

Z-11018/34/2016-IT
Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agriculture, Co-operation & Farmers Welfare

Krishi Bhawan, New Delhi,

Date: Feb 28, 2017

OFFICE MEMORANDUM

Subject: **On-boarding of Schemes on DBT Portal.**

Reference: **DAC&FW OM No. Z-11018/34/2016-IT dated 28 Dec 2016.**

As intimated earlier, DBT Mission under Cabinet Secretariat has identified following 10 schemes of Department of Agriculture, Cooperation & Farmers Welfare (DAC&FW) for DBT implementation.

S.No.	Name of the Scheme
1	Agri Clinics and Agri Business Centres (ACABC) Scheme
2	Sub Mission on Agriculture Mechanization
3	Pradhan Mantri Krishi Sinchay Yojana (PMKSY)
4	Mission for Integrated Development of Horticulture (MIDH)
5	Support to States for Extension Reforms (ATMA) Scheme
6	Sub-Mission on Seeds and Planting Material
7	Interest Subvention For Short Term Credit To Farmers
8	Crop Insurance Schemes (PMFBY)
9	National Food security Mission (NFSM)
10	Integrated Scheme on Agriculture Cooperation

2. DAC&FW has developed a centralized DBT portal (<https://dbtbharat.gov.in/>) so that beneficiaries' information of various agriculture schemes can be kept at a single point. Details of beneficiaries of different Schemes are to be uploaded into Central DBT portal for easy monitoring & tracking and to share with DBT Bharat portal of DBT Mission. Each scheme component has been assigned unique code for identification and can be seen at central DBT Portal.

3. IT platforms for complete DBT on-boarding of these identified schemes are at different stages of development. The schemes which already have IT platform and MIS, online web service can be used for porting/uploading the beneficiary data to Central DBT portal. Detailed user manual for using web service is at **Annexure-I**.

4. Schemes which still do not have their own online Platform and MIS, a very simple and user friendly 'Offline Module' has been prepared for uploading beneficiaries' data. This module can be downloaded from the DAC&FW DBT portal (<http://dbtdacfw.gov.in.>) and data can be uploaded from State or District level. Detailed User Manual for using this module is attached as **Annexure II**.

5. A workshop/training on this module and other DBT issues will be held on **6rd March, 2017 at 10.00 AM in Lecture Hall, National Agriculture Science Complex (NASC), Pusa, Dev Prakash Shastri Road, Opposite Todapur Village, New Delhi-110012.** It is requested that Director, Agriculture and one other officers/officials dealing with DBT implementation in schemes of Department of Agriculture, Cooperation & Farmer's Welfare schemes may attend this training cum workshop.

6. For any further information, Shri S. Bala, PSA , NIC (Mob: 9968090619) or Pavan Gupta, Director-IT (Ph. 011-23382383) may be contacted. Details of officers attending the workshop may kindly be shared through email at bala.s@nic.in and dirit-dac@gov.in.

Dinesh Kumar
Joint Secretary (IT)
Ph. 23385093

Encl: As above

To

1. APC/Principal Secretary/Secretary/Director (Agriculture), All States/UTs
2. All Divisional Heads, CCA, DAC&FW
3. Ms. Ranjna Nagpal, DDG (NIC)- for information and making necessary arrangements for the workshop.

Copy for information to:-

PPS to Secretary (AC&FW), AS (AD)

GUIDELINE FOR USING WEB SERVICE
(Applicable where Scheme MIS exists)

Department of Agriculture, Cooperation and Farmers' Welfare has initiated the development of a centralized DBT portal so that beneficiaries' information of various agriculture schemes can be kept at a single point. In order to accomplish this task, details of beneficiaries of different Schemes are to be uploaded into Central DBT portal for easy monitoring & tracking of beneficiaries and the same will be provided to DBT Bharat portal of DBT Mission.

To collect data from already existing scheme portals/MIS, online web service can be used. This will act as bridge between Scheme MIS and Central DBT Portal for data sharing. The following guidelines may be followed for porting the data to Central DBT portal through web service.

Step wise instructions are given below:

- 1) Location wise master of your DBT Scheme MIS are to be MAPPED with LG Directory Master (<http://lgdirectory.gov.in/>) or download from Central DBT Portal. Like State, District, Sub-District, Block, Panchayat and Villages. This is the first and foremost step to be adopted at your end.
- 2) Download web service file (DBT_PushWebservice.aspx, DBT_PushWebservice.aspx.cs) from Central DBT Portal <http://dbtdacfw.gov.in>. Add/copy in your DBT Scheme Project.

