



INSTITUTE OF INFRASTRUCTURE, TECHNOLOGY, RESEARCH AND MANAGEMENT

(An Autonomous University established by Government of Gujarat)

Department of Humanities And Social Sciences

Proposed Titles of STTPs for Engineers, Students and Academicians

Topics	Major-topics to be covered during training
Communication and Professional Writing for Engineers (English)	Principles of clear technical/business writing (audience, purpose, tone) Email etiquette, site reports, inspection notes, compliance documents, proposals, and DPRs Preparing PPTs, briefings, public notices, FAQs, and citizen-facing advisories (e.g., disruptions, road closures) Basics of inclusive language, accessibility, and digital communication templates
Engineering Ethics, Governance, and Public Accountability (Sociology + Economics)	Ethical theories/codes (global/Indian, engineering profession) Conflict of interest, transparency, whistleblowing, corruption in projects Social impact: equity, inclusion, environmental justice, safety vs. cost trade-offs Case studies/role-plays from urban transport, water, energy, PPPs, smart cities
Behaviour, Safety Culture, Team Dynamics, and Workplace Well-being (Psychology + Sociology)	Human factors in accidents/near-misses, safety culture (attitudes/norms) Stress management, burnout prevention, work-life balance Emotional intelligence, motivation, conflict resolution, feedback in teams Organizational/psychological aspects of technological change in infrastructure
Economics & Finance for Infrastructure Projects (Economics)	Basics of project economics, micro/public economics Cost-benefit analysis, externalities, social discounting PPP models, risk sharing, contract design, tariff/affordability Techno-economic feasibility (e.g., smart cities, transport)
Social Impact Assessment & Community Engagement (Sociology + Psychology + Economics)	SIA basics: displacement, livelihoods, gender, marginalized groups Community consultation, grievance redressal, participatory planning Inclusive design, accessibility, legal literacy Case studies: BRTS, riverfront, metro, indigenous practices, women empowerment
Leadership, Management, and Soft Skills for Engineers (English, Psychology)	Leadership styles in technical organizations Delegation, time management, negotiation with stakeholders/contractors Basics of HR (motivation, appraisal, feedback), team dynamics, problem-solving
Digital and Citizen-Centric Communication in Infrastructure (English + Sociology)	Writing clear notices, advisories, FAQs for disruptions/services Inclusive/accessible language in digital/public interfaces Effective citizen engagement via communication

Potential Industry Partners: Government agencies (municipalities, state departments), utilities (water, energy), infrastructure firms (L&T, PPP cells), planning organizations, and educational institutions.

Faculty Involvement Summary:

- English: Communication, professional writing, digital communication, ethics communication
- Sociology: Social responsibility, accountability, community engagement, inclusive practices, organizational behavior
- Psychology: Stress management, team dynamics, safety culture, behavioral impacts
- Economics: Financial analysis, project appraisal, PPP models, cost-benefit analysis

***We tailor-make training programs to match your requirements**