

COMPUTERIZATION OF SALARY ACCOUNTS (COSA) VERSION 2.0

USER MANUAL

Department of Finance Government of West Bengal

Document ID: NIC-WBSC-COSA -001 Release Date: 27th February 2012 Version 2.0.0



National Informatics Centre West Bengal State Unit Department of Information Technology Ministry of Communications and Information Technology Government of India User Manual for COSA

User Manual

For

COMPUTERIZATION OF SALARY ACCOUNTS

VERSION 2.0

To be used at Finance Department, Government of West Bengal

Document ID: NIC-WBSC-COSA -001 Release Date: 27/02/2012 Version 2.0.0

Amendment Log

Version Number	Date	Change Number	Brief Description	Sections change
1.0	-	-	First Release for Finance Department	
1.0	2002	-	Second release for all Department	Almost all section changed.
1.0	26/05/2008	-	Release for WBSSC	-
2.0.0	27/02/2012	-	Release for WBSSC	-

No part of this document shall be reproduced without prior permission of State Informatics Officer, National Informatics Centre



National Informatics Centre

COSA

Page 2 of 277

TABLE OF CONTENTS

Chapter No.	Topics	Page No
Chapter 1	Introduction	
	1.0 Overview	5
	1.1 Salient Features	5
Chapter 2	Hardware & Software Specifications	
	2.0 Hardware Requirement	6
	2.1 Software Requirement	7
Chapter 3	Setup For COSA	
	3.0 Installation Guide For SqlServer2005/2008	8
	3.1 Problems when installing Sqlserver 2005	29
	3.2 Installation of COSA	36
	3.3 Conversion Of database From FoxPro To Sql	42
	3.4 Data Source Name Creation	49
Chapter 4	Getting Started	
	4.1 How To Log In	60
Chapter 5	Master Data	
	4.0 Introduction to Master Data	62
	4.1 Details discussion on Master Data	63
Chapter 6	Directory Data	
	5.0 Introduction To Directory Data	86
	5.1 Details discussion on Directory Data	87
Chapter 7	Salary Data	



National Informatics Centre

	6.0 Introduction To Salary Data	114
	6.1 Details discussion on Salary Data	98
Chapter 8	ECS/EPS etc.	
	7.0 Introduction To ECS/EPS	141
	7.1 Details discussion on EPS/ECS	142
Chapter 9	Query	
	8.0 Introduction To Query	150
	8.1 Details discussion on Query	151
Chapter 10	Reports	
	9.0 Introduction To Reports	159
	9.1 WB Govt. Monthly Reports	160
Chapter 11	Oth. Reports	
	10.0 Introduction To Other Reports	200
	10.1 Details Of Other Details	201
Chapter 12	GPF Module	
	11.0 Introduction To GPF module	216
	11.1 Details Of GPF Module	217
Chapter 13	Admin	
	12.0 Introduction To Admin module	224
	12.1 Details of Admin module	225
Chapter 14	Do's And Don'ts For DDOS	243

Chapter 15	Glossary	244
Chapter 16	Achievement	246
Chapter 17	Troubleshooting Tips	247



National Informatics Centre

Page 4 of 277

Chapter – 1 Introduction

OVERVIEW

The Finance Department, Government of West Bengal is responsible for management of finances of the State Government. It is concerned with all economic and financial matters affecting the State as a whole including mobilization of resources and allocation of resources for infrastructural development, social welfare, human development and administrative purposes. The major functions and activities of the Finance Department are budgeting and preparation of the Annual Financial Statement, approval of schemes pertaining to various Departments, monitoring of expenditure, facilitating collection of taxes through the Directorates under its administrative control, administration of Treasuries, Institutional Finance and internal audit of Government Departments. The Department also keeps a watch on current economic trends at the national and international levels.

National Informatics Centre (NIC) is a premiere S&T organization of the Government of India in the field of Informatics Services and Information Technology (IT) applications, and has been instrumental in steering Information and Communication Technology (ICT) applications in Government Departments at Central, State and Districts in government services, wider transparency in government functions, and improvement in decentralized planning and management. To facilitate this, NIC has established nationwide ICT Network-NICNET-with gateway nodes in Central Government Departments, 35 State/UT Secretariats, and in almost all 602 district Collectorates for IT services. The Government has designated the nation-wide Computer-Communication Network, NICNET, as the Government Network. The Organizational set up of NIC encompasses its Headquarters at New Delhi, State Units in all 28 State capitals and 7 Union Territory Headquarters and District centers in almost all the Districts of India. The Organization employs a large pool of efficient technical manpower. At the State level, the NIC State Units provide informatics support to their respective State Government and at the District level; The NIC District Centers provide effective Informatics support to the Development, Revenue and Judiciary administration of the District.



INTRODUCTION TO COSA

Payroll is one of the basic functions in every office for effective disbursal of salary and other allowances. It was around 2002 that the Finance Department of West Bengal Government decided to implement a standardized accounting system across the State covering around 8000 Drawing and Disbursing Officers towards computerization of salary accounts. NIC was entrusted by the State Government to design the software in such manner so that: -

Investment towards DDO Office computerization is minimum for around 8,000 locations

Ease to operate the software as maximum DDO offices did not have any kind of computer exposure and located at remote corners from the district headquarters and hence necessary technical support could not be provided by the implementing agencies.

NIC came out with a low-cost solution entitled "**Computerization of Salary Accounts**" (**COSA**) for generation of Pay bills, Schedules, Supplementary Bills, Arrear Bills, Pay Slip, Form-16 etc. The software was approved by Finance Department & was advised to implement the same in all the DDO offices of the State vide G.O no 9491-F dated 20.09.2002.

The highlighting feature of COSA in standalone environment is that it neither needs any DBMS to be installed in the user machine nor any sort of Programming/Reporting Software tool and thus it is proved to be a cost-effective solution. Strength of COSA lies in its user friendliness with ample online helps and can be installed by simply downloading from the website <u>www.wbfin.nic.in</u>.

COSA has already been implemented in around 2500+ DDO offices of the State Government in West Bengal. Salary Bills, Schedules are being generated regularly through COSA in successful manner.

Because of its user friendliness & cost-effectiveness, COSA has gained immense popularity. This is a rare instance in which any application software is implemented in such a large number of locations. COSA was handed over also to NIC, Orissa after necessary customization for implementation in State Government offices of Orissa.

Now, the Government has taken an initiative to redesign COSA with latest technologies. A suitable strategy has been modelled to provide a cost-effective solution. Existing COSA software may be redesigned as a web-enabled solution with a secure, robust, easy to use as well as open source Database at backend. There are around 8,000 DDO offices located throughout the State involving Block Headquarters, Subdivision Headquarters, District Headquarters. & State Capital Kolkata. The redesigned application software along with database may be hosted at



National Informatics Centre

COSA

Page 6 of 277

State Data Centre. Offices of DDOs may connect State Data Centre to perform salary accounting related activities using COSA.

SALIENT FEATURES

Computerization of Salary Accounts (COSA) has been developed as a low-cost Windows based Desktop Application for implementation in the State Government of West Bengal and the officials of the AG, West Bengal. The minimum requirement for its implementation is just a Personal Computer with MS Windows 98 or, higher version pre-loaded. The highlighting feature of COSA is that it neither needs any DBMS to be installed in the user machine nor any sort of Programming/Reporting Software tool and hence proved to be a cost-effective solution in conformation with the policy of NIC in implementing E-Governance in the State Government Offices. COSA is provided free of any charge to the user departments with necessary training for its successful implementation. Besides, COSA has incorporated the Head-of-Accounts concept in the Salary Accounts for integration with the Treasury Software and State Budget Software. New Performa for the Computerized Pay Bills has been devised by NIC in consultation with the Finance Department which has already been approved by the AG, West Bengal.



Chapter – 2: Hardware and Software Requirement

HARDWARE REQUIRED

The Required Hardware Specifications are as follows:

Configuration of PC (2 Nos.)

- Intel Pentium 4 Processor 2 GHz
- Intel Original 845/850 family Mother Board
- 400 MHz Bus Speed
- 256 MB DDR RAM (256 MHz)
- 40 GB Hard Disk Drive with Ultra ATA -100 Controller (5400 Rpm)
- 15" Color Monitor
- 1 Serial, 1 Parallel and 2 USB ports
- 52x CD-ROM Drive
- 1.44 MB Floppy Disk Drive
- 32 MB 128 Bit 2D / 3D Graphics Accelerator Card
- Multimedia Key Board
- P4 Cabinet with 300 Watt SMPS
- Microsoft Scroll Mouse
- Pre-Loaded Windows XP/ 2000 Professional

Configuration of Printer (2 Nos.)

24 Pin 136 Column 400 cps Dot Matrix Printer

Related Printer Ribbons (consumable items)

Uninterrupted Power Supply (UPS)

0.5 KVA Line-Interactive Desktop UPS (2 No.)

(Consumable items)

Back Up Device

1.44 MB Floppy Disk (at least 10 Boxes at the time installation)

Printing Stationeries

Good Quality 80 Column Printing Stationery (2 Boxes at the time of installation)

Good Quality 132 Column Printing Stationery (2 Boxes at the time of installation)



National Informatics Centre

COSA

Page 8 of 277

SOFTWARE REQUIRED

The Required Software's are as follows:

Νο	Purpose	Product/Tools
1.	Operating System	Windows xp/Windows 7/Vista
2.	Database	SqlServer 2005 Express Edition
3.	Required Software for Installing Sql Server	a. Dot Net Framework 2.0
		b. Windows Installer 3.1

**Dot Net Framework and Windows Installer is not required for Windows 7 operating system.

HOW TO GET THESE SOFTWARES

1. Download **SqlServer Express Edition 2005** from the following link given below **http://www.microsoft.com/download/en/details.aspx?id=21844**. Click on SQLEXPR.EXE to download the software.

2. Download **DOT NET FRAMEWORK 2.0** from the following link given below **http://www.microsoft.com/download/en/details.aspx?id=19.** Click on dotnetfx.exe to download the software.

3. Download **Windows Installer 3.1** from the following link given below **http://www.microsoft.com/download/en/details.aspx?displaylang=en &id=25.** Click on WindowsInstaller-KB893803-v2-x86.exe to download the software.



National Informatics Centre

Page 9 of 277

Chapter – 03: Setup For COSA

How to Install SQL Server 2005 - Step by Step

1. Open Setup folder ->Then open folder "SqlServerExpress2005"->Double click on "SQLEXPR_ADV.EXE" file.

\mathbf{r}	
Ζ.	

Extracting File:	autorun.inf	
To Directory:	c:\6acaca77aa4644bece3e1c	

3. Read the terms and conditions of the license agreement and click the check box to accept it.

	L Server 20	05 Setup				
d User Lic	ense Agreeme	ent				-
MICROS	OFT SOFTWA	ARE LICENSE	TERMS			
MICROS	OFT SQL SE	ERVER 2005 E ES SERVICE P	XPRESS	EDITION	WITH	
Microso live, o read th above,	oft Corpor one of its hem. They which inc ed it, if	erms are an oration (or books affiliates) y apply to the model oludes the model any. The to	ased c) and he sof edia c	on where y you. Ple tware nam on which y	ou ase .ed .ou	
* uj	pdates,					
* S1	upplements	з,				
* I:	nternet-ba	ased service:	s, and	L		
* S1	upport ser	rvices				~
🔽 I accep	t the licensing te	erms and conditions				
Print				Next>	1 Cano	-1

4. The Installing Prerequisites screen appears:

Microsoft SQL Server 2005 Setup	×
Installing Prerequisites Installs software components required prior to installing SQL Server.	
SQL Server Component Update will install the following components required for SQL Server Setup:	
Microsoft SQL Native Client Microsoft SQL Server 2005 Setup Support Files	
Click Install to continue.	
	<u> </u>

Click on the Install button and wait while the system components are configured.



5. Once the prerequisites are installed, click on the Next:

rosoft SQL Server 2005 Setup	~
Installs software components required prior to installing SQL Server.	
SQL Server Component Update will install the following components required for SQL Server Setup:	4
✓ Microsoft SQL Native Client	
✓ Microsoft SQL Server 2005 Setup Support Files	
The required components were installed successfully.	
[<u>N</u> ext> <u>C</u> an	cel



6. Wait for a few seconds for the following screen to appear, and then click on Next:





COSA

Page 13 of 277

7. The System Configuration Check screen appears:

0	Success	14 Total 14 Success	0 Error 0 Warning	
eta	- aile:		_	
	Action	Status	Message	•
0	IIS Feature Requirement	Success		
0	Pending Reboot Requirement	Success		
0	Performance Monitor Counter Require	Success		
0	Default Installation Path Permission Re	Success		
0	Internet Explorer Requirement	Success		
0	COM Plus Catalog Requirement	Success		
0	ASP.Net Version Registration Require	Success		
0	Minimum MDAC Version Requirement	Success		

If the configuration check completes successfully (Success appears in the top panel, all ticks in the Details panel), click on **Next**.



8. Fill in the Registration Information details:

Registration Informa The following informatio	ation n will personalize your installation.
The Name field must be	filled in prior to proceeding. The Company field is optional.
News	
Name: EXC-9	
, C <u>o</u> mpany:	
Hide advanced confi	guration options
Hide advanced confi	guration options
Hide advanced confi	guration options < Back Next > Cancel
Help	
Help	
Help	

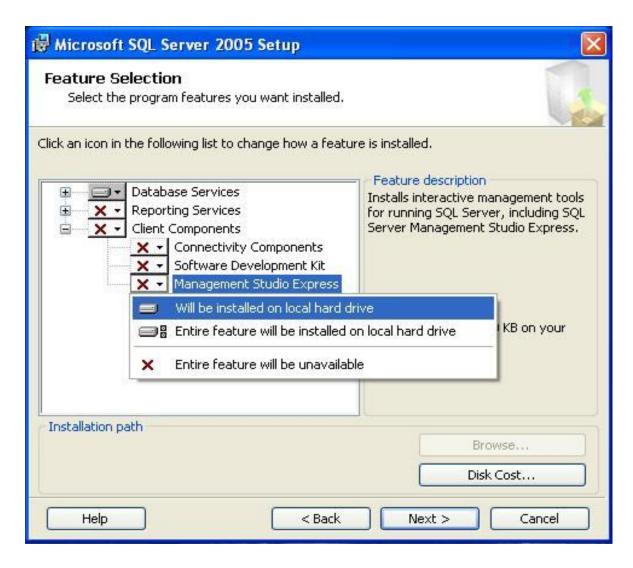


9. The advanced Features Selection screen opens:

Hicrosoft SQL Server 2005 Setup Feature Selection Select the program features you want installed.	
Click an icon in the following list to change how a feature Database Services Reporting Services Client Components Connectivity Components Software Development Kit X Management Studio Express	re is installed. Feature description Installs interactive management tools for running SQL Server, including SQL Server Management Studio Express. This feature requires 0 KB on your hard drive.
Installation path	Browse Disk Cost
Help < Back	Next > Cancel



10. Click on Management Studio Express->Then Select "will be installed on local hard drive"





COSA

Page 17 of 277

11. Do the same for all services and then click on "next"

Database Services Reporting Services Client Components Connectivity Components Software Development Kit Management Studio Express	 Feature description Installs components for communication between clients and servers, including network libraries for ODBC and OLE DB. This feature requires 19 MB on your hard drive.
Installation path Help < Back	Browse Disk Cost



12. Select the Named instance. And give name "SQL_COSA". Then click on next.

nstance Name You can install a default i instance.	instance or you can specify a named
ext. To upgrade an existing	nce. For a default installation, click Default instance and click g default instance, click Default instance. To upgrade an existing
amed instance select Name	d instance and specify the instance name.
O Default instance	
 Named instance 	
SQL_COSA	
To view a list of existing	instances and components click on Installed instances.
To view a list of existing	instances and components click on Installed instances.
To view a list of existing	instances and components click on Installed instances.



13. Select the components to install:

🙀 Microsoft SQL Server 2005 Setup
Components to Install Select the components to install or upgrade.
✓ SQL Server Database Services
🔽 Create a SQL Server failover cluster
Analysis Services
🔲 Create an Analysis Server failover cluster
Reporting Services
Notification Services
Integration Services
Workstation components, Books Online and development tools
For more options, click Advanced. Advanced
Help < Back Next > Cancel



14. Select the radio button Use the built-in System account:

r vice Account Service accounts define which accounts to	o loa in.	
<u>Customize for each service account</u> Service:		
Use the built-in System account	Local system	<u> </u>
O Use a domain user account		
Username:		
Password:		
Domain:		
art services at the end of setup		
SQL Server		
SQL Server Agent		
SQL Browser		

Click on Next.



COSA

Page 21 of 277

15. Change Authentication Mode to Windows Authentication Mode

Click on Next

	tication mode speci to SQL Server.	ifies the security	y used when		
Select the a	uthentication mode	e to use for this	installation.		
• Window:	s Authentication Mo	ode			
◯ Mixed M	ode (Windows Auth	nentication and	SQL Server A	uthentication)
Specify the	sa logon password	below:			
Enter p	assword:				
Confirm	password:				
Hala	ר ר	< Bac		Neutra	Cancel
Help	J		<u>.</u> _	Next >	Cancer



16. Keep the default collation settings

Dllation Settings Collation settings define the sorting	g behavior for your server.
llation settings for service: SQL Serv	er
O Collation designator and sort orde	er:
Latin1_General	×
Binary	Binary - code point
Case - sensitive	🗌 Kana - sensitive
Accent - sensitive	🔛 Width - sensitive
Binary order based on code point of Strict compatibility with version 1.x Dictionary order, case-sensitive, for Dictionary order, case-insensitive,	



17. The configuration option window opens. Check the enable user instances and add user to the sql server Administrative role. Then click on Next.

Configuration Options Configure user and administrator accounts
✓ Enable User Instances This option enables users without administrator permissions to run a separate instance of the SQL Server Express Database Engine.
Add user to the SQL Server Administrator role This option adds the user who is running the SQL Server Express installation program to the SQL Server System Administrator role. By default, users on Microsoft Windows Vista operating system are not members of the SQL Server System Administrator role.
Help < Back Next > Cancel



18. Report Server Installation options Window opens. Install the default configuration. Click on Next.

Hicrosoft SQL Server 2005 Setup	
Report Server Installation Options Specify how to install a report server instance.	
 Install the default configuration Install but do not configure the server 	Details
Setup will install the report server and configure it report server is usable as soon as Setup is finished	
A Secure Socket Layer (SSL) certificate is not insta recommends that you use SSL in most Reporting Se	
Help <a>Reck	Next > Cancel



19. Select Error Reporting and Usage options – it does not matter what these are set to, as they are completely at your discretion:

🙀 Microsoft SQL Server 2005 Setup
Error and Usage Report Settings Help Microsoft improve some of the SQL Server 2005 components and services.
Automatically send Error reports for SQL Server 2005 to Microsoft or your corporate error reporting server. Error reports include information regarding the condition of SQL Server 2005 when an error occurred, your hardware configuration and other data. Error reports may unintentionally include personal information, which will not be used by Microsoft.
Automatically send Eeature Usage data for SQL Server 2005 to Microsoft. Usage data includes anonymous information about your hardware configuration and how you use our software and services.
For more information on the error reporting feature and the type of information sent, click Help.
<u>H</u> elp < <u>B</u> ack <u>N</u> ext > Cancel

Click on Next.



20. The pre-installation screen will now appear:

	nation to start copying the program files. To proceed, clic allation settings, click Back. To exit setup, click Cancel.	ck Ins
ange any or your inse	anation settings, tilt back. To exit setup, tilt cancel.	
• SOI Server	Natahasa Saruicas	
(Database Services Integration Client Comp (Connectivity Comp		ce



21. The Setup Progress screen will appear, informing you of installation progress:

Product	Status	
SQL Setup Support Files	Setup finished	-
SQL Native Client	Setup finished	
SQL VSS Writer	Setup finished	
0WC11	Setup finished	
SQL Server Backward-Compatibility Files	Setup finished	
SQL Server Database Services		_
Integration Services		
Visual Studio Integrated Development	Configuring components	-
Status Installing native images		_



22. The Setup steps have completed:

Product	Status	•
20WC11	Setup finished	
SQL Server Backward-Compatibility Files	Setup finished	
SQL Server Database Services	Setup finished	
Integration Services	Setup finished	
Visual Studio Integrated Development	Setup finished	
SQL Server Books Online	Setup finished	
SQLXML4	Setup finished	
Workstation Components, Books Onlin	Setup finished	

Click on Next.



23. The Completing Microsoft SQL Server 2005 Setup screen will now appear:

💹 Microsoft SQL Server 2005 Setup	×
Completing Microsoft SQL Server 2005 Setup	
Setup has finished configuration of Microsoft SQL Server 2005	
Refer to the setup error logs for information describing any failure(s) that occurred during setup. Click Finish to exit the installation wizard.	
Summary Log	
To minimize the server surface area of SQL Server 2005, some features and services are disabled by default for new installations. To configure the surface area of SQL Server, use th	ne
Surface Area Configuration tool.	
 Analysis Services If Analysis Services was upgraded from SQL Server 2000, all cubes, dimensions, and mining models must be reprocessed using SQL Server Management Studio. 	
 Reporting Services The Reporting Services installation options you specified in Setup determine whether further configuration is required before you can access the report server. If you installed the default configuration, the report server can be used immediately. If you installed just the program files you must run the Reporting Services Configuration tool to deploy the 	•
<u>H</u> elp <u>Einish</u>	

Click on Finish.

SQL Server 2005 installation is now complete.



National Informatics Centre

SQL Server Express edition Installation problems

Prerequisite software: SQL Server Setup requires Microsoft .NET Framework 2.0, Windows Installer 3.1,Microsoft Data Access Components (MDAC) 2.8 SP1 or later. You can download MDAC 2.8 SP1 from Microsoft Web site.

There is executable file **SQLEXPR32.EXE** available to install SQL Server Express:

SQLEXPR32.EXE: Install on x86-based computers only. This program will not run on any 64-bit platform (not even WoW64).

If you are unable to install SQL Server 2005 Express successfully. Below are some basic troubleshooting guides to help you to fix the problems: -

Step 1

You must be able to identify the source of error by open the installation log file which was generated by Microsoft during the installation process. The log file is normally can be found at C:\Program Files\Microsoft SQL Server\90\Setup Bootstrap\LOG\Summary.txt. However, if you have installed them at different path, you must change to your path accordingly to look out for the log file. The log file will indicate the installation status for every SQL components.

1. Error message when you try to install SQL Server Express Edition: "The SQL Server service failed to start

When you are going to install Sql Server 2005 in your machine run the .exe file with **administrative privilege**.

2. Windows Installer is required

Install **WindowsInstaller-KB893803-v2-x86.exe** before you install Sql Server 2005 on Windows XP Service pack 2.



National Informatics Centre

COSA

Page 31 of 277

3. Dot Net framework 2.0 or above is required.

SQL Server Express Setup requires **.NET Framework 2.0** to be installed prior to running the sqlexpr.exe. If .NET Framework 2.0 is not present, you will encounter an error.

4. Error Message "Access Denied" when you want to run SQLEXPR32.EXE software.

Install Microsoft Data Access Components (MDAC) 2.8 SP1 or later. Download **MDAC** 2.8 for Windows XP from the following link given below http://www.microsoft.com/download/en/details.aspx?id=5793. Click on MDAC_TYP.EXE to download the software.

MORE IN DETAILS:

1. Error in Installing MS SQL Server Express in Windows XP SP3 / MSXML6 SP2

If you are trying to install SQL Server 2005 Express edition in Windows SP3 environment, it will most likely fail unless Microsoft has done something to fix this.

Symptoms include SQL Server Express edition installation return error and the error log mentioned MSXML 6 Service Pack 2 (KB954459) — Configuration failed. The root cause is Windows XP SP3 or MSXML 6 Service Pack 2 protects the MSXML 6 configuration file from update and changes. As a result, the setup fails to continue.

There are some ways to solve this, including

1. Uninstall Service Pack 3, install Microsoft SQL Server Express edition, and reinstall SP3.

2. Disable the File system protection temporarily using regedit.

But, the best way is

3. Uninstall MSXML6 SP2, by using Windows Installer Cleanup Utility which can be downloaded from http://download.microsoft.com/download/e/9/d/e9d80355-7ab4-45b8-80e8-983a48d5e1bd/msicuu2.exe. Then install SQL Server Express edition just like usual.



National Informatics Centre

COSA

Page 32 of 277

2. Error message when you try to install SQL Server Express or SQL Server Express Edition or SQL Server Express Edition with Advanced Services: "The SQL Server service failed to start"

This problem occurs because the Network Service account does not have permissions on the following folder:

C:\Documents and Settings\NetworkService\Application Data\Microsoft\Protect

To work around this problem, grant the Network Service account the Full Control permission on the Protect folder. To do this, follow these steps:

1. Open My Computer.

2. Type C:\Documents and Settings\NetworkService\Application Data\Microsoft in the address bar, and then press ENTER.

3. Right-click the Protect folder, and then click Properties.

4. In the folder Properties dialog box, click the Security tab.

5.Under Group or user names, determine whether NETWORK SERVICE is listed. If NETWORK SERVICE is not listed, follow these steps to add this account:

A. Click Add to show the Select Users or Groups dialog box.

B. Click Locations, select your computer name in the Locations dialog box, and then click OK to return to the Select Users or Groups dialog box.

C. Type Network Service in the Enter the object names to select box, and then click Check Names.

D. Click OK to close the Select Users or Groups dialog box.

6. Click NETWORK SERVICE under Group or user names, and then click to select the Allow check box for Full Control under Permissions for NETWORK SERVICE.

7. Click OK to close the folder Properties dialog box.

8. Click Retry in the error message dialog box to continue to install SQL Server Express Edition or SQL Server Express Edition with Advanced Services.

9. Run the setup procedure again.



How to solve "Failed on MSXML 6 Service Pack 2

1. Remove the MSXML 6.0 Parser and related components (with MSXML 6 *.*) from Add and Remove Programs at Control Panel. Please refer to the following screen snapshot.

B Add or Re	nove Programs				
-	Currently installed programs:	Sort by: Name	~		
Change or Remove	弱 miniMRP		Size	e S.20MB e 0.04MB e 31.45MB e 2.56MB e 2.56MB e 2.62MB e 2.62MB e 2.62MB e 2.62MB e 33.42MB e 33.42MB e 1.37MB e 1.37MB e 1.37MB	^
Programs	(引 MM5Assist		Size	0.04M8	
Th	() Mazila Firefox (3.0.4)		Size	31.45MB	
Add New	15 MSWML 4.0 SP2 (KB925672)		Size	2.56MB	
Programs	151 MSXML 4.0 SP2 (KB927978)		Size	2.56MB	
-	15 MSXML 4.0 SP2 (KB936181)	ams: Sort by: Name Size 5.204 Size 0.044 () Size 31.454 25672) Size 2.564 27978) Size 2.564 36181) Size 2.564 36181) Size 2.664 54430) Size 2.667 Size 2.677 Pack 2 (K8954459) Size 1.633 thirtformsion. Used read an or remove it from your computer, click Change or Remove. Change Remov DBC 3.51 Size 8.694 Size 1.377 Size 1.377 Size 1.377 Size 4.464 Size 1.377	2.62MB		
9	15 MS204L 4.0 SP2 (K8954430)		Size	2.67MB	
Add/Remove Windows	🚦 M5XML 6 Service Pack 2 (KB954459)		Size	LESSING	
Components	Click here for support information.		URed	reactiv.	
	To change this program or remove it from your computer,	dick Change or Remove.	Change	Remove	
Set Program Access and	MySQL Connector/ODBC 3.51		Size	8.69MB	
Defaults	MySQL Tools for 5.0		Size	33.42MB	Ter.
	PAD Creator 2.0.1		Size	1.37MB	
	Paint.NET v3.36		Size	Size S.20M8 Size 0.04M8 Size 31.45M8 Size 2.56M8 Size 2.65M8 Size 2.62M8 Size 2.67M8 Size 2.67M8 Size 2.67M8 Size 33.42M8 Size 33.42M8 Size 1.37M8 Size 4.46M8 Size 4.96M8	
	PayPal ASP.NET SDK		Size	4.98MB	
	🕸 pgAdmin III 1.4		Size	17.51M8	
	圆 PHP 5.2.6		Size	8.15M8	
	Alexander				Y

2. If you failed to remove them completely, you can download Windows Installer Clean Up from http://www.eStockCard.com/Software/msicuu2.exe.

3. After you have successfully downloaded and installed it. Once installed successfully, go to All Programs and run Windows Install Clean Up. Try to look for "Microsoft SQL Server MSXML 6.0 Parser" and related components (MSXML 6.0 *.*) and remove them completely. Here is the screen snapshot:-



heed to reinst: Windows Inst;	all some or all applica aller technology to be se press the 'Exit' bu	nent changes to your itions on your system installed. If you do n tton now. Choosing 'F	that used the ot want to
nstalled Produ	icts:		
(All Users) M (All Users) M	icrosoft SQL Server icrosoft SQL Server	2005 Tools Express E 2008 Browser [10.0.1 2008 Management Ok 2008 Native Client [10 2008 Setup Support F Database Publishing V Desktop Engine (MICF Desktop Engine [8.00 Management Studio E Native Client [9.00.30 Setup Support Files (1	1600.22] ojects [10.0.160 0.0.1600.22] files (English) [1 Mizard 1.3 [10.0 COSOFTSMLBIZ 761] xpress [9.00.30 42.00]
		VSS Writer [10.0.160	
State of the second of the second se second second sec		sional 2002 [English] [PowerPacks 2.0 [2.0	

Re-run again the install_eStockCard.exe to perform re-installation.



2. How to solve for "MS. SQL Server Native Client not being found during installation"

1. You are recommended to run the installation one more time. Our experience reveals that this error can be fixed after re-installation.

2. If Step 1 is not workable, then you have to manually uninstall several SQL components by open Add or Remove Program from control panel. Below is the screen snapshot :-

Cur	ently installed programs:	🗖 Sh	ow updates	Sort by: Name		3
e Be	Acrosoft Office Small Business Connectivity Compone	013	-	Size	0.15MB	ġ
	Acrosoft Office Visio Professional 2007 Trial			Size	542.00MB	The second second
1	Acrosoft Silverlight			Size	1.29MB	
, B	Microsoft SQL Server 2005		Size	1,030.00MB		
	Acrosoft SQL Server 2005 Books Online (English) (Feb	muary 2007)		Size	142.00MB	
6	ficrosoft SQL Server 2005 Compact Edition (ENU)			Size	1.74MB	
			Sze	66.95MB		
. 8	rlicrosoft SQL Server 2008 Browser			Sce	7.94MB	
8	Alcrosoft SQL Server 2008 Management Objects		528	11,47MB		
	Hcrosoft SQL Server 2008 Native Client			Size	4.48MB	
B	Acrosoft SQL Server 2008 Setup Support Files (Englis	h)		Size	32.99MB	
B	Acrosoft SQL Server Database Publishing Wizard 1.3			Size	10.30MB	
0	ricrosoft SQL Server Desktop Engine			Size	55.66MB	1
8	ricrosoft SQL Server Desktop Engine (MICROSOFTSM	1.81Z)		Size	70.75MB	
đ	ficrosoft SQL Server Management Studio Express			Size	97.87MB	
8	ficrosoft SQL Server Native Client			Size	4.21MB	
8	ricrosoft SQL Server Setup Support Files (English)			Size	26.35MB	
B	ficrosoft SQL Server VSS Writer			Size	0.55MB	



COSA

Page 36 of 277

A. Microsoft SQL Server 2005

i. Choose to remove SQI	_ Server 2005	Common Com	ponents ONLY.
-------------------------	---------------	------------	---------------

Microsoft SQL Server 20)05 Uninstall			
Component Selection Select SQL Server 200	5 components to unir	stall.		
o uninstall existing compone	nts, select componen	ts to remove ar	nd click Next.	
Remove SQL Server 2005	instance component:	5		
Select an instance:				
O MRCLEAN: Database O MSSMLBIZ: Database				
MSSMLBIZ: Database emove SQL Server 2005 con	Engine nmon components			
MSSMLBIZ: Database emove SQL Server 2005 con	Engine nmon components			
MSSMLBIZ: Database emove SQL Server 2005 con	Engine nmon components			Report
A Statistic Control of Control Statistics (Control Statistics)	Engine nmon components			<u>R</u> eport

b. Microsoft SQL Server 2005 Native Client.

- c. Microsoft SQL Server VSS Writer
- d. Microsoft SQL Server Setup Support Files (English)

Upon the completion of Step 2, reboot your computer and re-run install_eStockCard.exe again. It should solve the problem.



National Informatics Centre

HOW TO OPEN AND CONNECT SQL SERVER 2005

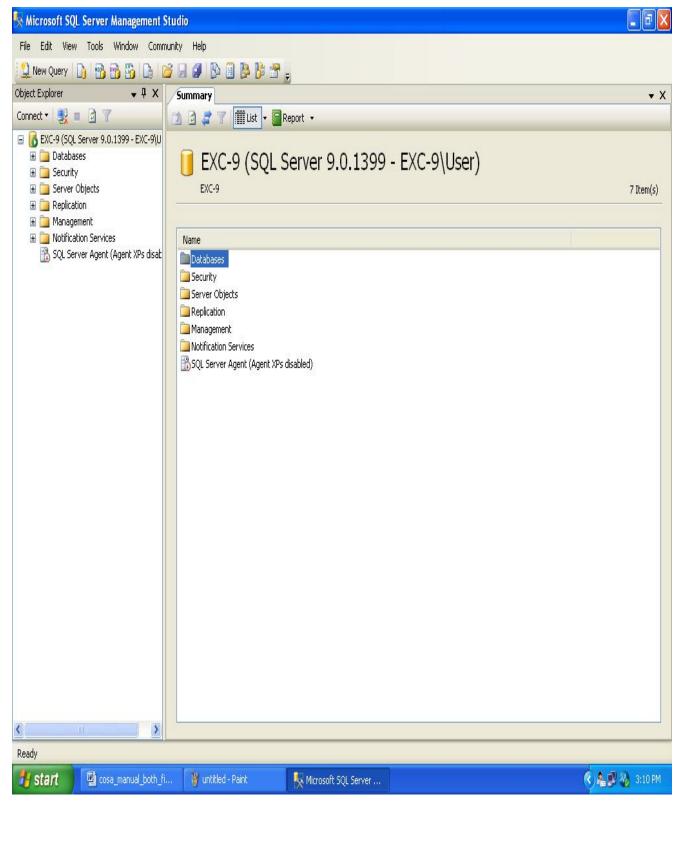
Click on <Start> go to All Programs->Microsoft Sql Server 2005->Sql Server Management Studio.

		1		1
SQL Server Business Intelligence Developr	icrosoft SQL Server 2005	۶	m Configuration Tools	•
N	microsoft Visual Studio 2005	۲	🛅 Documentation and Tutorials	•
All Programs 👂	🛅 Microsoft Visual Studio 2008	ł	🛅 Analysis Services	•
	🛅 Microsoft Windows SDK v6.0A	÷	Performance Tools	÷
	🛅 Seagate Crystal Reports Distribution	•	🧭 SQL Server Business Intelligence Development Studio	
🖞 start 🛛 🖳 🛛	🍪 COSA		\\ SQL Server Management Studio	

The following screen will appear. Click on connect.

Microsoft SQL Server Management S				
File Edit View Tools Window Comm	nunity Help			
🔔 New Query 🕞 📸 📸 🕞	Connect to Ser	ver		
Connect • 🛃 🖬 🕜 🍸	SQL Ser	Ver 2005	vs Server System	
	Server type:	Database Engine	V	
	Server name:	EXC-9\SQL_COSA		
	Authentication:	Windows Authentication		
	User name:	EXC-9\User	×.	
	Password:			
		Remember password		
INFORMATICS CENTRE THE IT SUPPORT PROFESSIONALS ational Informatics Centre		COSA	Page 38 of 277	

Now you are connected with Sql Server.





COSA

Page 39 of 277

PROCEDURE:1

COSA DATABASE CREATION

Go to File menu->Open->File->Select the File **"CreateDatabaseScript.sqll**" which remains within the Setup folder

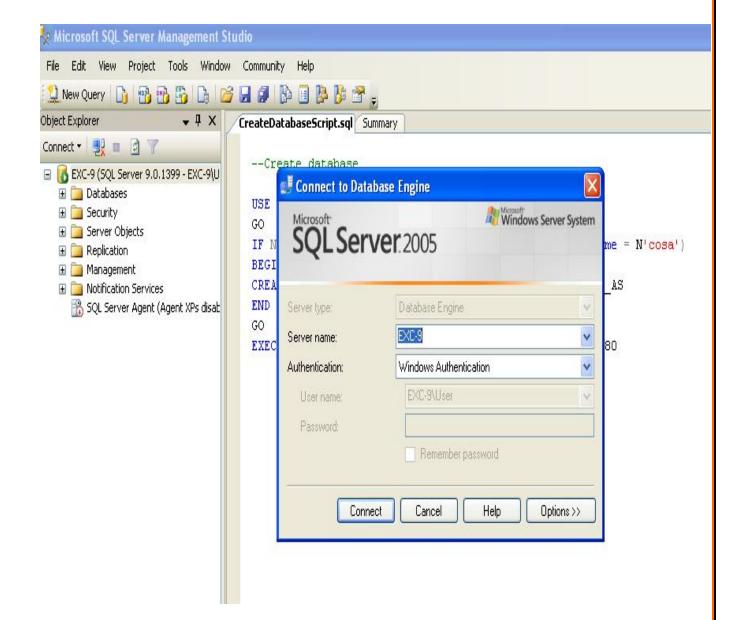
× M	icrosoft SQL Server Manag	ement St	udio
File	Edit View Project Tools	Window	Community Help
뢒	Connect Object Explorer		i 🖬 🕼 🗎 📴 🚰 🖕
2	Disconnect Object Explorer	Ψ×	Summary
	New		🔟 🖻 🥏 🍸 🛄 List 👻 🚰 Report 💌
	Open I	Pro	oject/Solution Ctrl+Shift+O
	Add I	- 🞽 File	ctrl+o Server 9.0.1399 - EXC-9\User)
	Close		EXC-9
đ	Close Solution		
	Save Solution1 Ctrl+S		Name
i de cen	Save Solution1 As	s disat	Databases
9	Save All Ctrl+Shift+S		Security
	Source Control		Replication
D	Page Setup		Management
4	Print Ctrl+P		SQL Server Agent (Agent XPs disabled)
	Recent Files I		
	Exit		
		- 1	



COSA

Page 40 of 277

Click on connect.