---IMPORTANT CHANGES HERE at your end:-

- Open DBT_PushWebservice.aspx.cs file in .NET framework.
- In the SQL query Part (there are 4 set of SQL queries) . You have to change the respective column names in all SQL Queries. Please do not change the 'as column name xxxxxxx'. Pls. refer ANNEXURE-'A' for details.
- Save the file.

- 3) ADD NEW COLUMN in your Beneficiary Table, Bank Transaction Table as DBT_Flag type CHAR(1)
- 4) Scheme_code as CHAR(5) (issued by the Director IT, DAC&FW) and Benefit_type as varchar(10) (like CASH or KIND) need to be passed in SQL Query. Refer below for your Scheme Code.
- 5) In the .NET framework after opening the project, ADD WEB SERVICE REFERENCE IN THE PROJECT. The URL for WEB Reference is <http://dbtdacfw.gov.in/dbt/Autocomplete.asmx> . Paste this URL in the Web Reference text box and SAVE.
- 6) All amount entries should be in Rupees only.
- 7) Required Gender Format: M for Male, F for Female, T for Transgender
- 8) Required Category format: Gen for General, OBC for Backward, SC for Schedule Cast, ST for Schedule Tribe
- 9) RUN the page DBT_PushWebservice.aspx from your project and select required BUTTON for porting/uploading Beneficiary details of your scheme to DBT Portal.
- 10) Uploading Data: Login and click the upload option for uploading the data. User credential for porting data through web service will be shared on request. If you are planning to put it in the scheduler, mention the credential in the web service itself so that we can monitor the source of data.
- 11) You can cross check from your table that DBT_Flag = 1 is updated or not.
- 12) UPDATE WEB SERVICE REFERENCE on Regular Intervals.
 - In case of any query/support, please contact Shri S. Bala, PSA, NIC at mail id: bala.s@nic.in , agri-dbt@nic.in (ph. 011-23384352).

ANNEXURE-'A'

BENEFICIARY DETAILS QUERY: (Change the Column name / table name of your system wherever RED Marked). DO NOT CHANGE THE COLUMN NAME APPEARS AFTER AS 'xxxxxxxxxxxx'

```

    Scheme Code. Refer
    below for Scheme Code.
    Hardcoded or column
    Name.

    Column Name(s)

SELECT scheme_code as [Scheme] , [FarmerName] as [Farmer_Name] , [FarmerNameLocal] as
Farmer_Name_Local,[FatherName] as [Father_Name] ,
[DOB] as DOB ,[AadharNumber] as [AadharNo],[Phone] as Phone
,[MobileNumber] as Mobile,[EmailId] as [EmailId], [Gender] as [Gender],
[HomeAddress] as House_No ,[VillageCode] as Village_Code ,
[BlockCode] as Block_Code ,
[SubDistrictCode] as Sub_District_Code ,[DistrictCode] as
District_Code ,
[StateCode] as State_Code , [PinCode] as [PinCode]
,[FarmerCategory] as Caste_Name ,
[KhastraDrag_Survey_No] as DragNo,[FarmerId] as schemespecificid
, [Age] as Age ,[Bank_Name] as [Bank],[Bank-Account-Number] as AccountNo,[IFSC-Code] as
IFSC,b.[Amount] as Amount,
b.[FundTransfer (APB / NEFT / Other)] as FundTransfer
,b.[TransactionDate] as TransactionDate , 'CASH' as Benefitype, 'W' as datatype
from [XXXXXXXXXX] d left join [dbo].[XXXXXX-BANKTABLE] b on
farmer_Id =b.SchemeSpecific_Ben_Id where (d.DBT_Flag is null ) and (b.DBT_Flag is null )

```

YOUR BENEFICIARY TABLE NAME
WITH INNER JOIN OF BANK TABLES

FOR SCHEME CODE (REFER HERE)

SN O	Scheme code	Benefit Type	Scheme Name	Short Scheme Name
1	A612K	CASH	Interest Subsidy for Short Term Credit to Farmers	CREDIT
2	B6QG7	CASH	Mission for Integrated Development of Horticulture	MIDH
3	B4E5S	CASH	Sub Mission on Agriculture Mechanization	M&T
4	BVK2Q	CASH	Support to States for Extension Reforms ATMA Scheme	ATMA
5	BTG12	CASH	Pradhan Mantri Krishi Sinchai Yojana	PMKSY
6	BQODZ	CASH	Sub Mission on Seeds and Planting Material	SEEDS
7	ARFT5	CASH	Integrated Scheme on Agriculture Cooperation	AGRICOOOP
8	B7Z18	CASH	National Food Security Mission	NFSM
9	B0HJB	CASH	Pradhan Mantri Fasal Bima Yojana	PMFBY
10	AN16Q	CASH	Agri Clinics and Agri Business Centres Scheme ACABC-Loan Subsidy	ACABC1
11	AOSDJ	CASH	Agri Clinics and Agri Business Centres Scheme ACABC-Incentive	ACABC2
12	AEOOY	KIND	Agri Clinics and Agri Business Centres Scheme ACABC-Training	ACABC23

