

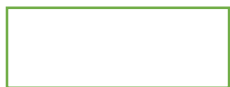
Data Flow Diagram

The DFD (also known as the bubble chart) is a simple graphical formation that can be used to represent a system in terms of the input data to the system. DFDs can also be used for the visualization of data processing (Structure Design).

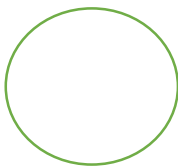
On a DFD, data items flow from an external data source or an internal data store to an internal data store or an external data sink, via internal process.

The main Reason why the DFD technique is so popular is probably because of the fact that DFD is a very simple formation, it simple to understand ad use. A DFD model uses a very limited number of primitive symbol to represent the functions performed by a system and the data flow among the functions.

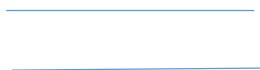
The symbols are:



External Entity



Process

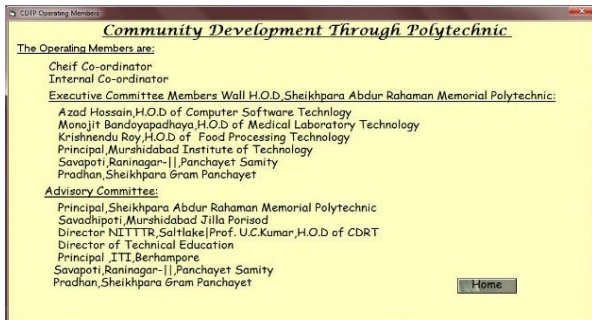


Data store



Data Flow

Diagram



Log In

ENTER REQUIRED INFORMATION

User id: cdtp

Registration Form No.: ABC4821

Application Date: 08/2009

Name: Krishna Kamal Mandal

Address Line 1: Bural

Address Line 2: Barajga

Address Line 3: Sabog

District: Paschim Medinipur

State: West Bengal

PIN: 721144

% of Marks: 96

Image Path: E:\Doc\Family\pic\me\me1.jpg

Admission Date: 03/2010

Release Date: 7/7/2010

Print App. Form

Print Certificate

Add New

Save Profile

Modify

Delete

Home

Quit

What is CDTP?

CDTP Operating Member

Print Application Form

Sheikhpura Abdur Rahaman Memorial Polytechnic

P.O.: Sheikhpura, Dist.: Murshidabad, PIN: 742308, Fax: 03481-242167

Application Form

Course Name:

Applicant's Name:

C/O:

Address:

Date of Birth:

Gender:

Citizenship:

Caste:

Educational Qualification:

BPL No.:

Marital Status:

Physically Handicapped: Yes/No

Mobile:

Email id (if any):

Date:

Applicant's Signature

Form No.:

Stamp Of The Institution

N.B. Proof have to submitted in case of ** Fields Visitor card must.

What is CDTP?