COSA

Page 41 of 277

Click on execute.

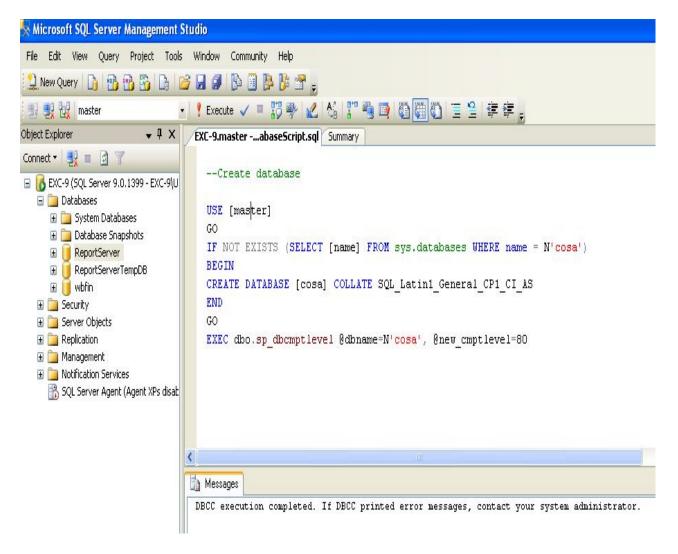
🗏 Microsoft SQL Server Management S	itudio
File Edit View Query Project Tools New Query Image: Project Image: Project </th <th>3 日 ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●</th>	3 日 ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●
Connect ▼ 22 ■ 2 7 Connect ▼ 2 0 Connect ▼ 22 ■ 2 7 Connect ▼ 22 ■ 2 7 Connect ▼ 2 0 Connect ■ 2 0 Conne	<pre>EXE[Execute rabaseScript.sql SummaryCreate database USE [master] GO IF NOT EXISTS (SELECT [name] FROM sys.databases UHERE name = N'cosa') BEGIN CREATE DATABASE [cosa] COLLATE SQL Latin1_General_CP1_CI_AS END GO EXEC dbo.sp_dbcmptlevel @dbname=N'cosa', @new_cmptlevel=80</pre>



COSA

Page 42 of 277

COSA Database created successfully.



Similarly run "CreateTableScript.sql" file and "InsertMasterDataScript.sql" file which remains within the Setup folder.

COSA database creation complete.



COSA

Page 43 of 277

PROCEDURE:2

CREATE COSA DATABASE FROM BACKUP FILE

Right click on Databases->select Restore Database

Microsoft SQL Server Management Studio	
File Edit View Project Tools Window Community Help	
Le view Project fools window community help	
Object Explorer V X Summary	• X
Connect - 🛃 = 🖄 T	• •
EXC-9 (SQL Server 9.0.1399 - EXC-9)U	
	5 Item(s)
Image: Attach EAC-9(pacapases Image: Attach EAC-9(pacapases	o rom(s)
🛎 😕 Restore Files and Filegroups	
E Server Upgetts Database Snapshots	
H	
Construction Services	
🚯 SQL Server Agent (Agent XPs disat	
Ready	
🖅 start 🔄 🔄 cosa_manual_both_fi 🦉 untitled - Paint 🛛 🦻 Microsoft SQL Server 🖓 ReadMe.doc - Micros	🔇 🖺 🗾 🚳 - 3:33 PM -



COSA

Page 44 of 277

Give name "cosa" as "To database". Give your back up database location in the from device text box. Check on Restore. Click <OK>

🧻 Restore Database - cosa								
Select a page	🔄 Script 🝷	🚹 Help						
🚰 Options	Destination fo	or restore						
	Select or t	type the r	name of a new) or existir	ng database for your re	estore operal	ion.	
	To databa			cosa	and a secolate			
	To a point Source for re:			Most rec	ent possible			
				- (h h.	and the sectors			
		e source latabase:		or backup	o sets to restore.			5
	 From d 			C:\F	Program Files\Microsof	t SQL Serve	MSSQL.1	MSS
	Ť.		sets to restore		-			
	Restore	Name	1		Server	Database	Position	First LSN
Connection			Database	Full	FINANCESERVER	COSA	1	294000005
Server: EXC-9								
Connection: EXC-9\User								
View connection properties								
Progress								
Ready								
"Vest"	<	Ш						>
								Canad



PROCEDURE:3

CREATE COSA DATABASE BY ATTACHING MDF FILE

Right click on Databases->select Attach

🍢 Microsoft SQL Server Management Studio
File Edit View Project Tools Window Community Help
😥 New Query 🕞 📸 😘 😘 🕞 🚅 🗐 🖗 🕼 🖉 🖓
Object Explorer
Connect - 🛃 🗉 🍸 🚺 🖄 🦨 🍸 🗰 List - 🗐 Report -
EXC-9 (SQL Server 9.0.1399 - EXC-9 U Databases Databases Attach Refresh Securit Refresh Server Refresh Server Refresh Server Refresh Server Refresh Server Replication Management Notification Services SQL Server Agent (Agent XPs disat wbfin



COSA

Page 46 of 277

Click on **Add**

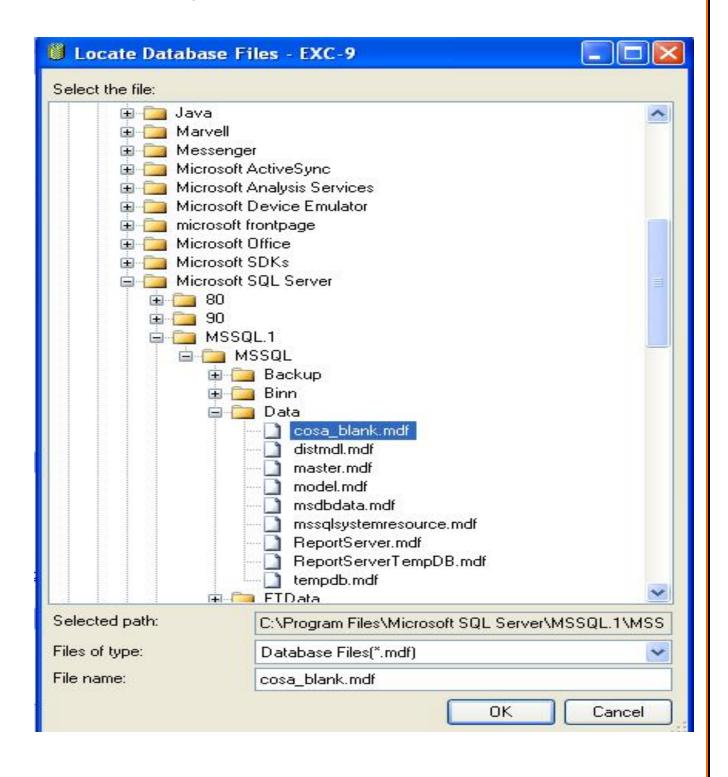
🧃 Attach Databases					
Select a page Providential Selection	🔄 Script 🝷 🚺 Help				
	Databases to attach:				
	MDF File Location	Database	Attach As	Owner Sta	itus Message
				<u>A</u> dd	<u>R</u> emove
	Database details:				
	Original File Name	File Type Current F	ïle Path	Messag	je
Connection					
Server: EXC-9					
Connection: EXC-9\User					
View connection properties					
Progress					
Ready					



COSA

Page 47 of 277

Select the location of your .mdf file. Then Click on <OK>





COSA

Page 48 of 277

Click on **Ok**.

🧃 Attach Databases							
Select a page	🔄 Script 🝷 🚺 Help	3					
😭 General							
	Databases to attach:						
	MDF File Locatio	n Da	atabase	Attach As	Owner	Status	Message
	C:\Program Files	100 C		cosa	EXC-9\		
	k						
				ſ	<u>A</u> dd		Remove
	"cosa" database deta	ile:		<u> </u>			
	Original File Name	File Type	Current	File Path	Me	essage	1
Connection	cosa_Data.MDF	Data		am Files\Micros		ot Found	
	cosa_Log.LDF	Log		am Files\Micros	10-10-10-10-10-10-10-10-10-10-10-10-10-1	ot Found	
Server: EXC-9							
Connection:							
EXC-9\User							
View connection properties							
Progress							
Ready							
Real of							Remove
							тощетов —
	by						Canaal
							Cancel
cosa database creation c	omplete.						
	ompiete.						
INFORMATICS CENTRE THE IT SUPPORT PROFESSIONALS	C	OSA					

National Informatics Centre

Page 49 of 277

HOW TO TAKE COSA DATABASE BACKUP

PROCEDURE:1

Click on <Start> go to All Programs->Microsoft Sql Server 2005->Sql Server Management Studio.

SQL Server Business Intelligence Developr		🕨 🛅 Configuration Tools 🛛 🔸
N	🛅 Microsoft Visual Studio 2005	 Documentation and Tutorials
All Programs 🜔	🛅 Microsoft Visual Studio 2008	 Analysis Services
	🛅 Microsoft Windows SDK v6.0A	 Performance Tools
	🛅 Seagate Crystal Reports Distribution	🔸 🛷 SQL Server Business Intelligence Development Studio
🖥 start 🛛 🚇 🛛	🍪 COSA	🍢 SQL Server Management Studio

The following screen will appear. Click on connect.

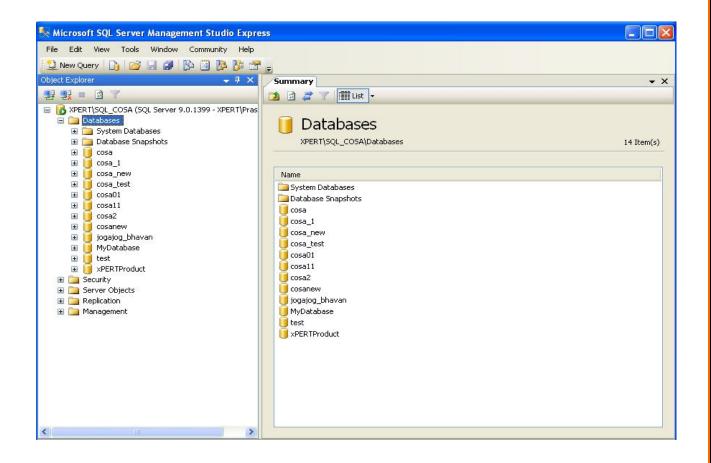
Microsoft SQL Server Management Studio ile Edit View Tools Window Community Help	
🗅 New Query 🕞 🙈 🙈 😘 🕞 🕞 🔗	
ject Explorer 🚽 🗸 💶 Connect	
onnect • 🕎 🔳 🖻 👕 Microsoft	Server 2005
Server type:	Database Engine
Server name:	e: EXC-9\SQL_COSA 💽
Authentication	ion: Windows Authentication
User name	me: EXC-9\User
Password	di d
	Connect Cancel Help Options >>
in the second	



COSA

Page 50 of 277

Then Click On Databases.

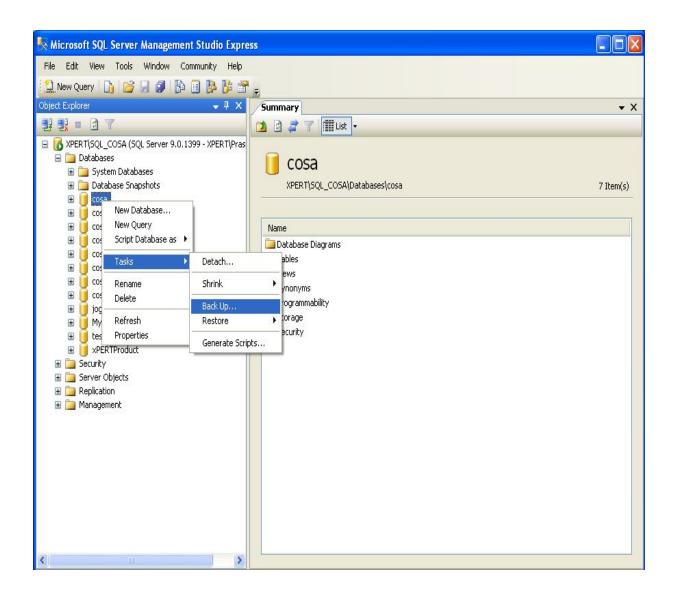


After that Right Click On 'COSA' database -> Tasks -> Back Up. Shown in the following Screen.



COSA

Page 51 of 277



After clicking on back up the following screen will appear.



COSA

Page 52 of 277

🥫 Back Up Database - cosa						
Select a page P General	📓 Script 🝷 🚺 Help					
🚰 Options	Source					
	Database:		cosa		~	
	Recovery model:		FULL			
	Backup type:		Full		~	
	Backup component	t				
	💿 Database					
	🔘 Files and filegrou	ups:				
	Backup set					
	Name:	cosa-F	full Database Back	up		
	Description:					
	Backup set will expire:	0	•			
Connection	 After: On: 	01/03/2012		days		
Server:	Destination	01703/2012				
XPERT\SQL_COSA	Back up to:	💿 Disk	🔿 Tap	e		
Connection: XPERT\Prashanta	J:\cosa_200212.BAK				Add	
View connection properties				ſ	Remove	
				ſ	Contents Clic	
Progress				L	Contents	
Ready						
				1		
				ОК	Cancel	
					:	

In this screen click on <Add> button to select where you will store the back up file. The following screen is shown for this.



COSA

Page 53 of 277

🧃 Back Up Database - cosa				
Select a page	🔄 Script 🝷 🚺 Help			
🚰 Options	Source			
	Database:	cosa		~
	Recovery model:	FULL		
	Backup type:	Full		~
	Select Backup Destination			
Connection Server:	Select the file or backup device for the backup devices for frequently used file Destinations on disk File name: Program Files\Microsoft SQL Set Backup device: 	es.		to select
XPERT\SQL_COSA	раск црто.	Disk O Tal		
Connection: XPERT\Prashanta	J:\cosa_200212.BAK			Add
View connection properties			ſ	Remove
Progress			ſ	Contents
C Ready				
			ОК	Cancel



🥫 Back Up Database - cosa	🔋 Locate Database F	iles - XPERT\SQL_COSA		_ 🗆 🗙
Select a page	Select the file:			
General ∰ Options	C: C: To and the first of the f	e167163 5 e er o_sql		
Connection Server: XPERT\SQL_COSA Connection: XPERT\Prashanta View connection properties	COSA_SW_2 Cosa1 Cosa3 Cosa1 Cosa3 Cosaful Cosafu	nd Settings	~	Add
	Selected path:	C:\cosa database\New Folder		Contents
Progress	Files of type:	Backup Files(*.bak;*.tm)	~	Contents
C Ready	File name:	cosa.bak	Cancel	
0			UK	Cancel

Select any blank folder from your any drive and give the file name 'cosa.bak' and then Click on ok.



COSA

Page 55 of 277

🧃 Back Up Database - cosa			
Select a page General Options	Script 🝷 🛐 Help		
	Source		
	Database:	cosa	~
	Recovery model:	FULL	
	Backup type:	Full	~
	Backup component:		
	Select Backup Destination		
Ь	elect the file or backup device for the backup dest ackup devices for frequently used files. Destinations on disk ③ File name:	ination. You can create	
	C:\cosa database\New Folder\cosa.bak		
	O Backup device:		
Connection		~	
Server: XPERT\SQL_COSA Connection: XPERT\Prashanta		OK Cancel	Add
View connection properties		Click Here	Remove Contents
Progress			Contents
C Ready			
		ОК	Cancel

Again Click on <ok>.



COSA

Page 56 of 277

🧾 Back Up Database - cosa				
Select a page	🖾 Script 🔹 📑 Help			
🚰 Options	Source Database:		cosa	
	Recovery model:		FULL	
	Backup type:		Full	~
	Backup compor	nent:		
	 Files and file 	groups:		
Ŷ	Management Studio			
P3				ок
Connettuur Server:	Destination	0170372012		
XPERT\SQL_COSA	Back up to:	💿 Disk	🔘 Tape	
XPERT\Prashanta	C:\cosa database\	New Folder\cosa.bak		Add
View connection properties				Remove
Progress				Contents
Executing (100%)				
Stop action now				
				OK Cancel

Click on $\langle ok \rangle$ and then finally the success message will appear. Then again click on $\langle ok \rangle$ to complete the process.



PROCEDURE: 2

DATABASE BACKUP FOR SQL SERVER FROM COSA SOFTWARE

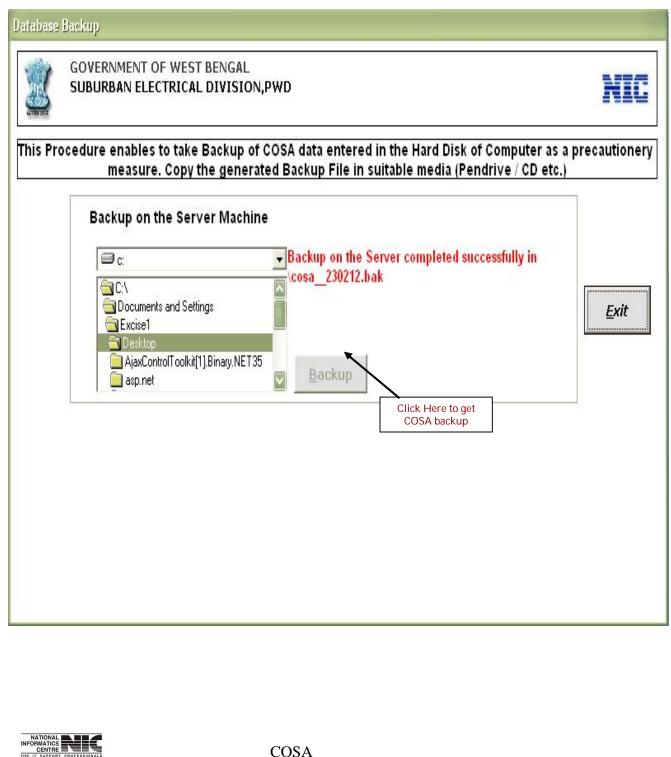
STER DIRECTORY SALARY ECS / EPS etc. QUERY REPORTS Oth.Reports Gr. D GPF	ADMIN HELP EXIT	
Computation of Colour Accounts (COCA)	READ ME SCROLL for Next Month	14
Computerisation of Salary Accounts (COSA)	Update Earning With Zero	17/4
	TO Do TASKs (Month, Bill wise)	
	BACKUP COSA Data (SQLServer Version)	1
	BACKUP COSA Data (Foxbase Version)	
	SEGGREGATE Data	
	MODIFY P.F.Account No.	
	DELETION OF Employee	
	Update GIS In November Update P. Tax Deduction	
	Update Increment Date	
	Recall Employee existed earlier	
	Recall By GPF Acc.No.	
	Apply New DA Rate	
	Apply STATE-HRA Rate	
	Apply GOI-HRA Rate	
	Apply New DP and DA	
	For Medical Officers	
	Generate Bill-Softcopy for Treasury	
Velcome Administrator : nic*cosa	Generate Employee Full Data-Softcopy for Treasury	



COSA

Page 58 of 277

Specify the path of COSA. After that Click the <BACKUP> button to take database Backup. After successful back up completion it will give a message as shown in figure in red color.



National Informatics Centre

COSA

Page 59 of 277

COSA INSTALLATION

1. Double click on COSA setup.exe, and then the following screen will appear.

Install		
	Copying Files, please stand by. Processing asycfilt.dll (3 of 7)	

2. Wait for few seconds, if it gives the message like shown in the following screen then click on <OK> and your machine will restart automatically. Again start from the beginning.

Λ	Setup cannot continue because some system files are out of date on your system. Click OK if you would like setup update these files for you now. You will need to restart Windows before you can run setup again. Click cancel to a
-	setup without updating system files.
	OK Cancel



3. Then the following screen will occurred. Then click on <OK> to begin.

COSA 2.1.1: A E	-Gov. initiative by NIC Setup
	Scosa 2.1.1: A E-Gov. initiative by NIC Setup
	Welcome to the COSA 2.1.1: A E-Gov. initiative by NIC installation program. Setup cannot install system files or update shared files if they are in use. Before proceeding, we recommend that you close any applications you may be running.
	OK Exit Setup Click Here

4. After clicking on <ok> then the following screen will appear. Then click on the icon as shown below.



COSA

Page 61 of 277

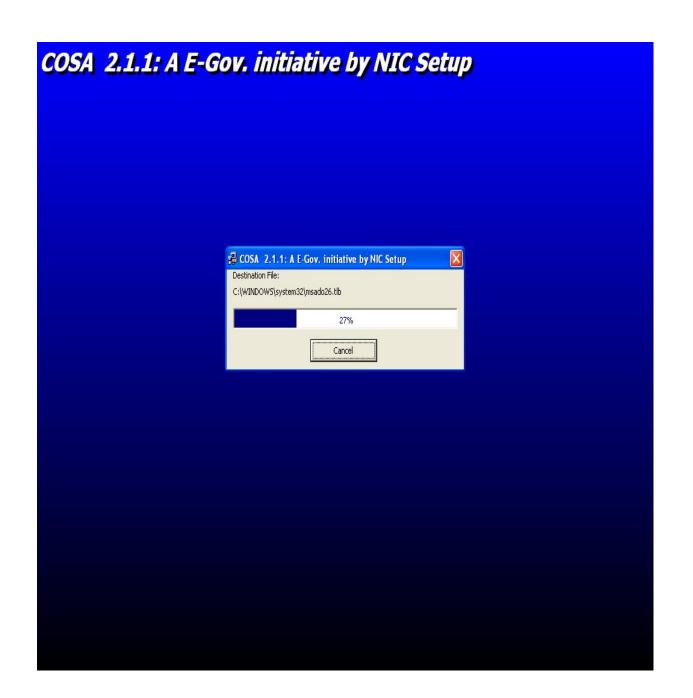
	B COSA 2.1.1: A E-Gov. initiative by NIC Setup	
Click Here	Click this button to install COSA 2.1.1: A the specified destination directory.	A E-Gov, initiative by NIC software to
	C:\Program Files\COSA\	<u>⊆</u> hange Directory
	Exit Setup	

5. Then the installation will start and you will see the progress bar as shown in the following screen.



COSA

Page 62 of 277



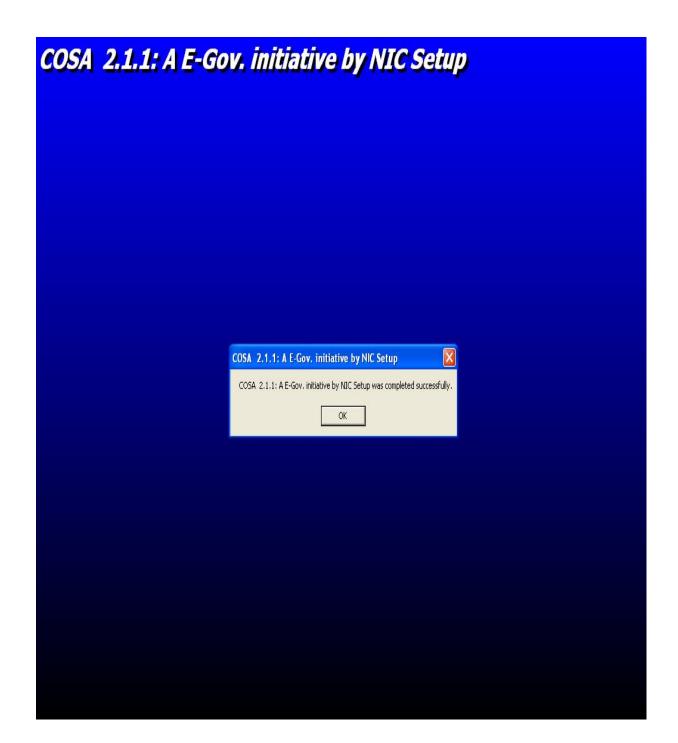
6. After the progress bar completed its 100% then the below screen will appear, and then click on <OK> to complete the COSA installation.



National Informatics Centre

COSA

Page 63 of 277





COSA

Page 64 of 277

PROBLEM IN INSTALLATION OF COSA IN WINDOWS XP SERVICE PACK3(SP3) OPERATING SYSTEM

When installing COSA in Windows XP SP3 some times the restart process occurs again and again. In this case, COSA does not install properly in that machine. If such case arises then do the following steps:

 Open the folder COSA Setup. Then go to the folder COSA_Setup_Files. Open the sub folder Support. Copy only the <u>.OCX</u> files from the folder Support.

2.Paste these .OCX file to the folder System32.The path of this folder is (C:\WINDOWS\system32)



e Edit View Favorites Too	ls Help					
🕽 Back 🔹 🕥 - 🏂 🔎	Search 😥 Fold	lers				
dress 🛅 C:\WINDOWS\system32						
System Tasks						0
Hide the contents of this folder	3com_dmi	1025	1028	1031	1033	1037
Add or remove programs	2	0	0	0	0	P
Search for files or folders	1042	1054	2052	3076	Cache	CatRoo
File and Folder Tasks 🙁		D	D		D	D
💋 Make a new folder	CatRoot_bak	Com	config	dhcp	DirectX	drivers
Publish this folder to						
Share this folder		0	\square	0	\square	0
	en-us	export	ias	ics×ml	IME	inetsrv
Other Places						
C WINDOWS	0	0	0	0	0	P
My Documents	Logfiles	Macromed	Microsoft	MsDtc	mui	npp
🛅 Shared Documents						
My Computer	2	P	27	0	2	P
🧐 My Network Places	oobe	PreInstall	ras	Restore	Setup	ShellEx

3. Create a Folder Named **COSA** inside **PROGRAM FILES**. After that copy the **cosa.exe** file from Support folder and paste in COSA folder within Program Files(**C:\Program Files\COSA**).Right Click on **COSA.EXE** and then Select **Send to Desktop** to create a shortcut. Now run the shortcut cosa.exe to run COSA.



COSA

Page 66 of 277

COSA 📃	
File Edit View Favorites Tools Help	-
🚱 Back 🔹 🕥 - 🏂 🔎 Search 🎼 Folders 🔟 -	
Address 🛅 C:\Program Files\COSA	€ Go
File and Folder Tasks Make a new folder Nic, Writers' Buildings Unit Nic, Writers' Buildings Unit	
Other Places Program Files My Documents Shared Documents My Computer My Network Places	
Details	
COSA File Folder Date Modified: Today, February 23, 2012, 6:03 PM	



COSA

Page 67 of 277

DATA TRANSFER FROM FOXPRO TO SQL SERVER

Please follow the steps to transfer data from FoxPro to SQL.

1. At first create a folder named 'cosa' in 'C' drive and copy all the .dbf

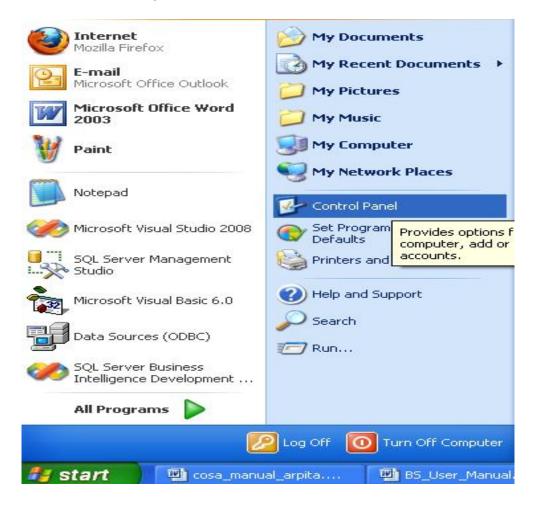
files into the folder.

2. Then you have to create a FoxPro DSN named "foxpay".

To create FoxPro DSN follow the following steps:

a) Click on Start button and then select control panel as shown

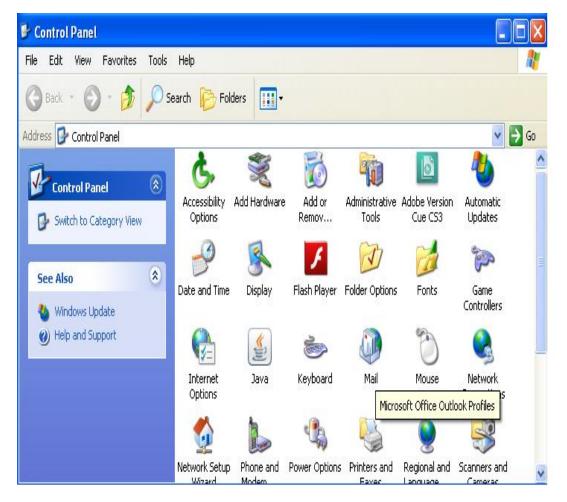
in the following screen.





COSA

Page 68 of 277

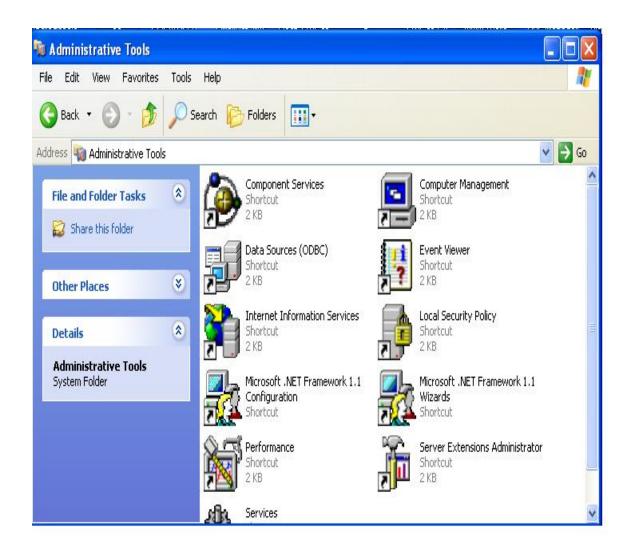




COSA

Page 69 of 277

c) Select Data Sources(ODBC).





COSA

Page 70 of 277

d) Clicking on Data Source then the following screen will appear.

Then select <User DSN> and click on <ADD> button.

lame	Driver	Add
BASE Files xcel Files	Microsoft dBase Driver (*.dbf) Microsoft Excel Driver (*.xls)	Remove
IS Access Databa au	ase Microsoft Access Driver (*.mdb) Microsoft Visual FoxPro Driver (*.dbf)	Caufarina
ay ayfox	Microsoft Visual FoxPro Driver (.dbi) Microsoft Visual FoxPro Driver	Configure
aysql isual FoxPro Data	SQL Server base Microsoft Visual FoxPro Driver	
isual FoxPro Tabl		
	CUser data source stores information about how ated data provider. A User data source is only v	



e) Select Microsoft FoxPro VFP Driver (*.dbf) from your Data Source.Then click on <Finish>.

	Microsoft dBase VFP Driver (*.dbf)	6
	Microsoft dBase-Treiber (*.dbf) Microsoft Excel Driver (*.xls)	4
	Microsoft Excel Treiber (*.xls)	4
	Microsoft FoxPro Driver (*.dbf)	4 =
	Microsoft FoxPro VFP Driver (*.dbf)	6
E Provin.	Microsoft ODBC for Oracle	2
	Microsoft Paradox Driver (*.db.)	4
	Microsoft Paradox-Treiber (*.db.)	4 🤝
	Microsoft Tout Driver (* hut: * equil	1



COSA

Page 72 of 277

f) Give the data source name "foxpay", click on the check box of
 Free Table Directory and then select the path of (.dbf) files by
 clicking on the <Browse> button and then click on <OK>.

ODBC Visual FoxP	ro Setup	
Data Source Name:	foxpay	ОК
Description:	ds	Cancel
_ Database type	1	Help
C Visual FoxPro	database (.DBC)	
Path:		
c:\cosa	Browse	Options>>

g) Then click on <OK> button to complete DSN creation.

ser Data Sources:	1.5.5.5.5.	
Name	Driver	Add
vill IBASE Files Excel Files	SQL Server Microsoft dBase Driver (*.dbf) Microsoft Excel Driver (*.xls)	Remove
охрау	Microsoft Visual FoxPro Driver	Configure.
15 Access Database	Microsoft Access Driver (*.mdb)	
ay /isual FoxPro Database	SQL Server Microsoft Visual FoxPro Driver	
isual FoxPro Tables	Microsoft Visual FoxPro Driver	
	er data source stores information about how data provider. A User data source is only	
and can only I	be used on the current machine.	



COSA

Page 73 of 277

h) If you did not get the "Microsoft FoxPro VFP driver" in create new Data Source then simply download from the following link:

http://www.microsoft.com/download/en/details.aspx?id=14839

🕙 Download	l Details - Microsoft Download Center - Microsoft OLE DB P	rovider for Visual FoxPro 9.0 - M	ozilla Firefox 📃 🗖 🔀
	'jew Hi <u>s</u> tory <u>B</u> ookmarks <u>T</u> ools <u>H</u> elp		
Download [Details - Microsoft Download Cent +		*
(+)	http://www.microsoft.com/download/en/details.aspx?id=14839	- d • d 🔧	▼ Google 👂 🏫
			<u>^</u>
tion	Quick details		
	Version:1.2Language:English	Date Published:	5/16/2008
	Files in this download The links in this section correspond to files available for	n this download. Download the files a	nnronriate for you
tore			
	File Name	Size	
Office Hor and Stude	vfpoledb.msm	829 KB	DOWNLOAD
€	VFPOLEDBSetup.msi	1.0 MB	DOWNLOAD
		Click Here to	download
	Overview		
	The Visual FoxPro OLE DB Provider (VfpOleDB.dll) exposes databases and tables from other programming languages by OLE DB System Components as provided by MDAC 2.6	and applications. The Visual FoxPro C	DLE DB Provider is supported
<) > .::



Then install it by clicking on the download exe. After clicking on the exe

the following screen will appear, and then click on <RUN>. It will install successfully.

Open Fi	e - Securit	y Warning	×
Do you	want to run	n this file?	
-	Name:	VFPOLEDBSetup.msi	
18	Publisher:	Microsoft Corporation	
	Туре:	Windows Installer Package	
	From:	C:\Documents and Settings\Prashanta\Desktop\So	•
☑ Alwa		opening this file Click Here)
	potentially ha	irm your computer. Only run software from publishers hat's the risk?	

This will fix the problem. Again start from the beginning by creating

FoxPro DSN.

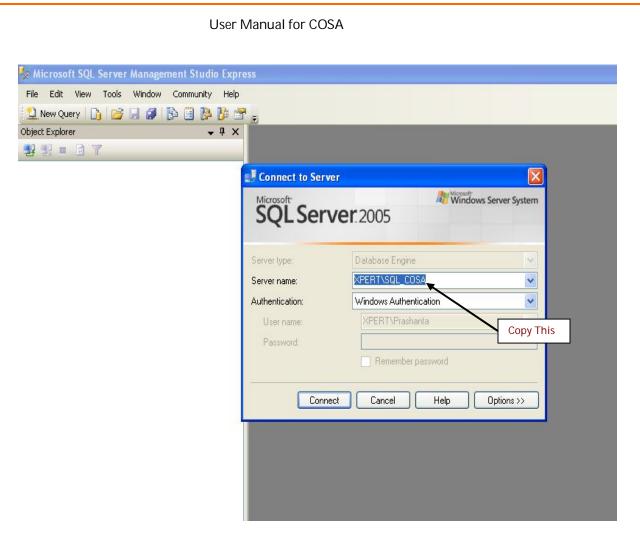


3. Then run 'Data_transfer' exe file.

COSA(Data_transfer)		×
SQL SERVER NAME ::		
	Create Database	
	Create Table	
	Alter	
	Import *.dbf Data1	
	Import *.dbf Data2	
	EXIT	

 Go to start -> SQL Server Management Studio. Then the bellow screen will appear.





- 5. Copy the sql server name as shown above pic and paste in the blank box of the exe.
- 6. Then click on <create database> and then on <create table> to create database and table in sql server.
- 7. After that click on <Alter> button and you will get a message 'table altered'.