UPDATE QUERY

```
update [XXXXXXXXXXXX] set DBT_Flag=1 where DBT_Flag is null;
```

```
update [XXXXXXXXXXXX] set DBT_Flag=1 where DBT_Flag is null
```

YOUR BENEFICIARY TABLE NAME

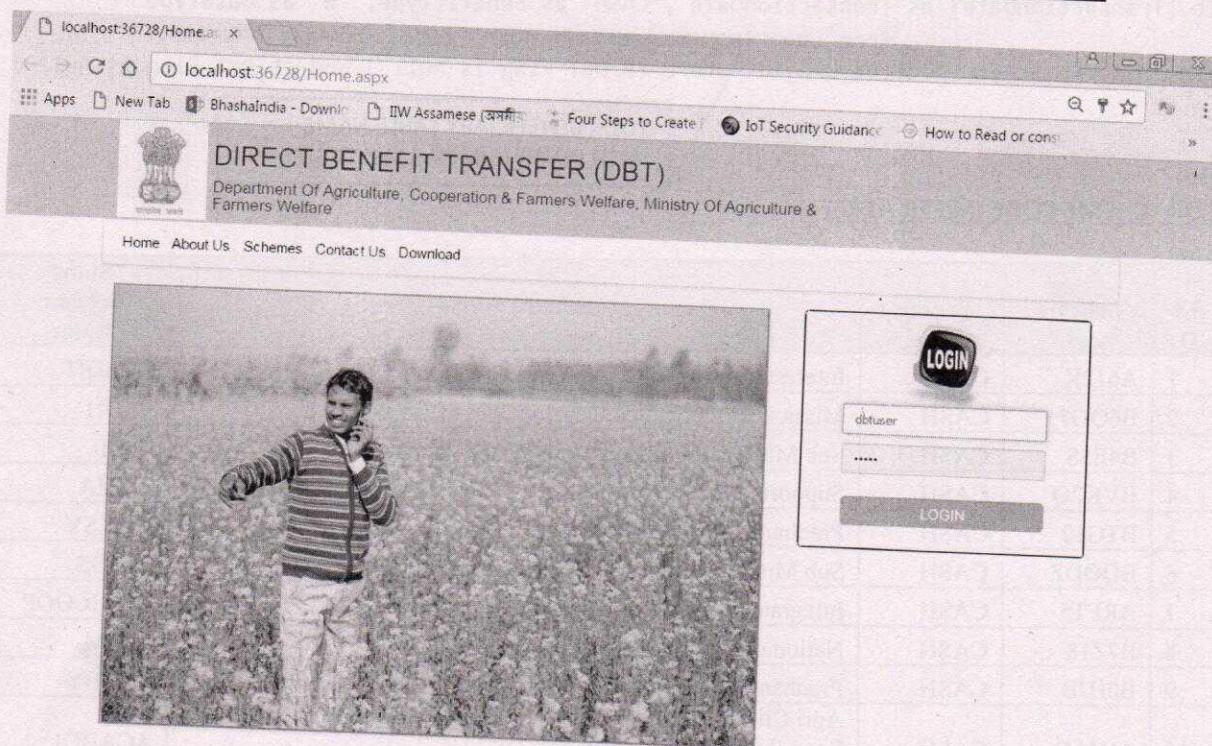
YOUR BANK DETAILS TABLE NAME

BANK DETAILS (in case of CASH)

```
SELECT [schemecode] as Scheme,[Unique_BenID] as Unique_BenID,[Bank_Name] as
[Bank],[Bank_Account_Number] as AccountNo,[IFSC_Code] as IFSC,[Amount] as
Amount,[FundTransfer (APB / NEFT / Other)] as FundTransfer
,[TransactionDate] as TransactionDate,[SchemeSpecific_Ben_Id]
as schemespecificid,'W' as datatype FROM [dbo].[XXXXXXXXXXXX] where DBT_Flag is null
```

YOUR BANK DETAILS
TABLE NAME

Screen Shots:



Site is designed and hosted by National Informatics Centre.
Contents published and managed by Department of Agriculture, Cooperation & Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India.
All rights reserved.

- Downloaded as DBT.rar file. Extract the file. And start modifying the as per above instruction.

