP found in enforcement mode		High

PASSED AUDITS (12)

[Hide](#)

- Uses HTTPS

All sites should be protected with HTTPS, even ones that don't handle sensitive data. This includes avoiding [mixed content](#), where some resources are loaded over HTTP despite the initial request being served over HTTPS. HTTPS prevents intruders from tampering with or passively listening in on the communications between your app and your users, and is a prerequisite for HTTP/2 and many new web platform APIs. [Learn more about HTTPS](#).

- Avoids deprecated APIs

Deprecated APIs will eventually be removed from the browser. [Learn more about deprecated APIs.](#)

- Avoids third-party cookies

Support for third-party cookies will be removed in a future version of Chrome. [Learn more about phasing out third-party cookies.](#)

- Allows users to paste into input fields

Preventing input pasting is a bad practice for the UX, and weakens security by blocking password managers. [Learn more about user-friendly input fields.](#)

- Avoids requesting the geolocation permission on page load

Users are mistrustful of or confused by sites that request their location without context. Consider tying the request to a user action instead. [Learn more about the geolocation permission.](#)

- Avoids requesting the notification permission on page load

Users are mistrustful of or confused by sites that request to send notifications without context. Consider tying the request to user gestures instead. [Learn more about responsibly getting permission for notifications.](#)

- Displays images with correct aspect ratio

Image display dimensions should match natural aspect ratio. [Learn more about image aspect ratio.](#)

- Serves images with appropriate resolution

Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity.

[Learn how to provide responsive images.](#)

- Page has the HTML doctype

Specifying a doctype prevents the browser from switching to quirks-mode. [Learn more about the doctype declaration](#).

- Properly defines charset

A character encoding declaration is required. It can be done with a `<meta>` tag in the first 1024 bytes of the HTML or in the Content-Type HTTP response header. [Learn more about declaring the character encoding](#).

- Avoids `unload` event listeners

The `unload` event does not fire reliably and listening for it can prevent browser optimizations like the Back-Forward Cache. Use `pagehide` or `visibilitychange` events instead. [Learn more about unload event listeners](#)

- Page has valid source maps

Source maps translate minified code to the original source code. This helps developers debug in production. In addition, Lighthouse is able to provide further insights. Consider deploying source maps to take advantage of these benefits. [Learn more about source maps](#).

Show 3rd-party resources (1)

URL	Map URL
iitb.ac.in 1st Party	
...parallax/jarallax.min.js (www.ese.iitb.ac.in)	...
SyntaxError: Unexpected token '<', "<!DOCTYPE "... is not valid JSON	parallax/jarallax.min.js.map (www.ese.iitb.ac.in)
...js/bootstrap.min.js (www.ese.iitb.ac.in)	...js/bootstrap.min.js.map (www.ese.iitb.ac.in)
SyntaxError: Unexpected token '<', "<!DOCTYPE "... is not valid JSON	
Other Google APIs/SDKs Utility	
...th/cHoal1GHr....js (www.google.com)	

NOT APPLICABLE (1)

Hide

Fonts with `font-display: optional` are preloaded



Preload optional fonts so first-time visitors may use them. [Learn more about preloading fonts](#)



SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on [Core Web Vitals](#). [Learn more about Google Search Essentials](#).

CONTENT BEST PRACTICES

- ⚠ Document does not have a meta description **Description text is empty.**

Meta descriptions may be included in search results to concisely summarize page content. [Learn more about the meta description](#).

- ⚠ Links do not have descriptive text — 1 link found

Descriptive link text helps search engines understand your content. [Learn how to make links more accessible](#).

Link destination	Link Text
/2p8dtma2 (tinyurl.com)	click here

Format your HTML in a way that enables crawlers to better understand your app's content.

CRAWLING AND INDEXING

⚠ Links are not crawlable

Search engines may use href attributes on links to crawl websites. Ensure that the href attribute of anchor elements links to an appropriate destination, so more pages of the site can be discovered. [Learn how to make links crawlable](#)

Uncrawlable Link

```
body > div#scrollToTop > a  
<a style="text-align: center;">
```

To appear in search results, crawlers need access to your app.

MOBILE FRIENDLY

⚠ Tap targets are not sized appropriately — 72% appropriately sized tap targets

Interactive elements like buttons and links should be large enough (48x48px), or have enough space around them, to be easy enough to tap without overlapping onto other elements. [Learn more about tap targets](#).

Tap Target	Size	Overlapping Target
Team <code></code>	39x17	Gallery <code></code>
Home <code></code>	42x17	About us <code></code>
About us <code></code>	72x17	Event Details <code></code>

Tap Target	Size	Overlapping Target
Event Details <code></code>	94x17	Gallery <code></code>

Make sure your pages are mobile friendly so users don't have to pinch or zoom in order to read the content pages. [Learn how to make pages mobile-friendly.](#)

ADDITIONAL ITEMS TO MANUALLY CHECK (1)

Hide

Structured data is valid



Run the [Structured Data Testing Tool](#) and the [Structured Data Linter](#) to validate structured data. [Learn more about Structured Data.](#)

Run these additional validators on your site to check additional SEO best practices.