Collaboration with the agencies

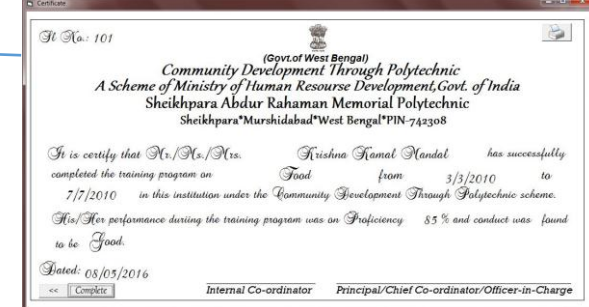
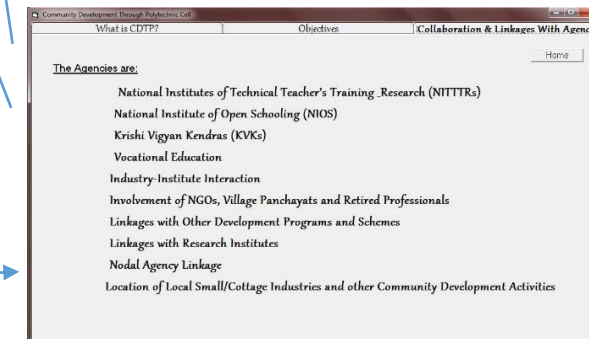
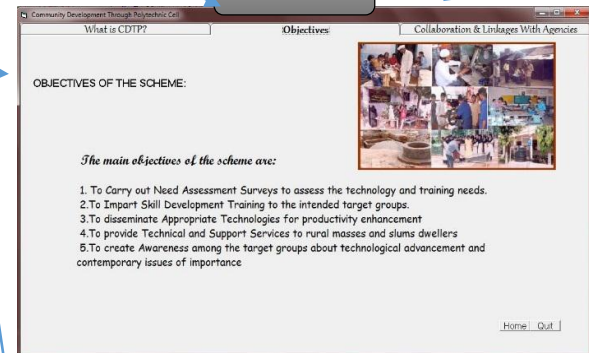
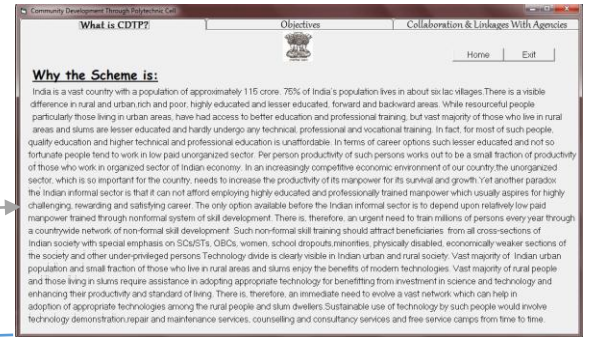
Home

Logout

OK

Print Certificate

Home



Form Description

The user is welcomed by this page. From this page you can go to CDTP information, operating member wall & Log in Form.



The Page consist of four buttons:

- *What is CDTP?*
- *CDTP Operating Members*
- *Log In*
- *Quit*

CODES

- What is CDTP?

```
Private Sub cdtP_Click()  
Me.Hide  
About.Show  
End Sub
```

- Operating Members

```
Private Sub oper_Click()  
Unload Me  
opm.Show  
End Sub
```

- Log In

```
Private Sub log_Click()  
Unload Me  
login.Show  
End Sub
```

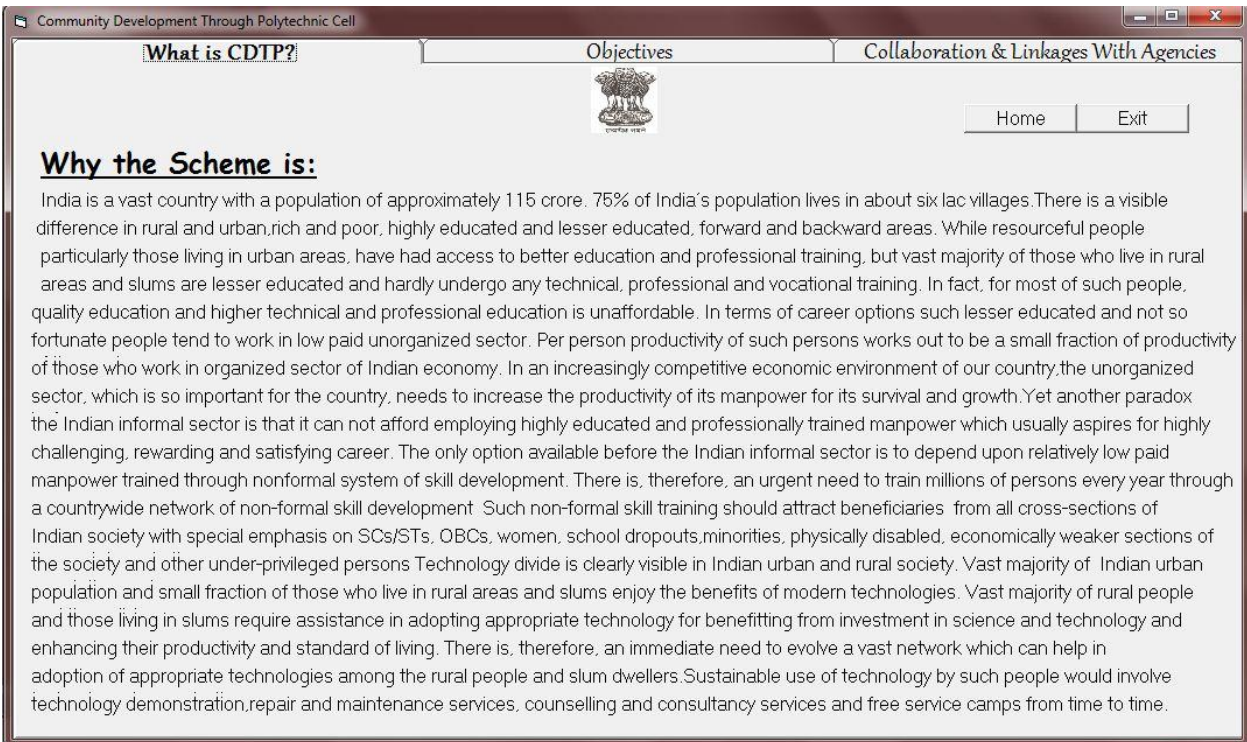
- Quit

```
Private Sub end_Click()  
End  
End Sub
```