GUIDELINE FOR DBT OFFLINE UTILITY

(Applicable where Scheme MIS do not have capture facility)

As you aware that Agriculture Informatics Division of NIC-New Delhi is in a process of building a comprehensive centralized DBT portal for Department of Agriculture Cooperation & Farmer Welfare at a national level. For this, Beneficiary details of different Schemes of DAC & FW will be uploaded into this Central DBT portal for easy monitoring and providing inputs to DBT Bharat portal. The Central DBT portal will act as a repository of Beneficiaries details of all Agriculture schemes.

Since IT platform of various scheme of DAC&FW are at different stages of development and do not have MIS capture facility, this utility has been developed to capture the data through offline. This will be a window based application and easily installable in the local computer. Detailed guideline to know the installation procedure, data entry and Uploading data to the central portal are narrated below.

The advantage of this offline utility that there is no need to have database structure, .NET framework or any other development environment in the local computer. It also facilitates search option to get the Beneficiary details which is already available in the portal.

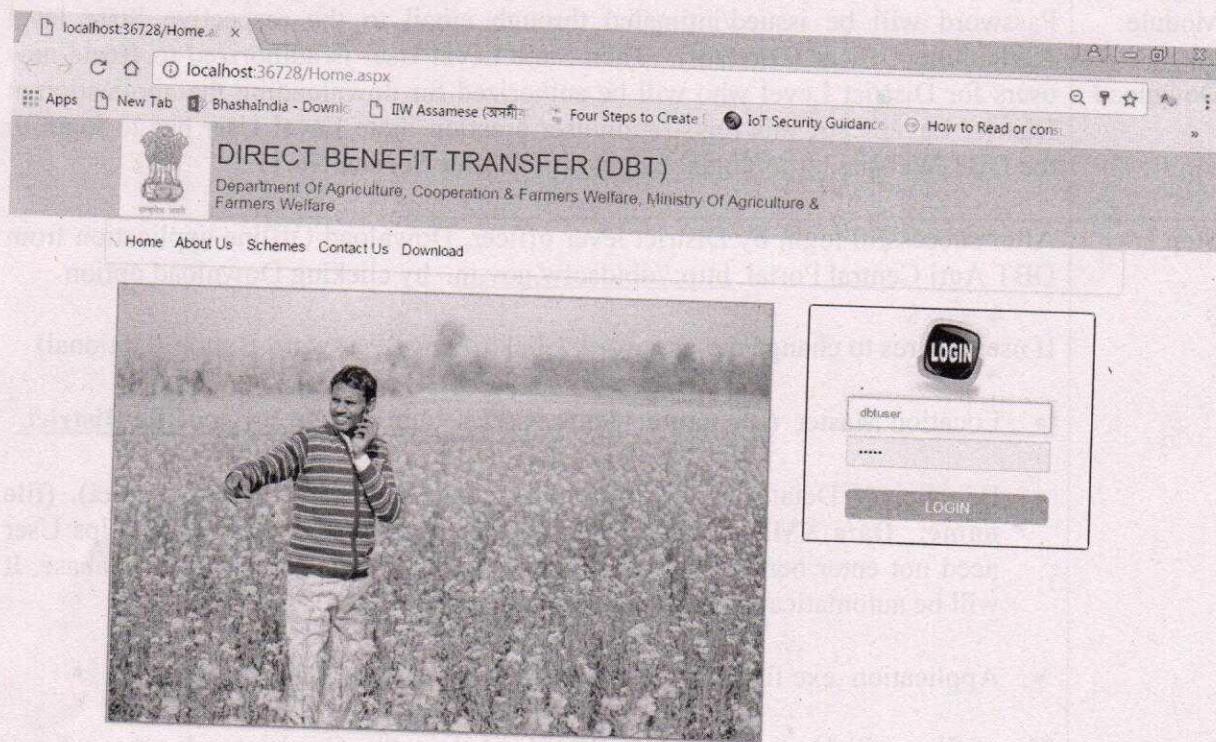
GUIDELINE:

Login Module For Download	Login Credentials for State Level will be generated at Central Level. Userid and Password will be issued/intimated through email to the respective State level Agriculture Officer (Director). Then State Level User is authorized to create new users for District Level who will be authorized for downloading the application at District Level. For this registration/user creation State Level User has to login in the DBT Website http://dbtdacfw.gov.in . (Refer Screen No.1)
Step 1:	<p>After successful login by District lever officer, Download Offline application from DBT Agri Central Portal. http://dbtdacfw.gov.in. by clicking Download option.</p> <p>If user desires to change the password, Click Change Password Button.(Optional)</p> <ul style="list-style-type: none"> • Location Master (file name: State.XML) -- <u>download for specific District</u>. • Beneficiary Details Master for a particular District (Selected district). (file name: Data.XML) -- <u>download for specific District</u>. This data helps User need not enter beneficiary details again if already available in the database. It will be automatically populated through search option. • Application .exe file (file name: DBT.Exe) -- <u>One time Download</u> <p>These files will be automatically downloaded in the C:\ drive. In case of any permission problem in C:\ in your computer, one has to manually download and save these files in C:\ (**MANDATORY) (Refer Screen No.2,3,4)</p>