COSA

Page 77 of 277

8. Then create a SQL DSN named "pay" as shown.

Please follow the steps to create DSN for the COSA software.

a. Click on <Start> button -> Select <Control Panel>





b. Select Administrative Tools

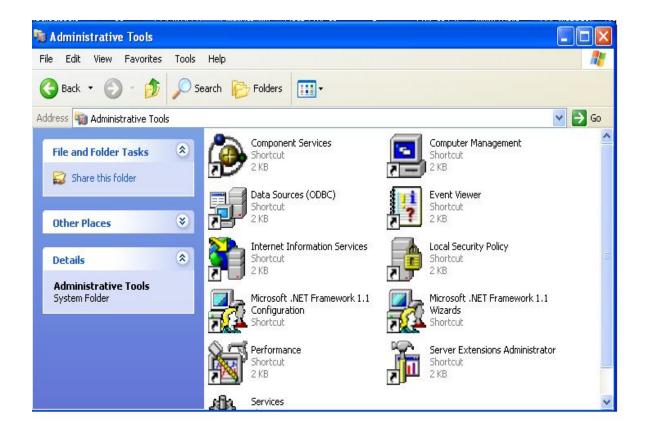
🕑 Control Panel							
File Edit View Favorites Tools	Help						-
🜀 Back + 🕥 + 🏂 🔎	Search 😥 Fold	lers 🛄 -					
Address 🔂 Control Panel						~	→ Go
Control Panel	Ġ,	×	S	P		2	^
Switch to Category View	Accessibility Options	Add Hardware	Add or Remov	Administrative Tools	Adobe Version Cue CS3	Automatic Updates	
See Also	P		۶	D	d	and the	
🌯 Windows Update	Date and Time	Display	Flash Player	Folder Options	Fonts	Game Controllers	
Help and Support			1		C		
	Internet Options	Java	Keyboard	Mail	Mouse	Network Connections	
					١	3	
	Network Setup Wizard	Phone and Modem	Power Options	Printers and Faxes	Regional and Language	Scanners and Cameras	
	B	۲	O,	2	S		
	Scheduled Tasks	Security Center	Sounds and Audio Devices	Speech	System	Taskbar and Start Menu	~



COSA

Page 79 of 277

c. Select Data Sources



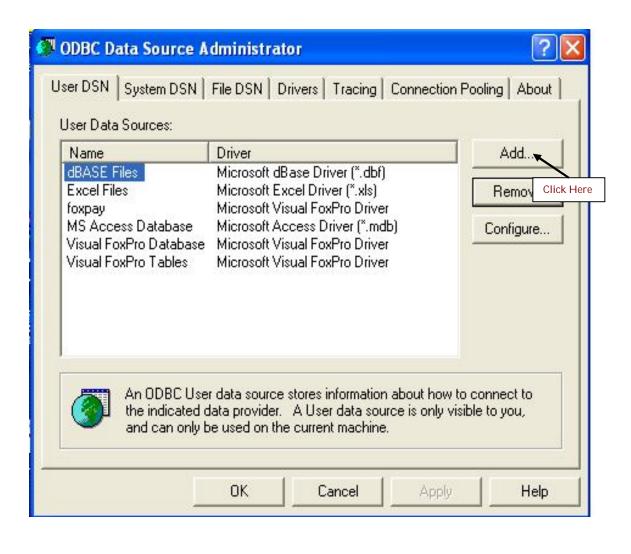


COSA

Page 80 of 277

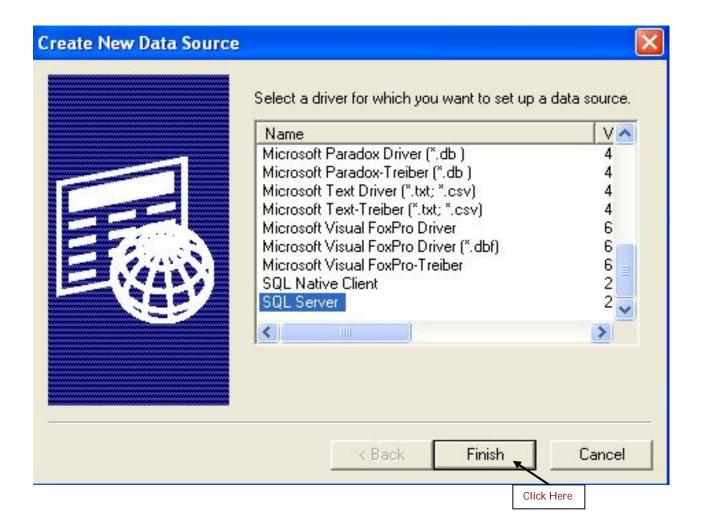
- d. After clicking on Data Sources the following window will be opened.
 - a) Select < User DSN>

Then click on <Add...>





e. Select Sql Server driver for your data source. Click on <Finish>.





COSA

Page 82 of 277

f. Give the data source name "pay" also type or select your sql server name.

Create a New Data So	urce to SQL Server 🛛 🔀
Selaci a diver un preson Access olt dBase out Excel biot Excel bio	This wizard will help you create an ODBC data source that you can use to connect to SQL Server. What name do you want to use to refer to the data source? Name: Pay How do you want to describe the data source? Description: Which SQL Server do you want to connect to? Server: EXC-9\SQL_COSA
	Finish Next > Cancel Help

Click on <Next> .The following screen will appear.



f. Select windows NT Authentication as shown in figure and check "connect to sql server to obtain default setting for the additional configuration options". Then click on <Next>.

Create a New Data So	urce to SQL Server		×
Selact a diver ion Selact a diver ion off Access I off dBase I off Access I off dBase I off DBB off DBB	 With SQL Server authenti entered by the user. 	ne authenticity of the login ID? Intication using the network login ID. Ication using a login ID and password sed to communicate with SQL Server,	
SQL Serve		Client Configuration	
	Connect to SQL Server to ob additional configuration optio		
	Login ID; User		
	Password:		
	< Back Next :	Cancel Help	

The following screen will appear after clicking on <Next>



g. Change default database to COSA and then click on <Next>.

Create a New Data Sou	ILCE	e to SQL Server	X
Selact a diver in	•	Change the default database to:	
The Access		cosa	
	Г	Attach database filename:	
200 A C 15 (2)			
Notosoft Exercised	ঘ	Create temporary stored procedures for prepared SQL statements and drop the stored procedures:	
SQL Serv		Only when you disconnect.	
-Hal-		When you disconnect and as appropriate while you are connected.	
	•	Use ANSI quoted identifiers.	
	V	Use ANSI nulls, paddings and warnings.	
	Г	Use the failover SQL Server if the primary SQL Server is not available.	
		<back next=""> Cancel Help</back>	



h. Click on <Finish>

Create a New Data So	e to SQL Server		X
Selact a divier ion Selact a divier ion Internation Access of olt dBase of soft Excelor Propositi DOBR Soft Second Para Soft Second Para Soft Second Para Soft Second Para Soft Second Para Soft Second Para	English Use strong encryption for Perform translation for ch Use regional settings whittimes. Save long running querie C:\DOCUME~1\User\L Log ODBC driver statistic	aracter data en outputting currency, numb es to the log file: OCALS~1\Temp\QUERY.L ong query time (milliseconds):	ers, dates and Browse
	< Back F	inish Cancel	Help



COSA

Page 86 of 277

i.Click <test Data Source> to be sure that your dsn creation is successful

- 110m	ODBC data so	urce will be cre configuration:	ated with the follo	wing
Data Source Data Source Server: EXC Database: c Language: (I Translate Ch Log Long Ri Log Driver S Use Integrat Use Regiona Prepared Sta disconnect Use Failover Use ANSI Q	e Description: :-9 :osa Default) haracter Data: Y unning Queries: itatistics: No ed Security: Ye al Settings: No atements Option r Server: No uoted Identifiers ull, Paddings an	'es No s : Drop tempora : Yes	ary procedures on	

Click on <OK>

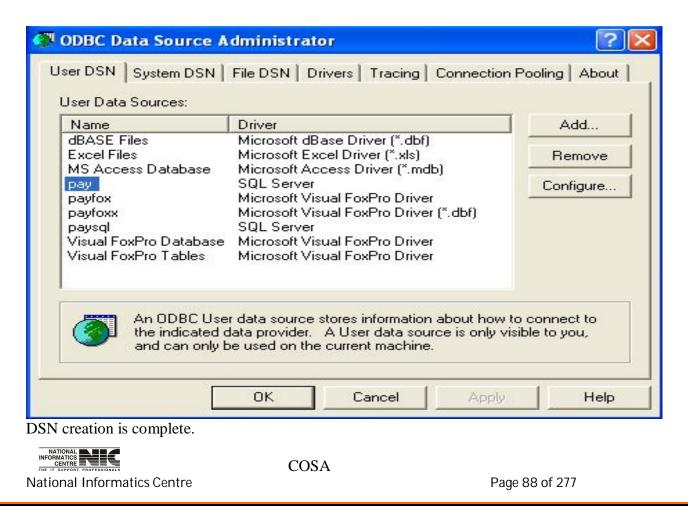


COSA

Page 87 of 277



j. Click on <OK> to complete DSN creation.



- 9. Then click on < Import *.dbf Data1 > and wait until you get a message "Completed". It will take few minutes.
- 10. Then click on < Import *.dbf Data2 > wait until you get a message "Completed". It will take few minutes.
- 11. Then click on <EXIT> to exit the setup.



User Manual for COSA

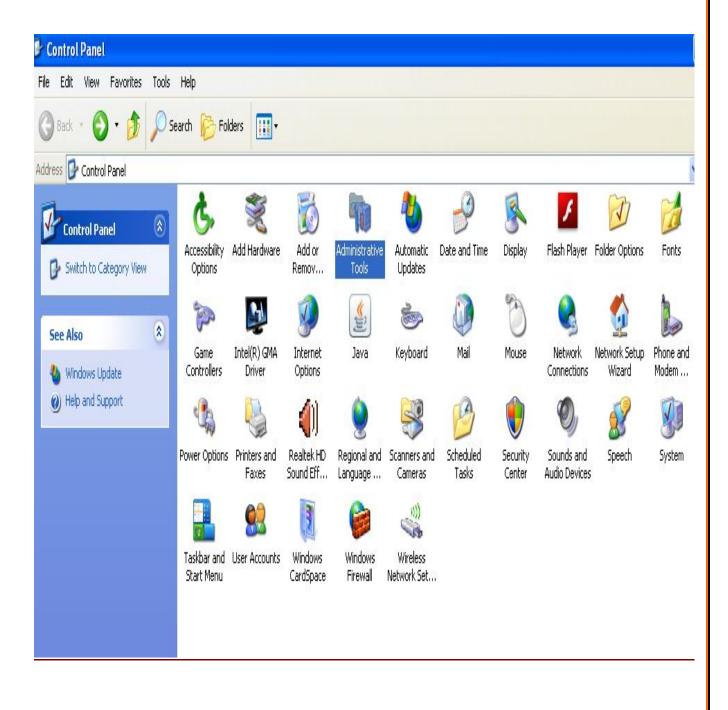
DATA SOURSE NAME CREATION

Please follow the steps to create DSN for the COSA software.

1. Click on <Start> button -> Select <Control Panel>

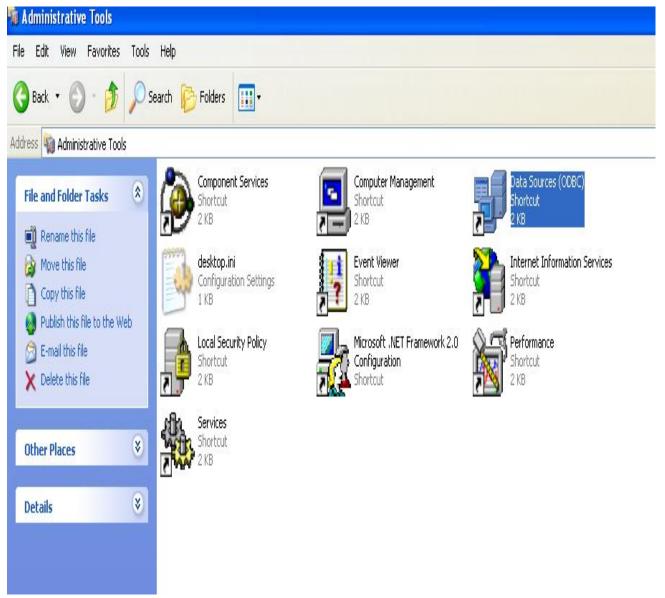


2. Select Administrative Tools





3. Select Data Sources





COSA

Page 92 of 277

3. After clicking on Data Sources the following window will be opened. Select <User DSN>

Then click on <Add...>

ODBC Data Source Ad	Iministrator File DSN Drivers Tracing Connection	Pooling About
User Data Sources: Name dBASE Files Excel Files MS Access Database pay payfox paysql Visual FoxPro Database Visual FoxPro Tables	Driver Microsoft dBase Driver (*.dbf) Microsoft Excel Driver (*.xls) Microsoft Access Driver (*.mdb) Microsoft Visual FoxPro Driver (*.dbf) Microsoft Visual FoxPro Driver SQL Server Microsoft Visual FoxPro Driver Microsoft Visual FoxPro Driver	Add Remove Click Her Configure
the indicated d	data source stores information about how ata provider. A User data source is only v e used on the current machine.	
	OK Cancel Apply	Help



4. Select Sql Server driver for your data source. Click on <Finish>.

	Name	<u> </u>
	Microsoft Paradox Driver (*.db.)	4
	Microsoft Paradox-Treiber (*.db)	4
	Microsoft Text Driver (*.txt; *.csv)	4
	Microsoft Text-Treiber (*.txt; *.csv)	4
	Microsoft Visual FoxPro Driver	6
- Course	Microsoft Visual FoxPro Driver (*.dbf)	Б
- Cant	Microsoft Visual FoxPro-Treiber	6 6 2
	SQL Native Client	2
	JULICIAN	
		>



5. Give the data source name "pay" also type or select your sql server name.

Create a New Data So	urce to SQL Server 🛛 🔀
Selact a divier un Selact a divier un off dB ase off dB ase of	This wizard will help you create an ODBC data source that you can use to connect to SQL Server. What name do you want to use to refer to the data source? Name: pay How do you want to describe the data source? Description: Which SQL Server do you want to connect to? Server: EXC-9\SQL_COSA
	Finish Next > Cancel Help

Click on <Next>. The following screen will appear.



6. Select windows NT Authentication as shown in figure and check "connect to sql server to obtain default setting for the additional configuration options". Then click on <Next>.

Create a New Data So	urce to SQL Server		
Select a divier nor Select a divier nor Toth Access T olt dB ase T olt dB ase T solt Excel T h crosoft ForPri h crosoft Para Microsoft Tex		thentication using the netw entication using a login ID	- vork login ID. and password
SQL Serv		Client Configu	ration
	Connect to SQL Server to additional configuration of Login ID: User	o obtain default settings fo ptions.	r the
	Password:		
		ext > Cancel	Help

The following screen will appear after clicking on <Next>

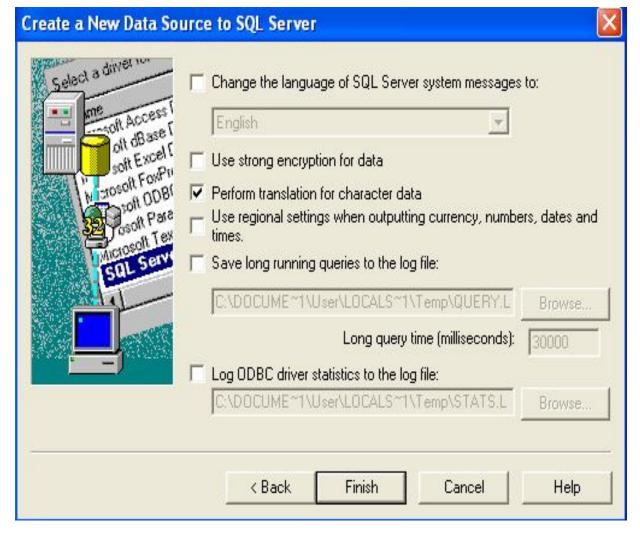


7. Change default database to COSA and then click on <Next>.

Create a New Data Sou	urce	e to SQL Server	X
Selact a diver no.	•	Change the default database to:	
off ob-	Γ	Attach database filename:	
Nerosoft COBR Post Para Alcosoft Tex Still Serve	а 2	Create temporary stored procedures for prepared SQL statements and drop the stored procedures: © Only when you disconnect. © When you disconnect and as appropriate while you are connected.	
	-	Use ANSI quoted identifiers. Use ANSI nulls, paddings and warnings. Use the failover SQL Server if the primary SQL Server is not available.	
		< Back Next > Cancel Help	



8. Click on <Finish>





COSA

Page 98 of 277

9. Click <test Data Source> to be sure that your dsn creation is successful

ODBC Microsoft SQL Server Setup	\mathbf{X}
A new ODBC data source will be created with the following configuration:	
Microsoft SQL Server ODBC Driver Version 03.85.1132 Data Source Name: pay Data Source Description: Server: EXC-9 Database: cosa Language: (Default) Translate Character Data: Yes Log Long Running Queries: No Log Driver Statistics: No Use Integrated Security: Yes Use Regional Settings: No Prepared Statements Option: Drop temporary procedures on disconnect Use Failover Server: No Use ANSI Quoted Identifiers: Yes Use ANSI Quoted Identifiers: Yes Data Encryption: No	
Test Data Source OK Cano	el

Click on <OK>

Microsoft SQL Server UDE Running connectivity tests	8C Driver Version 03.85.1 s	132
Attempting connection Connection established Verifying option settings		
Disconnecting from server TESTS COMPLETED SU		
		~
	ок	

National Informatics Centre

COSA

Page 99 of 277

10. Click on <OK> to complete DSN creation.

Name	Driver	Add
IBASE Files Excel Files AS Access Database	Microsoft dBase Driver (*.dbf) Microsoft Excel Driver (*.xls) Microsoft Access Driver (*.mdb)	Remove
oay bayfox bayfoxx baysql /isual FoxPro Database /isual FoxPro Tables	SQL Server Microsoft Visual FoxPro Driver Microsoft Visual FoxPro Driver (*.dbf) SQL Server Microsoft Visual FoxPro Driver Microsoft Visual FoxPro Driver	Configure.
An ODBC Use	r data source stores information about how	to connect to

DSN creation is complete.



COSA

Page 100 of 277

Chapter - 04: Getting Started

General operating instructions

In form, the **<TAB>** key should be used to move the next control. Delete button should be used with care as pressing / clicking delete button will remove the record and the same record can not be restored again.

HOW TO LOGIN INTO THE SOFTWARE

Invoking Screen: Login Form to enter main menu

Steps to be followed for Login into COSA System are as follows:

- 1. Please Select "DDO Code" from the dropdownlist "DDO".
- 2. Please enter the "User Id".
- 3. Now enter the Current "Password".
- 4. Now click on Login to enter into Main Menu of the system COSA : E-Governance Initiative by Finance Department, Government of West Bengal & NIC



Figure 4.1



5.

COSA

Page 101 of 277

User Manual for COSA

MAIN MENU

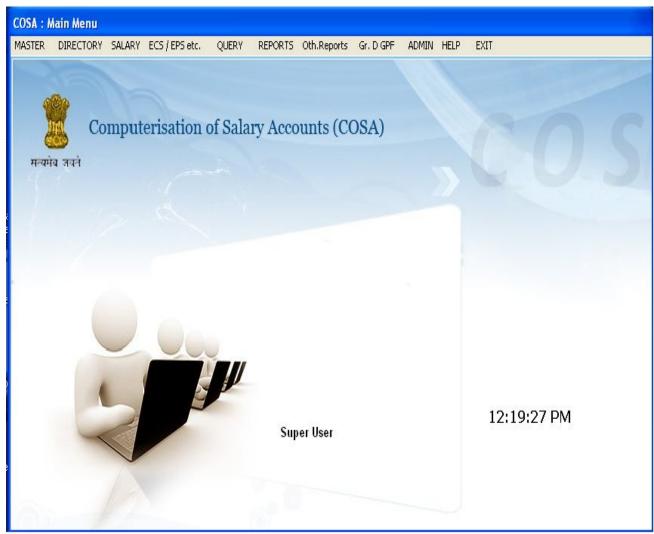


Figure 4.2

This is main menu screen. It consists of Master Data, Salary Data, ECS/EPS, Query, Reports, Oth.Reports, GPF Module & Admin.

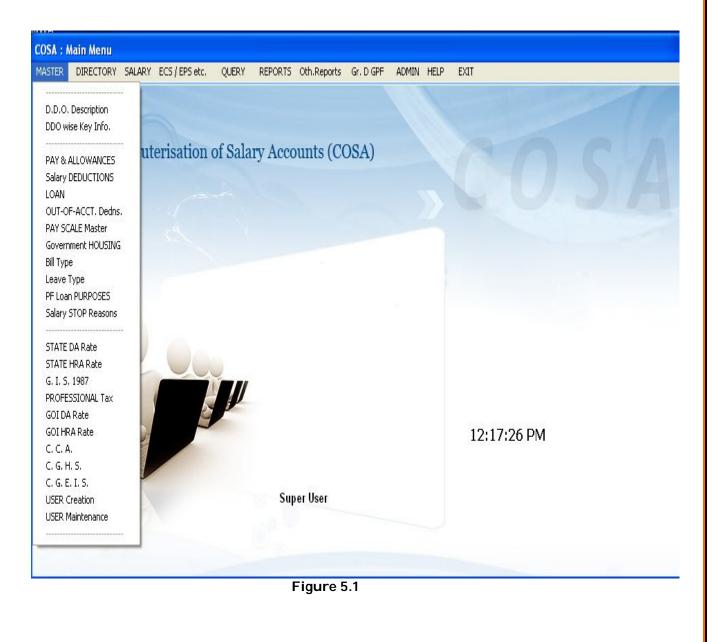


COSA

Page 102 of 277

Chapter – 05: Master data

MAIN MENU: MASTER DATA





COSA

Page 103 of 277

MASTER DATA: DDO DESCRIPTION

To be used in: Finance Department, Government of West Bengal This form DDO Description is meant for entering the DDO Code & DDO Designation.

COSA : DDO Description Government o Directory Data	f West Bengal abase : DDO wise Ba	sic Information f	or COSA		NIC
D.D.O. Code CAC-PWE-013	D.D.O. Designati EXECUTIVE ENG				
22/02/2012	ADD	<u>§</u> AVE Figure 5.	<u>E</u> XIT	HELP	12:24:31

Click on **<ADD**> button. Then enter the DDO Code and press **<Enter**> Key. Then enter the DDO Designation followed by **<Enter**> Key. Click on **<Save**>.



COSA

MASTER DATA: DDO WISE BASIC INFORMATION

To be used in: Finance Department, Government of West Bengal This form <DDO wise Key Info.> is meant for entering DDO wise Basic Information .

COSA : DI	DO wise Basic Information	l.		
Ż	Government of West Directory Database :	Bengal DDO wise Basic Information	n for COSA	NIC
-		To Enter Basic Information, Cli	ck on the related DDO Co	de.
		O. Designation CUTIVE ENGINEER-I		
		Click Llars		
		Click Here		
22	2/02/2012	EXIT	HELP	12:27:46

Figure 5.3

Click on the DDO Code to get the following Screen.



COSA

Page 105 of 277

User Manual for COSA

Government of W Urban Developme Installation : Com	nt Departm	ent I Of Salary Accounts			NIC
Government Name	GOVERNME	ENT OF WEST BENGAL			
Password	nic12345	(8 Characters)	Backen	d Database	SqlServer 🚦
Super User Id.	*****	(8 Characters)	Re-enter	Password	******
DDO Code	CAB/AGA/00	01			
DDO Designation	ASSISTANT	SECRETARY, AGRICULTUR	E DEPTT.]	
Name of the Office	AGRICULTU	IER DEPTT., Writers Building	s.	Name and D Governor of W	esignation of Employer est Bengal
Office Address	Writers Buil	dings, Kolkata-1		Raj Bhavan, K	
	Station Concerning Concerning				cle with Address Central Circle
Class of City w.r.t. HRA	1			Bamboo Villa	, Kolkata
Income Tax Ward	19(1)			CALA14315A	TAN No.
Installation Date			<u>s</u> ave	<u>C</u> ANCEL	<u>E</u> XIT

Figure 5.4

After clicking on the DDO Code this screen will occurred. Here we see details of the code. We can change user id and password in this page. After changing as per your requirements then click on **SAVE** > button to save changes.



COSA

Page 106 of 277

MASTER DATA: PAY & ALLOWENCES TYPE

To be used in: Finance Department, Government of West Bengal

Pay Description	Pay Code	SubDetail	Abbr.	Order	Col.No. 🖴
Basic Pay	01	01	BP	1	3
Dearness Pay	07	01	DP	2	3
Grade Pay	26	01	GrP	2	3
DA on TA	27	01	DTA	2	3
Fransport Allowance	28	01	TPA	2	3
Dearness Allowance	13	02	DA	3	3
House Rent Allowance	14	03	HRA	4	3
Festival Recovery (-)	02	01	FRC	5	4
Medical Allowance	16	12	MA	6	3
Ovrdrawal Pay (-)	03	01	OVR	7	4
•	N 4	64	۸D	o	1 ×

Figure 5.5

This gives information of pay description, pay code, sub detail, Abbr., Order, Col.No.We can add new pay & allowances type information by clicking **<ADD**> button & then enter the new data then Click **<SAVE**> to save the data into directory database.



For any help required for this purpose Click <Help> and the following screen will occur.

Pay Description		Pay Code	SubDetail	Abbr.	Order	Col.No.	
Basic Pay		01	01	BP	1	3	
Dearness Pay		07	01	DP	2	3	
		, Enter Description and Pres			-	-	
4. These Abbreviations a Non-Prac.Allow.(NP), Hill 5. Col. No. for Earnings r	Compensatory Allowand nay range from 3 To 5. 1	3P), Dearness Allow.(DA), Ho ce (HCA) Fhis col.no. indicates the coli	use Rent Allow.(Hf umn in the inner sha	A), Dearness F et of pay bill. M	aximum no. o	f items per	
 These Abbreviations a Non-Prac.Allow.(NP), Hill Col. No. for Earnings r column is 5. So, judicious 	are FIXED : Basic Pay (B Compensatory Allowanc nay range from 3 To 5. 1 ly enter values of colum	3P), Deamess Allow.(DA), Ho ce (HCA)	use Rent Allow.(Hf umn in the inner sha	A), Dearness F et of pay bill. M	aximum no. o	f items per	
4. These Abbreviations a Non-Prac.Allow.(NP), Hill 5. Col. No. for Earnings r	are FIXED : Basic Pay (B Compensatory Allowanc nay range from 3 To 5. 1 ly enter values of colum r	3P), Dearness Allow.(DA), Ho ce (HCA) Fhis col.no. indicates the coli	use Rent Allow.(Hf umn in the inner sha	A), Dearness F et of pay bill. M	aximum no. o		
 These Abbreviations a Non-Prac.Allow.(NP), Hill Col. No. for Earnings r column is 5. So, judicious 	are FIXED : Basic Pay (B Compensatory Allowanc nay range from 3 To 5. 1 ly enter values of colum r	3P), Dearness Allow.(DA), Ho ce (HCA) This col.no. indicates the col n no. Otherwise, some earnir	use Rent Allow.(Hf umn in the inner sho ngs itmes may not b	RA), Dearness F eet of pay bill. M e visible in inne	aximum no. o rsheet.	CLOSE	СП
 These Abbreviations a Non-Prac.Allow.(NP), Hill Col. No. for Earnings r column is 5. So, judicious 	are FIXED : Basic Pay (B Compensatory Allowanc nay range from 3 To 5. 1 ly enter values of colum r	3P), Dearness Allow.(DA), Ho ce (HCA) This col.no. indicates the col n no. Otherwise, some earnir	use Rent Allow.(Hf umn in the inner sho ngs itmes may not b	RA), Dearness F eet of pay bill. M e visible in inne	aximum no. o rsheet.	CLOSE	CI
 These Abbreviations a Non-Prac.Allow.(NP), Hill Col. No. for Earnings r column is 5. So, judicious 	are FIXED : Basic Pay (B Compensatory Allowanc nay range from 3 To 5. 1 ly enter values of colum r	3P), Dearness Allow.(DA), Ho ce (HCA) This col.no. indicates the col n no. Otherwise, some earnir	use Rent Allow.(Hf umn in the inner sho ngs itmes may not b	RA), Dearness F eet of pay bill. M e visible in inne	aximum no. o sheet.	CLOSE	



COSA

MASTER DATA: NORMAL DEDUCTION TYPE

To be used in: Finance Department, Government of West Bengal

Deduction Type



GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISION,PWD Directory Database : Normal Deduction Type

Deduction Description	Code	Ded.Type	Major	S.Maj	Minor	Scheme	Detail	S.Detl	Abbr.	Order	Col.No.
State GIS Insurance 1983	01	PAO	8011	00	107	001	19	00	183	99	7
State GIS Savings 1983	02	PAO	8011	00	107	002	19	00	S83	99	7
State GIS Insurance 1987	03	PAO	8011	00	107	004	19	00	187	99	7
State GIS Savings 1987	04	PAO	8011	00	107	005	19	00	S87	99	7
Professional tax	05	PAO	0028	00	107	001	03	00	PTX	99	8
Income Tax	06	PAO	8658	00	112	001	20	00	ITX	99	7
Postal Life Insurance	07	PAO	8658	00	102	024	08	00	PLI	99	8
All India Service GIS 1987	08	PAO	8658	00	123	001	08	00	CGI	99	8
Office Buildings	09	PAO	0059	01	011	001	05	00	R01	99	8
General Pool Accomodation	10	PAO	0216	01	106	001	05	00	R02	99	8
Government Housing Scheme	11	PAO	0216	02	101	001	05	00	R03	99	8
Subsidised Industrial Housing Scheme	12	PAO	0216	02	102	001	05	00	R04	99	8
Kalyani Housing Scheme	13	PAO	0216	02	103	001	05	00	R05	99	8
Middle Income Group Housing Scheme	14	PAO	0216	02	104	001	05	00	R06	99	8
Rental Housina Scheme	15	PAO	0216	02	105	001	05	00	R07	99	8
22/02/2012 ADD		<u>s</u> ave		ĒX	IT		HELP			12	:38:38

Figure 5.7

This is Directory database for Normal Deduction Type. This gives details description of salary deduction. Here also you can add new deduction type information by Clicking **<ADD**>, then enter information and Click **<SAVE**> to save the new entry.



For any help required for entering new data in Normal Deduction Type page Then Click <**HELP**> and the following screen will occur.

107 001 19 00 107 002 19 00 107 004 19 00 107 005 19 00 107 005 19 00 107 001 03 00 102 001 20 00 Key; Same for SDtl.Head.Then Then Then	S83 99 I87 99 S87 99 PTX 99 ITX 99	7 7 7 7 8 7
107 004 19 00 107 005 19 00 107 001 03 00 102 001 20 00	I87 99 S87 99 PTX 99 ITX 99	7 7 8
107 005 19 00 107 001 03 00 102 001 20 00	S87 99 PTX 99 ITX 99	7
107 001 03 00 112 001 20 00) PTX 99) ITX 99	8
12 001 20 00	ITX 99	959
	1010	7
Key; Same for SDtl.Head.Then	2010 2 1	858
viz. R01,R16 etc. ey	<u>C</u> LOSE	8 8 8 8
04 001 05 00	R06 99	8
05 001 05 00	R07 99	8
ey 10-	4 001 05 00	<u>CLOSE</u> 4 001 05 00 R06 99



MASTER DATA: LOAN RECOVERY TYPE

To be used in: Finance Department, Government of West Bengal

GOVERNMENT OF A SUBURBAN ELECTE Directory Database	RICAL D	VISION,									NI
Loan Description	Code	Rec.At	Major	SMajor	Minor	Scheme	Detail	SDetail	Abbr.	Order	Col.No.
House Building Loan-l	01	BAG	7610	00	201	001	26	00	HBA1	99	9
House Building Loan-II	02	BAG	7610	00	201	001	26	00	HBA2	99	9
House Building Loan-III	03	BAG	7610	00	201	001	26	00	HBA3	99	9
House Building Loan-IV	04	BAG	7610	00	201	001	26	00	HBA4	99	9
House Building Loan-V	05	BAG	7610	00	201	001	26	00	HBA5	99	9
House Building Loan-VI	06	BAG	7610	00	201	001	26	00	HBA6	99	9
Motor Con. Advance	07	BAG	7610	00	202	001	26	00	MCA	99	9
Other Conveyance Advance	09	BAG	7610	00	203	001	26	00	OCA	99	9
Marriage/IIIness Advance	10	BAG	7610	00	800	001	26	00	MIA	99	9
Other Advance	11	BAG	7610	00	800	002	26	00	OTHA	99	9
Computer Advance	12	BAG	7610	00	800	003	26	00	COMA	99	9
Interest on H.B. Loan - 1	13	BAG	0049	04	800	017	07	00	IHB1	99	9
Int on Motor Con.Advance	14	BAG	0049	04	800	018	07	00	IMC	99	9
Interest on M.I.Advance	15	BAG	0049	04	800	021	07	00	IMI	99	9
Inton Other Con.Advance	16	BAG	0049	04	800	019	07	00	IOC	99	9
Interest on H.B. Loan - 2	17	BAG	0049	04	800	017	07	00	IHB2	99	9

Figure 5.9

This is Directory Database Screen for Loan Recovery Type. This gives detail information for Loan Recovery Type. Here also you can add new record same way as before. You also can edit data by clicking the content of table, then edit & click <**SAVE**> to save the changes.



National Informatics Centre

Page 111 of 277

MASTER DATA: OUT OF ACCOUNT DEDUCTION

To be used in: Finance Department, Government of West Bengal

Deduction Description	Ded.Code	Abb.	Order	Cheque In Favour of	
Recurring Deposit Co-operative	01	RD COP	2	PWD(EL)WORKERSCOPCRSOLTD	
Life Insurance Corpn	03	LIC	3		
Hbl(state Bank Of India)	04	SBI	4		
U B I(united Bank Of India)	05	UBI	5		
Hbl- I I (state Bank Of India)	06	SBI	6		

Figure 5.10

This is Out of Account Deduction form. Here also you can add new record same way as before. You also can edit data by clicking the content of table, then edit & click <**SAVE**> to save the changes.



COSA

Page 112 of 277

MASTER DATA: PAY SCALE STRUCTURE

To be used in: Finance Department, Government of West Bengal

	Government of West Urban Development Directory Database :	Department	cture				NIC
S	ervice Type S						
R	OPA Opt 2009						
Code	PayScale	Pay BandNo	Pay BandFrom	Pay BandTo	Grade Pay	TA	MA
23	37400-60000		37400	60000	8700	0	0
24	37400-60000		37400	60000	8900	0	0
25	37400-60000		37400	60000	1 <mark>0</mark> 000	0	0
26	37400-60000		37400	60000	10000	0	0
27	37400-60000		37400	60000	10000	0	0
28	9000-40500		9000	40500	7000	0	0
29	37400-60000		37400	60000	9500	0	0
30	9000-40500		9000	40500	8000	0	0
31	5400-25200		5400	25200	2680	0	0
32	7100-37600		7100	37600	3950	0	0
33	7100-37600		7100	37600	4220	0	0
34	9000-40500		9000	40500	4580	0	0
35	9000-40500		9000	40500	4780	0	0
36	9000-40500		9000	40500	5040	0	0
27	0000 40500		annn	40500	60.40	n	0
		11	i.	4	Y		

Figure 5.11

This form gives information about pay Scale structure. Here you can see old scale & new scale of pay structure. You can add new record by clicking <**ADD**> and you also edit scales by clicking value in the table then Click <**SAVE**> changes.



National Informatics Centre

MASTER DATA: GOVERNMENT QUATERS

To be used in: Finance Department, Government of West Bengal

01		SubMajor				
	20000	A DESCRIPTION OF A DESC	Minor	Scheme	Detail	SubDet
1.000	0059	01	011	001	05	00
02	0216	01	106	001	05	00
03	0216	02	101	001	05	00
04	0216	02	102	001	05	00
05	0216	02	103	001	05	00
06	0216	02	104	001	05	00
07	0216	02	105	001	05	00
08	0216	02	106	001	05	00
09	0216	02	107	001	05	00
10	0216	02	108	001	05	00
11	0216	02	109	001	05	00
12	0216	02	110	001	05	00
13	0216	02	111	001	05	00
14	0217	03	800	002	05	00
15	0059	01	011	001	05	00
	04 05 06 07 08 09 10 11 12 13 14	04 0216 05 0216 06 0216 07 0216 08 0216 09 0216 10 0216 11 0216 12 0216 13 0216 14 0217	04 0216 02 05 0216 02 06 0216 02 07 0216 02 08 0216 02 09 0216 02 10 0216 02 11 0216 02 12 0216 02 13 0216 02 14 0217 03	04 0216 02 102 05 0216 02 103 06 0216 02 104 07 0216 02 105 08 0216 02 105 09 0216 02 106 10 0216 02 107 10 0216 02 108 11 0216 02 109 12 0216 02 110 13 0216 02 111 14 0217 03 800	04 0216 02 102 001 05 0216 02 103 001 06 0216 02 104 001 07 0216 02 105 001 08 0216 02 106 001 09 0216 02 107 001 10 0216 02 108 001 11 0216 02 109 001 12 0216 02 110 001 13 0216 02 111 001 14 0217 03 800 002	04 0216 02 102 001 05 05 0216 02 103 001 05 06 0216 02 104 001 05 07 0216 02 105 001 05 08 0216 02 105 001 05 08 0216 02 106 001 05 09 0216 02 107 001 05 10 0216 02 108 001 05 11 0216 02 109 001 05 12 0216 02 110 001 05 13 0216 02 111 001 05 14 0217 03 800 002 05

Figure 5.12

This form gives information about Government Quarters. Here also you can add new data & edit existing data as before.



National Informatics Centre

MASTER DATA: BILL TYPE

To be used in: Finance Department, Government of West Bengal This form shows the bill type and its description.

		ICAL DIVISION,PWD : Bill Type			NI
		<i>x</i>			
	Code	Bill Description			
	01	Normal Pay Bill			
	02	Supple Pay Bill			
2/02/2012		ADD	SAVE	FXIT	12.53.56
22/02/2012		ADD	SAVE	EXIT	12:53:56
22/02/2012				EXIT	12:53:56
2/02/2012		ADD		EXIT	12:53:56
22/02/2012				EXIT	12:53:56

MASTER DATA: PF LOAN PURPOSE

To be used in: Finance Department, Government of West Bengal

NA.	LECTRICAL DIVISION,PWD tabase : PF Loan Purpose	
Purpose C	ode P.F. Loan Purpose Description	
01	Treatment of Illness of Self/Dependent	
02	Overseas Passage Money for Education/Treatment	
03	Expenses for Marriage/Funerals/Other Ceremonies	
04	House Building/Rennovation	
05	Purchasing House/land	
06	Others	
	r New Data, Click on < Add>, Enter data and Press <enter> Key, Then</enter>	Click on Pours

Figure 5.14

This form provides information about PF Ioan Purpose Code & Description. To enter new data Click **<ADD>**, then enter data, and Press **<Enter>** key. Then Click **<SAVE>** to save the data.



