Format for submitting projects under Project Varanasi.

(Do not change the serial no and headings of the items. If the headings are not relevant to your project then say so. The proposal document must not exceed 5 pages.)

1	Project type (Strike off those not applicable, refer to the policy document for project types)	(i)	Technology Development or Prototype Development.
		(ii)	Faculty Projects (Innovation and application Projects)
		(iii)	Project (Student Nurturing)
2	Title of the Project	Clean Varanasi APP	
3	Duration of the project	1 year	
4	Total Cost		
5	Name address and phone numbers of PIs and Co-PI's	PI: Dr. Ravi Shankar Singh Department of Computer Engineering IIT-BHU Email: ravi.cse@iitbhu.ac.in Mobile:09935883500	

6. General Description of the project:

An android application for public awareness for helping the local bodies for cleanliness is envisaged. The application would be installed on any android mobile phone/ tablet/ computers. The User of the application clicks the photo (of garbage bin, sewer leak etc.) and sends it along with the location, place name and other relevant information. The time and location would be taken from the server and GPS and would not be editable. The uploaded photo would be displayed on the VARANASI map in form of "cleanliness map".

7. General Description of experience/ expertise of team on such/ similar projects

The project will require expertise from computer science and engineering. Three to four students of IIT(BHU) will be employed on this project to develop the android application.

8. Deliverables (The deliverables are to be described in each section. If there is no deliverable in a particular section then say the same clearly.):

(a) Prototype

Software

(b) Process Prototype

User manual

(c) Design/ Technical Document

User manual

(d) Software

Android APP

(e) Document (audio, visual, write ups web sites etc)

(f) Any other

NA

9. Method/ Technology to reach the deliverable. (A detailed description of method or technology may be described)

The PI with manpower (on hiring basis) will work to prepare the guidelines, design. Finally development of android APP will take place.

10. Time line / mile stones for achieving the deliverables.

First two months: preparing guidelines to be followed and preparing design of the APP

Rest of the period: development of android APP