Step 2:	Go to C:/. Ensure the above files are copied/available. Double Click DBT.exe file. Shortcut will be created at Desktop. (Refer Screen No.5)
Step 3:	Click shortcut from Desktop to run the application. Login Screen displayed. Enter User id and Password. (Refer Screen No.5,6)
Step 4:	Select first Scheme, Sub-District, Block for which the data entry to be carried out. (Refer Screen No.7)
Step 5:	Enter Aadhaar / Mobile number/ Name (to get the details of Beneficiary if exists already (Refer Screen No.7)
Step 6:	If Beneficiary details exists, all details will be filled automatically in the respective fields. You need not enter fresh. (Refer Screen No.7)
Step 7:	If does not exists, user can enter new beneficiary details for the specific Scheme.
Step 8:	Enter all details including Bank details if required Refer Screen No.7)
Step 9:	SUBMIT data . It will be saved in your local file.
Step 10:	Continue the entering process for all beneficiary by clicking SUBMIT and save everytime. Refer Screen No.7)
Step 11:	Once Data entry is completed for specific schemes, you can continue for other schemes also. Once completed for all schemes you are ready to UPLOAD the data into the Central Portal. (Refer Screen No.8)
Step 12:	Click UPLOAD option in the Screen after proper login. Click Show List option to view the list of entered beneficiaries before uploading. (Refer Screen No.9)
Step 13:	Data will be automatically uploaded and wait for message 'SUCCESSFULLY UPLOADED'.

Screen Shots :

Screen 1 DBT portal to download files:



Screen 2

The screenshot shows a web browser window with the URL localhost:36728/DownloadWindowsUtility.aspx. The page title is "DIRECT BENEFIT TRANSFER (DBT)". The header includes the Indian national emblem and the text "Department Of Agriculture, Cooperation & Farmers Welfare, Ministry Of Agriculture & Farmers Welfare". Below the header, there is a navigation bar with links: Home, About Us, Schemes, Contact Us, Download, Upload XML. A main content area titled "Download file and Application for Offline Mode" contains fields for Name, Mobile, Email ID, and Designation, each with a dropdown arrow icon. A "Submit" button is located below these fields. At the bottom of the page, a footer notes: "Site is designed and hosted by National Informatics Centre. Contents published and managed by Department of Agriculture, Cooperation & Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India. All rights reserved."