National Informatics Centre

MASTER DATA: SALARY STOP REASON

To be used in: Finance Department, Government of West Bengal

Salary Stop			
ા 🔣 🚺	JBURBAN EL	OF WEST BENGAL ECTRICAL DIVISION,PWD abase : Salary Stop Reason	NIC
	Code	Salary Stop Reason	
	02	Normal Retirement	
	03	Premature Retirement due to ill health	
	05	Death	
	06	Sack due to Disciplinary Action	
	07	Under Suspension	
	08	Leave without Pay	
	09	Resignation	
	10	Transferred To Comp.ii	
	11	Leave Not Sanctioned	
	12	Transfer On Promotion	
	13		
22/02/2	2012	ADD SAVE EXIT	2:59:54

Figure 5.15

This form provides the information about the reason to stop salary. To enter new data Click **<ADD**>, then enter data, and Press **<Enter**> key then Click **<SAVE**> to save the data.



COSA

Page 117 of 277

MASTER DATA: DA RATE FOR GOVERNMENT SERVICES

To be used in: Finance Department, Government of West Bengal

Directory Da	atabase : D	A Rate for St		(i)				
	SI No.	DA Rate(%)	Effect Date	Max. Amt.	To PF(%)	ROPA	-	
	1	41	01/07/2001	90000	0	1998	_	
	2	45	01/07/2003	90000	0	1998		
	3	49	01/07/2004	90000	0	1998		
	4	52	01/04/2005	90000	0	1998		
	5	55	01/09/2005	90000	0	1998		
	6	59	01/12/2005	90000	0	1998		
	7	61	01/03/2006	90000	0	1998		
	8	64	01/07/2006	90000	0	1998		
	9	67	01/09/2006	90000	0	1998	Ŧ	
			New Data, Click ss <enter> Kev,</enter>					

Figure 5.16

To Enter new data, Click on <**ADD**>, enter Data and Press <**Enter**> Key, then Click <**SAVE**> to save the change. You also can edit information by clicking the table column.



COSA

Page 118 of 277

MASTER DATA: DA RATE FOR ALL INDIA SERVICES

To be used in: Finance Department, Government of West Bengal

Contract of the second s	VERNMENT OF WEST BI BURBAN ELECTRICAL D		WD				1.11
COMPANY AND A STREET OF A STRE	ectory Database : DA R						1141
	SI No.	Da Rate(%	6) Effect Date	Max. Amt.	Ropa	F	
	1	47	02/10/1999	10000	0		
	2	49	01/01/2002	10000	0		
	3	52	01/07/2002	90000	0		
	4	55	01/01/2003	90000	0		
	5	59	01/07/2003	90000	0		
	6	61	01/01/2004	90000	0	-	
	t				F	È	
	To E	nter New Da	ta, Click on < Add>,	Enter data an	d Press		
			er> Key, Then Click				

Figure 5.17

To Enter new data, Click on **ADD**>, enter Data and Press **Enter**> Key, then Click **SAVE**> to save the change. You also can edit information by clicking the table column.



MASTER DATA: HRA RATE FOR STATE GOVERNMENT SERVICES

To be used in: Finance Department, Government of West Bengal

SUBURBAN		AL DIVISION,	PWD State Govt. Ser	vices		NI
	SI No. I	HRA Rate(%)	Effect Date	Max. Amt.	ROPA	
	1	10	25/05/1996	2000	1998	
	2	15	01/05/1999	2000	1998	
	3	15	01/04/2009	6000	2009	
	Т		a, Click on < Ad er> Key, Then Cli		and	

Figure 5.18

To Enter new data, Click on **<ADD**>, enter Data and Press **<Enter**> Key in keyboard, then Click **<SAVE**> to save the change. You also can edit information by clicking the table column.



COSA

Page 120 of 277

MASTER DATA: HRA RATE FOR ALL INDIA SERVICES

To be used in: Finance Department, Government of West Bengal

SUBURI	BAN ELECTR	YEST BENGAL ICAL DIVISIC : HRA Rate fi	N,PWD	a Services				NI
SI No.	Effect Date 12/01/1998	City-l Rate(%) 30	Max.Amt. 20000	City-II Rate(%) 15	Max.Amt. 2000	City-III Rate(%) 7.5	Max.Amt. 20000	ROPA 2008
Γ	To Enter Nev	v Data, Click oi	n < Add>, E	Enter data and P	ress <ente< td=""><td>r> Key, Then Clic</td><td>:k on <save< td=""><td>></td></save<></td></ente<>	r> Key, Then Clic	:k on <save< td=""><td>></td></save<>	>

To Enter new data, Click on **ADD**>, enter Data and Press **Enter**> Key, then Click **SAVE**> to save the change. You also can edit information by clicking the table column.



National Informatics Centre

COSA

Page 121 of 277

MASTER DATA: PROFESSIONAL TAX

To be used in: Finance Department, Government of West Bengal

SUBURBAN ELEC Directory Datab	TRI		ISION,PWD			N
		SI.No.	Gross Amount FROM (Rs.)	Gross Amount TO (Rs.)	Professional Tax (Rs.)	
	•	1	0	1500	0	
		2	1501	2000	18	
		3	2001	3000	25	
		4	3001	5000	30	
		5	5001	6000	40	
		6	6001	7000	45	
		7	7001	8000	50	
		8	8001	9000	90	
		9	9001	15000	110	
		10	15001	25000	130	
		11	25001	40000	150	
		12	40001	99000	200	

Figure 5.20

To Enter new data, Click on **<ADD>**, enter Data and Press **<Enter>** Key, then Click **<SAVE>** to save the change. You also can edit information by clicking the appropriate table column.



COSA

Page 122 of 277

User Manual for COSA

MASTER DATA: G.I.S 1987

To be used in: Finance Department, Government of West Bengal

Pirectory Da	tabase :	G. I. S	. 1987			
		SI.No.	Employee GIS Group	GIS87 Insurnc. Amount (Rs.)	GIS87 Savings Amount (Rs.)	
	•	1	A	24	56	
		2	B	12	28	
		3	С	6	14	
		4	D	3	7	
	*					
					h.	ų.

Figure 5.21

To Enter new data, Click on <**ADD**>, enter Data and Press <Enter> Key,then Click <SAVE> to save the change. You also can edit information by clicking the appropriate table column.



MASTER DATA: CITY COMPENSATORY ALLOWENCES (C.C.A.)

To be used in: Finance Department, Government of West Bengal

SUBURBAN E	LECTR	ICA					NIC
			SI.No.	Gross Amount FROM (Rs.)	Gross Amount TO (Rs.)	City Compn. Allownc.(Rs.)	
	3	•	1	0	2999	90	
	3		2	3000 4500	4499 5999	125 200	
	3		4	6000	99000	300	
	3	*	-				
	L				1		

Figure 5.22

To Enter new data, Click on <ADD>, enter Data and Press <Enter> Key, then Click <SAVE> to save the change. You also can edit information by clicking then appropriate table column.



MASTER DATA: CENTRAL GOVERNMENT HEALTH SCHEME (C.G.H.S.)

To be used in: Finance Department, Government of West Bengal

_					_
	SI.No.	Gross Amount FROM (Rs.)	Gross Amount TO (Rs.)	Central Govt. Hith.Scm.(Rs.)	
	1	0	1650	50	
	2	1800	2800	125	
	3	4200	4200	225	
	4	4600	6600	325	
	-5	7600	9900	500	
*					

Figure 5.23

To Enter new data, Click on <ADD>, enter Data and Press <Enter> Key, then Click <SAVE> to save the change. You also can edit information by clicking the appropriate table column.



MASTER DATA: CENTRAL GOVT. EMPLOYEE GROUP INSURANCE SCHEME

To be used in: Finance Department, Government of West Bengal

	SI.No.	Employee Post Group	CGEIS Insurnc. Amount (Rs.)	CGEIS Savings Amount (Rs.)	
•	1	Α	36	84	
	2	В	18	42	
	3	С	9	21	
_	4	D	4	11	
*					

Figure 5.24

To Enter new data, Click on <ADD>, enter Data and Press <Enter> Key, then Click <SAVE> to save the change. You also can edit information by clicking the appropriate table column.



National Informatics Centre

MASTER DATA: USER MASTER

To be used in: Finance Department, Government of West Bengal

User Master			
AND A DAY OF	OF WEST BENGAL ECTRICAL DIVISION,PWD		NIC
	D. D. O. Code Userid of System Administrator Password	CAC-PWE-013 nic12345 *******	
User Id Password Re-enter Passw Name and Desi Remarks, if any Date of Creatio	rord gnation of the User	V . / Update existing User Profile !	
22/02/2012	<u>s</u> ave <u>d</u> elete	<u>C</u> ANCEL <u>E</u> XIT	13:38:01

Figure 6.2

This is a user master form. The main purpose of this form is to create new User. First enter administrator Id & password. This is administrator part.



For new user creation first fill the fields. Then Click **<SAVE**> to save the new user information into the database.

				_	
	D. D. O. Code		CAC-PWE-013	-	
	Userid of System	Administrator	nic12345		
	Password		hinininininini Marinanininini		
User Id		user1	(8 Characters)		
Password		****	(8 Characters)		
Re-enter Passwor	d	****	-		
Name and Design	ation of the User	test.test			
Remarks, if any		No			
Date of Creation					
/02/2012	<u>S</u> AVE	DELETE	CANCEL	<u>E</u> XIT	13:40:44



Chapter – 06: Directory Data

MAIN MENU: DIRECTORY DATA

COSA : I	Wain Menu							
MASTER	DIRECTORY SALARY ECS	5 / EPS etc. QUERY	REPORTS Oth.Reports	Gr. D GPF	ADMIN HE	LP EXIT		
मन्यां	DEPARTMENT / C. I. ESTABLISHMENT / Instt. SECTION (Acquittance) DESIGNATION Loan AGENT	ution of Salar	y Accounts (C	OSA)				A
						12:3	0:28 PM	

Figure 6.1



COSA

Page 129 of 277

DIRECTORY DATA: DEPARTMENT

To be used in: Finance Department, Government of West Bengal

01		Description DRKS DEPARTME	NT	D.D.O. Cod CAC-PWE-0		Code
	To Enter Ner	w Deptt./Insttn., Click o	on < Add>, Enter Descri	ption and Press <enter></enter>	Key. Then Click on DI	DO Code
	an	CAUTION : Do No		it is properly selected). Th haracter with any word st	3	<u>C</u> LOSE

Figure 6.4

This form provides Department information. Here you can add new department information by clicking **<ADD**>, then enter record, and Press **<**Enter> Key, then Click **<SAVE**> to save the record. You also can Edit Department Description by clicking department description column.



DIRECTORY DATA: ESTABLISHMENT/CADRE (PAY BILL)

To be used in: Finance Department, Government of West Bengal

SUBURBAN ELECTRICAL D Directory Database : Estat	and the second se		on (P	ay Bill)					1	<u>II</u>
Name of Department / C.I.		PUBLI	c wo	RKS D	EPAR	TME	NT	_		T	
** EPS File can be g	enerated if El	PS/RECS va	lue of	BIIIs is 1.	Zero(0)	indica	tes that ti	ne Bil	l is Nor	n-EPS type Bill **	te.
Establishment/Institution	Code Dept	Demnd	Major	SMajor	Minor	Plan	Scheme	WC	Detail	EPS/RECS D	escrip
EXCV. ENGGR I & II	01		2059	80	001	NP	004	۷	01	1	
DAO OF O/O EE, SED, PWD	02		2059	80	001	NP	004	۷	01	1	
ALIPORE EL. SUB-DIVN., PWD	03		2059	80	001	NP	004	۷	01	1	
BHABANI BHAWAN EL. SEC., PWD	04		2059	80	001	NP	004	۷	01	1	
B.G.L. EL. SEC., PWD	05		2059	80	001	NP	004	۷	01	1	
JUDGES COURT EL. SEC., PWD	06		2059	80	001	NP	004	۷	01	1	
SSKM(H) EL. SUB-DIVN., PWD	07		2059	80	001	NP	004	¥	01	1	
SSKM(H) EL. SEC. II, PWD	08		2059	80	001	NP	004	¥	01	1	
ELECTRICAL CONSTN. SEC V, PWD	09		2059	80	001	NP	004	۷	01	1	
SSKM(H) ELECL. SEC. NO.I	10		2059	80	001	NP	004	۷	01	1	
V.H. ELECL. SUB-DIVISION, PWD	11		2059	80	001	NP	004	۷	01	1	
D.H. ELECL. SECTION, PWD	12		2059	80	001	NP	004	۷	01	1	•
	SAVE		<u>N</u> E>	(T.		XIT			IELP	13:4	2.40

Figure 6.5

This form provides Establishment information for a particular department. Here you can add new Establishment information by clicking <ADD>,then enter record, and Press <Enter> Key, then Click <SAVE> to save the record. You also can Edit Establishment Information by clicking appropriate column. For any help required regarding this Click <HELP>.



National Informatics Centre

COSA

Page 131 of 277

Directory Database: Establishment/ Cadre (Pay Bill) for <HELP>

GOVERNMENT OF WEST SUBURBAN ELECTRICAL Directory Database : Es	L DIVISION		Pay Bill)					NI
Name of Department / C.I.		PUBLIC WC	RKSI	DEPAR	TME	NT			•
		if EPS/RECS value of		-			-	-	
Establishment/Institution	1233	ept Demnd Major	723235	220,020	0.5,258	0.000000	- 53	1235353	EPS/RECS Descri
EXCV. ENGGR I & II	01	2059	80	001	NP	004	¥	01	1
dao of oio ee, sed, pwd	02	2059	80	001	NP	004	۷	01	1
ALIPORE EL, SUB-DIVN., PWD	03	2059	80	001	NP	004	V	01	1
ALIPORE EL. SUB-DIVN., PWD Establishment Name is the Na To enter New Establishment, Se	and and a set of the second	nent Click on < Adc	l>, Ente	r values	v 1997 - 1982 (19	A1995-1.11 (2624)		0006.00000000	
Establishment Name is the Name	ame by whic	h a Pay Bill is refer nent. Click on < Adc Then Click	red to. L I>, Ente : on <sa< th=""><th>.ength o r values ave></th><th>f this N in entr</th><th>lame sh y boxes</th><th>ould I</th><th>oe less</th><th></th></sa<>	.ength o r values ave>	f this N in entr	lame sh y boxes	ould I	oe less	
Establishment Name is the Name	ame by whic lect Departm	h a Pay Bill is refer nent. Click on < Adc Then Click	red to. L I>, Ente : on <sa character</sa 	ength o rvalues ave> with any	f this N in entr word su	lame sh y boxes ch as Rar	ould I follov	oe less	Pressing <enter></enter>
Establishment Name is the Name To enter New Establishment, Se	ame by whic lect Departm	h a Pay Bill is refer nent, Click on < Adc Then Click ot (apostrophe)	red to. L I>, Ente : on <sa character</sa 	ength o rvalues ave> with any	f this N in entr word su	lame sh y boxes ch as Rar	ould I follov	oe less	Pressing <enter></enter>
Establishment Name is the Name	ame by whic lect Departm AUTION : Do N Rank (valu	h a Pay Bill is refer nent, Click on < Adc Then Click ot (apostrophe) es may be 1 to 99)	red to. L I>, Ente : on <sa character indicate</sa 	ength o r values ave> with any es the C	f this N in entr word su adre H	lame sh y boxes ch as Rar lierarch	ould I follov n's etc. y.	be less wed by	Pressing <enter></enter>
To enter New Establishment, Se	ame by whic lect Departm AUTION : Do N Rank (valu	h a Pay Bill is refer nent, Click on < Adc Then Click ot (apostrophe) es may be 1 to 99) 2009	red to. L I>, Ente con <sa character indicate</sa 	ength o r values ive> with any es the C	f this N in entr word su adre H	lame sh y boxes ch as Rar lierarch	ould I follov n's etc. y. V	ved by	Pressing <enter></enter>



DIRECTORY DATA: ACQUITTANCE (SECTION)

To be used in: Finance Department, Government of West Bengal

COSA						
SUBU	RNMENT OF WEST IRBAN ELECTRICAL tory Database : Acq	DIVISION,PWD	1)			NIC
Na	me of the Departr	nent PUBLIC	WORKS DEPAR	TMENT	_]
	Code	Acquittance	Section Name			
	01	TEST				
					<u>)</u>	
22/02/201	2 <u>a</u> dd	<u>s</u> ave	<u>N</u> EXT	<u>e</u> xit	HELP	13:50:03

Figure 6.7

This form provides Section information for a particular department. Here you can add new Section information by clicking **<ADD**>, then enter record, and Press **<Enter**> Key, then Click **<SAVE**> to save the record. You also can edit Section Name by clicking appropriate column. For any help required regarding this Click **<HELP**>.



COSA

Page 133 of 277

Directory Database: Acquittance (Section) for <HELP>

	the Departm	ent PUBLIC	WORKS DEPAR	TMENT	•	1
	Code		Section Name			-
	01	TEST	occuvit Name			
		0				
101010-004710			- en contrar terterar - energi		l be less than 20 Cha	2000 C201 CEDEC:
To enter New Section	on, Select Depart	ment, Click on </th <th>Add<mark>></mark>, Enter values in Click on <Save></th> <th>n entry boxes follo</th> <th>wed by Pressing <e< th=""><th>nter> key, Tl</th></e<></th>	Add <mark>></mark> , Enter values in Click on < Save>	n entry boxes follo	wed by Pressing <e< th=""><th>nter> key, Tl</th></e<>	nter > key, Tl
	CAUT	ION : Do Not	(apostrophe) character w	vith any word such as	Ram's etc.	<u>C</u> LOS



DIRECTORY DATA: DESIGNATION

To be used in: Finance Department, Government of West Bengal

Director	y Database : Designation	Ē
Dsgn. Co	de Designation Description	Rank
487	Assistant Electrician	(
481	Daftari	
486	Electrician	(
485	Head Electrician	
489	Jr. Operator (lift)	
488	Jr. Operator (pump)	
483	Sr. Accounts Clerk	
492	Sr. Pump Operator	
480	Sub-assistatn Engineer	
484	Work Assistant	
491	Workman	
		1

Figure 6.9

This form provides Designation information for a particular department. Here you can add new Designation information by clicking **<ADD**>, then enter record, and Press **<Enter**> Key, then Click **<SAVE**> to save the record. You also can Edit Designation description by clicking appropriate column.



⁻ or any	y help re	User Manual for COSA quired regarding this Click < HELP >.	
Designati	ion		
	SUBURB	MENT OF WEST BENGAL AN ELECTRICAL DIVISION,PWD y Database : Designation	NIC
	Dsgn. Cod	le Designation Description	ank 📥
	487	Assistant Electrician	0
	481	Daftari	0
	486	Electrician	0
	485	Head Electrician	0
	To Enter No No 480	ew Designation, Click on < Add>, Enter Description and Press <enter> Key. Then enter Rank value followed by <enter> Key w Click on <save>. The Rank indicates the order of Designation at which it comes in the Acting Arrangement Report. CAUTION : Do Not (apostrophe) character with any word such as Ram's etc. CLOSE Sub-assistatn Engineer</save></enter></enter>	0
	484	Work Assistant	0
	491	Workman	0 -1
R	•		<u>}</u>
22/0	2/2012	ADD SAVE EXIT HELP 13	3:54:03
		Click Here Figure 6.10	



DIRECTORY DATA: LOAN AGENT

To be used in: Finance Department, Government of West Bengal

[an Types for which Rec.At is OTH in L aximum Length : Agent Name = 20	Agent Address = 50
Loan Description	Code	Agent Name	Agent Address
S.B.I. (HBL-I)	23	S B I(Ali. Court Try	2, Biplabi Kani Bhatt. Sarani, Kol27
U.B.I., HBL	24	U.B.I., Alipore Br.	Alipore, Kolkata - 27
S.B.I. (HBL-II)	25	SBI (N.S.Rd.Br.)	N.S.Road
SBI (HBL)	26		
JBI, HBL	27	UBI, Royal Exch.Br.	10, N.S. Road, Kol-01

Figure 6.11

This form provides information about Loan types and details of loan agent. If you need any help then click on <**HELP**> button.



National Informatics Centre

Page 137 of 277

Chapter – 07: Salary Data

Main Menu: Salary Data

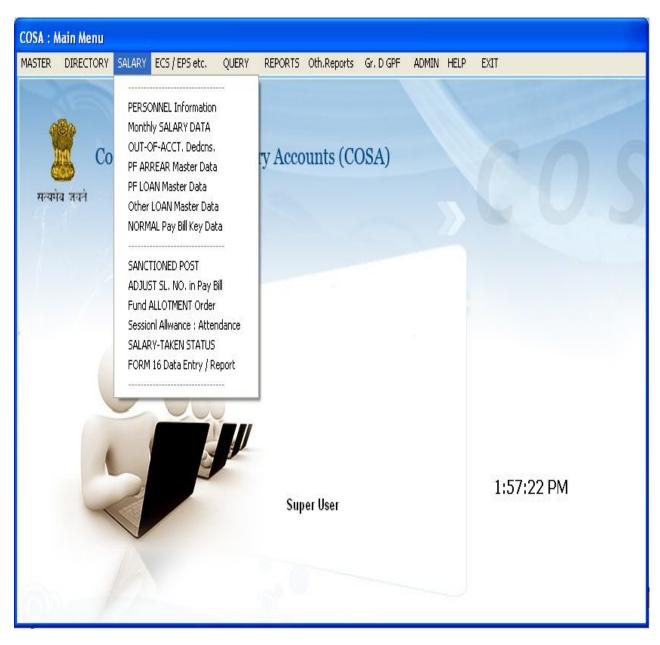


Figure 7.1



COSA

Page 138 of 277

SALARY DATA: PERSONNEL INFORMATION

To be used in: Finance Department, Government of West Bengal

COSA : Personnel Inforr	mation			
SUBURBAN	ENT OF WEST BE ELECTRICAL DI Information Data			NIC
Employee Id.			Salary Month February	Salary Year 2012
Emp. Name SRI P#	ALLAB K		t Deptt. / C.I. PUBLIC WORKS DI Estb. / Instt. SSKM(H) EL. SUB-	
Key Informa	ation	Personal Details	Bank Acct. Details	Stop Salary
Service Type ROPA Opt	G.O.W.B. 2009 🚔	Category Regular Pay Scale 9000-40500	Status Permanent	🗧 Group Group-A 🚔
Designation	Accounts Clerk	• • • • • • • • • • • • • • • • • • •		NEW DESG
Acq. Section Residential Status	TEST Own House	Gffice Buildings		Rent NEW QTR.
Basic/ P.B. Pay	19020	Next Incr.Date 01/07/2012	2 Incr.Amount 740	Opt for M.A Click Here to a
Personal Scale?	Y 🚟	Deputation ? No	Handicap ? N 层	Village Work
GIS Type (83/87)	1987	GIS Group Group-A 🗮	PF Acct. Type G.P.F. 📑	🗧 GPF Group Group-A 🗮
Serial No. in Bill	1	BP% as NPA 0	PAN AFEPK6473Q	
Wednesday, February	y 14:02:05	<u>H</u> ELP <u>L</u> IST /	ALL <u>S</u> AVE <u>N</u> EXT <u>C</u> ANC	CEL <u>E</u> XIT

Figure 7.2

This form provides **key information**. It has four different parts as Key Information, Personal Details, Bank Acct. Details, and Stop Salary. In the above screen Key Information part is shown.

Here you can add New designation, New scale, New section and New quarter by Clicking on <**New desg.**>, <**New Scale**>, <**New Sectn.**> and <**New Qtr**.>



National Informatics Centre

COSA

Page 139 of 277

GOVERNMENT OF WEST BEN SUBURBAN ELECTRICAL DIV Personnel Information Data E	ISION,PWD					NI
mployee Id. WORKS/WE	3/32181	?	Salary Month	February	🗾 Salary	Year 2012
mp. Name SRI PALLAB KHAN			Deptt. / C.I. Estb. / Instt.	PUBLIC WORKS D SSKM(H) EL. SUB-		
Key Information Personal Details			Bank	Acct. Details	Stop Salary	
Employee Religion Hindu 🗮	pointment 01/01/19 Gender Male Post Sanction Details Spouse Service Statu		Present Post Caste	01/01/1900 GEN	Present Office Retirement on	01/01/190
Father's Name Spouse's Name Edn. Qualification Class-VIII Pass	<u>х</u>] Joi	Mother's Name ning Desgntion Spl. Qlf. If any			

Figure 7.3

This form provides **Personal Details** in Personal Details part.



COSA : Personnel Information						
GOVERNMENT OF W SUBURBAN ELECTRI Personnel Information						NIC
Employee Id. WC	RKS/WB/32181] <u>?</u> Sa	alary Month	February	- Salary '	Year 2012
Emp. Name SRI PALLAB KH	AN	5 KS208	eptt. / C.I. stb. / Instt.	PUBLIC WORKS DE SSKM(H) EL. SUB-D		.
Key Information	Personal Details	ſ	Bank	Acct. Details	Stop	Salary
Employee Id. w/o Spl.Chr. Salary Receiving Bank MICR Code Bank IFS Code Bank Details Bank Account No. Name in Bank	WORKSWB32181 Cash 700002057 SBIN0003334 STATE BANK OF INDIA, KIDE 31924117704 SRI PALLAB KHAN	DERPORE	(KDP)78,D.	H.Rd., Kol-23		
Wednesday, February 14:0	4:43 <u>H</u> ELP	<u>L</u> IST A	LL <u>s</u> ave	<u>N</u> ext <u>C</u> anci	EL <u>E</u> XIT	

This form provides personal information in **Bank Acct. Details** part.



COSA : Personnel Informa	ıtion				
SUBURBAN E	T OF WEST BENGAL LECTRICAL DIVISIO formation Data Entry	DN,PWD			NIC
Employee Id.	WORKS/WB/3	2181 ?	Salary Month	February	Salary Year 2012
Emp. Name SRI PAL	LAB KHAN		Deptt. / C.I. Estb. / Instt.	PUBLIC WORKS DEF SSKM(H) EL. SUB-D	
Key Informati	ion	Personal Details	Bank	Acct. Details	Stop Salary
Stop Salary Reason of Pay Stop Office Order No. Office Order Date Date of Pay Stop	No 😫	* Note * If salary is Stop Salary is set YF Salary Month. E	S, then the Employe ut, Next Month onw of Current Month, J	e will appear in Pay Bill Inner ards, it will Not appear in Pay	or this Month, then Stop Salary. If Sheet with NO Salary (Zero) in this r Bill. In the Remarks Column of which will appear in the Inner Sheet
Wednesday, February	14:07:25	<u>H</u> ELP <u>L</u> IS	TALL <u>S</u> AV	E <u>N</u> EXT <u>C</u> ANCE	E EXIT

Figure 7.4

Stop Salary part shown in the above screen. If you choose yes for stop salary then you have to give reason for salary stop and office order date and date of pay stop.



Employee Id. WORKS/ Emp. Name SRI PALLAB KHAN		boped y only	ORKS DEPARTMENT	ry Year 2012
Key Information	Personal Details	Estb. / Instt. SSKM(H) Bank Acct. Detai	EL. SUB-DIVN., PWD	top Salary
Office Order Date	Salary Month. But	then the Employee will appear in 1 ; Next Month onwards, it will Not f Current Month, Add Appropriat of Pay Bill for this S	e Comments which will appear	marks Column of

EPS/ECS info. is the final part of personnel information directory. After completing this part then click on **SAVE**> to save the record.



COSA

Page 143 of 277

SL SL	OVERNMENT OF WEST BENGAL IBURBAN ELECTRICAL DIVISIO ST OF ALL EMPLOYEES	N,PWD					NIC	
lepartment	PUBLIC WORKS DEPARTMENT	•	Establi	shment	UDGES COUR	T EL. SEC.,	PWD	
Employee	Name	P.F.Account	No.	SI.No.	B.P.(Rs.)	ld.No.	PMonth	
SRI TAPAS	SH GHOSH	WORKS/WB	/40295	1	9800	000095	12-2012]_
SRI RUP C	HAND SING	WORKS/WB	/31429	2	11310	000096	12-2012	
SRI NETAI	CHANDRA DAS	WORKS/WB	/31258	3	11250	000097	12-2012	
SRI DULAL	. KUMAR BOSE	WORKS/WB	/36674	4	10410	000098	12-2012	
SRI AMLAN	N DEY	WORKS/WB	/36678	5	10410	000099	12-2012	
SRI ARUN	KUMAR DAS	WC/WB-285		6	9600	000100	12-2012	
SRI BIDHA	N CHANDRA HALDER	SED/WC-532	2	7	9510	000101	12-2012	
SRI RANJI	T SIKARI	SED/WC-53		8	9510	000102	12-2012	
SRI GOPA	L CHANDRA MAL	SED/WC-564	1	9	9170	000103	12-2012	
SRI SAMIR	CHANDRA PAUL	SED/WC-669)	10	7470	000104	12-2012	
SRI RABIN	DRA NATH DAS	WORKS/WB	-36647	11	10650	000105	12-2012	
SRI SUKU	MAR DAS	WORKS/WB	-36645	12	10070	000106	12-2012	
SRI SISIR	CHATTERJEE	WORKS/WB	-36643	13	9000	000130	12-2012	

Figure 7.7

Here List of all Employees are shown. You can get this by selecting proper Department and establishment for which you want to generate employees list.



SALARY DATA: MONTHLY SALARY DATA

To be used in: Finance Department, Government of West Bengal

Monthly Salary Data: Earnings

Scosa : MONTHLY SALARY									
	F WEST BENGAL TRICAL DIVISION,PWD Data Entry / Updation							NIC	
Salary Month February	Salary Month February Deptt./Insttn. PUBLIC WORKS DEPARTMENT								
Salary Year 2012	Establishment SS	SKM(H) EL	. SEC. II	, PWD		•	N	18533 10363	
Employee Id. WORKS/W	WB/36671								
EARNINGS	DEDUCTION	PF S	UBS. & I		OTHER LOANS	Ĭ	REM	ARKS	
PAY TYP	E AMOUNT (I	n Rs.)	insti.?	Instl.Left	PART	Salary 🛛 🛛	REAK	UP Salary	
Basic Paj	у	10650	N	0	<u></u>	Re-Calculate on New BP			
Grade Pa	у	2300	N	0	<u>0</u>	Out-of-Acct. Deductions			
Dearness Allo	wance	5828	N	0	<u>C</u> alcu	late as per (GOI 6	th P.C.	
House Rent Alle	owance	1943	N	0		Personnel Details			
Medical Allow	vance	300	N	0					
Gross Pay 21021 22/02/2012 <u>A</u> DD	O/A Deduc Rs. 10363 <u>S</u> AVE <u>P</u> REV <u>N</u> EX	Net Pays	1	8170 portant	HELP DESK Re	iresh Form			

Figure 7.8

This form provides information about monthly salary of employees. To see the information first select month, year, department, establishment & PF account no then you see the Earnings information for that employee. You can also see information about Deduction, PF Subs. & Ioan, Other Loans by clicking the tab. You can see PART salary information, Re-calculate DA & HRA etc, by clicking the corresponding button.

You can add new records by clicking **<ADD**>, then Click **<SAVE**> to save the new record.



National Informatics Centre

COSA

Page 145 of 277

Monthly Salary Data: Deduction

😵 COSA : MONTHLY SALARY									
GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISIO Monthly Salary Data Entry / Upd	ON,PWD				yn i'r	NIC			
Salary Month February 🔽 Deptt./Insttn. PUBLIC WORKS DEPARTMENT									
Salary Year 2012 💽 Establ	Salary Year 2012 Establishment SSKM(H) EL. SEC. II, PWD								
Employee Id. WORKS/WB/36671	▼ SRI	MANTU	CHANDRA I	DAS		P 8170			
EARNINGS	TION PF S	UBS. & L	.OAN	OTHER LOANS	RE	MARKS			
DEDUCTION TYPE State GIS Insurance 1983 State GIS Savings 1983 Professional tax Income Tax	AMOUNT (In Rs.) 3 5 130 2350	Instl.? N N N	Instl.Left 0 0 0						
22/02/2012 <u>a</u> dd <u>s</u> ave <u>p</u> re	<u>v</u> ext <u>e</u> x	IT Im	portant	HELP DESK Refres	h Form				

Figure 7.9

These deduction parts of monthly salary show you the deductions of amount.

NATIONAL INFORMATICS CENTRE National Informatics Centre

Monthly Salary Data: PF Subs & Loan

Second : Monthly Salary	
GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISION,PWD Monthly Salary Data Entry / Updation	NIC
Salary Yoar 2012 Establishment SSKM(H) ELSEC IL DWD	D 2488 N 18533
	0 10363 P 8170
	MARKS
PF SUBSCRIPTION Amount (Rs.) 0 FROM D.A., IF ANY AMOUNT (Rs.) PF SUBSCRIPTION Installment No. Installment No. Total Amount to be Recovered etc. are entered through the PF Arrear / PF Loan Order Menu Option Insert/Update Data Press <save></save>	
PF RECOVERY, Installment No. IF ANY Amount (Rs.) PF LOAN MASTER	
22/02/2012 SAVE PREV NEXT EXIT Important HELP DESK Refresh Form	

Figure 7.10



Monthly Salary Data: Other Loans

🕲 COSA : MONTHLY SALARY	
GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISION,PWD Monthly Salary Data Entry / Updation	NIC
Salary Month February Deptt./Insttn. PUBLIC WORKS DEPARTMENT Image: Salary Year 2012 Image: Salary Year Salary Ye	
Salary Year 2012 Establishment SSKM(H) EL. SEC. II, PWD 0 Employee Id. WORKS/WB/36671 SRI MANTU CHANDRA DAS P	
	MARKS
To enter New Data, Click on < Add>, Enter data and Press <enter> Key, Then Click on <save>. To Update Data, click on Amount, correct data, press <enter>, Click <save>. LOAN TYPE INST. No. RECOVERY AMOUNT (In Rs.)</save></enter></save></enter>	
The following items may be seen on clicking Loan Type items in the above Table. It is a MUST to Enter Principal Loan Amount, Installment Details through the Menn item OTHER LOAN MASTER DATA under Monthly Salary Data Main Menn Item. Otherwise, PROBLEM follows. SEE Total Amount Total Installment Enter 999 if it is Not Known (Exmpl. Interest) [Exmpl. Interest]	™UPDATE Loan Master
22/02/2012 ADD SAVE PREV NEXT EXIT Important HELP DESK Refresh Form	
Figure 7.11	



COSA

Page 148 of 277

Monthly Salary Data: Remarks

🕴 COSA : MONTH	ILY SALARY						
SUBU	RNMENT OF WEST IRBAN ELECTRICAL Ily Salary Data Ent	DIVISION,PWD					NIC
Salary Month Salary Year	February 💌 2012 💌	Deptt./Insttn. Pl Establishment S:				D N O	2488 18533 10363
Employee Id.	WORKS/WB/366	71	▼ SRI MA	NTU CHANDRA (DAS	P	8170
EARNI	NGS	DEDUCTION	PF SUBS	. & LOAN	OTHER LOANS	REM	IARKS
	Remarks, if any	bis remarks will appear in the l Do NC GPF deduction has 31.03.2012)T use <enter> ke</enter>	y while entering due to retireme			
22/02/2012	<u>A</u> DD <u>S</u> AVE	AUTION : Do Not Use	1	cter with any word suc		h Form	
	narks part of tory) in the b	Monthly Sala	Figure 7.1 ary Data y	С	lick Here e your remarks if	any (it is	5



Monthly salary Data: Help Desk

COSA : HELP DESK

Government of West Bengal Urban Development Department HELP DESK

HELP DESK-

To Enter New Data, Click on < Add>, Enter data and Press <Enter> Key, Then Click on <Save>

To Update Data, click on Amount, correct data, press <Enter>, Click <Save>.

The 1st item under <Earnings> for any Employee's Salary Should be <Basic Pay / Deputaion Pay>

After Data Entry Operation under any Item viz. < Earnings>, < Deduction>, <Loan>, < Remarks> etc., Press <save> Button to Save Data

Suppose, You have Entered & Saved data for any item by Mistake. To Remove that item, Just Update the Amount as 0 and Press <SAVE>

For Doctors (who are eligible for N.P.A.), D.A. item is to be entered after entering of B.P., G.P. and N.P.A.

Formats of the Pay Bill Inner / Outer Sheets and the Schedules are as per directives of the Finance Department, Government of West Bengal. Mr. Apurba Ratan Chakroborty, Joint Director or, Mr. Gautam Chatterjee, Dy. Director, Treasuries & Accounts, Stephen House, Kolkata-1, Phone Nos. 2248 6163/2243 8067 may be contacted, if there is any confusoin relating to the Formats or, Salary Head of Accounts.

CLOSE

Figure 7.13

This is Help Desk. If you didn't understand how to enter data in Monthly Salary Data then you can click on <HELP DESK> button to enter records.



Monthly Salary Data: Part Salary

Finan	LY SALARY RNMENT OF WEST ce (Accounts) nly Salary Data Entr						<u> </u>
Salary Month Salary Year	February 💌 2011 💌	Deptt./Insttn.					
Employee Id. EARNII	txtempcode	DEDUCTION	PF SUBS. & LOAN	OTHE	R LOANS	F	MARKS
Gross Pay	O/A D	educ Rs.	Net Payable Rs.		<u>O</u> ut-o	f-Acct. Dedu as ner GOT PART penter	ctions
24/02/2012	<u>A</u> DD <u>S</u> AVE	<u>P</u> REV <u>N</u> EX	T <u>E</u> XIT <u>I</u> mportant	<u>H</u> ELP I	DESK Refres	h Form	

By Clicking <**Part Salary**> button in earnings part then you can see the part salary information.