If you press the “What is CDTP?” button you will face the form on next page.

Form Description

This page consist of 3tabs & 2buttons with general information.



CODES

- **Home**

```
Private Sub hm_Click()
```

```
init.Show
```

```
Me.Hide
```

```
End Sub
```

- **Exit**

```
Private Sub Command1_Click()
```

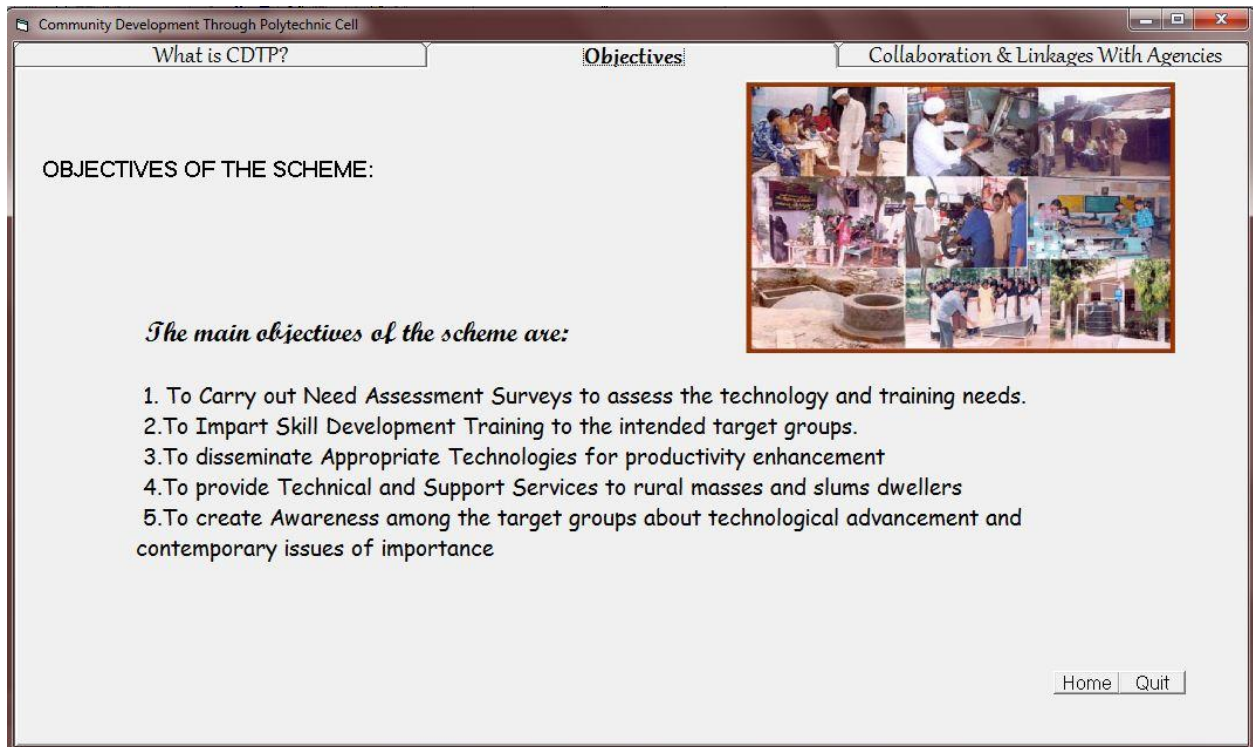
```
init.Show
```

```
Me.Hide
```

```
End Sub
```

Here, if you change the tabs you face the 2tabs & 3buttons discussed on next page.