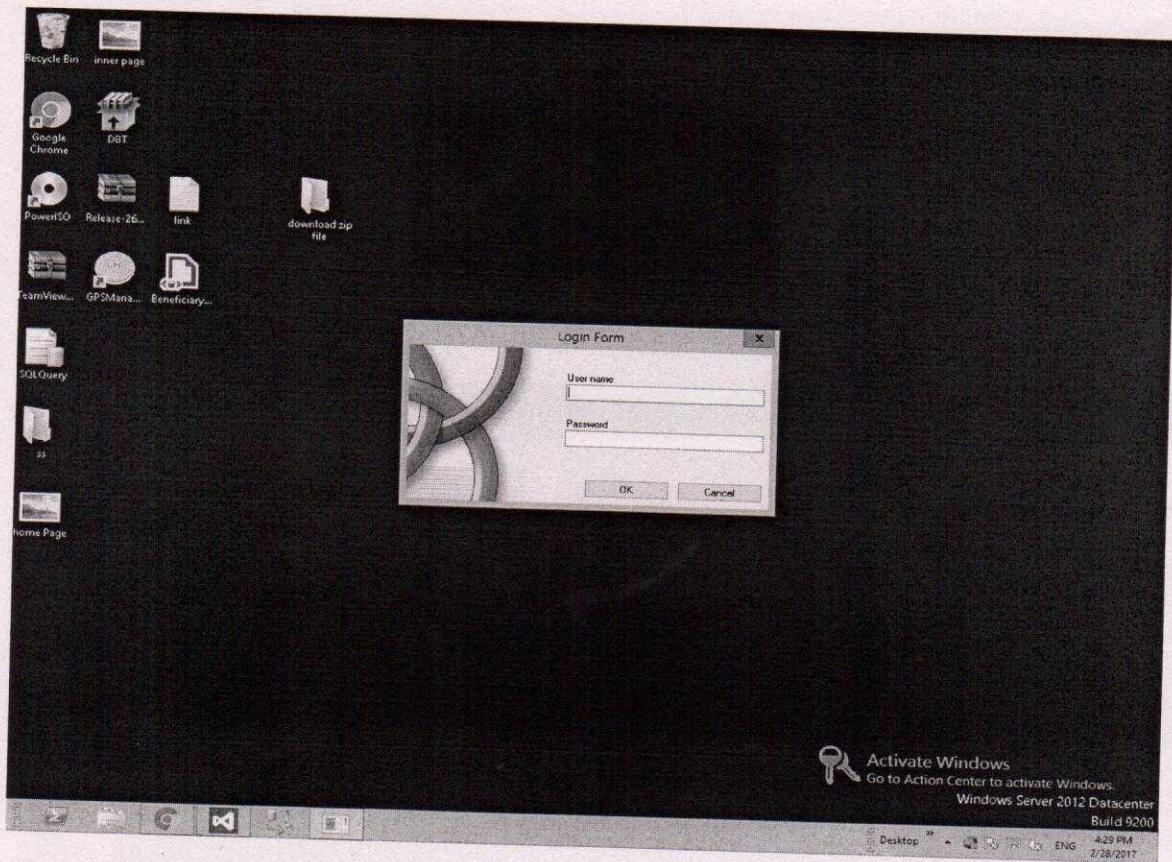
Screen 3

The screenshot shows a web browser window with the URL 10.248.215.207/dbt/DownloadWindowsUtility.aspx. The page title is "DIRECT BENEFIT TRANSFER (DBT)". The header includes the Indian national emblem and the text "Department Of Agriculture, Cooperation & Farmers Welfare, Ministry Of Agriculture & Farmers Welfare". Below the header, there is a navigation bar with links: Download Windows Application, Upload Beneficiary Data, Guidelines, and Logout. A main content area titled "Download file and Application for Offline Mode" contains dropdown menus for "State" (with "Select State..." option) and "District" (with "Select District..." option), along with three download buttons: "Download Location Master", "Download Beneficiary Master", and "Download EXE". At the bottom of the page, a footer notes: "Site is designed and hosted by National Informatics Centre. Contents published and managed by Department of Agriculture, Cooperation & Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India. All rights reserved."

