

Engineering Leadership Code of Ethics: My Ethical Framework as a Technical Leader

1. Safety First: I work to ensure that the physical, technical, and psychological user and team member safety is at the front of my mind. All my actions will be in line with high-level safety measures, and no corners will be cut. Safety is a core value that I perceive as opposed to a compliance aspect.

2. Transparency in Communication: I will have open, honest, and transparent communication, particularly when it comes to risks and challenges related to the project and its progress. There will be a full awareness of stakeholders to make collaborative decisions (MacDonald et al., 2022). Transparency creates trust and avoids misunderstanding, ensures that problems are addressed before they escalate, and prevents them from being hidden or misreported.

3. Accountability at All Levels: I am a leader, and that is how I am accountable at all levels in terms of my actions, the outcome of the project I am working on, and the work of my team. I also demand high standards of my work and that of my team, which fosters a culture of learning from failure and not trying to avoid blame. Credibility is strengthened by accountability, and trust is established.

4. Respect and Inclusion: All the members of the team should be respected, listened to, and regarded with dignity. I always encourage teamwork and respect different views when solving a problem and during technical deliberations. Inclusion enhances innovation, team spirit, and fosters a culture of mutual respect in the workplace.

5. Fairness in Promotions and Recognition: Promotions and recognition will be according to merit and not based on favouritism and bias (Bünyamin, 2023). I am promoting a fair, merit-based assessment and merit system, which is performance-based and effort-based. This way, I would enable all members of the team and establish a fair, motivating, and high-performing environment.

6. Continuous Learning and Adaptation: I invest in continuous improvement and the objective of staying ethical. The ever-changing nature of engineering means that to make informed, relevant, and responsible decisions, I need to stay up-to-date with new technologies and emerging industry problems. Adaptation is associated with a strong character rather than a weak one in a fast-paced, international workplace.

7. Sustainable Engineering Practice: I will take into consideration the long-term social, environmental, and economic consequences of each engineering decision towards my leadership. I will implement solutions that will be less harmful and more effective, even though they may involve initial investment. Under responsible innovation, business and society maintain their value.

.

References

- Bünyamin, H. (2023). Workplace favoritism: Analysis of causes, consequences, and mitigation strategies. *Research and Reviews in Educational Sciences*, 139-158. https://www.researchgate.net/profile/Pekdag-Buelent/publication/377976490_INTERNATIONAL_RESEARCH_AND_REVIEWS_IN_EDUCATIONAL_SCIENCES/links/65c113a11bed776ae33258bd/INTERNATIONAL-RESEARCH-AND-REVIEWS-IN-EDUCATIONAL-SCIENCES.pdf#page=147
- MacDonald, A., Clarke, A., & Huang, L. (2022). Multi-stakeholder partnerships for sustainability: Designing decision-making processes for partnership capacity. In *Business and the ethical implications of technology* (pp. 103-120). Cham: Springer Nature Switzerland. https://link.springer.com/chapter/10.1007/978-3-031-18794-0_7