COSA

Page 151 of 277

User Manual for COSA

SUBURBAN ELE		SSKM(H) E	L. SEC. II, PWD		D 2488 N 18533 0 10363
Employee Id. WORKS, EARNINGS	/WB/36671 DEDUCTION		RI MANTU CHANDRA SUBS. & LOAN	DAS OTHER LOANS	P 8170
PAY TYPE Basic Pay Grade Pay Dearness Allowance House Rent Allowance Medical Allowance	ELIGIBLE (Rs.) 10650 2300 5828 1943 300	Part ? NO NO NO NO NO	QUALIFYING (Rs.) 10650 2300 5828 1943 300		
Gross Pay 21021	O/A Deduc Rs. 10363	Net Pa	yable R: 8170		

Figure 7.14

Click on SAVE to save your earning part .



COSA

Page 152 of 277

SALARY DATA: Out-Of-ACCT. DEDUCTIONS

To be used in: Finance Department, Government of West Bengal

		ictions	from Monthly					
Salary Month Salary Year	February 2012		Department Establishment	PUBLIC WORKS I B.G.L. EL. SEC., P		ENT		
GPF Account 1	No. WC/WB	/286		SRI DILIP KUM/	AR DAS			
DEDL	JCTION TYP	ΡE	AM	IOUNT (In Rs.)	Instl.?	Instl.Left	Policy No. ,	
Co	o-operative			5538	N	0		
							•	
				15.21 (3)				

Figure 7.15

This form provides the out of account deductions from monthly salary. You can add new records by clicking **<ADD**>, then Click **<SAVE**> to save the new record.



COSA

Page 153 of 277

SALARY DATA: PF ARREAR MASTER

To be used in: Finance Department, Government of West Bengal

PF ARREAR MASTER	
GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISION,PWD Directory Database : PF ARREAR MASTER	NIC
PF Account No. WC/WB/286 Employee Name SRI DILIP KUMAR DAS	
Preass <tab> key to navigate from one item to another</tab>	<u>1</u> 2
Total Arrear Amount (Rs.)	
Total Installment No.	
Order No.	
Order Date 01/01/1900 Order Data must be in Valid Date Format. If you do not have order date, keep the value 01/01/1900 intact	
22/02/2012 SAVE NEXT CANCEL EXIT	

Figure 7.16



SALARY DATA: PF LOAN MASTER DATA

To be used in: Finance Department, Government of West Bengal

COSA : PF LOAN A	MASTER						
SUBUR	RBAN ELECT	WEST BENGA RICAL DIVISI ENTRY SCREE	ON,PWD				NIC
Department	PUBLIC WO	RKS DEPARTM	ENT	▼ PF Account I	No. SE	D/WC/673	•
Establishment	B.G.L. EL. SI	EC., PWD		- SRI DEBASIS	MUKHER	IJEE	
Purpose of P.F.			liness of Self/Depen	dent	Ins	tallment No.	Breakup
Total Amount (Rs.)	40000			SI.	No. of Instt.	@Rs.
Total Installme	ent No.	20			1st	20	2000
Current Install	ment No.	18			Next	0	0
Cumulative Re	covery (Rs.)	36000			Next	0	0
Loan Recovery	/ Status	Running 🔒	Select Running/ Stopped, the	en Click in Middle of List Box	Next	0	0
Remarks (100	0 Character	s)					
22/0	2/2012	<u>s</u> ave	NEXT	CANCEL	<u>e</u> xit	2:2	22:47 PM
		20	Figure 7.1				

Figure 7.17

This is entry form for PF loan for particular employee. Click on <**NEXT**> for the next employee.

NATIONAL INFORMATICS CENTRE National Informatics Centre

COSA

SALARY DATA: OTHER LOAN MASTER DATA

To be used in: Finance Department, Government of West Bengal

oan Order Entry								
SUBU	RBAN ELEC	WEST BENGAL TRICAL DIVISIO er than P.F.) In	ON,PWD					NIC
Department	PUBLIC WO	RKS DEPARTME	NT	✓ PF Accou	nt No	. SE		
Establishment	B.G.L. EL. S	EC., PWD		SRI TAPAI	I KUM	IAR DU	TTA	
Loan Type Total Amount Total Installm Enter 999 if it is No Current Instal Cumulative Ro Loan Recovery Remarks (100	ent No. ^{t Known} Iment No. ecovery (Rs. / Status	Running	Codel Roll/ Acct. No.,	• BAC		Ins SI. 1st Next Next Next Next	tallment No. No. of Instt. O O O O O	Breakup @Rs. 0 0 0 0 0
Total No. of Loa	ns Taken :	0]::						
22/02/201	2	<u>s</u> ave	NEXT	<u>C</u> ANCEL	Ē	XIT		14:24:50
			Figure	7.18			-	

This is Loan Order Information Screen for a particular employee.



SALARY DATA: NORMAL PAY BILL KEY DATA

To be used in: Finance Department, Government of West Bengal

ay Year 2	February <u>*</u> 2012 *	Department Establishment	PUBLIC WO			•	Emplyees Yet To Take 「 Salary
_	I Date must be Enter Normal Pay Bill		Appear in the Pa 418of11-12	y Bill. AFTEF	418of11		pdated with Exact Data Nate 17/02/2012
SELECTED 1 WORKSAWB 2 WORKSAWB 3 WCAWB/231 4 WCAWB/233 5 WCAWB/334 6 WORKSAWB	0/29184 :: SRI NAF :: SRI BIKASH :: SRI DEBASI :: SRI ALOY K	RAHAMAN MOLLAH XAYAN CHANDRA D/ KUMAR BANERJEE	48	>> S. > (loyee Code and Name	
oken / T.V. No heque No. emarks, if any		Token / T.V. Date 01 Cheque Date 01		n-Cash Date	01/01/2002	Gross Amt Ded. + Rec. Amt NetAmt O/A Ded Amt DDO./RBI Amt	174276 733461 206033

This is Key Information form Normal Pay Bills Screen. You can get information about normal Pay bills. First select pay month, pay year, department and establishment, then . You can update existing bill information & also insert new bill information (e.g. Bill no. bill date etc.).



SALARY DATA: SANCTIONED POST

To be used in: Finance Department, Government of West Bengal

Pay Bill Wise Sanctioned Post & Related G.O. Entry Screen

COSA : SANCTIONED POST ENTRY			
GOVERNMENT OF WEST BEN SUBURBAN ELECTRICAL DIV Pay Bill wise Sanctioned Pos	ISION,PWD		NIC
Salary Month February	Department	PUBLIC WORKS DEPART	AENT -
Salary Year 2012 -	Establishment	EXCV. ENGGR I & II	
Maximum 20 types of Designation are	e allowed per Establishm	ent/Pay Bill for effective generation of	Outer Sheet of the Pay Bill
Designation	Sanctnd. G.O. No), and Date	
Executive Engineer - I	1		
Executive Engineer - I I	1		
Pub secietata Environa			
Sub-assistatn Engineer Sr. Accounts Clerk	2		
or. Accounts cierk			
Daftari	1		
	1		
22/02/2042			14:20:40
22/02/2012	ADD :	SAVE EXIT	14:29:10

Figure 7.20

This form provides information about pay bill wise sanctioned post & related G.O. entry.

First select the salary month & year, department, establishment to see the list. You can add new post by clicking <**ADD**>, you also edit information by clicking corresponding column, then Click <**SAVE**> to save changes.



COSA

Page 158 of 277

SALARY DATA: ADJUST SL. NO. IN PAY BILL

To be used in: Finance Department, Government of West Bengal

Adjust Employee Serial Number in Pay Bill

	SUBURB	MENT OF WEST BE AN ELECTRICAL DI EMPLOYEE SERIAL	VISION,PWD		NIC
	lary Month lary Year	February - 2012 -	Department Establishment		KS DEPARTMENT
		Employee Name)	Serial No.	G.P.F.Account No.
•	SRI JAYANTA	KUMAR BOSE		1	WORKS/WB/23033
	SRI. PALAS K	UMAR BASU		2	WORKS/WB/25765
	SRI JOYDEV (GHOSH		3	WORKS/WB/30508
	SRI ARUP KU	MAR ASH		4	WORKS/WB/39891
	SRI SUKHEND	U MONDAL		5	WORKS/WB/34204
	SRI NRIPATI (CHANDRA NASKAR		6	WORKS/WB/37927
	SRI SIBSANK	AR GANGULY		7	WORKS/WB/31462
	SRI GAUTAM	CHOWDHURY		8	SED/R-653
	SMT REKHA I	DAS		9	SED/R-696
22	2/02/2012		ADJUST	EXIT	14:30:21

Figure 7.21

This screen adjusts the employee's serial number in pay bill. Edit the serial no, the click <**Adjust**>.



National Informatics Centre

COSA

Page 159 of 277

SALARY DATA: SALARY TAKEN STATUS

To be used in: Finance Department, Government of West Bengal

Sub Salary Month Salary Year	VERNMENT OF WEST URBAN ELECTRICAL ARY TAKEN STATUS	DIVISION,PWD UPDATION Department	BLIC WORKS DEPARTM PORE EL. SUB-DIVN., F	
	Employee Na	mo	Salary Taken	G.P.F.Account No.
SRL PALAS	S KUMAR BASU			WORKS/WB/25765
SRI JOYDE	SC C (2 4 5 5 5 5 5 6 5 6 7 6 7 6 7 6 7 6 7 6 7 6		Y	WORKSAWB/30508
2	KUMAR ASH		Y Y	WORK S/WB/39891
	ENDU MONDAL		Y	WORKS/WB/34204
	TI CHANDRA NASKAR		Y	
				WORKS/WB/37927
	NKAR GANGULY		Y	WORKS/WB/31462
SRI GAUTA	M CHOWDHURY		Y	SED/R-653
SMT REKH	A DAS		Y	SED/R-696
22/02/20	12	<u>s</u> ave	EXIT	14:31:47

Figure 7.22

In this screen you can see the Salary Taken Status Updating information. Select salary month, salary year, department and establishment, then salary taken status will occurred.



SALARY DATA: FUND ALLOTMENT ORDER

To be used in: Finance Department, Government of West Bengal

lajor Head	Scheme Head Voted/Charged Deatil Head Sub Deatil Head	Allotment Amount in Rs.

Figure 7.23

This form informs about the fund allotment orders.



SALARY DATA: FORM-16 DATA ENTRY/REPORT

To be used in: Finance Department, Government of West Bengal

This is an Income Tax Form-16 Data. Give P.F. account no then click <**calculate**>, then all information will be seen. This form is salary income information form. Click on <**NEXT**> to view next employee details.

COSA :	Income Tax Form - 16 Data : <national ::="" bengal="" centre="" informatics="" state="" west=""> Phone. 2214320</national>	6
191.50065	D.D.O. CAC-PWE-013 P.F.Account No. NEW APOINTMENT - 1 Trement PUBLIC WORKS DEPARTMENT BHABANI BHAWAN EL. SEC., PWD Click here to see next PAN No.	Alter Table
CALC	LATE <u>SAVE</u> PREVIOUS <u>HEXT</u> DO Into <u>Report</u> All Employee <u>EXIT</u> O/P File Format	-
	Salary Income Chapter VIA Chapter VI A Contd Income Tax	
1.	Salary Income 143278 Others , if any GROSS SALARY	143278
2a.	Fixed Travelling Allowance	0
2b.	HRA Received 13816 Rent Paid 0 Ceiling 0 Exemption	0
2c.	Less (2c)	0
2.	Less Allowance to the extent exempted under section 10 (2a+2b+2c)	0
3.	Balance [1-2]	143278
4a.	Stanadard Deduction	0
4b.	Entertrainment Allowances	
4c.	Tax on Employment	1320
5.	Aggregate of 4a to 4c	1320
6.	Income Chargable Under the Head Salaries [3 - 5]	141958
7a.	Add any other	
7 b .	Income Reported by the Employee	
7c.	by the Employee	
8.	Less : Loss from House Property	
9.	GROSS TOTAL INCOME $[6 + (7a + 7b + 7c) - 8]$	141958

Figure 7.24



National Informatics Centre

COSA

Page 162 of 277

This is Chapter VI A form. It is a part of Income Tax Form-16 Data.

c Dep: Establi	D.D.O. D.D.O. artment shment ial Year	Tax Form - CAC-PWE-0 PUBLIC WOI BHABAIII BH 2011-2012	13 RKS DEPA	RTMENT	▼	P.	ntre :: West F.Account No. ployee Name PAN No.	NEW APPO	te Centre> P DIIMENT - 2 TOSH NASKA	- P7	O6 Alter Table
CALC	ULATE		EVIOUS	NEXT	<u>D</u> DO Info	<u>R</u> eport		-	0/P File		•
	Salary	Income		C	hapter VIA		Chapte	r VI A Contd.		Income Ta	×
10A.	Under	Section 80	C, 80C0	CC, 800	CCD]	
(a)	80C									Gross	Rebate
i	G.P.F.	e)								10500	10500
ü	G.I.S.									240	240
ü	N.S.C	. / Others									0
iv	U.L.I.	P. / Others									0
v	6	. Repayme									0
vi		. Re-invest	tment								0
vii	P.P.F.										0
viii		Premium									0
ix	Tution										0
x		Structure I	Bond						1		0
xi	Other:										0
	Total	of (a)								10740	10740

Figure 7.25



COSA

Page 163 of 277

This is Chapter VI A Contd. Form.

COSA :	Income Ta	ax Form - 1(Data : <nat< th=""><th>ional Inform</th><th>natics Ce</th><th>ntre :: West Ben</th><th>gal State Ce</th><th>ntre> Pho</th><th>one. 221433</th><th>206</th></nat<>	ional Inform	natics Ce	ntre :: West Ben	gal State Ce	ntre> Pho	one. 221433	206
Establi	artment P shment B	and the second second	I DEPARTMENT Van El. Sec., F			F.Account No. HE ployee Name SR PAN No.	W APPOINMEN I MOHITOSH			Alter Table
CALC		AVE <u>P</u> REVI	-	<u>D</u> DO Info	<u>R</u> eport	All Employee		/P File Fi	12	.
	Salary Inc	ome	T	Chapter VIA		Chapter VI	A Contd.		Income T	
									Gross	Deduction
(b)	80 CCC									0
(c)	80 CCD									0
10B	Other Se	ections und	er Chapter	VIA						
10c.	80 D									0
10d.	80 DD									0
10e.	80 DDB									
10f.	80 E									
10g.	80 G									
10h.	80 U									
10i.	Others, I	Pl. Specify						1		
11.	Aggrega	te of Dedu	ctable Amo	unt (10A +	10B)				10740	10740
12.	TOTAL	TAXABLE	INCOME	(9-11)[Rounde	d to 10]				131220
13.	TAX ON	TOTAL I	NCOME							0

Figure 7.26



COSA

Page 164 of 277

This is Income Tax part of the Income Tax Form-16 Data.

COSA :	Income	Tax Fo	rm - 16 D	ata : <nati< th=""><th>onal Inforn</th><th>natics Cer</th><th>ntre :: West B</th><th>engal Stat</th><th>e Centre> P</th><th>hone. 2214</th><th>3206</th><th>5</th></nati<>	onal Inforn	natics Cer	ntre :: West B	engal Stat	e Centre> P	hone. 2214	3206	5
Establ	D.D.O. artment ishment ial Year	PUBLIC	WORKS DE	PARTMENT	▼ ▼ ₩D ▼		.Account No. ployee Name PAN No.	NEW APPO SRI MOHIT		AR	•	Alter Table
<u>C</u> ALC	ULATE	<u>s</u> ave	PREVIOU	S <u>N</u> EXT	<u>D</u> DO Info	<u>R</u> eport	🗌 All Employee	e <u>E</u> XIT	0/P File	Format		•
	Salary	Income	ľ	1	Chapter VIA	ľ	Chapter '	VI A Contd	Ĵ	Income	Tax	1
									Gross	Qualifyin	g :	Rebate
14	Surcha	arge : l	V.A.									0
15	CESS	THERI	EON @3	% of (13-	-14) : N.A.	ł.						0
16	TAX P	AYAB	LE (13 t	o 15)								0
17	RELIE	F Und	er Sectio	n 89								
18	Net T	ax Pay:	able (16-	17)								0
19a	LESS	: TAX	DEDUC	TED AT	SOURCE							0
19b	2.2			2	r Section 1			-				
20		TAX P	AYABLE	/ REFUN	DABLE [18 - (19	a+19b)]					0

Figure 7.27



COSA

Page 165 of 277

Chapter – 08:ECS/EPS Etc.

MAIN MENU: ECS/EPS ETC.

COSA :	Main Menu											
MASTER	DIRECTORY	SALARY	ECS EPS etc.	QUERY	REPORTS	Oth.Repor	s Gr. D GPF	ADMIN	HELP	EXIT		
मत्यां	Co ia sai	ompute	How To Use B Bank MICR/IF Sponsor Bank Enployee Bar Credit Contra Data From Pa	SC Code Info. nk ACCOUN n/ Credit Re ny Accounts	T Details cords : (For RBI Oi		COSA)					
			SUPPLEMENT (OTH)er Loan SUPPLEMENT SET PAY BILL Advance Tax UA LEAVE-TA Data of OTHE Arrear Bill Income Tax A Leave Transa Leave Salary	ARY Salary Cheque De ARY Bill Key TYPE Deduction KEN STATU: R Bills Assessment Action	tails Data 5	per User				2:42:50 PM	1	
0			Income Tax A Leave Transa	ction	Su	per User				2:42:50 PN	1	

Figure 8.1



COSA

Page 166 of 277

ECS/EPS ETC.: HELP DESK

To be used in: Finance Department, Government of West Bengal

This Help Desk form explains about how to use the ECS/EPS Data.

	Government of West Bengal Urban Development Department	1.17
	HELP for ECS	AN
ELPf	for ECS / EPS	
Separat	te the ECS/EPS Bills and put 1 to ECS/EPS field to Master information of establishment	
insure	that your required Bank Branches are entered through Bank Branch Module.	
inter D	Data in Sponsor Bank Master Information. The Cheque will be issued to the Sponsor Bank & will appear	in the Pay Bill Outer Sheet.
nter B	BANK account information Employee wise in Personnel Information along with MICR Code, IFS Code.	
0.5299725-275	BANK account information Employee wise in Personnel Information along with MICR Code, IFS Code. Ite ECS/EPS report through Credit/Contra Module. ECS/EPS File is to be generated 1st. Then Employee	List File is to be generated.
enarat		
ienarat he abc	te ECS/EPS report through Credit/Contra Module. ECS/EPS File is to be generated 1st. Then Employee	1 Сору.
ienarat he abc	ite ECS/EPS report through Credit/Contra Module. ECS/EPS File is to be generated 1st. Then Employee ove two files are to be handed over to Sponsor Bank, the 1st File as Soft Copy and the 2nd File as Hard	1 Сору.
enarat he abc	ite ECS/EPS report through Credit/Contra Module. ECS/EPS File is to be generated 1st. Then Employee ove two files are to be handed over to Sponsor Bank, the 1st File as Soft Copy and the 2nd File as Hard	1 Сору.
ienarat he abc	ite ECS/EPS report through Credit/Contra Module. ECS/EPS File is to be generated 1st. Then Employee ove two files are to be handed over to Sponsor Bank, the 1st File as Soft Copy and the 2nd File as Hard	1 Сору.

Figure 8.2



COSA

Page 167 of 277

ECS/EPS ETC.: BANK MICR/IFSC CODE

To be used in: Finance Department, Government of West Bengal

This form defines the Bank Branch Master (MICR, IFS Code) details.

CINER DUI	IK Bralluli	Master	(MICR,	IFS Code)			and a strategy
City/Town	City Code E	ank Codi E	r. Code	Bank Name	Branch Name	Branch Add	IFSC Code
KOLKATA	700	002	000	STATE BANK OF INDIA	STATE BANK OF INDIA		
KOLKATA	700	002	001	STATE BANK OF INDIA	SERVICE BRANCH(SER)		
KOLKATA	700	002	002	STATE BANK OF INDIA	ALIPORE(ALI)	24/1/1/Ali.Rd.Kol-27	SBIN0000004
KOLKATA	700	002	003	STATE BANK OF INDIA	AMHERST STREET(AMH)		
KOLKATA	700	002	004	STATE BANK OF INDIA	B T ROAD(BTR)		
KOLKATA	700	002	005	STATE BANK OF INDIA	B K PAUL AVENUE(BKA)		
KOLKATA	700	002	006	STATE BANK OF INDIA	BAGHAJATIN BAZAR(BAJ)		
KOLKATA	700	002	007	STATE BANK OF INDIA	BAGHABAZAR(BAB)		
KOLKATA	700	002	008	STATE BANK OF INDIA	BAGMARI(BAM)		
KOLKATA	700	002	009	STATE BANK OF INDIA	BAGRI MARKET(BAM)		
KOLKATA	700	002	010	STATE BANK OF INDIA	BALLYGUNGE(BAL)		
KOLKATA	700	002	011	STATE BANK OF INDIA	BALLYGUNGE RLY.STATION(BL		
KOLKATA	700	002	012	STATE BANK OF INDIA	BEADON STREET(BNS)		
KOLKATA	700	002	013	STATE BANK OF INDIA	B D MILK COLONY(BDM)		
KOLKATA	700	002	014	STATE BANK OF INDIA	BELIAGHATA(BEL)		
KOLKATA	700	002	015	STATE BANK OF INDIA	BEPIN BEHARI GANGULY STREET		
KOLKATA	700	002		STATE BANK OF INDIA	BHOWANIPORE(BHW)		
	700	000	017	CTATE DANIZ OF INDIA			•

Figure 8.3



COSA

Page 168 of 277

ECS/EPS ETC.: SPONSOR BANK INFO.

To be used in: Finance Department, Government of West Bengal

In this form the Designated or Sponsor Bank Information are shown. Here you can add

Designated Bank name and all other details by clicking on <**ADD**> as per your requirements and then click on **SAVE**> to save records.

signated Bank	MICR Code	IFS Code	DDO Name	DDO Acct.No
ATE BANK OF INDIA	700002057	SBIN0003334	XXXX	1212121
22/02/2012		64.00	FVIT	14.49.00
22/02/2012	ADD	SAVE	EXIT	14:49:00
22/02/2012		SAVE	EXIT	14:49:00

National Informatics Centre

ECS/EPS ETC.: EMPLOYEE BANK ACCOUNT DETAILS

To be used in: Finance Department, Government of West Bengal

PUBLIC	MENT OF WEST BENGAL WORKS DEPARTMENT ee Bank Account Details				NI
Department	PUBLIC WORKS DEPARTMENT		•	Salary Month	February
Establishment	D.H. ELECL. SECTION, PWD			Salary Year	2012
Employee Code	Employee Name	MICR Code	IFS Code	Bank Account No	Bank Name
WORKS/WB/43265	SRI DEBANGSU SEKHAR PURKAIT	700002584	SBIN0009167	20096419883	STATE BANK
WCAWB/332	SRI GOURI SANKAR PANDA	700002568	SBIN0001319	31846048598	STATE BANK
NORKSAWB/41150	SRI GOUR MOHAN MONDAL	700002339	SBIN0010541	31850585218	STATE BANK
NORKS/N/B/36735	SRI ASHOKE KUMAR BANERJEE	700002584	SBIN0009167	20096419894	STATE BANK
NORKSANB/36656	SRI JAGADISH CHANDRA MAJHI	700002584	SBIN0009167	20096419827	STATE BANK
NCANB/318	SRI PRAMATHA NATH HALDER	700002584	SBIN0009167	20096419805	STATE BANK
SEDAWC/599	SRI RAMEN NASKAR	700002399	SBIN0012340	31845960811	STATE BANK
SEDAWC/576	SRI HRISHIKESH DAS	700002584	SBIN0009167	20096419918	STATE BANK
SEDAWC/618	SRI MAHADEV SANPUI	700002584	SBIN0009167	20096419816	STATE BANK
SED/WC/643	SRI INDRAJIT MONDAL	700002584	SBIN0009167	20096419838	STATE BANK
SEDAWC/627	SRI ASHOKE KUMAR GHOSH	700002572	SBIN0004701	31843637575	STATE BNK (
SED/WC/647	SRI ASHIS KUMAR MAHAPATRA	700002568	SBIN0001319	31846088767	STATE BANK
SEDAWC/633	SRI BIMAL CHANDRA DAS	700002584	SBIN0009167	20096419792	STATE BANK
SEDAWC/678	SRI PABITRA KUMAR MANNA	700002584	SBIN0009167	20096419872	STATE BANK
SEDAWC/639	SRI SATYA RANJAN PRANANICK	700002584	SBIN0009167	20096419781	STATE BANK
3ED/R/694	SRI MALAY MONDAL	700002584	SBIN0009167	20096419861	STATE BANK
NCED/IV/824	SRI PRADIP KUMAR GOSWAMI	700002584	SBIN0009167	20096419907	STATE BANK
NEW APPOINTMENT -	1 SRI RABINDRANATH MONDAL	700002336	SBIN0008772	32078000399	STATE BANK

Figure 8.5



COSA

Page 170 of 277

ECS/EPS ETC.: CREDIT CONTRA/CREDIT RECORDS

To be used in: Finance Department, Government of West Bengal

ECS/EPS FILE Generation Module

This form informs about the ECS/EPS File Generation. Select department, establishment, month, Year and sponsor then click on <QUERY> to get details. If you want to generate report for a Particular employee then give the employee code in the blank place and before It click on check box (Do You want?). Then click on <Next> to get record.

COSA	: ECS / EPS F	ile Generation Mo	odule							4,0001	
	SUBUR	NMENT OF WES BAN ELECTRICA ECS / EPS File	L DIVISIO		•					NI	C
Dep	partment/C.I.	All Departments				Month	Februa	ny 🔻	Year	2012	•
Est	b./Instt.	All Establishmer	nts			Sponsor	STATE	BANK OF IN			Ţ
Rar	nk Code			(Give employee co						
Dai	IN COUR	All Banks	**				<u>U</u> U	ERY			
Ente	r Employee Code	in below Textbox follo	owed by Clickin	g Next Bu	tton, if you want to g	jenerate repor	t for specif	010000000	Here to get		
Em	ip. Code				Next			L	Details		~
11					51 					Glea	ar
SI.	Name of the En	nployee	MIC	CR Code	IFS Code	Bank Ac	count No.	Gross (Rs.)	Ded. (Rs.)	Net (Rs.)	
1		SIAN ALI SARDER		0002002	SBIN0000004)8414626	14412	6968	7444	
2	SRI AJOY BAN	IERJEE	70	0002002	SBIN0000004	3190)8443238	19436	4148	15288	
3	SRI AMIT KUN	IAR DUTTA	70	0002002	SBIN0000004	3190)8440102	14813	3144	11669	
4	SRI AMLAN DI	EY	70	0002002	SBIN0000004	3190)4626088	20637	9630	11007	
5	SRI ARUN KU	MAR DAS	70	0002002	SBIN0000004	3190)4625007	19040	10190	8850	
6	SRI BIDHAN C	HANDRA HALDER	70	0002002	SBIN0000004	3190)4624467	18877	6658	12219	
7	SRI BIMAL MC	NDAL	70	0002002	SBIN0000004	3190)8437745	20332	8301	12031	
8	SRI CHANCH/	AL BANERJEE	70	0002002	SBIN0000004	3190)8433604	18845	2795	16050	-
						TOT	ALS	4759842	1782825	2977017	1
-	ary Settlement D /02/2012	ate O/P File For	mat	l. Genera	te ECS / EPS File	3. Ge	nerate Em	ployee List		E <u>X</u> IT	
	rder By Employ enerate with 🧿	1794		3enerate	ECS / EPS Mandat	e 4. V	lerify ECS	ł EPS File		- <u></u> 11	
			252605								

Figure 8.6



National Informatics Centre

COSA

Page 171 of 277

ECS/EPS ETC.: SUPPLEMENTARY BILL

To be used in: Finance Department, Government of West Bengal

Salary Month Salary Year	2012	 Department Establishment 	PUBLIC WORKS DEPARTM B.G.L. EL. SEC., PWD	
GPF Account I	No. SED/WC/	572	SRI BIJOY KUMAR SHOW	
	G 1	entary Bill for **		
	Suppleme	entary Bill for	Days Out of ** L	Days <u>O</u> K
PAY TYPE			ELIGIBLE : Full Month	QUALIFYING (Rs.)
				77

Figure 8.7



COSA

Page 172 of 277

ECS/EPS ETC.: INCOME TAX ASSESSMENT

To be used in: Finance Department, Government of West Bengal

SUBU	RNMENT OF WEST RBAN ELECTRICAL ne Tax Assessment	DIVISION,PWD			NIC
Financial Year Res. Address	2011-2012 P F	Acct No. NCEDWC483	- F	me <mark>SRI GOUR CHAN</mark> PAN	
Earnings >	Deduction >	Rebate U/S 88 (Savings) :	HRA Exe	emption > Calcula	te and Print Statement
Basic Pay Dearness Pay	116920	+/- Toggle	otal	Total Gross Income Less Professional T	iax 190376
DA HRA	52136 21320	Betwen Income/ Loss (-)		Total Income (Salar)) 188816
Tpt All	0				
CCA	0	Interest From NSC		0	
	0	Income / Loss from House	Property	0	
Others			-	0	

Figure 8.8

This form defines about the Income Tax Assessment. It has Earnings, Deduction, Rebate U/S 88(Savings), HRA Exemption and Calculate & Print part. You can get those parts by clicking on the tabs.



ECS/EPS ETC.: UA LEAVE TAKEN STATUS

Unauthorized leave Taken Status

To be used in: Finance Department, Government of West Bengal

This form provides information about unauthorized leave taken status for particular establishment.

arce.	UNAUTH	IORISED LEAVE TAK	EN STATUS			NIC
Sa	alary Month	February -	Department	PUBLIC WORK	(S DEPARTMENT	
Sa	alary Year	2012 -	Establishment	ELECTRICAL	CONSTN. SEC V, PWD	
		Employee Name		No. of Days	G.P.F.Account No).
۲	SRI NEMAI CH	IANDRA SEPAI		0	SED/WC/561	
	SRI PARSURA	M PROSAD MAHATO		0	SED/WC/542	
	SRI UTPALEN	DU MONDAL		0	WORKSAWB/39848	
	SRI NITYAGO	PAL KUNDU		0	SED/WC/612	
	SRI ANANTA I	KUMAR PANDA		0	WC/WB/269	
	SRI BASUDEE	BAGH		0	SED/WC/563	
	SRI ASOKE K	UMAR GHOSH		0	SED/WC/636	
	SRI RAMKRIS	HNA SANTRA		0	WC/WB/246	
	MD. EBADAT	MONDAL		0	WC/WB/247	

Figure 8.9

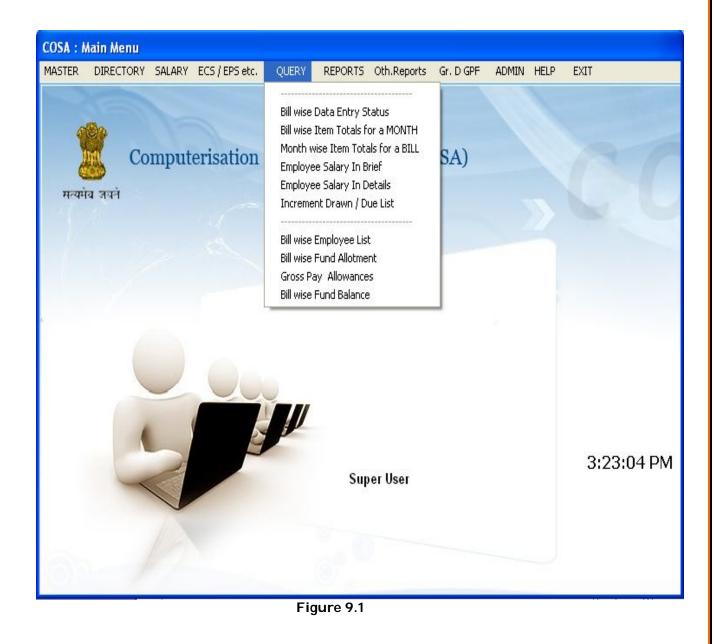


Chapter - 09: Query

QUERY

Query Menu

To be used in: Finance Department, Government of West Bengal **Purpose**: This form shows the sub menus under query.





COSA

Page 175 of 277

QUERY: BILLWISE DATA ENTRY STATUS

CHECK CURRENT SALARY MONTH (Screen: 75)

To be used in: Finance Department, Government of West Bengal **Purpose**: This form provides details of current salary month i.e. month upto which salary data is entered into the database.

COSA : Check Current Salary Month

GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISION,PWD COSA : Check Current Salary Month

NIC

Month Upto which Salary Data is entered into the Database

SI.No.	Department	Establishment	Month & Year	TotNo.
1	PUBLIC WORKS DEPARTMENT	EXCV. ENGGR I & II	February, 2012	0
2	- Do -	DAO OF O/O EE, SED, PWD	February, 2012	0
3	- Do -	ALIPORE EL. SUB-DIVN., PWD	February, 2012	0
4	- Do -	BHABANI BHAWAN EL. SEC., PWD	February, 2012	0
5	- Do -	B.G.L. EL. SEC., PWD	February, 2012	0
6	- Do -	JUDGES COURT EL. SEC., PWD	February, 2012	0
7	- Do -	SSKM(H) EL. SUB-DIVN., PWD	February, 2012	0
8	- Do -	SSKM(H) EL. SEC. II, PWD	February, 2012	0
9	- Do -	ELECTRICAL CONSTN. SEC V, PWD	February, 2012	0
10	- Do -	SSKM(H) ELECL. SEC. NO.I	February, 2012	0
11	- Do -	V.H. ELECL. SUB-DIVISION, PWD	February, 2012	0
12	- Do -	D.H. ELECL. SECTION, PWD	February, 2012	0
13	- Do -	V.H. ELECL. SECTION, PWD	February, 2012	0
14	- Do -	BEHALA ELECL. SECTION, PWD	February, 2012	0
15	- Do -	EE-I&II, SUBURBAN EL. DIVN., PWD	November, 2011	9

Figure 9.2



COSA

QUERY: MONTH WISE ITEM TOTALS FOR A BILL

MONTH WISE SALARY TOTALS OF A BILL (Screen: 75)

To be used in: Finance Department, Government of West Bengal Purpose: This form provides details of current salary month. Select proper department, establishment and financial year then click on <Query> to get month wise salary totals of a bill.

	SUBUR	RNMENT OF WEST BE RBAN ELECTRICAL DI H WISE SALARY TOT	VISION,PWD				NI
Depar	tment	PUBLIC WORKS DEP	ARTMENT	•	Financial Year	QUERY	E <u>X</u> IT
Estab	lishment	B.G.L. EL. SEC., PWI	0	•	2011-2012	(Am	ounts in Rs.
SI.		Salary Month	Gross Salary	Deductions	Net Salary O	/Acct.Dedctn.	Click Here
1	Ма	arch , 2011-2012	204784.00	58665.00	146119.00	0.00	146119.00
2	A	pril , 2011-2012	204784.00	56835.00	147949.00	0.00	147949.00
3	M	lay , 2011-2012	204784.00	52316.00	152468.00	0.00	152468.00
4	յլ	une , 2011-2012	204784.00	52316.00	152468.00	0.00	152468.00
5	J	uly , 2011-2012	210874.00	51356.00	159518.00	0.00	159518.00
6	Au	gust , 2011-2012	210874.00	51356.00	159518.00	0.00	159518.00
7	Sept	ember , 2011-2012	210874.00	46856.00	164018.00	54181.00	109837.00
8	Oct	ober , 2011-2012	210874.00	48106.00	162768.00	47820.00	114948.00
9	Nove	mber , 2011-2012	210874.00	42106.00	168768.00	45262.00	123506.00
10	Dece	mber , 2011-2012	192064.00	41968.00	150096.00	47622.00	102474.00
11	Jan	uary , 2011-2012	204648.00	42988.00	161660.00	47099.00	114561.00
12	Feb	ruary , 2011-2012	185803.00	42850.00	142953.00	50752.00	92201.00
			2456021.00	587718.00	1868303.00	292736.00	1575567.00

Figure 9.3



COSA

Page 177 of 277

QUERY: EMPLOYEE SALARY IN BRIEF

SALARY BILL GIST (Screen: 75)

To be used in: Finance Department, Government of West Bengal **Purpose**: This query form provides information of gist salary bill. It shows gross salary, Deduction & Net Salary for a particular Establishment in a given month & year.

JO ISA	ERNMENT OF WEST BENGAL IC WORKS DEPARTMENT RY BILL GIST			NIC
)epartment	PUBLIC WORKS DEPARTMENT	- Salary	Month February	
Establishment	B.G.L. EL. SEC., PWD	✓ Salary	Year 2012	EXIT Click
SI. Name of t	he Employee	Gross Salary (Rs.)	Deductions (Rs.)	Net Salary (Rs.)
1 SRI DILIP	KUMAR DAS	18624	7500	11124
2 SRI SANT	TRAM MONDAL	19788	5138	14650
3 SRI KANA	II DAS	19436	8138	11298
4 SRI BISW	ANATH SARKAR	19101	4138	14963
5 SRI SANT	OSH KUMAR SAHA	19773	4138	15635
6 SRI LAKS	HMI KANTA BISWAS	19436	6138	13298
7 SRI KANA	I LAL MAITY	0	0	0
8 SRI SANH	(AR KUMAR GHOSH	14412	1120	13292
9 SRI BIJO	Y KUMAR SHOW	15037	1140	13897
10 SRI DEBA	ISIS MUKHERJEE	14604	2660	11944
11 SRI JHAN	TU DAS	14412	1620	12792
12 SRI PULA	K CHAKRABORTY	11180	1120	10060
		185803	42850	142953

Figure 9.4



COSA

QUERY: EMPLOYEE SALARY IN DETAILS

Query: SALARY DETAILS SNAPSHOT (Screen: 75)

To be used in: Finance Department, Government of West Bengal **Purpose**: This provides details salary bill. You can get Basic pay, dearness allowances, different deductions, & net salary information for particular employee. You have to first select department then establishment and then proper month and year. Then click on <QUERY> to get the salary in details.

rm3						
PUBLI	RNMENT OF WEST BENGAL IC WORKS DEPARTMENT RY DETAILS SNAPSHOT				NIC	
Department	PUBLIC WORKS DEPARTMEN	Т	Salary Month	February		
Establishment	B.G.L. EL. SEC., PWD		Salary Year	2012	▼ E <u>X</u> IT	
SI. Name of th	e Employee	Item			Amount (Rs.)	Click He
	KUMAR DAS	Basic Pay			9340	
		Dearness Alle	owance		5238	
		House Rent A	llowance		1746	
		Grade Pay			2300	
		GROSS SAL	ARY		18624	
		PF Subscript	ion		1000	
		PF Loan Rec	overy		1250	
		State GIS Ins	urance 1983		3	
		State GIS Sav	/ings 1983		5	
		Professional	tax		130	
		U.B.I., HBL			5112	
		TOTAL DEDU	CTION		7500 🚽	
•					F	
		185803		[142953	
	L			L		

Figure 9.5



COSA

QUERY: INCREMENT DRAWN /DUE LIST

Query: PAY INCREMENT MONTH SCREEN (Screen: 76)

To be used in: Finance Department, Government of West Bengal **Purpose**: This is pay increment screen. You can get increment information for each employee for a given month & year. You have to first select department then establishment and then proper month and year. Then select Incr. Date Type Due/Drawn .Then click on <QUERY> to get the salary in details.