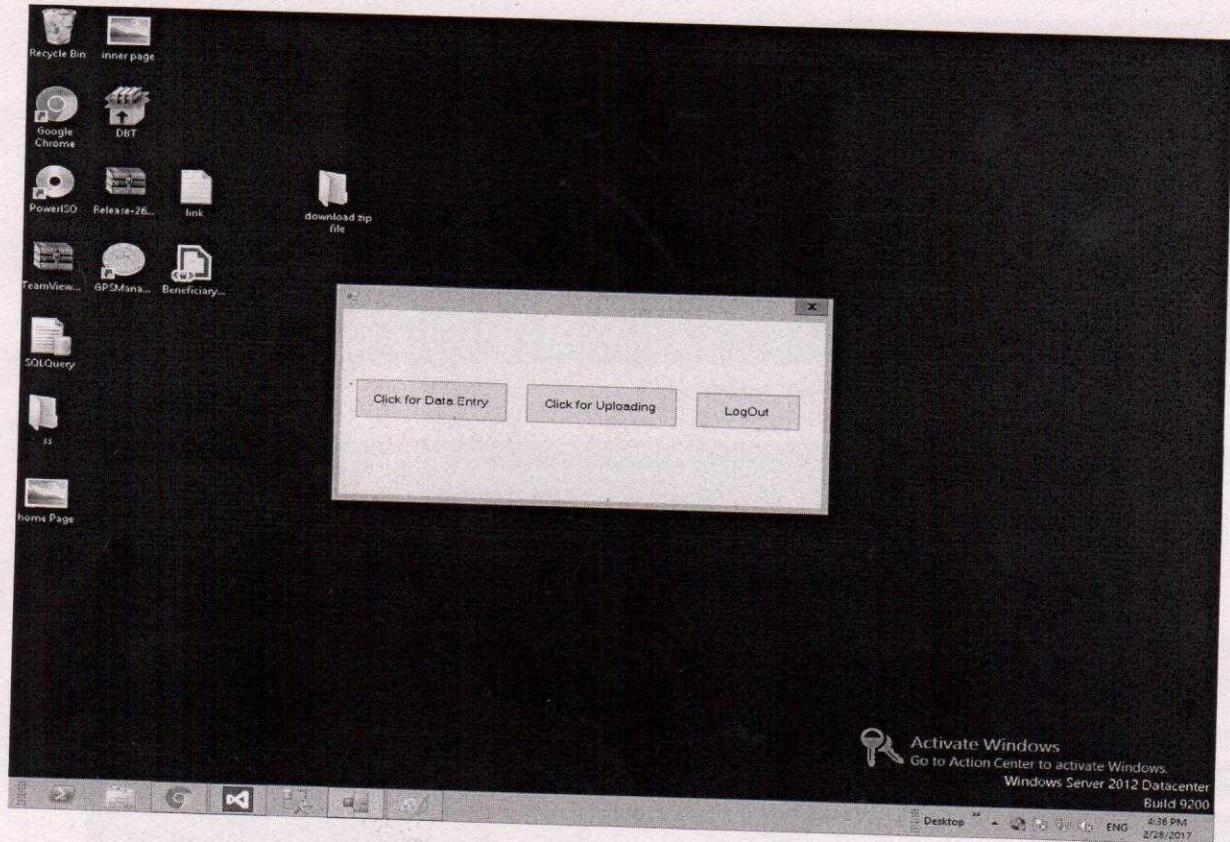
Screen 4

The screenshot shows a web browser window with the URL 10.248.215.207/dbt/DownloadWindowsUtility.aspx. The page title is "DIRECT BENEFIT TRANSFER (DBT)". The header includes the Indian national emblem and the text "Department Of Agriculture, Cooperation & Farmers Welfare, Ministry Of Agriculture & Farmers Welfare". Below the header, there is a navigation bar with links: Download Windows Application, Upload Beneficiary Data, Guidelines, and Logout. A main content area titled "Download file and Application for Offline Mode" contains dropdown menus for "State" (set to "ANDHRA PRADE") and "District" (set to "ANANTAPUR"), along with three download buttons: "Download Location Master", "Download Beneficiary Master", and "Download EXE". At the bottom of the page, a footer notes: "Site is designed and hosted by National Informatics Centre. Contents published and managed by Department of Agriculture, Cooperation & Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India. All rights reserved." The taskbar at the bottom of the screen shows several open files: DBT.exe, Data.xml, States.xml, and a Show all button. The system tray indicates the date and time as 10:38 AM, 2/14/2017.

