Empowering Citizens: A Human-Centered Cyber Policy Proposal for Bangladesh Inspired by Global Models

1. Introduction

Digital technology is changing the way we live, learn, work, and interact. It has brought many benefits to society, education, government, and the economy. But it also brings serious problems like cybercrime, online bullying, and privacy loss. To deal with these problems, we need laws and policies that protect human rights, include everyone, and support the safe use of technology.

This paper aims to propose a modern, human-centered cyber policy for Bangladesh. The proposal takes ideas from countries like **Estonia**, **Finland**, and **Canada**, who have strong and people-friendly digital policies.

2. Current Challenges in Bangladesh

Bangladesh has made progress in digital development, but there are still many issues:

- I. Digital Divide: Big differences in internet access between urban and rural areas
- II. No Clear Guidelines: Lack of national rules for digital behavior and ethics
- III. **Ignoring Vulnerable Groups**: No special protections for women, children, or disadvantaged communities
- IV. Mental Health Neglected: No proper policies to deal with cyberbullying or internet addiction

3. Global Examples of Human-Centered Policies

Some countries have made great progress in creating digital laws that care about people:

- I. **Estonia**: Created a strong e-governance system and digital identity services [1]
- II. **Finland**: Made internet access a legal right for all citizens [2]
- III. Canada: Developed strong laws for online safety, privacy, and digital rights, especially for children [3]

4. Comparative View: Bangladesh vs. Global Best Practices

Key Area	Practices in Advanced Nations	Situation in Bangladesh
Right to Internet Access	Internet is a legal right for all (e.g., Finland)	Not guaranteed; rural areas often lack access
Digital Behavior Education	Ethics and online conduct taught in schools (e.g., Canada)	Not part of formal education
Digital Identity Services	Secure, integrated e-ID systems (e.g., Estonia)	NID not well linked with digital platforms
Child Online Protection	Laws like COPPA protect minors' privacy online (e.g., Canada)	No child-specific law exists
Mental Health Policies	Legal actions against online bullying and addiction (Canada)	No legal support or national awareness programs
Public Participation	Citizens involved in policy creation (e.g., Finland, Estonia)	Top-down process; very limited public involvement

5. Suggested Legal and Policy Reforms

To improve the current system, the following changes are recommended:

Make internet access available to everyone, especially in remote areas.

- **1.** Teach students about online safety, behavior, and responsibility from early grades to university.
- 2. Follow models like the European GDPR to protect personal data and secure digital identity.
- **3.** Develop strong legal safeguards for kids under 13, like Canada's COPPA.
- **4.** Provide legal help and mental health support for victims of cyberbullying and digital addiction.
- **5.** Ensure that women, youth, and underrepresented groups have a voice in creating cyber policies.

6. Conclusion

To build a smart and technology-driven Bangladesh, digital growth must go hand-in-hand with strong, people-focused policies. Looking at countries like Estonia, Finland, and Canada, we see that **digital rights**, **data protection**, **online safety**, and **inclusion** are key areas that Bangladesh must address.

By adopting these human-centered reforms, Bangladesh can move toward becoming a safe, fair, and inclusive digital nation.

7. References

- [1] M. Kalvet, "Innovation: A Factor Explaining E-Government Success in Estonia," *Electronic Government: An International Journal*, vol. 6, no. 1, pp. 1–11, 2009.
- [2] Ministry of Transport and Communications, Finland, "Digital Infrastructure Strategy 2025," [Online]. Available: https://www.lvm.fi/en/-/digital-infrastructure-strategy-2025
- [3] Government of Canada, "Canada's Digital Charter: Trust in a Digital World," Innovation, Science and Economic Development Canada, 2019. [Online]. Available: https://www.ic.gc.ca/eic/site/062.nsf/eng/h 00108.html
- [4] European Commission, "Digital Education Action Plan (2021–2027)," [Online]. Available: https://education.ec.europa.eu/focus-topics/digital/digital-education-action-plan
- [5] U.S. Congress, "Children's Online Privacy Protection Act (COPPA)," 1998. [Online]. Available: https://www.ftc.gov/legal-library/browse/rules/childrens-online-privacy-protection-rule-coppa