PASSED AUDITS (9)

Hide

Has a `<meta name="viewport">` tag with `width` or `initial-scale`



A `<meta name="viewport">` not only optimizes your app for mobile screen sizes, but also prevents [a 300 millisecond delay to user input](#). [Learn more about using the viewport meta tag.](#) TBT

Document has a `<title>` element



The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. [Learn more about document titles.](#)

- Page has successful HTTP status code

Pages with unsuccessful HTTP status codes may not be indexed properly. [Learn more about HTTP status codes.](#)

- Page isn't blocked from indexing

Search engines are unable to include your pages in search results if they don't have permission to crawl them. [Learn more about crawler directives.](#)

- robots.txt is valid

If your robots.txt file is malformed, crawlers may not be able to understand how you want your website to be crawled or indexed. [Learn more about robots.txt.](#)

- Image elements have `[alt]` attributes

Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. [Learn more about the alt attribute.](#)

- Document has a valid `hreflang`

hreflang links tell search engines what version of a page they should list in search results for a given language or region. [Learn more about hreflang.](#)

- Document uses legible font sizes — 100% legible text

Font sizes less than 12px are too small to be legible and require mobile visitors to “pinch to zoom” in order to read. Strive to have >60% of page text $\geq 12\text{px}$. [Learn more about legible font sizes.](#)

Source	Selector	% of Page Text	Font Size
Legible text		100.00%	$\geq 12\text{px}$

● Document avoids plugins ^

Search engines can't index plugin content, and many devices restrict plugins or don't support them. [Learn more about avoiding plugins.](#)

NOT APPLICABLE (1) Hide

○ Document has a valid `rel=canonical` ^

Canonical links suggest which URL to show in search results. [Learn more about canonical links.](#)

Alongside [Chrome's updated Installability Criteria](#), Lighthouse will be deprecating the PWA category in a future release. Please refer to the [updated PWA documentation](#) for future PWA testing.



PWA

These checks validate the aspects of a Progressive Web App. [Learn what makes a good Progressive Web App.](#)

INSTALLABLE

⚠️ Web app manifest or service worker do not meet the installability requirements — 1 reason ^

Service worker is the technology that enables your app to use many Progressive Web App features, such as offline, add to homescreen, and push notifications. With proper service worker and manifest implementations, browsers can proactively prompt users to add your app to their homescreen, which can lead to higher engagement. [Learn more about manifest installability requirements.](#)

Failure reason

No manifest was fetched

PWA OPTIMIZED

⚠️ Is not configured for a custom splash screen **Failures: No manifest was fetched.** ^

A themed splash screen ensures a high-quality experience when users launch your app from their homescreens.

[Learn more about splash screens.](#)

Does not set a theme color for the address bar.



Failures: No manifest was fetched, No `<meta name="theme-color">` tag found.



The browser address bar can be themed to match your site. [Learn more about theming the address bar.](#)

● Content is sized correctly for the viewport



If the width of your app's content doesn't match the width of the viewport, your app might not be optimized for mobile screens. [Learn how to size content for the viewport.](#)

● Has a `<meta name="viewport">` tag with `width` or `initial-scale`



A `<meta name="viewport">` not only optimizes your app for mobile screen sizes, but also prevents [a 300 millisecond delay to user input](#). [Learn more about using the viewport meta tag.](#) TBT

▲ Manifest doesn't have a maskable icon **No manifest was fetched**



A maskable icon ensures that the image fills the entire shape without being letterboxed when installing the app on a device. [Learn about maskable manifest icons.](#)

ADDITIONAL ITEMS TO MANUALLY CHECK (3)

Hide

○ Site works cross-browser



To reach the most number of users, sites should work across every major browser. [Learn about cross-browser compatibility.](#)

○ Page transitions don't feel like they block on the network



Transitions should feel snappy as you tap around, even on a slow network. This experience is key to a user's perception of performance. [Learn more about page transitions](#).

Each page has a URL ^

Ensure individual pages are deep linkable via URL and that URLs are unique for the purpose of shareability on social media. [Learn more about providing deep links](#).

These checks are required by the baseline [PWA Checklist](#) but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.

 Captured at Jan 27, 2024, 8:31 AM
GMT+5:30

 Emulated Desktop with Lighthouse 11.4.0

 Single page session

 Initial page load

 Unknown

 Using HeadlessChromium 120.0.6099.224
with lr

Generated by **Lighthouse** 11.4.0 | [File an issue](#)