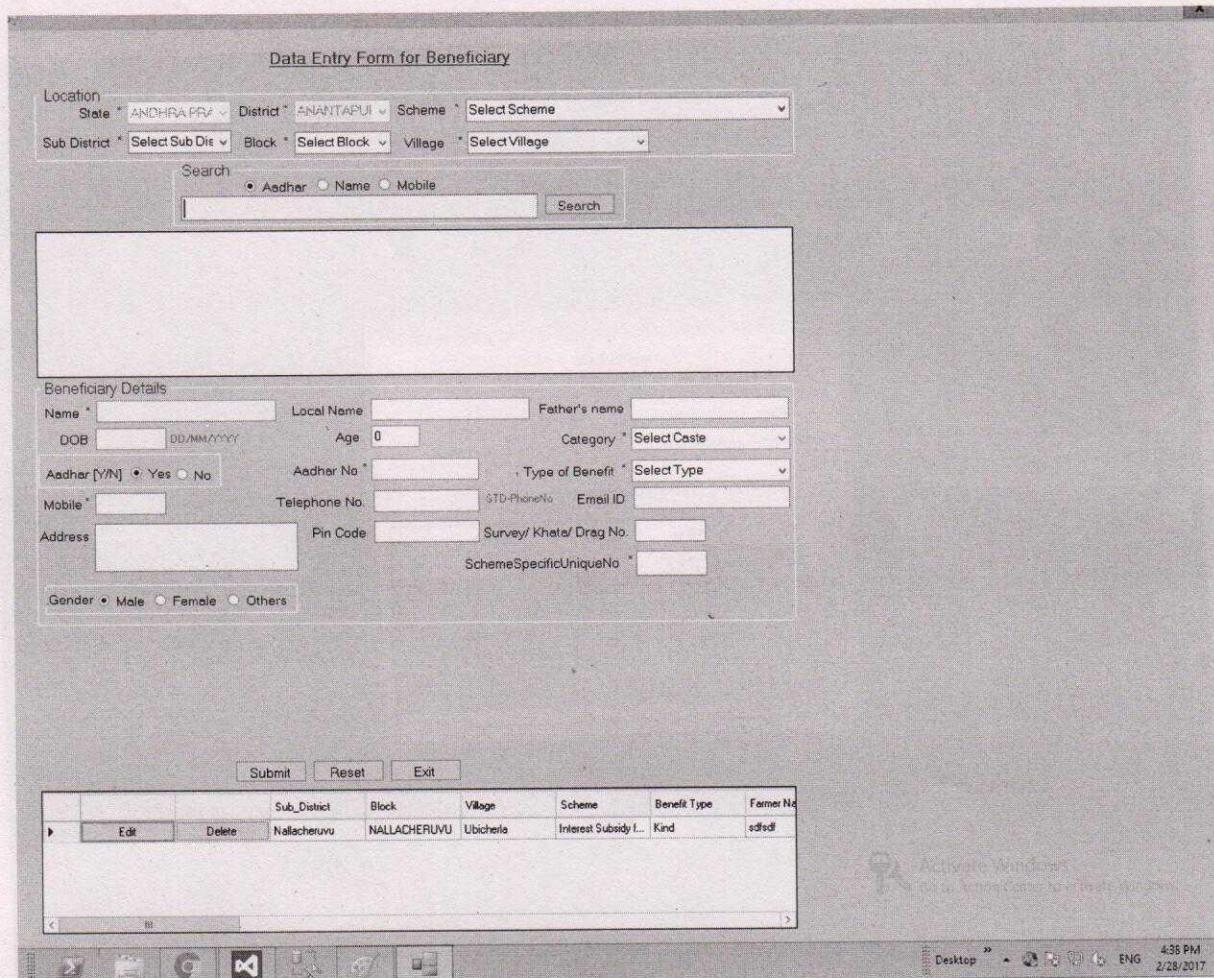
Screen 5 Login Screen



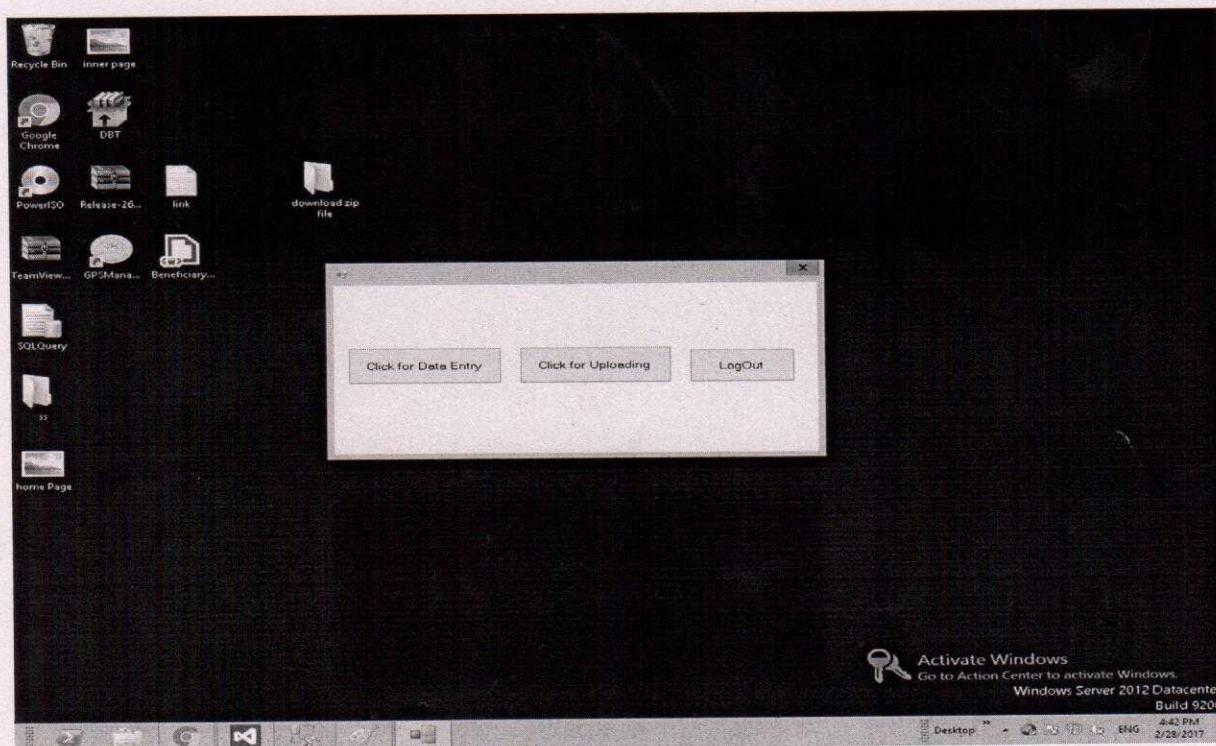
Screen 6



Screen 7



Screen 8 Data Entry Screen:



Screen 9

