

Universal Acceptance (UA), IDNs & EAI



BENGALURU

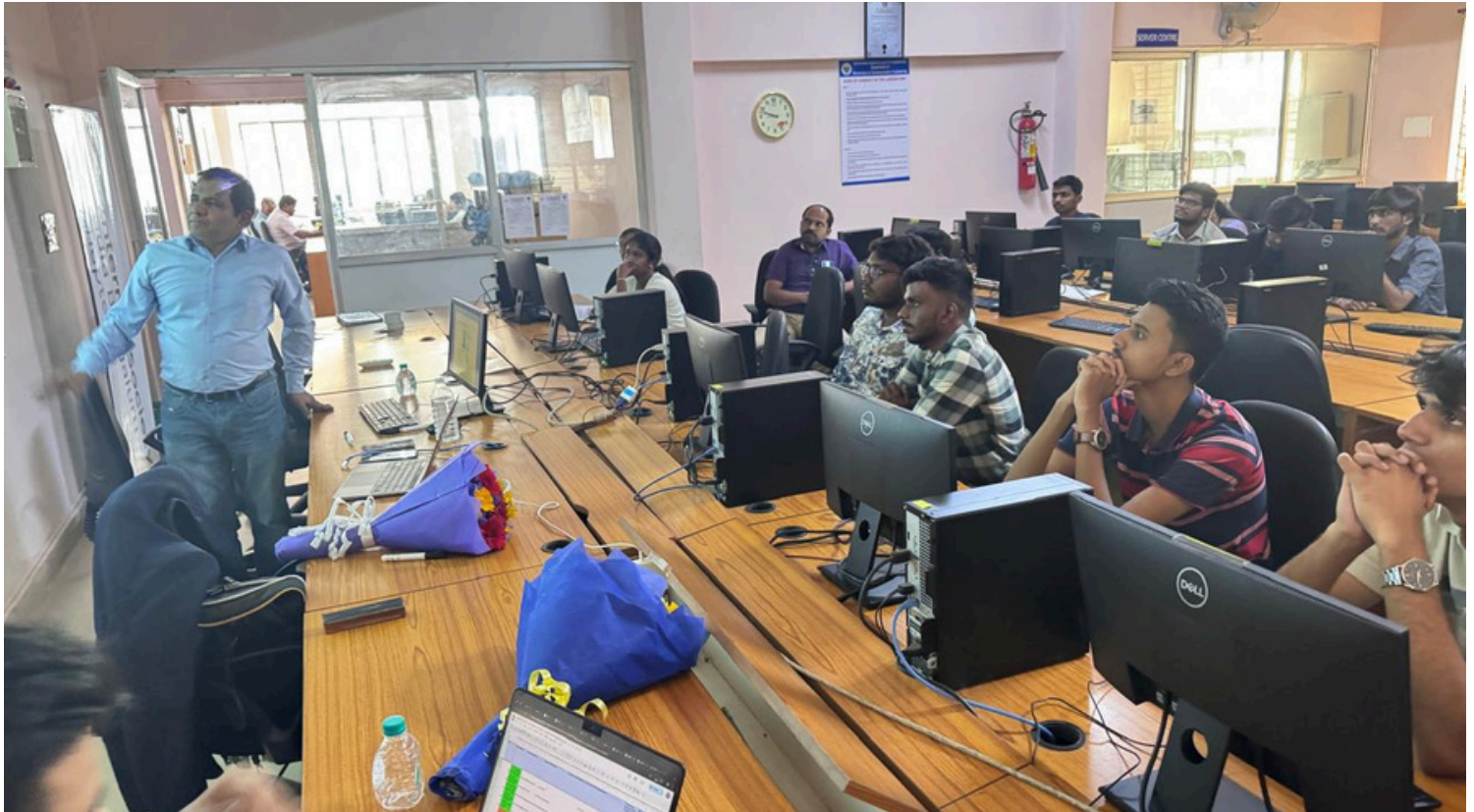
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Introduction

The second day of the workshop focused on digital inclusivity and global accessibility of the Internet. As the Internet connects people from diverse linguistic and cultural backgrounds, it is essential to ensure that systems support all valid domain names and email addresses. The session highlighted the importance of Universal Acceptance (UA) in building an inclusive digital ecosystem. The goal was to create awareness about supporting multiple languages and scripts in internet technologies.

Universal Acceptance (UA)

Universal Acceptance (UA) ensures that all valid domain names and email addresses function correctly across applications and systems. This includes new generic top-level domains (gTLDs) and country-code domains. The speakers explained that many systems still fail to recognize newer or longer domain extensions. Promoting UA readiness helps make the Internet more accessible and future-ready. It plays a key role in enabling global digital participation.



Internationalized Domain Names (IDNs) & Email Address Internationalization (EAI)

Internationalized Domain Names (IDNs) allow domain names to be written in local languages and scripts such as Hindi, Kannada, or Chinese. Email Address Internationalization (EAI) enables email addresses to include non-English characters. These technologies empower users to access the Internet in their native languages. The session explained how IDNs and EAI promote linguistic diversity online.

Implementation Challenges and Deployment Strategies

The session also discussed challenges in implementing UA, IDNs, and EAI. Many software systems and applications are not fully updated to support internationalized domain names and email addresses. Technical limitations, lack of awareness, and compatibility issues were highlighted as major barriers. The speakers suggested adopting updated standards and conducting UA readiness testing. Proper deployment strategies are essential for ensuring smooth integration across platforms.



Distinguished Speakers and Contributions

The ISOC India Bengaluru Chapter extended sincere appreciation to Champika Wijayatunga (ICANN) and Yash Agarwal (ICANN) for their valuable contributions. Their on-site support and technical expertise significantly enhanced the quality of the workshop. Through interactive sessions and practical demonstrations, they provided deep insights into DNS security and Universal Acceptance readiness. Their engagement helped participants gain both theoretical knowledge and practical understanding.

Conclusion

The day of the workshop successfully highlighted the importance of Universal Acceptance and internationalization in building an inclusive Internet. Participants gained knowledge about UA, IDNs, EAI and the challenges involved in implementation. The session emphasized that supporting multiple languages and scripts is essential for global digital equality. Overall, the workshop strengthened awareness about creating a more accessible and inclusive Internet ecosystem.