**Practical-6**

**Aim: Analyzing website performance and performing on-page optimization techniques.**

**Tasks:**

1. **GTmetrix**
2. Create a free account (sign up) in [gtmetrix.com](https://gtmetrix.com/)
3. Use the gtmetrix tool for any website like [uvpce.ac.in](http://uvpce.ac.in), [dcs,gnu.ac.in](http://dcs.gnu.ac.in) or [ganpatuniversity.ac.in](http://ganpatuniversity.ac.in) to test its performance.
4. Analyze the result and Generate the pdf report of it.
5. Explain each field/parameter of the generated report.
6. **Pagespeed insights**
7. Use any URL to test in this tool. Analyze its result for mobile and desktop
8. **On-page optimization techniques**

Explore, experiment and test following onpage optimization techniques you know for your blog/website. Take an example of each technique to demonstrate.

* Page title
* Meta description and keywords
* Meta tags
* Headings <h1>...<h6>
* Bold, italiques, underlined text
* Domain name suggestion
* Canonical tags
* Images and alt tag

Take the appropriate screenshots of every step you take to place in your report/practical.