

PS.NO	ORGANIZATION	PROBLEM STATEMENT	DESCRIPTION	CATEGORY
PS01	National Crime Record Bureau	Mobile Apps for Citizens and Police management of crime records	Mobile Apps for Citizens and Police for management of crime records, beats, resource allocation, form fillings, request for NOC, appointments etc	SOFTWARE
PS02	Ministry of Women and Child Development	Innovative apps for women safety specially in cyber space	Innovative apps for women safety specially in cyber space. Design innovative methods to prevent blackmailing and frauds against women specific cases. Enable to detect if a woman's profile is being used somewhere without her consent	SOFTWARE
PS03	Agriculture	To create a System for planning the cropping pattern, plantation and maintenance of the crops for the better yield	Traditional cropping patterns are not effective in today's rapidly changing, unpredicted climate and polluted soils. Also each locality is different from one another and has different properties. Your goal is to design a system to predict the most suitable crop for that region, Plantation pattern and maintenance of that crop for better yield using information like soil quality, weather, resources, and other factors that affect crop production.	SOFTWARE
PS04	Dpt. of IT & Cyber Security, DRDO	Indoor Navigation App	The challenge is to create an app that would show a navigation path in the real world on your mobile device screen. This technology is beneficial to everyday citizens because it allows one to accurately navigate to a specific location in a building they have never been to before, such as government offices, a classroom in a campus, malls/retail store to show customers the items they would want to purchase etc	SOFTWARE
PS05	Management	Mobile app for University management	All in one app where we can have complete smart services for university related to cleanliness, lost & found, canteen orders, event notifications, etc. You think standing in the queue for ordering food and then waiting for the food to get ready is wasting time? Yeah me too. How if we could just order the food after (after the lectures/before reaching the canteen) itself and the food gets ready before you get there. So, you've found an earphone and not sure where you're supposed to report it? Found dirt in your classroom and don't know the appropriate authority to report? Could we just directly report this in the app and the appropriate authority will take care of the situation.	SOFTWARE

PS06	Airports Authority of India	A Mobile based Inventory Management System using QR code application	A mobile application is required that is capable of a.) Having all the details of the equipment like S/N, Date of Installation etc. by scanning a QR code/ barcode. b.) Readily accessing the past service record by scanning a QR code/ barcode. c.) Entering the details and updating service history on the spot, just after maintenance.	SOFTWARE
PS07	Dpt. of IT & Cyber Security	Solo IOT devices to capture video and audio evidences	Project intends to develop various IOTs devices to camouflage CCTV system. It may look like display board for publicity. It will have various IR lights to illuminate and capture in nights. It should have following features: - Display System (for advertisement or name board) - Wi-fi/ internet connectivity - Multiple systems may be connected through blue tooth - Remote Joystick to fine tuning and focusing on target persons or things)	HARDWARE
PS08	Dpt. of IT & Cyber Security, DRDO	CAPTCHA/alternative solution for Visually impaired	Visually impaired citizens face lot of problems with CAPTCHA authentication process. In some of the applications OTP is given as alternative but not with rest of the apps. In some of the apps audio captcha is provided but many citizens find it difficult to decipher. An effective solution for CAPTCHA or an alternative is required to address the problems faced by the visually impaired citizens.	SOFTWARE
PS09	-	Student Innovation	-	SOFTWARE
PS10	-	Student Innovation	-	HARDWARE