My Name Is Navdeep Garg, I have joined ISRO on 24th May 2016 and working in MISD division under PPEG.Here I got the opportunity to develop and enhance the management information system of URSC.  
In my current role I am responsible to implement emerging requirement for office automation by using/practicing latest technologies and also to provide up-to-date and accurate data to management for decision making process.

So, I would like to give brief about my major contributions in the given tenureand which are :

Development of IPWS module,thatis an interface module to link ISRO/DOS Accounting system i.e. COINS with PFMS. So here we have interacted with two systems i.e. COINS and PFMS.  
COINS is our ISRO-DOS Accounting system and   
PFMS is Public FinanceManagement system**is a web based online application to track and monitor fund disbursement and utilization ~~under plan schemes~~ on real time basis.**This platform had rolled out in 2014 under the mandate of Ministry of Finance to proceed with Digitization of Govt. Accounts through PFMS  
So role of IPWS arises in establishingcommunication between these two systems.  
It is a WebService consumption model to access the services offered at PFMS.  
Here I was responsible for the requirement elicitation, designing, implementation of IPWS module and configuration of corresponding serverbased on the recommendation ofCSMD team.  
IPWS is serving its objective satisfactorily across all centres.

Next I was involved in the testing of COINS-PFMS Interface module that comprises of new module in COINS related to PFMS and IPWS. Here I have tested the functionality of new modules which are required to make it compatible and consistent with PFMS. Major task involved in it to ensure all fields required in XML format should be compatible with the target system ie . PFMS.  
Here I submitted the report to COINS development team for its implementations, which they did to improve the quality of software and system .

Next I was involved in the development of Official Travelling Allowance system that caters the requirement of processing all Travelling Allowance claims either domestic or International through online mode. This system has made a leap in encouraging paperless office by automating the process o of Travelling Allowance both for employee as well as for administrations and accountspersonnel’s.

5 min claims.

further one new module has introduced for digitation of Travel agent payments like Balmer Lawrie.  
So far the records of Balmer Lawrie’s transactions had been maintained and processed by Accounts officialsthrough offline mode which had completely transformed to online mode. Through this module, Account official now able to add/update/delete every bill details and take the online approval from Account officer to pass the bill for payment.

A/C can reject and approve the bills. And same will be shown in Clerk Login for further processing

Provide count.

As an enhancement to this module an Incentive management module also developed which can adjust the fare incurred by the govt with the incentive received to travel agent for air booking.  
All paper work get vanished and lot of efforts in maintaining the records is saved after the digitization.

Next, I have developed a module to enable G2B model of e-governance where we have automated the process of sending payment acknowledgment to registered vendors at URSC. This module has automated all major [back-office](https://en.wikipedia.org/wiki/Back_office) processes and in-effect saves time and paper.

Next, we have developed a prototype model of integrated MIS system which can interact with the distributed databases across all ISRO centers and provide the integrated result at a common place. This prototype is developed using SPIRN BOOTand Hibernate technology that provides many developmental benefits.  
It is an attempt towards making a comprehensive MIS for ISRO.

Next as a DMR of my division, I hold the responsibility of ensuring ISO operational activities which have been guided by ISO team at URSC.   
All NCs and Internal and External Audits had happended on satisfactorily note.