		February Due Date Incr.Amt.	2012
SI.No. PF Code Employee Name 1 WC/WB/286 SRI DILIP KUMAR DAS 2 SED/WC/540 SRI SANTI RAM MONDAL	Basic Pay		
1 WC/WB/286 SRI DILIP KUMAR DAS 2 SED/WC/540 SRI SANTI RAM MONDAL		Incr Amt	
2 SED/WC/540 SRI SANTI RAM MONDAL	0240		Incr.Due or
	3340	350	01/07/2012
2 WC6//PM70 CPI // ANAL DAG	9880	370	01/07/2012
3 WUWDIZIS SRI KANALDAS	9860	360	01/07/2012
4 WC/WB/283 SRI BISWANATH SARKAR	9650	360	01/07/2012
5 WC/WB/302 SRI SANTOSH KUMAR SAHA	10070	370	01/07/2012
6 WC/WB/308 SRI LAKSHMI KANTA BISWAS	9860	360	01/07/2012
7 SEDAWC/537 SRI KANAI LAL MAITY	9490	350	01/07/2012
8 SED/R-680 SRI SANKAR KUMAR GHOSH	7020	270	01/07/2012
9 SEDAWC/672 SRI BIJOY KUMAR SHOW	7410	280	01/07/2012
10 SEDAWC/673 SRI DEBASIS MUKHERJEE	7140	270	01/07/2012
11 SED/R-681 SRI JHANTU DAS	7020	270	01/07/2012
12 WORKS/WR/45528 SRI PIII AK CHAKRABORTY	5100	210	01/07/2012





National Informatics Centre

COSA

Page 180 of 277

User Manual for COSA

QUERY: BILL WISE EMPLOYEE LIST

Query: PERSONNEL DETAILS INFORMATION (Screen: 77)

To be used in: Finance Department, Government of West Bengal **Purpose**: This form shows personnel Details Information. First select department, establishment, month, year then Click <Show Details> to see the detail employees' information. Scroll the grid to the right to see all personnel information. You can export the report into excel by clicking on the button <Export To Excel>.

PUBLI	RNMENT OF WEST BENGAL C WORKS DEPARTMENT ONNEL DETAILS INFORMATION				NIC
Department	PUBLIC WORKS DEPARTMEN	T	•	Salary Month	February 💌
Establishment	B.G.L. EL. SEC., PWD		-	Salary Year	2012 👻
List only Emp	p. Code & Name		🗆 Li	st only those	Retiring on this Month
		<u>S</u> how Detail	<u>Е</u> хро	rt to Excel	<u>E</u> xit to Main Menu
		Figure 9.7			
			Click Here		
	_				
NATIONAL INFORMATICS CENTRE THE IT SUPPORT PROFESSIONAL	8	COSA			
National Inform	natics Centre			Page 18	1 of 277

QUERY: BILLWISE FUND ALLOTMENT

Query: ON FUND ALLOTMENT SCREEN (Screen: 78)

To be used in: Finance Department, Government of West Bengal **Purpose**: This form provides information about Query wise fund allotment for a given financial year. Select proper financial year in which you want to get information about fund allotment.

<u> </u>	GOVERNMENT OF WI GUBURBAN ELECTRI Query On Fund Alloti	CAL DIVISION,	PWD		NIC
		Fina	Incial Year	2011-2012 🔽	
		й. 	W.C.		
		[NEXT	Total Amount(Rs):
		EXIT	NEXT	Contraction of the second	
			igure 9.8		

National Informatics Centre

COSA

QUERY: GROSS PAY ALLOWANCES

Query: ON FUND EXPENDITURE (Screen: 79)

To be used in: Finance Department, Government of West Bengal **Purpose**: This form provides information about on Fund Expenditure for a particular financial year. Scroll the grid to right to see total information. Select proper financial year in which you want to get information about fund expenditure.

qru_finar	ncial _year					
	GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISION Query On Fund Expenditure					NIC
	Financial Year :	2011-2012	T			
		Month	Year	Major_Head	Sub_major_Head	Mino
1						<u> </u>
		EXIT	NEX	Т		

Figure 9.9

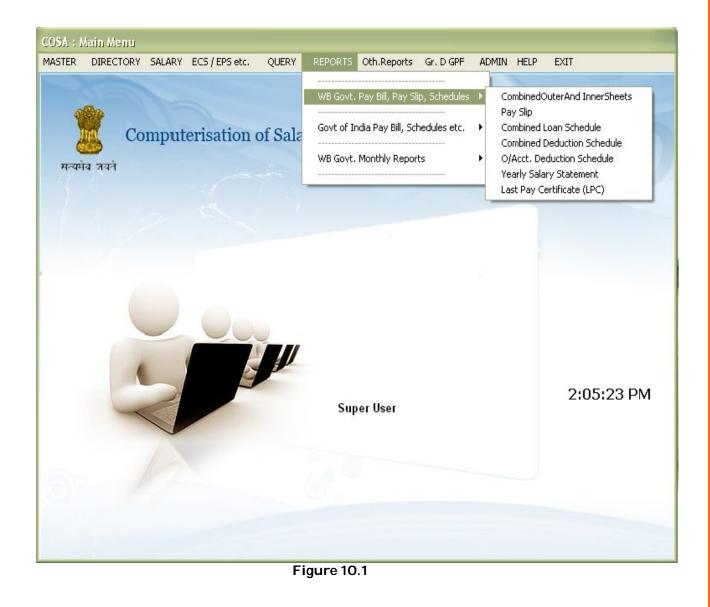


Chapter – 10: Reports

REPORTS

MAIN MENU: REPORTS (Screen: 80)

To be used in: Finance Department, Government of West Bengal **Purpose**: This is the menu structure. This screen shot shows the sub menus of REPORT menu.





COSA

Page 184 of 277

REPORT: WB GOVT. MONTHLY REPORTS: PAY BILL INNER & OUTER

Government of West Ber SUBURBAN ELECTRICAL Generation Module for P	DIVISION,PWD	N
Department	PUBLIC WORKS DEPARTMENT	•
Establishment	B.G.L. EL. SEC., PWD	•
Pay Year	2012	
Pay Month	February 🔽	
Bill No. & Date	424of11-12 * Dt. 20/02/2012	•
Cheque in fav. of	STATE BANK OF INDIA	•
Output File Format	MSWord Show Page Brought Forward ?	
Show OTH Loan Type Print Acting Arrangem		
	Line Nos. / Employee	10
Print Bill No. / Bill Date '	? 🔽 Two Part (A4) ? 🗖 Line Nos. / Output Page	45
Sectt. Bill No Format For Correct Format, Fo	Include Page Eject Character ont Size should be : 8 Print Expend. Including This B	ACG854 51022C
Outer	Inner Generate Outer And Inner E	хіт

Figure 10.2



COSA

Page 185 of 277

GENERATION MODULE FOR PAY BILL OUTER SHEET (Screen: 83)

To be used in: Finance Department, Government of West Bengal **Purpose**: To generate Pay Bill Outer Sheet first select department, establishment, year, month, bill no & date, then Click <Outer Sheet> button to create & see the pay bill outer sheet report. This report is in text format. You can select the output file format as your requirement.

(J.R. Form No.18). PAYBILL : (Vide T.R.No.4 Pay Bill of Permanent/Temp. Establishment (of B.G.L. EL. SEC., PWD	[B12005]	tor the month FEBRUARY, year 2012	
+	∣Pay&Allowances Amou	nt in Rs.	+	General)
EXECUTIVE ENGINEER-I SUBURBAN ELECTRICAL DIVISIONRMD	01 - Band/Basic Pay 14 - Grade Pay	92350 21900	+	
	Pay (Total) 	114250	 + (B) Total Deduction (Part-I)	29250.00
J Department Code: 03 - House Rent Allowa Demand No.: 12 - Medical Allowance	ande 17139 (C) Treasur	y Gross	 (A-B) 156553.00 + [As per G. Che	
Token/TV No"ል ቢቲ:	Allowances (Total)	71553	+ Part-II (To be adjusted by Treasury LPAO	
Centified that is	A. Gross Payment	185803	+ 8009-01-101-002-19 G.P.F. (Group-D) 0028-00-107-001-03 Protessional tax + 8011-00-107-001-19State GIS Insurance 1983	1350.00
	Allotment during Fin. Year 2	011-2012:-	8011-00-107-002-19 State GIS Savings 1983 8011-00-107-004- <u>19State</u> GIS Insurance 1987 + 8011-00-107-005-19 State GIS Savings 1987	15.00
as per rates approved by the Govt. and halt-wearlyveritication of rent has been made by the controlling officer.	 Tot. Allotment till Date(A)		 (D) Total Deduction (Part-II)	8488.00
No house rent allowance has been drawn	Expend. Incld. this Bill(B)			148065.00
cent free government quarters. 3. Dearness pay and /or any other kind of pay, dearness allowance, med.allowance			(Rupees One Lakh(s) Forty Eight Thousand Sixty Fiv 	-
and other allowances have been claimed as per approved rate of the <u>Govornment</u> .	l		- Acting Arrangement	
4. Increment pay on promotion, leave	G. Cheque Details:		Designation Sanctd. Fill +	+
claimedin the bill as per existing cula & orders and noted in the service books, where necessary. 5. Allpec.sons, whose names are omitted	2. U.B.I., Alapore Br. 3. RMD(EL)WORKERSCOPCRSOLTD	5112	Data Missing in the Acting Arrangement Tab 	le

Figure 10.3



National Informatics Centre

COSA

Page 186 of 277

GENERATION MODULE FOR PAY BILL INNER SHEET (Screen: 84)

To be used in: Finance Department, Government of West Bengal

Purpose: To generate Pay Bill Inner Sheet first select department, establishment, year, month, bill no & date, then Click <Inner Sheet> button to create & see the report. This report is in text format. You can select the output file format as your requirement.

TEXT REPORT: PAY BILL INNER

To be used in: Finance Department, Government of West Bengal **Purpose**: This is the text report format of Pay Bill Inner.

PAY BILL INNER SHEET

Department : PUBLIC WORKS DEPARTMENT, GOVERNMENT OF WEST BENGAL, 75, DIAMOND HARBOUR ROAD, KOLKATA-23 Establishment : B.G. Head of Account, 2059-80-001-NP-004-V-01 D.D.O. Designation : EXECUTIVE ENGINEER-I D.D.O. Code : CAC-PWE-013 Pay Month & Year: EquipmarX..., 2012 Bill No. & Date : B12005

	lProvident A/c Name of Incumb				DUES				.Total Due	 		DEDUCT	TONS	& RECO	VERIES		Total		Net Angunt
1	l	2	I	3	4	I.	5	I.	6	I.	7	I.	8	1	9		10	I	11
	+ WC/WB/286	,	GCR.CIBE :	93401		1		1	18624	IPF :	100	00 PTX:	13	0 PFrc:	1250(5/24)	1303	8	5586
	SRI DILIP KUMA		Gre :	2300		1		1		183:		3		LIBI	5112(52/84)	1	1	
	Electrician		IDA.:	5238		1		1		583:		51		COP :	5538		1	1	
	(5400-25200)		(HRA:	1746		1		1		1		1		1			1	1	
	l i i i i i i i i i i i i i i i i i i i		1	1		1		1		1		1		1			1	1	
	L		1	1		1		1		1		1		1			1	1	
	I		1	1		1		1		1		1		1			1	1	
	l i i i i i i i i i i i i i i i i i i i		1	1		1		1		1		1		1			1	1	
	l i i i i i i i i i i i i i i i i i i i		1	1		1		1		1		1		1			1	1	
	l i i i i i i i i i i i i i i i i i i i		1	1		1		1		1		1		1			1	1	
	I		I.	1				1		1		1		1			I.	I	
 Z	+	,	Grp.CIBE :	98801		+			19788	IPF :	500	00 PTX:	13	0 COP :	85 38		1367	6 6	611.2
	SRI SANTI RAM	MONDAL	GrP.:	2300		1		1		I83 :		3		1			1	1	
	Electrician		IQA	5481		1		1		583:		51		1			1	1	
	(5400-25200)		(HRA:	1827		1		1		1		1		1			1	1	
	l i i i i i i i i i i i i i i i i i i i		INA	300						1		1					1	1	
	l i i i i i i i i i i i i i i i i i i i		1	1		1		1		1		1		1			1	1	
	l .		1	1		1		1		1		1		1			1	1	
	l .		1	1		1		1		1		1		1			1	1	
	L		1	1		1		1		1		1		1			1	1	
	l i i i i i i i i i i i i i i i i i i i		1	1		1		1		1		1		1			1	1	
	1		1	- I		1		1		1		1		1			1	1	

Figure 10.4



COSA

Page 187 of 277

REPORT:WB GOVT. MONTHLY REPORTS:PAY SLIP

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for pay slip for a particular establishment on given month & year. To generate report for pay slip first select department, establishment, year, month, then Click <Generate> button to create & see the report. This report is in MSword format.

REPORT GENERATION MODULE FOR PAY SLIP(Screen: 85)

Department	PUBLIC WORKS DEPARTMENT
Employee Seclection	 Establishment Wise Section Wise Total Department B.G.L. EL. SEC., PWD
Pay Year & Month	2012 February
Pay Slip Initial SI. No.	001
Pay Slip For	• All Employees As Per Selection
Designation as per department 🛛 🔽	 ○ Employees YET To Take Salary ○ A Particular Employee
Include Page Eject Character ? 🛛 🔽	
Pay Slip With Cumulative 🔽	
Output File Format MSWord 💽 वि	ERATE PRINT EXIT

o be	used ii	n: Finan	ce De	partme	ent, Gove	ernm	ient of \	West Be	engal			
					GOVERNMENT LB URBAN ELECTI							∢IC-COSA⊳
Departn GRE.A(S PAN Name Designa Scale	ation	PUBLIC WORKS D WC/WB/286 ANRPD3394E SRI DILIP KUMA ELECTRICIAN 5400-25200		75,	DIAMOND HARB			}	Bill Date Token No. Token Dat		2012	001
GROUP	: Earnings			Deductio		ary, 20		ecoveries	B.G.L. EL	. SEC., PWD	lout /Acc	t.Ded(Rs.)
Ttem	- Angunt	Cumulative	Ttem		Cumulative	Ttem			Cumulative	Balance	Item	Amount
LBP LBP LDA LHBA	9340.00 2300.00 5238.00 1746.00	110720.00 27600.00 50740.00 20748.00	PF 183 583	1000.00 3.00 5.00 130.00	+	+ PF	5/24	1250.00 5112.00	6250.00 265824.00	23750.00 168696.00	COP	5538.00
 LTet	18624.00	209 808 . 00	Tot	1138.00	13656.00	Tot		6362.00	 			5538.00
BP:Basic	Pay * GrP:	0 (Rupees Five Grade Pay * D/ onal tax * UBJ	\:Dearnes	s Allowanc	e * HRA:House	Rent A		(83:State G	IS Insurance 1	983 * 583:St	ate GIS	Savings -

User Manual for COSA

TEXT REPORT ON PAY SLIP(Screen: 86)

EXECUTIVE ENGINEER-I

Figure 10.6



COSA

Page 189 of 277

REPORT:WB GOVT. Pay Bills,Pay Slips,Schedules:Combined Loan Schedules

To be used in: Finance Department, Government of West Bengal

Purpose: This screen is used to generate report for Combined Loan Schedules for a particular establishment on given month & year. To generate report for Combined Loan Sehedules first select department, establishment, year, month,Bill No & Date then Click <Generate> button to create & see the report. This report is in MSword format.

REPORT GENERATION MODULE FOR COMBINED LOAN SCHEDULES (Screen: 87)

	BAN ELECTRICAL DIVISION,PWD tion Module for Loan Schedules		MIC
	Select Department	PUBLIC WORKS DEPARTMENT	
	Select Establishment	B.G.L. EL. SEC., PWD	
	Select Year	2012 Print Bill No. / Bill Date ? N -	
	Select Month	February Print Input Statement ?	
	Select Bill No. & Date		
	ems for which you want to generate the S D. Salaw, Loan Bons		
ode SELECTE	D Salary Loan Items	>> > Code REJECTED Salary Loan Items 01 House Building Loan-I	
24 0.0.1, 110	-	< < < 02 House Building Loan-II	
		13 Interest on H.B. Loan - 1 Refresh	
	GENERATE	<u>P</u> RINT <u>E</u> XIT	
	Cli	ck Here	
	E i au	ure 10.7	



COSA

TEXT REPORT ON COMBINED LOAN SCHEDULE (Screen: 88)

To be used in: Finance Department, Government of West Bengal

Form No.	: ANNEXURE - 3				
Schedule for	: Repayment Broadsheet in res	pect of U.B.I	HBL		
Department	*****		ST BENGAL		
	75, DIAMOND HARBOUR ROAD				
	: B.G.L. EL. SEC., PWD [2059	-80-001-NP-004	∔-V-01]		
	in: Eebruary 2012				
Cheque.No.					
Bill No. & Date					
	Name				
	signation & Loan Acct. No.				
1 1 SRI DIL	IP KUMAR DAS	434520	265 824	52/84	5112
Electri	cian	1			1
l l		1			l.
+		-+	++		+
I I		GRAND TO	DTAL		511.2
++		-+	++		+
(.Total : Rupees	Five Thousand One Hundred Tw	elve Only)			

 Date::
 (Signature of EXECUTIVE ENGINEER-I)

 ------+
 ** 3:03:20 PM...23/02/2012 ** COSA : N.I.C., WBSC ** Page No. : 1 **

Figure 10.8



National Informatics Centre

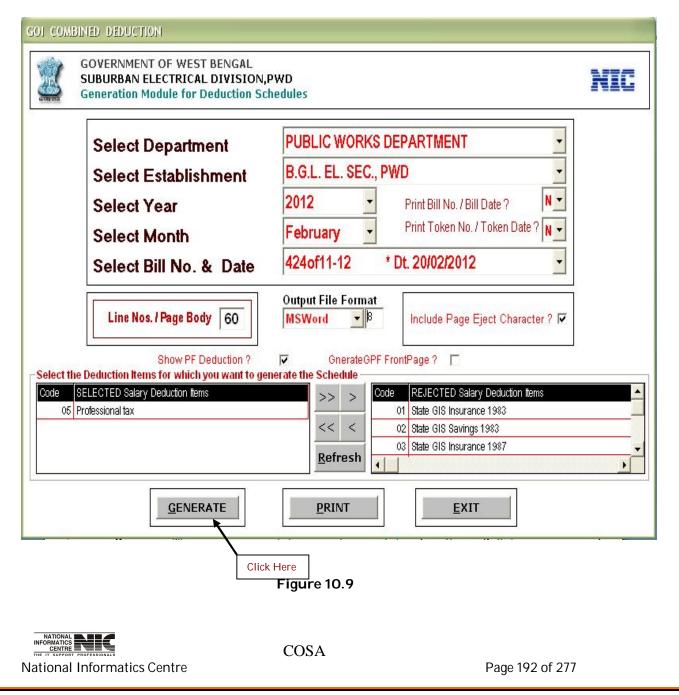
COSA

Page 191 of 277

REPORT:WB GOVT. Pay Bills,Pay Slips,Schedules:Combined Deduction Schedules

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for Combined Deduction Schedules for a particular establishment on given month & year. To generate report for Combined Loan Schedules first select department, establishment, year, month,Bill No & Date then Click <Generate> button to create & see the report. This report is in MSword format

REPORT GENERATION MODULE FOR COMBINED DEDUCTION SCHEDULES(Screen: 89)



TEXT REPORT ON COMBINED DEDUCTION SCHEDULE (Screen: 90)

To be used in: Finance Department, Government of West Bengal

Schedule for : PROFESSIONAL TAX Head of Account 0028-00-107-001-03-00 Department : PUBLIC WORKS DEPARTMENT 75, DIAMOND HARBOUR ROA Establishment : B.G.L. EL. SEC., PWD (D.D.O. Code : CAC-PWE-013 Pay Month & Year: Establishmer() 2012 Bill No. & Date:	D_KQLKATA-23 2059-80-001-NP-004-V-01 J	
ໂ	Designation	LAmaunt (
+ 1,↓ SRI DILIP KUMAR DAS	Electrician	130.00
2L SRI SANTI RAM MONDAL	Electrician	130.00
	Assistant Electrician	130.00
4 SRI BISWANATH SARKAR	Sr. Pump Operator	130.00
+ ŞL SRI SANTOSH KUMAR SAHA	Sentor Workman	130.00
+	Sentor Workman	130.00
+ &L SRI SANKAR KUMAR GHOSH	Workman	110.00
9,↓ SRI BIJOY KUMAR SHOW	Sentor Workman	130.00
10 SRI DEBASIS MUKHERJEE	Workman +	1 110.00
	Workman	110.00
	 Workman 	110.00
+	+	++ ا المائی،1350

Figure 10.10



National Informatics Centre

COSA

Page 193 of 277

REPORT:WB GOVT. Pay Bills,Pay Slips,Schedules:O/Accnt. Deduction Schedules

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for O/Accnt. Deduction Schedules for a particular establishment on given month & year. To generate report for Combined Loan Sehedules first select department, establishment, year, month,Bill No & Date then Click <Generate> button to create & see the report. This report is in MSword format.

REPORT GENERATION MODULE FOR O/ACCNT. DEDUCTION SCHEDULES(Screen: 91)

GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISIO Generation Module for Out-of-Acc		NIC
Select Department	PUBLIC WORKS DEPARTMENT	
Select Establishment	B.G.L. EL. SEC., PWD	
Select Year	2012 -	
Select Month	February -	
Select Bill No. & Date	424of11-12 * Dt. 20/02/2012 -	
Include Page Eject Character ? 🔽	Line Nos. / Output Page 60	
elect the Loan Items for which you want to gene Code SELECTED Salary Loan Items 02 Co-operative	erate the Schedule Schedule Schedule Schedule Schedule Code REJECTED Salary Loan Items Refresh	
Output File Format MSWord		
	Click Here	
	Figure 10.11	
	COSA	

TEXT REPORT ON O/ACCNT. DEDUCTION SCHEDULE(Screen: 92)

To be used in: Finance Department, Government of West Bengal

Schedule for : CO-OPERATIVE Department : GOVERNMENT OF WEST BENGAL_PUBLIC WORKS DEPARTMENT Establishment : B.G.L. EL. SEC., PWD [_2059-80-001-NP-004-V-01] D.D.O. Code : CAC-PWE-013 Pay Month & Year: Eabnuary 2012 Bill No. & Date: 4240f11-12, 20/02/2012

any Designation	Amount (Rs.)
Electrician	5538.00
Electrician	8538.00
Assistant Electrician	2730.00
Sr. Pump Operator	8277.00
Senior Workman	100.00
Senior Workman	5835.00
Workman	3385.00
Senior Workman	4475.00
Workman	5 889 .00
Workman	5945.00
Workman	40.00
GRAND TOTAL	
	Electrician Electrician Assistant Electrician Senior Workman Senior Workman Workman Workman Workman

Qate..: (Signature of D. D. O.) ** 3:57:56 <u>PM...23</u>/02/2012 ** COSA : N.I.C., WBSC ** Page No. : 1 **

Figure 10.12



National Informatics Centre

COSA

Page 195 of 277

REPORT:WB GOVT. Pay Bills,Pay Slips,Schedules:Yearly Salary Statement

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for Yearly Salary Statement for a particular establishment on given month & year. To generate report for Combined Loan Sehedules first select department, establishment, year, month,Bill No & Date then Click <Generate> button to create & see the report. This report is in MSword format.

REPORT GENERATION MODULE FOR YEARLY SALARY STATEMENT(Screen: 93)

	Department	PUBLIC WORKS DEPARTMENT	
	Establishment	B.G.L. EL. SEC., PWD	
	Financial Year	2011-2012 Include Page Eject Character ?	
	Pay Month	February -	
	Employee Code	SED/WC/537	
		SRI KANAI LAL MAITY	
Ge	eneration Process ma	ay take considerable amount of time Please wait !	

Figure 10.13



COSA

Page 196 of 277

User Manual	for	COSA
-------------	-----	------

TEXT REPORT ON YEARLY SALARY STATEMENT (Screen: 94)

To be used in: Finance Department, Government of West Bengal

Report on : YEARLY SALARY STATEMENT FOR THE FINANCIAL YEAR 2011-2012 : PUBLIC WORKS DEPARTMENT, GOVERNMENT OF WEST BENGAL Department 75, DIAMOND HARBOUR ROAD, KOLKATA-23 Establishment : B.G.L. EL. SEC., PWD [_2059-80-001-NP-004-V-01] Pay : 2012 : FEBRUARY Pay month | B.P. | D.P. | O.P. | D.A. J.I.R. | H.R.A. J.M.A. | T.A. |CCA/HCA| O.A. | Other |Gross Pay| G.I.S. | P.Jax | CGHS | Lig. Eee | J.Jax | PF Sub | Pay | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 23 ----+ Employee <u>Name...</u>; SRI KANAI LAL MAITY G.P.E.Acct. No. : SED/WC/537 ----+ 144147 | ----+

Figure 10.14



COSA

Page 197 of 277

REPORT:WB GOVT. Pay Bills,Pay Slips,Schedules:Last Pay Certificate(LPC)

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for Last Pay Certificate(LPC) for a particular establishment on given month & year. To generate report for Combined Loan Sehedules first select department, establishment, year, month,Bill No & Date then Click <Generate> button to create & see the report. This report is in MSword format.

REPORT GENERATION MODULE FOR LAST PAY CERTIFICATE(LPC) (Screen: 95)

SA : Generation of Last Pay Certificate	(LPC)	
GOVERNMENT OF WEST BEI SUBURBAN ELECTRICAL DI Generation Module for Last	VISION,PWD	IIC
Department	PUBLIC WORKS DEPARTMENT	
Employee Seclection	 Establishment Wise Section Wise Total Department B.G.L. EL. SEC., PWD 	LPC
LPC Year & Month	2012 • February • 2011-2012	Data Entry
LPC For	 All Employees As Per Selection A Particular Employee 	
Select Employee	SEDAVC/537 : SRI KANAI LAL MAITY	
Output File Format MSWord 🚽 10		-
	Click Here	÷
	Figure 10.15	
NATIONAL CENTRE NUIC I'T SUPPORT PROFESSIONALS Ional Informatics Centre	COSA Page 198 of 277	

TEXT REPORT ON LAST PAY CERTIFICATE(LPC) (Screen: 96)

To be used in: Finance Department, Government of West Bengal

Name Of Name Qf			cule(1) AN ELEC IVE ENC	SINEER-I	.081] SION.RMD		≺NIC-COSA>
Designa GRE A/S PAN Office Bill He Band Pa	i.NR ead Qf Accour		WORKM4 /537 WORKS	N DEP AR TMENT	COSA Id Employe Grade P	e Graup.	,, C
2. Sala	ary Paid up 1	to :		at the follo	wing nates	-	
	Earnings	(Rs.)		Deduction	ns(Rs.)	Out/Acc	Ded(Rs.)
Item .	Angunt.	Cumulative 2011-2012		Amou rit	Cumulative 2011-2012	Item	Amount
LBE LGCE LRA LHBA	9490.00 2100.00 5216.00 1739.00	23100.00	183 583 PTX	5.00	33.00	COP	50.00

 MA
 300.00
 3300.00
 Image: Solution of the solution of t

1 1				
++	+	+	+	 ++

Figure 10.16



COSA

Page 199 of 277

REPORT: WB GOVT. MONTHLY REPORTS

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report from the bellow Row(WB Govt. Monthly Reports). **(Screen: 97)**

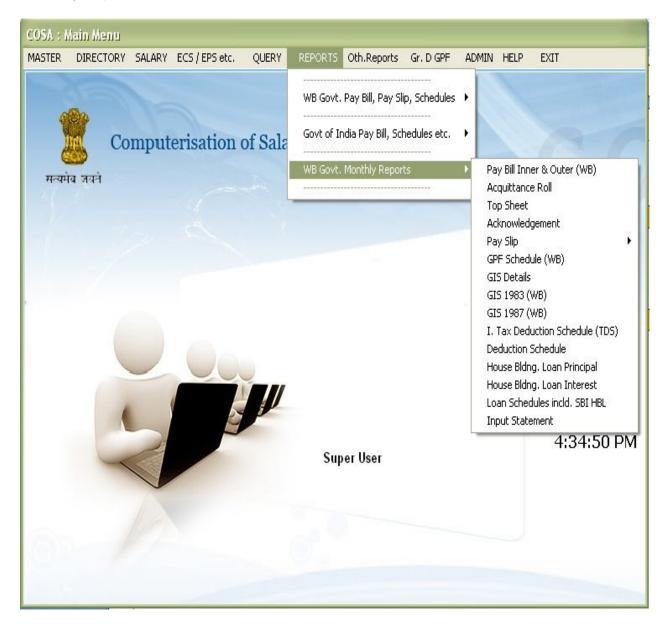


Figure 10.17



COSA

Page 200 of 277

REPORT:WB GOVT. MONTHLY REPORTS:ACQUITTANCE ROLL

REPORT GENERATION MODULE FOR ACQUITTANCE ROLL (Screen:98)

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for Acquittance Roll for a particular establishment on given month & year. To generate report for Acquittance roll first select department, establishment, year, month then Click <Generate> button to create & see the report. This report is in text format.

GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISIO Generation Module for Acquittanc	DN,PWD	IC
Department	PUBLIC WORKS DEPARTMENT	
Employee Seclection	 Establishment Wise Section Wise Total Department B.G.L. EL. SEC., PWD 	
Pay Year & Month	2012 February	
Acquittance For	 All Employees As Per Selection Employees YET To Take Salary 	
Include Page Eject Character ? 🔽	Line Nos. / Output Page 60	
Output File Format MSWord <u></u> β		
	Figure 10.18 Click Here	
	COSA	

TEXT REPORT ON ACQUITANCE ROLL(Screen:99)

To be used in: Finance Department, Government of West Bengal

GAR - 24 (See Rules	77(1) and 93	2): FORM TR 28:	[(See Rule 283(1)	01
A C (ου ΙΤ Τ ΑΙ	ICE ROLL		
Department : PUBLIC WORKS DI 75, DIAMOND HAP Establishment : B.G.L. EL. SEC D.D.O. Code : CAC-PWE-013 Pay Month & Year: Eebmarx 2013	RBOUR ROAD K ., PWD		424of11-12, 20/0	2/2012
ISIProvident A/s No. No. Name of Incumbent/Designato. 1 2	Net Total Part/Full 3		Out-Of-Accts. Deductions 5	
++ 1 WC/WB/286 SRI DILIP KUMAR DAS Electrician Basic Ray Rs. 11640	11124.00		COP: 5538.00	5586.00
(5400-25200) ++		 	Tot: 5538.00 	
SRI SANTI RAM MONDAL Electrician Basic <u>Ray</u> th Rs. 12180	14650.00		COP: 8538.00	6112.00
(5400-25200) 			Tot: 8538.00 	
 J3 WC/WB/279 SRI KANAI DAS Assistant Electrician Basic PayRs. 11960	11298.00		COP: 2730.00	8568.00
(5400-25200)			Tot: 2730.00	
++ J4 WC/WB/283 SRI BISWANATH SARKAR Sr. Pump Operator Basic P.ax.t. Rs. 11750	14963.00		COP: 8277.00	6686.00
((5400-25200) 			Tot: 8277.00	
	C :	ire 10 19		

Figure 10.19



National Informatics Centre

REPORT: WB GOVT. MONTHLY REPORTS: TOP SHEET

REPORT GENERATION MODULE FOR TOP SHEET (Screen:100)

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for TOP SHEET for a particular establishment on given month & year. To generate report for Top Sheet first select department, establishment, year, month, then Click <Generate> button to create & see the report. This report is in text format. You can choose another file format also.

SA : TOP SHEET GOVERNMENT OF WEST BEN SUBURBAN ELECTRICAL DIV Generation Module for Top Sh	ISION,PWD
Select Department	PUBLIC WORKS DEPARTMENT
Select Establishment	B.G.L. EL. SEC., PWD
Select Year	2012 -
Select Month	Line Nos. / Output Page 60 February • Print Bill No. / Bill Date ? No
Output File Format MSWord	GENERATE EXIT
	Figure 10.20
tional Informatics Centre	COSA Page 203 of 277

TEXT REPORT ON TOP SHEET (Screen:101)

To be used in: Finance Department, Government of West Bengal

Т О Р.... S. Н Е Е Т _____

D.D.O. Code :		CAC-PWE-013
Account code :		2059-80-001-NP-004-V-01
Department :		PUBLIC WORKS DEPARTMENT
Establishment :		B.G.L. EL. SEC., PWD
Pay Month & Year	ι	February , 2012
Bill No :		Date
Bill Type :		PAY BILL
Gross Angunt(Rs.) :		185803.00
Net Amount (Rs.);	Ļ,	148065.00

GROUP WISE ANALYSIS OF EMPLOYEES SHOWN IN THE ENCLOSED BILL

(APPLICABLE FOR PAY BILL ONLY)

- GROUP	NO.OF EMPLOYEES
с с	6
D	5

Figure 10.21



COSA

Page 204 of 277

REPORT:WB GOVT. MONTHLY REPORTS:ACKNOWLEDGEMWNT

REPORT GENERATION MODULE FOR ACKNOWLEDGEMENT (Screen:102)

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate acknowledgement for a particular establishment on given month & year. To generate acknowledgement first select department, establishment, year, month, then Click <Generate> button to create & see the acknowledgement. This acknowledgement is in text format.

Urb 🛛	ernment of West Bengal an Development Department nowledment		NI
	Select Year Select Month Depertment Establishment ^{Output File Format}	2012 February PUBLIC WORKS DEPARTMENT B.G.L. EL. SEC., PWD MSWord	
		Generate Acknowledment Exit Figure 10.22	



COSA

Page 205 of 277

ACKNOWLWDGEMENT (Screen:103)

To be used in: Finance Department, Government of West Bengal

,	West Bengal Form No. 2551 T.R.ANNEXURE 'I' [See Rule 7(2)] A C K N O W L E D M E N T
Received by cash/cheque Rs. 148065.00 (Rupe	ees One Lakh(s) Forty Eight Thousand Sixty جنيريرير) fro
φ Kolkata Pay & Accounts Office I / II in μ	payment of my bill bearing Token No
····· Qatedtbe	on account of <code>RayBill February</code> , 2012 , B.G.L. EL.
SEC., PWD	
[If an advice that the bill has been passed	d, has been received this should also be şentul
Station	Signature
Date	Designation
One Rupee Revenue Stamp should be affixed to Name of the messenger to whom payment is to	for personal payments exceeding Rs. 5000.00 o be made
Signature of the Massengeline monomous	********
F	Figure 10.23



COSA

Page 206 of 277

User Manual for COSA

REPORT:WB GOVT. MONTHLY REPORTS:GPF SCHEDULE(WB)

REPORT GENERATION MODULE FOR G.P.F.SCHEDULE (Screen:104)

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for G.P.F. Schedule for a particular establishment on given month & year. To generate report for G.P.F. Schedule first select department, establishment, year, month, bill no & date, then Click <Non-A.I.S. GPF> button to create & see the report. This report is in text format.

GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISION Generation Module for G.P.F. Sche	
Select Department	PUBLIC WORKS DEPARTMENT
Select Establishment	B.G.L. EL. SEC., PWD
Select Year	2012 -
Select Month	February -
Select Bill No. & Date	424of11-12 * Dt. 20/02/2012 -
Line Nos. / Page Body Preferred value = 55	Gnerate Front Page ? 🔽 Include Page Eject Character ? №
I	Output File Format
	.I.S. GPF
<u>A</u> .I.S. GPF	
	Figure 10.24

TEXT REPORT ON G.P.F. SCHEDULE (Screen:105)

To be used in: Finance Department, Government of West Bengal

Form No. : T.R. Form No. 47 [__See sub-rule(1) of T.R.6.39]

D.D.O. Code : CAC-PWE-013

Bill No. & Date : 424of11-1,2,..., 20/02/2012

Ioken/I.V. No. & Date.: , 01/01/2002

Head of Account Code ...: 2059-80-001-NP-004-V-01

Important Instructions :

- (1) This form should not be used for transactions of other Provident Funds for which Form No.T.R.48 has been provided. The Account NUmbers should be arranged in serial order.

- (4) Separate...Schedule should be prepared in respect of persons whose Account Numbers are prefixed by different alphabetical abbreviation.
- (5) In case of Central Government Employees on deputation from the office of the Accountant General of this State or any other State the Head of Account may be indicated as [8658 -Suspense Account-00 -101 -PAO Suspense- PAO(Audit), Kolkata]
- (6) In case of other Central Government Civil Employees on deputation, the Head of Account may be indicated as [8658 -Suspense Account = 00 = 101 = PAO Suspense = (Name of the concerned Ministry).
- (7) In case of Railway Employees on deputation, the Head of Account may be indicated as [8658 Suspense Account 00 -102...Suspense Account - Civil - (EA and CAO of the concerned Railway)].
- (8) In case of other State Government Employees on deputation, the Head of Account may be indiacted as [8793 Inter-State Suspense Account - 00 - 101 - (Name of the concerned State)].

