



Project Proposal for Ph.D.

Project Details	
Project Title	Public funding in healthcare research – tales and realities
Project Summary (Minimum 500 and maximum 2000 characters)	There has been a significant policy push in India and globally to channelise public funding in science for more translation/application oriented research. Such funding requires scientists to work with Industry and Community in all phases of scientific discovery. However it introduces additional complexities and challenges for scientists on how to manage social and scientific outcomes while adhering to the requirements of the proposed institutional funding. The research aims to examines public or government funding to tackle large scale public challenges, with a specific focus on healthcare funding in areas such as medical technologies, AI in healthcare, and Cancer research. It examines the how public funding into healthcare research in prioritized, channelized, and what effect it has in the ways scientists engage in research, research productivity, and how they think about the impact of public science. Methodologically the project will be based on institutions, scientists, and researchers that have funded projects in the areas of healthcare technology, working with government to translate their research to social and practise outcome. Specifically the project will build case studies of live projects that demonstrate how researchers in the healthcare technology domain might use government funding to achieve the anticipated social and commercial goals.

Ph.D. Supervisors			
Role	Name of Faculty	Academic Unit in IITD/Institute/University	Email ID (Official)
Supervisor 1	Debananda Misra	School of Public Policy	deb@iitd.ac.in
Supervisor 2	Ishaan Gupta	Department of Biochemical Engg. and Biotechnology	ishaan@iitd.ac.in

Project requirements (Student qualifications, experience required, etc) *The candidate will be shortlisted based on common shortlisting criteria decided by ScRC (SIRe)
BS-MS, M.Sc., M.A. with at least a minor in Social sciences and at least a major in Life Sciences

Source of fellowship/funding (CSIR/UGC/DBT/ICMR/ICAR/NEET-PG/DST-INSPIRE/IRD/FITT Project details, if any)
Candidate with his/her own fellowship /institute assistantship

Role of Faculty Members involved:

Supervisor-1	Positioning in the Public Policy literature, methodology for social science research, and access to field sites
Supervisor-2	Execution of various live projects in Life Science domain and experience and access to field sites