**The Future Prospects for Women in Technology: Navigating Structural Challenges and Harnessing Opportunities for Growth and Leadership.**

Categorically, women hold 33% of tech positions, which is a barrier to the future prospect of them in the workforce. Also, research shows that 50% of the ratio leave their job before the age of 35. Why? It could be due to the limited promotions, stereotyping that has technology to be a “boys club”, discrimination, harassment and sexism.

Academically, the gender gap in tech courses is demeaning. Women are underrepresented in this field which discourage young girls who wants to explore in such courses. They have less chance of reaching a reasonable height in their career journey. Work-life balance and caregiver responsibility is also a difficulty women in tech deal with as commitment is required to ensure efficiency of the work which is hard to give in their case.

However, technology requires diversity in attaining its peak with other careers. Mentorship programs can effect this change, and days like International Women’s day have been designed to bring the potentials of the women in tech world to lime light, thereby, encouraging them to take up their stance in the domineering world of men. Women like Ada Lovelace, a well considered computer programmer and Grace Hopper, who has a substantial role in the COBOL language development have paved the success way.

To overcome these obstacles, networking, skill-building and advocacy is a key strategy. Females should be advocated for, there should be allyship amongst both gender, building up tech skills should be well emphasized on to young girls. Organizations must ensure smooth workflow of both gender and equality in pays.

Conclusively, women must harness their opportunities in spite of the challenges for growth and leadership.