Figure 10.25



National Informatics Centre

COSA

Page 208 of 277

REPORT: WB GOVT. MONTHLY REPORTS: GIS 1983

REPORT GENERATION MODULE FOR G.I.S. 1983 SCHEDULE (Screen:106)

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for G.I.S. 1983 for a particular establishment on given month & year. To generate report for Top Sheet first select department, establishment, year, month, bill no & date, then Click <Generate> button to create & see the report. This report is in text format.

Select Department	PUBLIC WORKS DEPARTMENT
Select Establishment	B.G.L. EL. SEC., PWD -
Select Year	2012 -
Select Month	February -
Select Bill No. & Date	424of11-12 * Dt. 20/02/2012 -
Please ensure that the Employee's GIS Groups are Correct in the Personnel Information !	Line Nos. / Output Page 55
Include Page Eject Character ? 🔽	

TEXT REPORT ON G.I.S.1983 (Screen:107)

To be used in: Finance Department, Government of West Bengal

[Vide <u>Paras</u> 4.4 & 4.2]	T.R.FORM NO 🚛 53	ANN EXURE-A
-------------------------------	------------------	-------------

Schedule of : Recovery of Subscription Under W.B. Government Employees G.I.S. 1983 Department : PUBLIC WORKS DEPARTMENT GOVERNMENT OF WEST BENGAL 75, DIAMOND HARBOUR ROAD KOLKATA-23 D.D.O. Code : CAC-PWE-013 Establishment : B.G.L. EL. SEC., PWD [...2059-80-001-NP-004-V-01] Pay Month & Year: Eebnary, 2012 Bill No. & Date, 4240f11-12, 20/02/2012

51.	Group	Total <u>No.of</u> Em under th	ployees under e Group	Contribution towards Insurance Fund (Rs.)	Contribution towards Savings Fund (Rs.)	Total Contribution	Remarks
	ci cu p	Subscription to Insurance Fund Only	Subscription to Insurance Fund and Savings Rund	8011-00-107-001-19-00	8011-00-107-002-19-00	(Rs.)	
1	, A	0	0	0.00	0.00	0.00	
2	, B	0	0	0.00	0.00	0.00	
3	, c	0	6	18.00	30.00	48.00	
4	, D	0	0	0.00	0.00	0.00	
_	Total			18.00	30.00	48.00	

(To be prepared by D.D.O)

1. Certified that a sum of Rs 8/- per month on account of contribution towards the scheme has been deducted from salacy of each employee and the total amount so deducted has been shown on the first page of the salary bill.

2.Centified that no deduction has been made from the salary of employees appointed on short term vacancies, on addage basis of others excluded from the scheme (by the exclusion clauses (a) to (h) of Para-3 of the scheme.

Figure 10.27



COSA

Page 210 of 277

REPORT:WB GOVT. MONTHLY REPORTS:G.I.S.1987

REPORT GENERATION MODULE FOR G.I.S. 1987 (Screen:108)

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for G.I.S. 1987 for a particular establishment on given month & year. To generate report for G.I.S. 1987 first select department, establishment, year, month, bill no & date, then Click <Generate> button to create & see the report. This report is in text format.

GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISION Generation Module for G.I.S. 1987	ON,PWD
Select Department	PUBLIC WORKS DEPARTMENT
Select Establishment	B.G.L. EL. SEC., PWD
Select Year	2012 -
Select Month	February -
Select Bill No. & Date	424of11-12 * Dt. 20/02/2012 ·
Please ensure that the Employee's GIS Groups are Correct in the Personnel Information I	Line Nos. / Output Page 55
Include Page Eject Character ? 🛛 🔽	



COSA

TEXT REPORT ON G.I.S 1987 (Screen:109)

To be used in: Finance Department, Government of West Bengal

[Vide Racas 14(d) & 7] T.R.FORM NO.-55 ANNEXURE-A

G.I.S. 1987

Department : PUBLIC WORKS DEPARTMENT.GOVERNMENT OF WEST BENGAL 75, DIAMOND HARBOUR ROAD,KOUKATA-23 D.D.O. Code : CAC-PWE-013 Establishment : B.G.L. EL. SEC., PWD [_2059-80-001-NP-004-V-01]

Pay Month & Year: Eebmary... 2012 Bill No. & Date..: 424of11-12 , 20/02/2012

Schedule : Pertaining to the Credit Head 8011 - Insurance and Pension Fund - 00 - 107 - West Bengal State Govt. Employees Group Insurance Scheme - (5), Insurance Fund 1987(<u>i)amount</u> received from State Government Employees under Group Insurance-cum-Savings Scheme 1987

N.B. - Incase the Subscription remain Arrear, the fact should be shown in Red Ink in Remarks column.

51.	Group	Total <u>No.of</u> Em under th	ployees under e Group	Contribution towards Insurance Fund (Rs.)	Contribution towards Savings Fund (Rs.)	Total Contribution	Remarks
511	druip	Subscription to Insurance Fund Only		8011-00-107-004-19-00	8011-00-107-005-19-00	(Rs.)	
1	, A	0	0	0.00	0.00	0.00	
2	, В	0	0	0.00	0.00	0.00	
3	, с	0	0	0.00	0.00	0.00	
4	, D	0	5	15.00	35.00	50.00	
_	Total			15.00	35.00	50.00	

(Intal : Rupees Fifty Only)

(__EXECUTIVE ENGINEER-I)

** 4:59:54 PM...23/02/2012 ** COSA : N.I.C., WBSC **

Figure 10.29



COSA

Page 212 of 277

REPORT:WB GOVT. MONTHLY REPORTS:I.TAX DEDUCTION SCHEDULE

REPORT GENERATION MODULE FOR I.TAX DEDUCTION (Screen:110)

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for I.Tax Deduction for a particular establishment on given month & year. To generate report for I.Tax Deduction first select department, establishment, year, month, bill no & date, then Click <Generate> button to create & see the report. This report is in text format.

GOVERNMENT OF WEST BENGA SUBURBAN ELECTRICAL DIVIS Generation Module for Income	ION,PWD	NIC
Select Department	PUBLIC WORKS DEPARTMENT	•
Select Establishment	B.G.L. EL. SEC., PWD	•
Select Year	2012 -	
Select Month	February -	
Select Bill No. & Date	424of11-12 * Dt. 20/02/2012	•
Line Nos. / Page Body 60	Output File Format MSWord 8 Include Page Eject Cha	iracter ? 🔽
GENERATE		l
Click Her	Figure 10.30	

TEXT REPORT ON I.TAX DEDUCTION (Screen:111)

To be used in: Finance Department, Government of West Bengal

Form No. : T.R. Form No. 10 [See T.R. 4.0 Schedule for : Income Tax Deducted at Source Head of Account.: 8658-00-112-001-20-00 Department : PUBLIC WORKS DEPARTMENT. 90XER 75, DIAMOND HARBOUR ROAD KOLKS Establishment : ALIPORE EL. SUB-DIVN., PWD [D.D.O. Code : CAC-PWE-013 TAN No. : Pay Month & Year: Eebnuary 2011 Bill No. & Date; 403of10-11 , 10/02/2011	(TDS) (MENT OF WEST BENGAL ATA-23 2059-80-001-NP-004-V-01] Token No, & Date	/2002
++	+ Designation	
Gross Pav(Rs.)	1	(Rs.)
++ 2 SRI JOYDEV GHOSH 31606	Sub-assistato Engineer	4115.00 AEEPG2713G
++ 3 SRI ARUP KUMAR ASH 28726 +	Sub-assistato Engineer	2630.00 ADAPA1829J
+	Sub- <u>assistato</u> Engineer	6734.00 AGXPM6215A
+ 6 SRI SIB SANKAR GANGULY 26430 	Godowp Keeper	3462.00 ASPPG8148N
+	GRAND TOTAL	16941.00
+ T (· · · ·
Datei	(Signature of EXECUTIVE EN	GINEER-I)
Figur	re 10.31	



COSA

Page 214 of 277

REPORT: WB GOVT. MONTHLY REPORTS: DEDUCTION SCHEDULE

REPORT GENERATION MODULE FOR DEDUCTION SCHEDULE (Screen:112)

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for deduction schedule for a particular establishment on given month & year. To generate report for deduction schedule first select department, establishment, year, month, bill no & date, then Click <Generate> button to create & see the report. This report is in text format.

	Select Department	PUBLIC WORKS DEPARTMENT	
	Select Establishment	B.G.L. EL. SEC., PWD	
	Select Year	2012 -	
	Select Month	February -	
	Select Bill No. & Date	424of11-12 * Dt. 20/02/2012 -	
de Si 01 St 02 St	Deduction Items for which you want to gen ELECTED Salary Deduction Items tate GIS Insurance 1983 tate GIS Savings 1983 tate GIS Insurance 1987	Code REJECTED Salary Deduction Items	
		<u>Refresh</u>	

TEXT REPORT ON DEDUCTION SCHEDULE (Screen:113)

To be used in: Finance Department, Government of West Bengal

Form No : T.R. FORM NO.-12 Schedule for : STATE GIS INSURANCE 1983 Head of Account : 8011-00-107-001-19-00 Department : PUBLIC WORKS DEPARTMENT, GOVERNMENT OF WEST BENGAL 75, DIAMOND HARBOUR ROAD, KOLKATA-23 Establishment : B.G.L. EL. SEC., PWD [2059-80-001-NP-004-V-01] D.D.O. Code : CAC-PWE-013 Pay Month & Year: February , 2011 Bill No. & Date : 414of10-11 , 15/02/2011

Sl.No.	Name	Designation	Amount (Rs.)
1	SRI DILIP KUMAR DAS	Electrician	3.00
2	SRI SANTI RAM MONDAL	Electrician	3.00
3	SRI KANAI DAS	Assistant Electrician	3.00
4	SRI BISWANATH SARKAR	Sr. Pump Operator	3.00
5	SRI TAPAN KUMAR DUTTA	Senior Workman	3.00
5	SRI RAJ KUKAR RAM	Senior Workman	3.00
5	SRI SANTOSH KUMAR SAHA	Senior Workman	3.00
6	SRI LAKSHMI KANTA BISWAS	Senior Workman	3.00
7	SRI KANAI LAL MAITY	Senior Workman	3.00
		GRAND TOTAL	27.00

(Total : Rupees Twenty Seven Only)

Figure 10.33



COSA

Page 216 of 277

REPORT: WB GOVT. MONTHLY REPORTS: HOUSE BLDNG. LOAN PRINCIPAL

REPORT GENERATION MODULE FOR HBL PRINCIPAL (Screen:114)

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for HBL principal for a particular establishment on given month & year. To generate report for HBL principal first select department, establishment, year, month, bill no & date, then Click <Generate> button to create & see the report. This report is in text format.

	GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISIO Generation Module for HBL Princi		NIC
	Select Department	PUBLIC WORKS DEPARTMENT	
	Select Establishment	B.G.L. EL. SEC., PWD	8
	Select Year	2012 -	
	Select Month	February -	
	Select Bill No. & Date	424of11-12 * Dt. 20/02/2012 ·	
		Line Nos. / Output Page 100	
	GENER		_
	Click Here	Figure 10.34	
NATIONAL INFORMATICS CENTRE THE IT SUPPOR	TROFFEMENCE Informatics Centre	COSA Page 217 of 2	077

TEXT REPORT ON HOUSE BLDNG. LOAN PRINCIPAL (Screen:115)

To be used in: Finance Department, Government of West Bengal

an a saint	Format View Help					
Departm Establi D.D.O. Pay Mor	^E Account : 7610-00-201-001-26 lent : LAND AND LAND REFO Writers Buildings, Ishment : PART - I [2052-00	, RMS DEPARTMENT,GOVERNMENT OF Kolkata-700001	WEST BENGAL			
Bill Sl.No.	Name & Account No. & Designation	Loan Description	Principal Amount(Rs)	Recovrd. Total(Rs)	Instlmnt. Number	Amount (Rs.)
22	PRABIR MUKHERJEE Head Assistant Acct.No.:-	House Building Loan-I	217500	195741	101/130	1673
26	ASWINI KUMAR MAITY Treasurer Acct.No.:-	House Building Loan-I	75250	72232	143/150	503
	Acct.No.:-	House Building Loan-II	167250	144260	127/150	1045
		+ Total				1548
		Grand Total	1			3221

(REGISTRAR AND DDO)

** 11:35:20 AM 28/09/2011 ** COSA : N.I.C., WBSC ** Page No. : 1 **

Figure 10.35

NATIONAL INFORMATICS CENTRE

National Informatics Centre

COSA

Page 218 of 277

REPORT:WB GOVT. MONTHLY REPORTS:HOUSE BLDNG. LOAN INTEREST

REPORT GENERATION MODULE FOR HBL INTEREST (Screen:116)

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for House Building loan interest for a particular establishment on given month & year. To generate report for Top Sheet first select department, establishment, year, month, bill no & date, then Click <Generate> button to create & see the report. This report is in text format.

SUBURBAN ELECTRICAL DIVISIO Generation Module for HBL Intere	
Select Department	PUBLIC WORKS DEPARTMENT
Select Establishment	B.G.L. EL. SEC., PWD
Select Year	2012 -
Select Month	February -
Select Bill No. & Date	424of11-12 * Dt. 20/02/2012 -
	Line Nos. / Output Page 100
GENER	
Click Here	Figure 10.36

TEXT REPORT ON HBL INTEREST (Screen:117)

To be used in: Finance Department, Government of West Bengal

epartn stabli .D.O. Pav Mor	Account : 0049-04-800-017-07	, DRMS DEPARTMENT,GOVERNMENT O Kolkata-700001	F WEST BENGAL			
Bill 31.No.	Name & Account no. & Designation	Loan Description	Principal Amount(Rs)	Recovrd. Total(Rs)	Instlmnt. Number	Amount (Rs.)
3	SAMBHU NATH BISWAS Head Assistant Acct.No.:-	Interest on HBL - I	36565	33865	46/60	675
	Acct.No.:-	Interest on HBL – II	21495	15450	34/60	390
		Total				1065
7	SAMIR KUMAR DEB Head Assistant Acct.No.:-	Interest on HBL – I	0	16170	39/60	330
8	ARUP KUMAR CHATTERJEE Head Assistant Acct.No.:-	Interest on HBL - I	0	17640	39/60	360
15	NIRMAL SANTRA Head Assistant Acct.No.:-	Interest on HBL - I	38054	38054	50/60	666
	Acct.No.:-	Interest on HBL - II	21309	20958	49/60	372
		Total				1038
		Grand Total				2793

(Total : Rupees Two Thousand Seven Hundred Ninety Three Only)

(REGISTRAR AND DDO)

** 11:41:07 AM 28/09/2011 ** COSA : N.I.C., WBSC ** Page No. : 1 **

Figure 10.37

NATIONAL INFORMATICS CENTRE

National Informatics Centre

Page 220 of 277

COSA

REPORT:WB GOVT. MONTHLY REPORTS:LOAN SCHEDULES INCLD. SBI HBL

REPORT GENERATION MODULE FOR LOAN SCHEDULES (Screen:118)

To be used in: Finance Department, Government of West Bengal **Purpose**: First select Department, Establishment, Year, Month, Bill No & Date, then click <Generate> to generate Loan Schedules. This report is in text format.

GOI LOAN	
GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISION,PWD Generation Module for Loan Schedules	NIC
Select Department	PUBLIC WORKS DEPARTMENT
Select Establishment	B.G.L. EL. SEC., PWD
Select Year	2012 -
Select Month	February -
Select Bill No. & Date	424of11-12 * Dt. 20/02/2012 -
Include Page Eject Character ? 🔽	MSWord B Line Nos. / Output Page 100
Code SELECTED Salary Loan Items	Code REJECTED Salary Loan Items
01 House Building Loan-I 02 House Building Loan-II	<< <
13 Interest on H.B. Loan - 1	• <u>R</u> efresh
GENERATE	PRINT
Click Here Fig	gure 10.38



TEXT REPORT ON LOAN SCHEDULES (Screen:119)

To be used in: Finance Department, Government of West Bengal

Schedul Head of Departm Establi Pay Mor D.D.O.	Format View Help e for : INTEREST ON H.B. LOAN - 1 Account : 0049-04-800-017-07-00 eent : LAND AND LAND REFORMS DEPA Writers Buildings, Kolkata shment : AGRI-CENSUS - 2401 [2401- oth & Year: April , 2011 Code : CAB/LRA-004 0. & Date : 69 , 18/04/2011	-700001		BENGAL	
sl.no.	Name & Designation	Principal Amount(Rs)	Recovrd. Total(Rs)	Instlmnt. Number	Amount (Rs.)
2	GAUTAM DE Section Officer				1000
		GRAND TO	TAL		1000
Total	: Rupees One Thousand Only)	,	gnature of	REGISTRAR AN	ID DDO)
* 11:49	9:07 AM 28/09/2011 ** COSA : N.I.C., Figure 10	176). : 1 **		



National Informatics Centre

REPORT:WB GOVT. MONTHLY REPORTS:INPUT STATEMENT

REPORT GENERATION MODULE FOR INPUT STATEMENT (Screen:120)

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for input statement for a particular establishment on given month & year. To generate report for input statement first select department, establishment, year, month then Click <Generate> button to create & see the report. This report is in text format.



TEXT REPORT ON INPUT STATEMENT (Screen:121)

To be used in: Finance Department, Government of West Bengal

le Edi	it Format View Help		
	INPUT ST.		r: March , 2011
.D.C 3ill	rtment : LAND AND LAND REFORMS DEPARTM Writers Buildings, Kolkata-70 D. Code : CAB/LRA-004 No. & Date : 16 , 10/03/2011 A	ENT,GOVERNMENT OF WEST BENGAL 0001 Establishment : AGRI-CENSUS C Head : 2401-00-111-CN-001-V	5 - 2401 /-01
s1.	Item Description	Heads of Account	Amount (Rs.)
	Basic/ Band Pay Dearness Allowance House Rent Allowance Grade Pay	2401-00-111-CN-001-V-01-01 2401-00-111-CN-001-V-01-02 2401-00-111-CN-001-V-01-03 2401-00-111-CN-001-V-01-14	17238.00 7388.00
	ТОТАL (1 to 4)	•	73876.00
	LESS : a. Recoveries of Overdrawals b. Recoveries of Festival Advance d. Recoveries of Flood Advance c. Recoveries of Advance of Pay	2401-00-111-CN-001-V-01-01 2401-00-111-CN-001-V-01-01 2401-00-111-CN-001-V-01-01 2401-00-111-CN-001-V-01-01 2401-00-111-CN-001-V-01-01	(-) 0.00 (-) 200.00 (-) 0.00 (-) 0.00
5	Total (a + b + c + d)	2401-00-111-CN-001-V-01-01	(-) 200.00
	TOTAL SALARY (To be Deducted from Allotm	ent)	73676.00
	LESS : DEDUCTION TO BE RECORDED AT A.G.W.	B. OFFICE	letetetetetetetetetetetetetetetetetetet
6	이 한 이번 이번 이 이 방 방법 및 것 이 것 및 방법 및 이 것 및 방법 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이	8009-01-101-001-19	16000.00
7	G.P.F. A.I.S.	8009-01-104-001-19	0.00
	Recoveries for PRINCIPAL on :	+	
8		7610-00-201-001-26	0.00
9	Moton Can Advance	7610-00-202-001-26	0.00
10	M. I. Advance	7610-00-800-001-26	0.00
11		(a) an approximation of a state of a stat	0.00
	Recoveries for INTEREST on :		
* 11:	52:58 AM 28/09/2011 ** COSA : N.I.C., WB5		≥d
12	House Building Advance	+	1000.00
13	Motor Car Advance	+	0.00

Figure 10.41



National Informatics Centre

COSA

Page 224 of 277

Chapter - 11: OTH. REPORTS

OTH. REPORTS

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to show menu structure of other reports. **(Screen:122)**

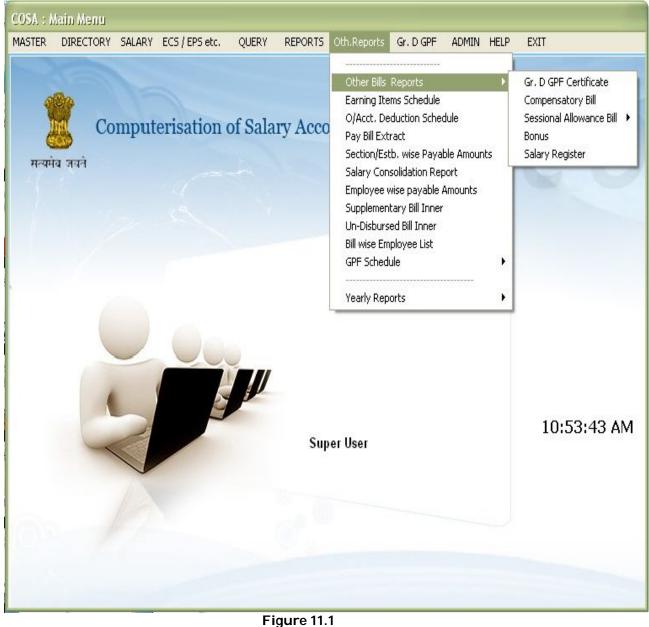


Figure II.



COSA

Page 225 of 277

OTH. REPORT:O/ACCT. DEDUCTION SCHEDULE

REPORT GENERATION MODULE FOR OUT OF ACCOUNT DEDUCTION (Screen:123)

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for out of account deduction for a particular establishment on given month & year. To generate the report first select department, establishment, year, month, bill no & date, then Click <Generate> button to create & see the report. This report is in text format.

SUBURBAN ELECTRICAL DIVISION Generation Module for Out-of-Acco	
Select Department	PUBLIC WORKS DEPARTMENT
Select Establishment	B.G.L. EL. SEC., PWD
Select Year	2012 -
Select Month	February -
Select Bill No. & Date	424of11-12 * Dt. 20/02/2012 -
Include Page Eject Character ? 🔽	Line Nos. / Output Page 60



National Informatics Centre

User Manual for COSA

OTH. REPORTS: PAY BILL EXTRACT

GENERATION MODULE FOR PAY BILL EXTRACT(Screen:124)

To be used in: Finance Department, Government of West Bengal Purpose: This screen is used to generate report for Pay Bill Extract for a particular establishment on given month & year. If you want the report for selected section you can do it by selecting < section wise>.

Select Department	PUBLIC WORKS DEPARTMENT
	 Establishment Wise Section Wise
Filter Selection for	B.G.L. EL. SEC., PWD
Select Year	2012 -
Select Month	February -
Show O/Acct. Totals ?	Yes -
Output File Format	<u>G</u>ENERATE <u>E</u> XIT

National Informatics Centre

COSA

Page 227 of 277

TEXT REPORT FOR PAY BILL EXTRACT (Screen: 125)

To be used in: Finance Department, Government of West Bengal

0105 - Notepad		
e Edit Format View Help		
A - BILL EXTRAC		
(To be attached to Disbursing	Officers Bills And Accounts)	
Department : PUBLIC WORK	S DEPARTMENT,	
75, DIAMOND HARBO	DUR ROAD,KOLKATA-23	
D.D.O. Code : CAC-PWE-013		
).D.O. Desig. :EXECUTIVE EN Establishment :B.G.L. EL_SEC	., PWD [2059-80-001-NP-004-V-01]	
3ill No. & Date : 424of11-12 , 20/		
Pay Month & Year: February , 20		
1. Basic Pay	:Rs. 92350.00	
2. Grade Pay 3. Dearness Allowance	:Rs. 21900.00	
3. Dearness Allowance	: Rs. 51414.00	
 House Rent Allowance Medical Allowance 		
GROSS TOTAL	:Rs. 185803.00	
P.F. Subscription P.F. Arrear	: Rs. 33040.00	
P.F. Arrear	Rs. 0.00	
P.F. Recovery	: Rs. 3250.00	
P.F. DEDUCTION TOTAL	:Rs. 36290.00	
1. State GIS Insurance 1983	: Rs. 18.00	
2. State GIS Savings 1983	: Rs. 30.00	
 State GIS Insurance 1987 State GIS Savings 1987 	: Rs. 15.00	
State GIS Savings 1987	: Rs. 35.00	



National Informatics Centre

COSA

Page 228 of 277

REPORT: SALARY CONSOLIDATION REPORT

SALARY CONSOLIDATION REPORT (Screen: 126)

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for salary consolidation for a particular section on given month & year. If you want the report for particular establishment then you can do it by selecting <Establishment Wise>.Then click on <QUERY> to generate the report.

💹 SUBU		EST BENGAL Cal Division,pwd Shment Wise Salar'	Y			NIC
Department	PUBLIC WORKS DEPARTMENT			Establishment Wise	QUERY	
Salary Month	January	- Salary Year	2012	•	C Section Wise	E <u>X</u> IT
Include Page Eject (Character ?	✓ Output File Format	Text	•		

Figure 11.5



SALARY CONSOLIDATION REPORT (Screen: 127)

No. Amount Amount Amount A (Rs.) (Rs.)	
No. & Date Amount Amount A (Rs.) (Rs.) 1 TEST ** 4170101.00 COP: 750357.00 34	/02/2012]
	ayable Amount (Rs.)
Total O/A Dedcns. : 750357.00	419744.00
G R A N D T O T A L 4170101.00 COP: 750357.00 34	419744.00
ash Amount: Rs. 3419744.00 (Rupees Thirty Four Lakh(s) Ninteen Thousand Seven Hundred Forty Four Onl	veneral and

Figure 11.6



OTH. REPORTS: BILL WISE EMPLOYEE LIST

GENERATION MODULE FOR PAY BILL WISE EMPLOYEE LIST(Screen:128)

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for G.I.S. 1987 Schedule for a particular establishment on given month & year.

Select Department	PUBLIC WORKS DEPARTMENT	•
Select Establishment	B.G.L. EL. SEC., PWD	•
Select Year	2012 -	
Select Month	February -	
Select Bill No. & Date	424of11-12 * Dt. 20/02/2012	•
Include Page Eject Character ? 🛛 🔽	Line Nos. / Output Page 100	

Page 231 of 277

National Informatics Centre

TEXT REPORT FOR PAY BILL EXTRACT (Screen: 129)

To be used in: Finance Department, Government of West Bengal

0111_	empAbs.txt - Notepad	
File Edit	Format View Help	
į.	Pay Bill wise Emplo	yee List
D.D.O. Pay Mor	nent : LAND AND LAND REFORMS DEPAR Writers Buildings, Kolkata- ishment : AGRI-CENSUS - 2401 [2401-0 Code : CAB/LRA-004 hth & Year: March , 2011 p. & Date : 16 , 10/03/2011	700001
 Sl.No.	Name of the Employee PF Account No.	Designation Pay Scale
1	DEBI PROSAD BANERJEE ADMN/WB/46628	Assistant Secretary 15600-39100
2	GAUTAM DE ADMN/WB/54937	Section Officer 0-0
	HUMBER OF EMPLOYEES IN THIS BILL : 7:09 PM 28/09/2011 ** COSA : N.I.C., W	

Figure 11.8



National Informatics Centre

COSA

Page 232 of 277

OTH. REPORTS: YEARLY REPORTS: YEARLY SALARY STATEMENT

GENERATION MODULE FOR PAY BILL WISE EMPLOYEE LIST(Screen:130)

To be used in: Finance Department, Government of West Bengal **Purpose**: This screen is used to generate report for yearly pay statement Schedule for a particular establishment on given month & year.

	ICAL DIVISION,PWD for Yearly Pay Statement
Department	PUBLIC WORKS DEPARTMENT
Establishment	B.G.L. EL. SEC., PWD
Financial Year	2011-2012 🔽 Include Page Eject Character ? 🔽
Employee Code	All Employees
neration Process m Output File Format Text	ay take considerable amount of time Please wait ! <u>GENERATE</u> <u>PRINT</u> <u>EXIT</u>



National Informatics Centre

COSA

Page 233 of 277

TEXT REPORT FOR YEARLY SALARY STATEMENT (Screen: 131)

To be used in: Finance Department, Government of West Bengal

ile Edit	Format View	. Heln											
Report Incumb G.P.F. Depart	: on Dent Name Acct. No.	: YEARLY : ABHIJI : ADMN/WI : LAND AU Writer:	T RAY B/72455 ND LAND R s Buildir	EFORMS DE	PARTMENT	FINANCIAL ,GOVERNMEN L -013-V-01	IT OF WES		L				
Month 1	в.р. 2	D.P.	0.P. 4	D.A. 5	I.R. 6	H.R.A.	M.A. 8	т.а. 9	CCA/HCA	0.A. 11	Other 12	Gross Pay 13	G.I.S. 14
+ Mar	7125	3563		5023		1069	100		++ 			16880	40
Apr	13700			2848		2670	300			4100		23618	40
May	13700			2848		2670	300			4100		23618	40
Jun	13700			2848	-	2670	300			4100		23618	40
+ נונ	14240			2934	••	2751	300			4100		24325	40
Aug	14240			2934		2751	300			4100		24325	40
sep	14240			2934		2751	300			4100		24325	40
Oct	14240			2934	-	2751	300			4100		24325	40
Nov	14240			2934	••	2751	300			4100		24325	40
Dec	14240			4035		2751	300			4100		25426	40
Jan	14240			4035		2751	300		 	4100		25426	40
Feb	14240			4035	-	2751	300			4100		25426	40
TOTAL	162145	3563		40342		31087	3400		++ 			285637	480

Figure 11.10



COSA

Page 234 of 277

. Г.	Loss and consider an	4	D -	1
	Amounts	٦n	RS.	
L.				

0.A. 11	Other 12	Gross Pay 13	G.I.S. 14	P.Tax 15	CGHS 16	Lic.Fee 17	I.Tax 18	PF Sub 19	Other 20	HBA Rec. 21	Oth.Rec. 22	Net Pay 23
		16880	40	130		++ 		1000		410		15300
4100		23618	40	130		++ 		1000		410		22038
4100		23618	40	130		++ 		1000		410		22038
4100		23618	40	130		++ 		1000		+ 410	•••	22038
4100		24325	40	130		++ 		1000		410		22745
4100		24325	40	130			600	1068	68	410		22009
4100		24325	40	130			600	1068	68	410		22009
4100		24325	40	130			600	1068	68	410		22009
4100		24325	40	130			600	1068	68	410		22009
4100		25426	40	150			320	1068		410		23438
4100		25426	40	150		++		1068		410		23758
4100		25426	40	150		++ 		1068		+ 410		23758
 	· · · ·	285637	480	1620		++ ++	2720	12476	272	4920 +	+ +	263149

Figure 11.11



Page 235 of 277

OTH REPORT: SECTION/ESTB. WISE PAYABLE AMOUNT

SECTION/ESTABLISHMENTWISE SALARY TOTALS (SECTION WISE) (Screen: 132)

To be used in: Finance Department, Government of West Bengal **Purpose**: By this form you can generate salary totals. First select Department, Establishment, Year, Month, then Click <Query> to generate the pay bill.

M SUBU		ST BENGAL Al Division,pwd Hment wise Salar	Y TOTALS			NIC
Department	PUBLIC WORKS	S DEPARTMENT		•	C Establishment Wise	QUERY
Salary Month	February	- Salary Year	2012	•	Section Wise	E <u>X</u> IT
Include Page Eject (iharacter ? 🔽	Output File Format	MSWord	• 8		

Figure 11.12



	User	Manual fo	or COSA			
SECTION WIS	SE SA		TOTAL (S	creen: 13	3)	
o be used in: Finance Depar	rtmen	ıt, Goveri	nment of W	/est Benga	I	
I						
[ÇQŞA,,;NIC, WBSC]	(BIL	L, ABST	TRACT **	[11:30	6:19 AM ☆ 23/02	/2012]
Department : SUBURBAN ELECTRIC	AL DIVI	ISION, RWD, GG	XERNMENT OF W	EST BENGAL		
Pay Month & Year: Eebmarx 2012						
	I	I		I	I.	I.
S1. Acquittance Section	I	Gross	Deductionl	Net	0/A Dedan. J	Raxable
No.	I	Amount	Amount	Amount	Amount	Amount
 ++					(Rs.)	
+ +	÷	-	·+	-	+	+
J	I	5406004.00	1235903.00	4170101.00	750357.00	3419744.00
↓1, TEST ++ GRAND TOTAL	+	+	+	+	+	+

Figure 11.13



National Informatics Centre

COSA

Page 237 of 277

OTH REPORT: UN-DISBURSED BILL INNER

MODULE FOR GENERATION OF UN-DISBURSED PAY BILL INNER SHEET (Screen: 134)

To be used in: Finance Department, Government of West Bengal **Purpose**: By this form you can generate Un-disbursed Pay bill inner sheet. First select Department, Establishment, Year, Month, Bill no, then Click <Generate> to generate the pay bill.

SUBURBAN ELECTRICAL DIVISIO Generation Module for Pay Bill Inr	Control and the second s
Select Department	PUBLIC WORKS DEPARTMENT
Select Establishment	B.G.L. EL. SEC., PWD
Select Year	2012 -
Select Month	February
Select Bill No. & Date	424of11-12 * Dt. 20/02/2012 -
Include Page Eject Character ? 🛛 🔽	Line Nos. / Output Page 45

Click Here



National Informatics Centre

PAY BILL INNER SHEET (Screen: 135)

To be used in: Finance Department, Government of West Bengal

A. C. G. 20., PAY BILL INNER SHEET

apartment : PUBLIC WORKS DEPARTMENT.GQUEENMENT OF WEST BENGAL,75, DIAMOND HARBOUR ROAD,KOLKATA-23
stablishment : B.G.L. EL. SEC., PWD [...2059-80-001-NP-004-V-01] D.D.O. Code : CAC-PWE-013
ay Month & Year: Eebouacx.... 2012 Bill No. & Date...; 4240f11-12 , 20/02/2012

luluuun.RoovidentuA/suNo.	[DUES	lTotal	DEDUCTIONS & RE	ECOVERIES Tot	al Net	I I
p. Mane of Incumbent/Design	ato. I		_ Due			a, IAnaunt	Remarks
1 2	3	4 5	6	7 8	9 10		12
.,1, WC/WB/286	BP : 9340			+++++++++			 Medical allowance ha
SRI DILIP KUMAR DAS	Gr.P.: 2300	I.	1 1	183: 3 0/A: 5538 UB	[I.	his name in West Ben
Electrician	QA: 5238	I.		583: 5			I I
I	HRA: 1746	I	I I		I.	I	I I
+ ,2 SED/WC/540	++ BP : 9880	+ 		+++ GPF: 5000 PTX: 130		576 6112	
SRI SANTI RAM MONDAL	GrP: 2300	I.		183: 3 0/A: 8538	l.	I	1
Electrician	QA: 5481	I.	1 1	583: 5	l.	I.	I I
I	HRA: 1827	I	I I		I	I	I I
+	BP : 9860	 		++ GPF: 8000 PTX: 130 11.15		868 8568	



COSA

Page 239 of 277

User Manual for COSA

A. C. G. 20, PAY BILL INNER SHEET

PARTMENT, SQUERNMENT, OF WEST BENGAL, 75, DIAMOND HARBOUR ROAD, KOLKATA-23

, PWD [...2059-80-001-NP-004-V-01] D.D.O. Code : CAC-PWE-013

Bill No. & Date..: 424of11-12 , 20/02/2012

		D	UES			.Iotal	I		DEDUCT	ION 5 (& RECO	VERIES	I	Total	I	Net		I
						Due								Dedn	1	.Anount	Ren	iarks
																		.2
	9340																	lowance hal
GCP.)	2300			I	I		I83:		3 0/A:	5538	UBI;	, 5112(52/84)		I		his name i	n West Ben
QAk	5238			I	I		583;		5				I				l.	I
HRA:	1746			I	I		L		T				I		I		I	I
	+			-+	 +		+		+				· ·		+-		+	+
BP :	9880			I	I	19788	GPF:	50	000 PTX:	130			I	13676	I	6112	I	I
GrP:	2300			I	I		I83:		3 0/A:	8538			I		I		I	
QA	5481			I	I		583;		5				I				I	I
HRA:	1827			I	I		I		I.				I				I	I
	'				 					Fic	iure	11.16	l.					



National Informatics Centre

COSA

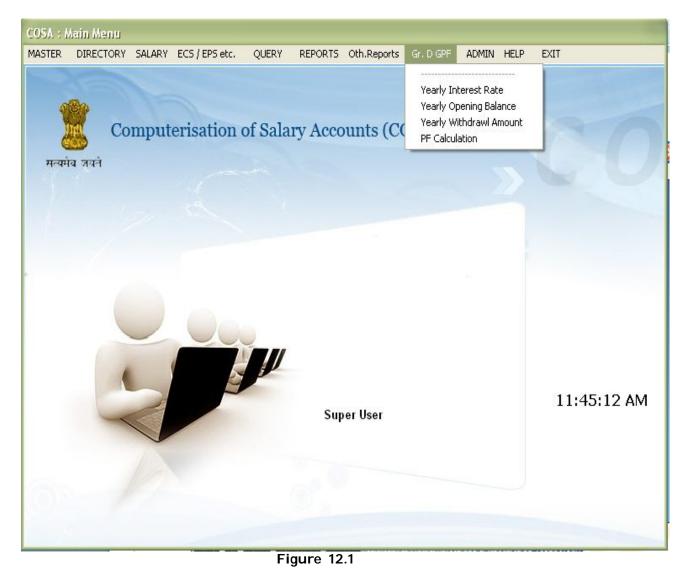
Page 240 of 277

Chapter – 12: G.P.F. MODULE

G.P.F. MODULE:YEARLY INTEREST RATE

MODULE FOR YEARLY INTEREST CALCULATION (Screen: 136)

To be used in: Finance Department, Government of West Bengal **Purpose**: This form shows the sub menus under GPF Module.





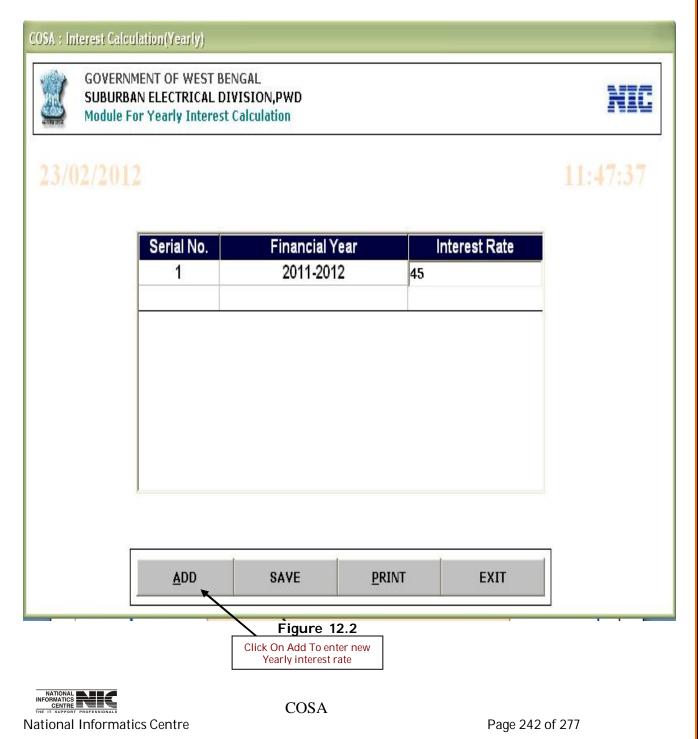
COSA

Page 241 of 277

G.P.F. MODULE: YEARLY INTEREST RATE

MODULE FOR YEARLY INTEREST CALCULATION (Screen: 137)

To be used in: Finance Department, Government of West Bengal **Purpose**: In this form you can add new interest rate by clicking on the <ADD> button. Then type financial year press enter then type interest rate , press enter after that click on <save>.



G.P.F. MODULE: YEARLY OPENING BALANCE

MODULE FOR YEARLY OPENING BALANCES CALCULATION (Screen: 138)

To be used in: Finance Department, Government of West Bengal **Purpose**: By this form you can generate report on opening balance .First select Department, Establishment, financial year, then Click <Generate> to generate the pay bill.

Depart	ment	PUBL	IC WORKS DEPA	RTMENT	-	
Establi	shment	B.G.L	EL. SEC., PWD	•		
Financ	ial Year	2011-	2012		•	
Employee Code		Er	nployee Name		Opening Bala	nce
W APPOINTMENT-1			AK CHAKRABO		0	
W APPOINTMENT-1			OK CHAKRABOI		0	
SED/R-680	5		KAR KUMAR GH	OSH	0	
SED/R-681		10000	I JHANTU DAS		0	
SED/WC/537			ANAI LAL MAIT		0	
SED/WC/540			NTI RAM MONDA	0		
SED/WC/560			AN KUMAR DUT	0		
SED/WC/672			IOY KUMAR SHO	0		
SED/WC/673			BASIS MUKHER	EE	0	
WC/WB/279		S	RI KANAI DAS		0	
23/02/2012	S	AVE	REPORT	EXIT	11:48:3	37
	1	E i d	ure 12.3			

REPORT FOR YEARLY OPENING BALANCE CALCULATION(Screen:139)

PROVIDENT FUND OPENING BALANCE (YEARLY) CALCULATION

Department : PUBLIC WORKS DEPARTMENT D.D.O. Code : CAC-PWE-013 Establishment : B.G.L. EL. SEC., PWD Financial Year : 2011-2012

sl no 1	Employee Code 2	Name Of Employee	Opening Balance 4
1	NEW APPOINTMENT-12	SRI PULAK CHAKRABORTY	0
2	NEW APPOINTMENT-12	SRI PULOK CHAKRABORTY	0
3	SED/R-680	SRI SANKAR KUMAR GHOSH	0
4	SED/R-681	SRI JHANTU DAS	0
5	SED/WC/537	SRI KANAI LAL MAITY	0
6	SED/WC/540	SRI SANTI RAM MONDAL	0
7	SED/WC/560	SRI TAPAN KUMAR DUTTA	0
8	SED/WC/672	SRI BIJOY KUMAR SHOW	0
9	SED/WC/673	SRI DEBASIS MUKHERJEE	0
10	WC/WB/279	SRI KANAI DAS	0
11	WC/WB/283	SRI BISWANATH SARKAR	0

Figure 12.4



COSA

Page 244 of 277

G.P.F. MODULE: YEARLY WITHDRAWAL AMOUUNT

MODULE FOR PF WITHDRAWAL (Screen: 140)

To be used in: Finance Department, Government of West Bengal **Purpose**: By this form you can get information regarding PF withdrawal. First select Department, Establishment, Financial Year then Emp Code to get the PF withdrawal information.

SUB	ERNMENT OF WEST BEN URBAN ELECTRICAL DIVI VithDrawal			NIC
lepartment	PUBLIC WORKS DEPARTMEN	T		
Establishment	B.G.L. EL. SEC., PWD	•		
Fin. Year	2011-2012	•		
Emp Code	SED/R-680	En	ıp Name - SRI SANKAR KUMAR (SHOSH
Month, `	Year /I Amount Rem	arks		
April, 2				
May, 2				
June, 2				
July, 2				
August,				
Septembe				
October,				
Novembe				
Decembe				
January,	the shake of a second			
Enhruary				
February March, 1	LUIL			



National Informatics Centre

COSA

User Manual for COSA

G.P.F. MODULE: PF CALCULATION

MODULE FOR PF CALCULATION (Screen: 141)

To be used in: Finance Department, Government of West Bengal **Purpose**: By this form you can get PF Calculation for a financial year. First select Department, Establishment, Financial Year, then select Employee code to get Pf calculation for this particular employee.

)epartmer	nt	PUBLIC W	ORKS DEP	ARTMENT	Output File Format	
E	stablishn	nent	B.G.L. EL.				
	inancial \	/ear					
		eai	2011-2012	•			
E	mployee	Code	SED/R-68)			
E	mployee	Name	SRI SANK		SHOSH		
3			1				
Month	Subscription	Ref Amt.	Total	Withdrawals	Monthly Bal.	Remarks	
April, 2011	1000	0	1000	0	1000	1.000	
May, 2011	1000	0	1000	0	2000		
June, 2011	1000	0	1000	0	3000		
July, 2011	1000	0	1000	0	4000		
August, 2011	1000	0	1000	0	5000		
	1000	0	1000	0	6000		
		0	1000	0	7000	(
October, 2011	1000	0					
October, 2011 November, 2011	1000	0	1000	0	8000		
October, 2011 November, 2011 December, 2011	1000 1000	0	1000	0	9000	<u>2000</u>	
November, 2011 December, 2011 January, 2012	1000 1000 1000	0 0 0	1000 1000	0	9000 10000		
October, 2011 November, 2011 December, 2011	1000 1000	0	1000	0	9000		

National Informatics Centre

Page 246 of 277

User Manual for COSA

REPORT FOR PF CALCULATION (Screen: 142)

GENERAL PROVIDENT FUND LEDGER ACCOUNT

Department : PUBLIC WORKS DEPARTMENT D.D.O. Code : CAC-FWE-013 Establishment : B.G.L. EL. SEC., FWD Financial Year : 2011-2012 Name Of Employee: SRI SANKAR KUMAR GHOSH GPF Account No. : SED/R-680

Rena	Monthly balance	with Voucher			Subscription in whole Rs.	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Sl. No.
8	is calculated 7	No. 6	5	4	3	Preceding Year 2	1
	 1000	0	1000	0	1000	April, 2011	1
	 2000	0	1000	0	1000	+ Мау, 2011 	2
	 3000	٥	1000 	0	1000	+ June, 2011 	3
	 4000	0	1000 	0	1000	+ July, 2011 	4
	 5000	0	1000	0	1000	+	5

Figure 12.7



COSA

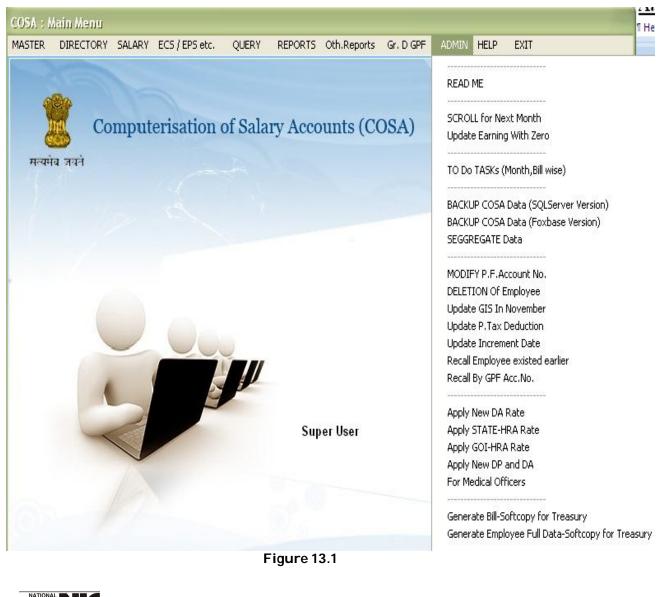
Page 247 of 277

Chapter - 13: ADMIN

MAIN MENU: ADMIN

MAIN MENU: ADMIN (Screen: 143)

To be used in: Finance Department, Government of West Bengal **Purpose**: This form shows the sub menus in admin.



NATIONAL INFORMATICS PALES CENTRE THE IT SUPPORT PROFESSIONALS National Informatics Centre

COSA

Page 248 of 277

User Manual for COSA

ADMIN: SCROLL FOR NEXT MONTH

GENERATION OF NEXT MONTH'S SALARY DATA (Screen: 144)

To be used in: Finance Department, Government of West Bengal **Purpose**: This form is used for generation of next month's salary data. Select Department, Establishment, Year, Month, and then Click <Generate> to generate salary data for next month. On completion, Task completion message will appear. Before generate the Salary Data first click <Read me>, and read the instruction carefully.

GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISION Generation of Next Month's Salary		NIC
Ge	enerate Salary Data for	
Select Department	PUBLIC WORKS DEPART	1ENT -
Select Establishment	B.G.L. EL. SEC., PWD	•
Salary Year	2012 -	
Salary Month	March	
This constition process may take as	veral minutes. On completion, Task C	ampleted measure will appear
This generation process may take se	verar minutes. On completion, lask o	ompieren message win appear.
CAU	UTION!You should Read it	
		10.007.001.00
23/02/2012	<u>GENERATE</u> E <u>X</u> IT	11:56:32
20102/2012	GENERATE EXIT	11:56:32

GENERATION OF NEXT MONTH'S SALARY DATA (Screen:145)

To be used in: Finance Department, Government of West Bengal **Purpose:** This form contains important information regarding generation of Next month's salary data. Click on <CLOSE MSG.> button to close the message after reading it.

GOVERNMENT OF WES SUBURBAN ELECTRIC Generation of Next Mo	AL DIVISION,PWD		NIC
	Generate Salary	Data for	
properly to avoid wrong Data for the Specified Pa No., Stop Loan if all the i given to an incumbent in system will generate new increment date in the sam	Date, Amount are entered, Governm calculation of HRA on award of inc rameters, the System will automatic nstallment nos. are recovered. The case increament is due in the speci Basic Pay, D.P., D.A., H.R.A., Pro te month of ensuing year. If the use at date will be set in the next month.)	reament. While Ge ally increase the L System will ask the fied month and yes fessional Tax etc. er opts for not givin	enerating the Monthly Salar oan Recovery Installment e user if increament may be ar. On confirmation, the and will set the next ng increment to the
This generation proces	s may take several minutes. On con	npletion, Task Com	pleted message will appear.
This generation proces	s may take several minutes. On con CLOSE MSG.	pletion, Task Com	pleted message will appear.
This generation proces	CLOSE MSG.	npletion, Task Com	pleted message will appear. 11:57:35
	CLOSE MSG.		
	CLOSE MSG.	EXIT	



ADMIN: TO DO TASKS

TO DO TASKS (MONTH/BILL WISE) (Screen: 146)

To be used in: Finance Department, Government of West Bengal **Purpose:** To add new task Click <ADD>, then enter new task to be performed, then Click <SAVE>. For printing the task description Click <Print>, a text editor appears, you can print from there.

COSA : TO DO TA	SK.					
SUBL	RNMENT OF W IRBAN ELECTRI O TASKs					NIC
Salary Mont Salary Year	2012	•	Department Establishment	B.G.L. EL. SE		
SI. Descriptio	on of the Task to be	Performed	in the Above mentione	d Month & Year for	the Specified Cadre (Max. 100 Characters)
23/02/20)12	<u>A</u> DD	<u>S</u> AVE	PRINT	<u>E</u> XIT	11:58:43
			Figure 13.4 Click			
NATIONAL INFORMATICS CENTRE PROFESSIONAL THE IT SUPPORT PROFESSIONAL National Inform	-8		COSA		Page 2	51 of 277

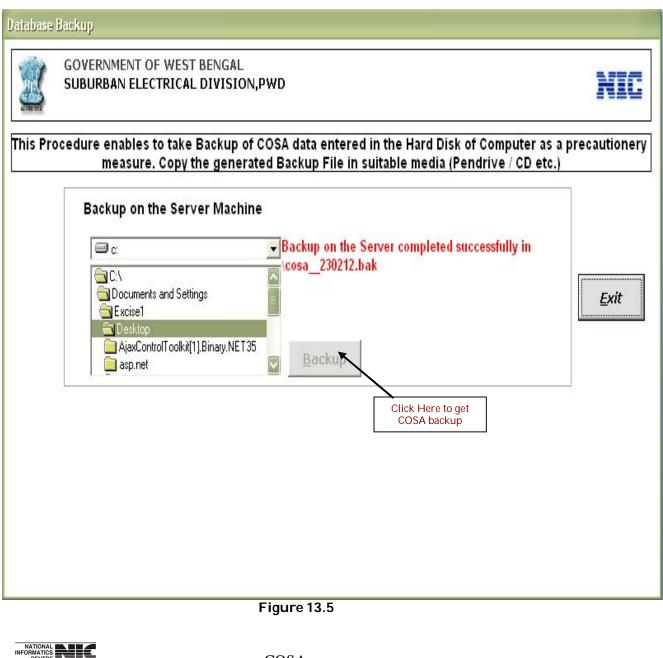
Purpose: Click <SAVE> to save new data. For printing the task description Click <Print>, a text editor appears, you can print from there. **(Screen: 147)**

COSA : TO DO TASK			
GOVERNMENT OF WE SUBURBAN ELECTRIC TO DO TASKs			NIC
Salary Month February	- Department	PUBLIC WORKS DEPARTMEN	VT -
Salary Year 2012	- Establishment	B.G.L. EL. SEC., PWD	•
SI. Description of the Task to be 01 TEST	Performed in the Above mentione	d Month & Year for the Specified Cadre (I	Max. 100 Characters)
23/02/2012	<u>C</u> ANCEL <u>SAVE</u>	<u>P</u> RINT <u>E</u> XIT	12:59:26
	Figure 1	S4 Click Here	
National Informatics Centre	COSA	Page	252 of 277

ADMIN: BACKUP FOR SQL SERVER VERSION

DATABASE BACKUP SCREEN FOR SQL SERVER (Screen: 148)

To be used in: Finance Department, Government of West Bengal **Purpose**: Specify the path of COSA. After that Click the <BACKUP> button to take database Backup. After successful back up completion it will give a message as shown in figure in red color.



National Informatics Centre

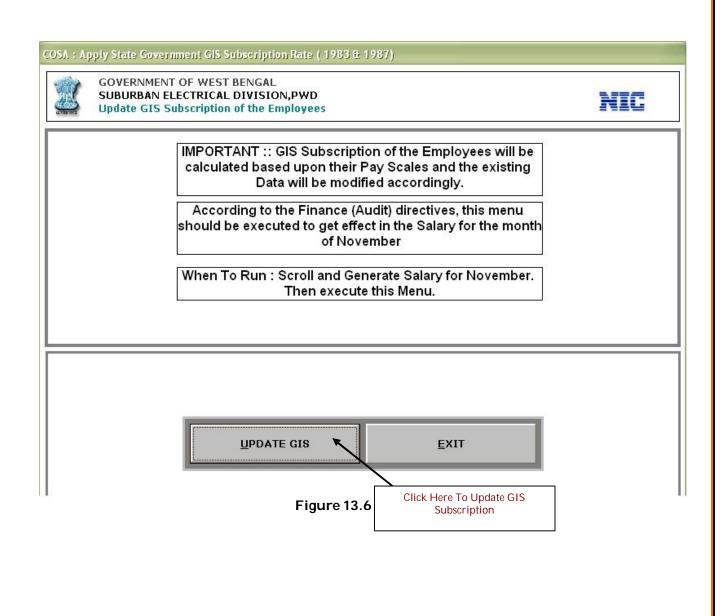
COSA

Page 253 of 277

ADMIN: UPDATE GIS IN NOVEMBER

UPDATE GIS SUBSCRIPTION OF THE EMPLOYEES (Screen: 149)

To be used in: Finance Department, Government of West Bengal **Purpose**: This form is used to update GIS Subscription of the Employee. First Scroll & Generate Salary for the month then executes this menu.

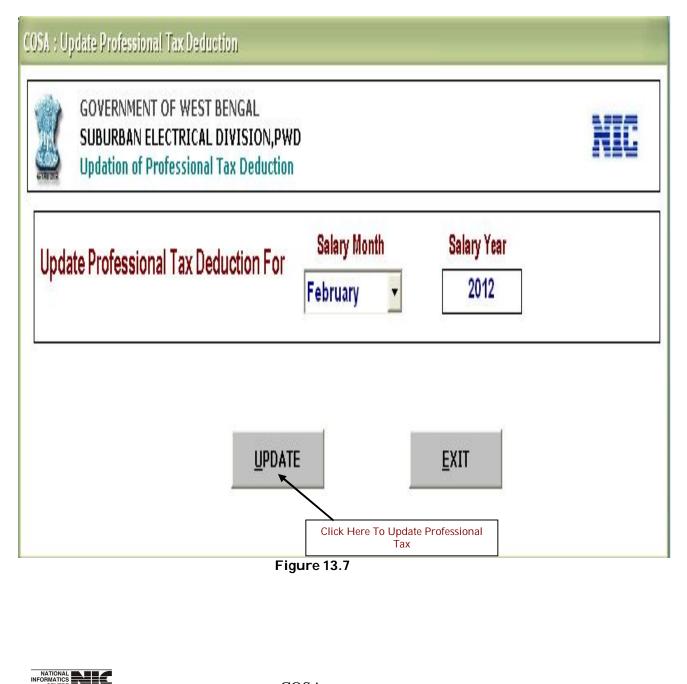




ADMIN: UPDATE P.TAX DEDUCTION

UPDATION SCREEN OF PROFESSIONAL TAX DEDUCTION (Screen: 150)

To be used in: Finance Department, Government of West Bengal **Purpose**: First select Month & put Salary Year, then Click <UPDATE> to update P.Tax Deduction. It will take a few minutes to complete.





UPDATION SCREEN OF PROFESSIONAL TAX DEDUCTION (Screen: 151)

To be used in: Finance Department, Government of West Bengal **Purpose**: First select Month & put Salary Year, then Click <UPDATE> to update P.Tax Deduction. It will take a few minutes to complete.

	GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISION,PWI Updation of Professional Tax Deduction			NIC
Upda	te Professional Tax Deduction For	Salary Month February	Salary Year 2012	
		COSA 🔀		

Figure 13.8



ADMIN: APPLY NEW DA RATE

APPLY NEW DA RATE FOR STATE GOVERNMENT EMPLOYEES (Screen:152)

To be used in: Finance Department, Government of West Bengal **Purpose**: Dearness Allowances of all State Government Employees will be changed as per the last DA Rate. This will affect the Monthly Salaries from the months appropriate to the effect date for DA Rate as entered in the DA Rate Table. DA will be calculated considering Basic Pay and Non-Practicing Pay. Click <Apply New DA Rate> button to change the DA Rate.

epartment	PUBLIC WORKS DEPARTMENT - Salary Month Feb	ruary 🚽
stablishment	B.G.L. EL. SEC., PWD Salary Year 2012	2 -
	Service Type State	
	DA of All Selected Employees will be updated with New DA Rate (%) FOR 2009 45 %	

Figure 13.9

ADMIN: APPLY STATE-HRA RATE

APPLY NEW HRA RATE FOR STATE GOVERNMENT EMPLOYEES (Screen: 153)

To be used in: Finance Department, Government of West Bengal **Purpose**: House Rent Allowances of all State Government Employees will be changed as per the HRA Rate. To apply new HRA Rate Click <Apply New HRA Rate> button, then Click 'Yes'.

COSA : New HRA Rate for State Government Employees	
GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISION,PWD Apply New HRA Rate for State Government	NIC
Mont AGRE	applied from 01/04/2009 ! Fect the
	Click Here
APPLY NEW HRA RATE	EXIT
NATIONAL NECTOR COSA	Page 258 of 277

Figure 13.11

ADMIN: APPLY NEW DA RATE

APPLY NEW DA RATE FOR CENTRAL GOVERNMENT EMPLOYEES (Screen:154)

To be used in: Finance Department, Government of West Bengal **Purpose**: Dearness Allowances of all Central Government Employees will be changed as per the new DA Rate. Select department and then establishment. If you want to apply new DA Rate for State Government then select service type=GOI. Then click on <OK>. Then click on <Proceed>, it will take few minutes to complete.

COSA : New DA Rate		- 9
SUBURB	IMENT OF WEST BENGAL AN ELECTRICAL DIVISION,PWD ew DA Rate	IC
Department	PUBLIC WORKS DEPARTMENT Salary Month February	
Establishment	B.G.L. EL. SEC., PWD Salary Year 2012	8
	Service Type State	
	Figure 13.12	



COSA

Page 259 of 277

ADMIN: APPLY GOI-HRA RATE

APPLY NEW HRA RATE FOR CENTRAL GOVT. EMPLOYEES (Screen:155)

To be used in: Finance Department, Government of West Bengal **Purpose**: House Rent Allowances of all Central Government Employees will be changed as per the HRA Rate. To apply new HRA Rate Click <Apply New HRA Rate> button, then Click 'Yes'.

COSA : New HRA Rate for Central Government Employees	
GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISION,PWD Apply New HRA Rate for Central Government Employees	NIC
IMPORTANT :: House Rent Allowances of All Central Government Employees will be changed as per the last HRA Rate in the HRA Rate table and this will affect the Mont Dat New HRA Rate for Central Government Employees e Effect Table 30% HRA Rate will be applied from 12/01/1998 ! AGREED ? No	
Click Here	
Figure 13.13	



National Informatics Centre

COSA

Page 260 of 277

ADMIN: UPDATE INCREMENT DATE

UPDATE PAY INCREMENT MONTH (Screen: 156)

To be used in: Finance Department, Government of West Bengal **Purpose**: This form is to update pay increment month. Click on <Update> to update pay increment month.

COSA : Update Incre	ement Date		
SUBURE	IMENT OF WEST BENGAL AN ELECTRICAL DIVISION,PWD Pay Increment Month		NIC
Department	PUBLIC WORKS DEPARTMENT	Salary Month February	
Establishment	B.G.L. EL. SEC., PWD	✓ Salary Year 2012 ✓	
Update Increr	nent Month (01/MM/YYYY) of all Empl	oyeesto 01 / 07 / 2009	
SI.No. PF Cod	e Employee Name	Basic Pay Incr.Amt.	Incr.Due on
	HELP JPDATE	<u>P</u> RINT <u>E</u> XIT	
	Figure 13.	14	
	Click Here		
NATIONAL INFORMATICS CENTRE THE IT SUPPORT PROFESSIONALS	COSA		
lational Informa	itics Centre	Page 261 of 277	

ADMIN: READ ME

TIPS (Screen: 157)

To be used in: Finance Department, Government of West Bengal **Purpose**: This page provides some important tips regarding this Package. Read this instruction carefully before start. Click on <More Info> to read more tips.

	Help Desk
Government of West Bengal COSA : Important Tips	Phone No. (033) 2214 3206 Email : mm@writers.wb.nic.in pkghosh@writers.wb.nic.in
After Installation, Data Entry Sequence is : Master	r Data -> Basic Information -> Department -> Establishment -> User Administra
Establishment Name is the Pay Bill Name by whi	ch it is referred to , say Bill-1 or, Gazetted or, Part-9 etc.
. Codes relating to Department, Establishment etc.	are Computer Generated. Only Name, Head of Accounts are to be Entered.
Do NOT Edit Description of Existing Directory Da	ata viz. Designation, Pay Allowances etc. Add if necessary.
After Master Data Entry is Completed, Data Entry	Sequence is Personnel Information Entry -> Monthly Salary Data
PF Loan / PF Arrear / Other Loan Informations rela	ating to Principal Amounts etc. to are to be Done through respective Menu iten
Delete Employee Option should Not be often Use	ed. To Stop Salary Temporarily, Use Stop Salary Option in Personnel Informe
FOLLOW INSTRUCTIONS ON THE SCREEN CA	AREFULLY FOR EACH DATA OPERATION. THIS IS VERY IMPORTANT !!
Generate Data for Next Month Only If Pay Bill is Co	ompleted for Current Month ! Data Once Generated can NOT be Re-Generate
0. Take Backup of the Database on Every COSA \	Working Day. Keep atleast 2 Sets of Database Backup in Floppies.
1. SHORT DATE FORMAT should be : dd/mm/yy	yy And DATE SEPARATOR Should be : / Otherwise there will be ERRO
2. For the first month to implement COSA, you have	e to take pain in entering data etc. But Next Month onwards, you will have nice
	entation does NOT Require any Database Engine 3 or, upwards OS based Machine is Sufficient !
COSA is designed in such manner so as to supp	port RDBMS like MS SQL Server as backend database.
	Figure 13.14
	Click Here

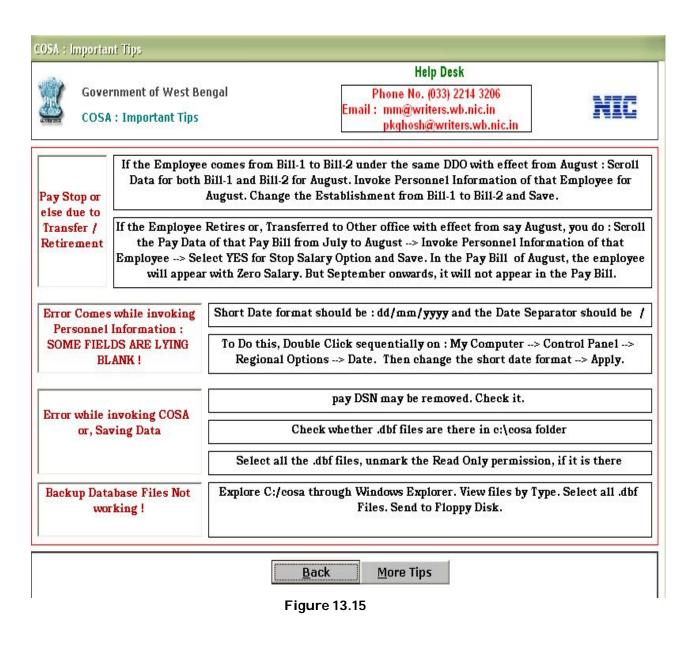
Page 262 of 277

National Informatics Centre

ADMIN: READ ME

TIPS (Screen: 158)

To be used in: Finance Department, Government of West Bengal **Purpose**: This page provides some more tips regarding COSA. Read this instruction carefully before start.





National Informatics Centre

COSA

Page 263 of 277

ADMIN: FOR MEDICAL OFFICERS

MODULE FOR INDIVISUAL PAY SLIP(Screen:159)

To be used in: Finance Department, Government of West Bengal **Purpose**: This form generates individual pay slip. Select department, establishment, pay year, pay month. Then select G.P.F Ac/No and percentage to generate individual pay slip for officers.

NEW DP AND DA FOR MEDICAL OFFICERS			
SUBURBAN ELECTRICAL DIVISION,P	GOVERNMENT OF WEST BENGAL SUBURBAN ELECTRICAL DIVISION,PWD Generation Module for Individual Monthly Pay Slip		
Select Department	PUBLIC WORKS DEPARTMENT	_	
Select Establishment	ALIPORE EL. SUB-DIVN., PWD	•	
Pay Year	2012		
Pay Month	February		
Select G.P.F.A/c No.	WORKS/WB/23033		
Select Percentage	30 %		
<u> </u>	ERATE <u>E</u> XIT		
RATIONAL INFORMATICS CEVTRE NICC	igure 13.17		
THE IT SUPPORT PROFESSIONALS lational Informatics Centre	COSA	age 264 of 277	

			HELP			
This menu	is for Help to a	II User.By C	Clicking is menu	a windov	v will ope	n
<mark>Screen:</mark> 1 COSA : Main N						
	CTORY SALARY ECS/E	PS etc. QUERY	REPORTS Oth.Reports	Gr. D GPF	ADMIN HELP	EXIT
200	-					
080						
111	Computerisa	tion of Sala	ary Accounts (C	OSA)		
ख्य सत्यमंब जव						
	1					
						12:22:28 PM
	<		Super User			

National Informatics Centre

Page 265 of 277

Then click on >OPEN COSA HELP FILE and Solve your quiries. (Screen:161)

HELP	
Government of West Bengal Computerization Of Salary Accounts	NIC
OPEN COSA HELP FILE	
EXIT	

Figure 13.19



Chapter – 14: Do's And Don'ts For DDOs

<u>DO'S</u>

- Keep Printed User Manual of COSA with you during day-today operation of COSA
- 2. Consult COSA Operating Manual available under Help Menu to quickly solve operational issues
- 3. Ensure to install COSA database in single PC
- 4. Keep earmarked PC for COSA in healthy condition
- 5. Take Backup of COSA Database regularly without any fail using Backup Utility available in COSA
- 6. Take COSA backup in PC hard disk and in redundant Removable media (USB Pen drive, HDD etc.)
- Opt for Pay Stop option of Personnel Info Menu only after Scrolling of Monthly data
- 8. Install Anti-virus software in PC earmarked for COSA
- 9. For critical problems, consult COSA Support Team
- 10. When new DA announces, Apply new DA Rate from ADMIN menu only after Scrolling
- 11. In case of employee Transfer/Death/VRS , Stop the salary from Personnel menu after scrolling

DON'TS

- 1. Do not operate COSA in Standalone mode in more than 1 location to avoid losing data integrity
- 2. Do not share Administrator Password with common user to avoid tampering of Master data
- 3. Do not use COSA earmarked PC for other purposes as much as possible
- 4. Do not operate COSA Database in Raw Mode (without through COSA application)
- 5. Do not use Removable Media (earmarked for COSA backup) for other purposes
- 6. Do not Delete employee, in case of employee Transfer/Death



National Informatics Centre

COSA

Page 267 of 277

Chapter – 15: GLOSSARY

ABBREVIATION

- AAO Assistant Accounts Officer
- ADO Agriculture Development Officer
- AMC Annual Maintenance Contract
- AO Accounts Officer
- CD Compact Disk
- COSA Computerization of Salary Accounts
- DDO Drawing and Disbursement Officer
- DEO Data Entry Operator
- DLI Deposited Link Insurance
- DM District Manager
- DOA Department of Agriculture
- DOS Disk Operating System
- DRW Daily Rated Worker
- DU District Unit
- EPF Employee Provident Fund
- FAO Finance & Account Officer
- GO Government Order
- GOI Government of India
- GOWB- Government of West Bengal
- HDD Hard Disk Drive
- HQ Head Quarter
- IT Information Technology
- JAO Junior Accounts Officer
- LAN Local Area Network
- MD Managing Director
- MIS Management Information System
- MS Microsoft
- NIC National Informatics Centre
- NICSI National Informatics Centre Service Incorporated
- OIC Officer In-charge
- OS Operating System
- PAO Principal Agricultural Officer
- PC Personal Computer
- PFS Pension Fund System
- PL Project Leader
- PM Project Manager
- PSA Principal Systems Analyst
- QMS Quality Management System
- QRG QMS Review Group



National Informatics Centre

COSA

Page 268 of 277

RAM - Random Access Memory

RDBMS- Relational Database Management System

- SAO Sub-divisional Agricultural Officer
- SC Schedule Cast
- SDG Software Development Group
- SRS System Requirement Specification
- ST Schedule Tribes
- UM User Manual
- UPS Uninterrupted Power System
- WBSC West Bengal State Centre
- WBSSCL- West Bengal State Seed Corporation Ltd.
- XP Extreme Programming



Chapter – 16: ACHIEVEMENT

- A) Issuance of G.O. No. 9491-F Dated 20-09-2002 by WB
- B) COSA has bagged the Good E-Governance Project Award in the Microsoft Leadership Summit 2007 held in New Delhi, on 27th November 2007





COSA

Page 270 of 277

Chapter – 17 Troubleshooting Tips

1. **Issue**: I cannot login. Error message shows: "Wrong User Id/Password! Please Try Again".

Answer: Error message indicates that an incorrect Logon ID and/or password were entered. Please verify that the correct Logon ID and password were entered. The **password** is **case sensitive**. Make sure you have completed the registration process.

2. **Issue**: "Wrong User Id./Password! Please Try Again" message is displayed sometime.

Answer : Please Ensure that Caps Lock is not On. The **user id and password** is **case sensitive**.

3. **Issue**: After Clicking the Print Icon, the printing of the document can not be started.

Answer : Please Ensure that the Printer device is correctly connected.

4. **Issue**: While Taking the printout of the IP/NOC ,the format of the document is distorted.

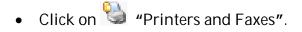
Answer : Please follow the following Steps:--



• Click on "Start" and then Click on "Control Panel".







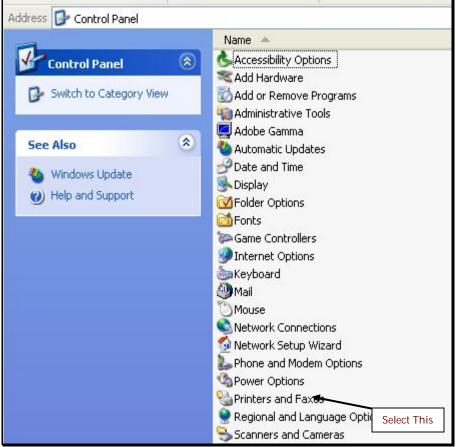


Figure 16.2

• On Clicking, Below page is displayed.



Page 273 of 277

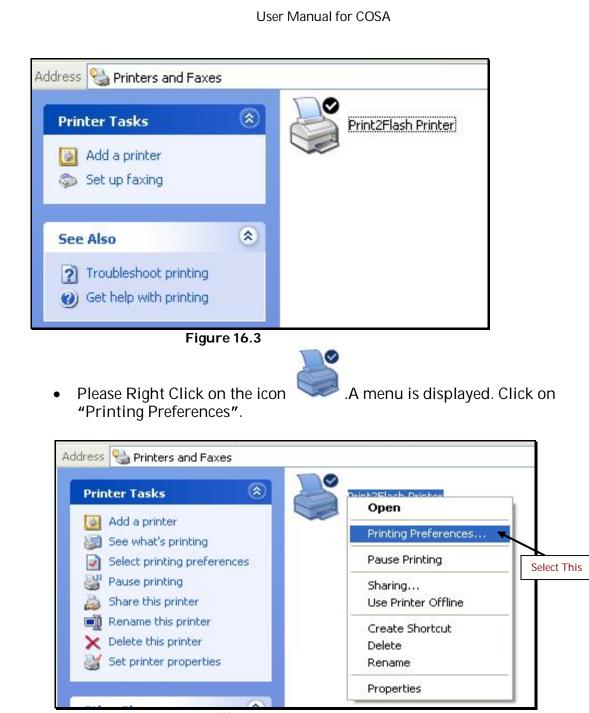


Figure 16.4



Page 274 of 277

• On Clicking, below page is displayed.

Address 🍓 Print	ters and Faxes
Printer Tas	💩 Print2Flash Printer Printing Preferences 🛛 🛛 🔀
 Add a pr See what Select pr Select pr Pause pr Share the Rename Celete the Set print 	Layout Page Orientation A • Portrait A • Page Size • Standard: Letter • Custom:
Other Place Control I Scanner My Docu	Resolution Resolution: 192 + dpi Advanced Default Document Options
Details	OK Cancel Apply Help

Figure 16.5



• Please Select the A4 Page Size from the Standard Dropdownlist.

Address 🦓 Print	ers and Faxes	
Printer Tas	💩 Print2Flash Pri	nter Printing Preferences
 Add a pr See what Select pr Pause pr Share th 	Layout Page Orientation	ait 🔥 C Landscape
Rename X X Delete ti	Page Size	Letter
Other Place	C Custom:	Letter Small Tabloid Ledger Legal Statement
Control I	Resolution:	Executive A3 A4
🕒 My Docu 😬 My Pictu 🌛 My Com	Advanced	A4 Small A5 B4 (JIS) B5 (JIS)
Details	ОК	Folio Quarto 10×14 11×17

Figure 16.6



• Please Click "Ok".

ddress 👒 Printers and Faxes Printer Tas S Print2Flash Printer Printing Preferences	
Add a pr See wha Select pr Pause pr Share th Rename Celete th Set print	Layout Page Orientation A Page Size Standard: A4 C Custom:
Other Place Control I Scanner My Docu My Pictu	C Custom: Inch resolution Resolution: 192 ÷ dpi Advanced Default Document Options
Details	OK Cancel Apply Help Figure 16.7

• Please Then Click Print Icon of the Document.PrintOut with Proper format can now be generated.