Tab Description



CODES

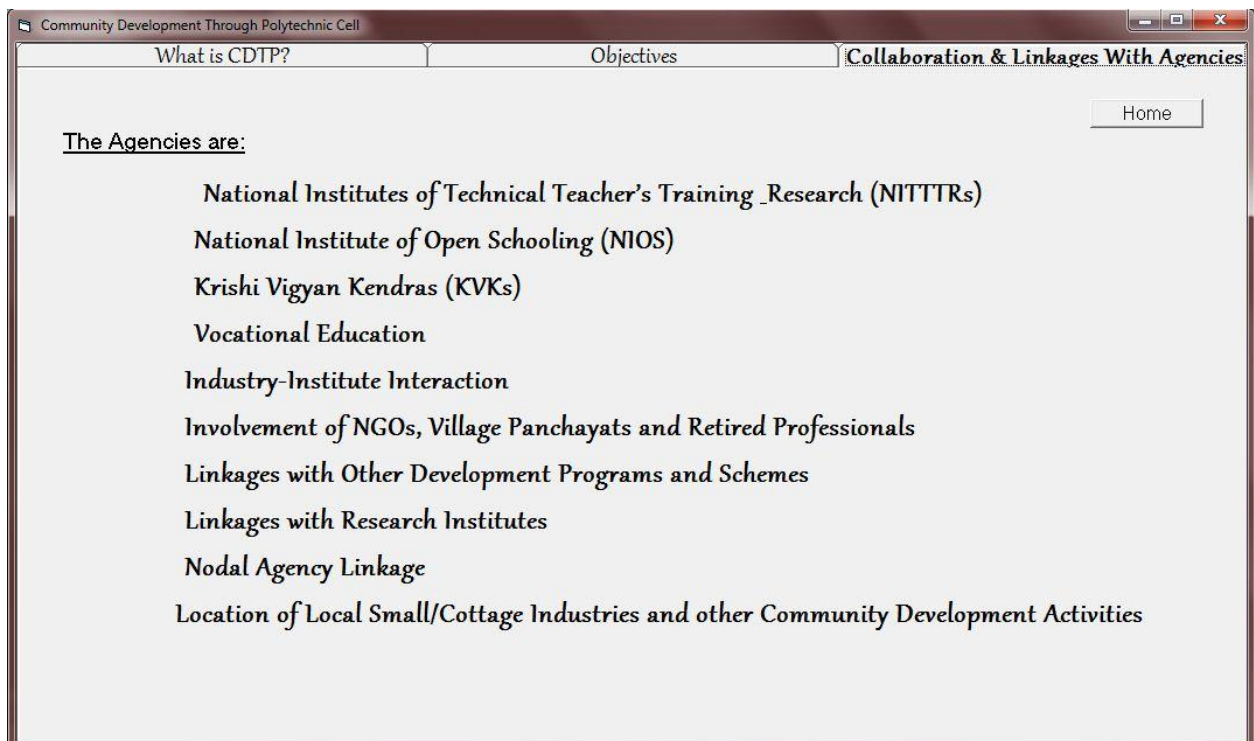
- **Home**

```
Private Sub Command1_Click()  
init.Show  
Me.Hide  
End Sub
```

- **Quit**

```
Private Sub exit_Click()  
End  
End Sub
```

Tab Description



CODES

○ **Home**

```
Private Sub home_Click()  
init.Show  
Me.Hide  
End Sub
```

After that you are in Welcome form & from here you can go to the form CDTP operating member page.

Form Description

So, from here you can go to the Welcome page.



The screenshot shows a web browser window with the title 'CDTP Operating Members'. The main content area has a yellow background and is titled 'Community Development Through Polytechnic'. Below the title, it lists the operating members and the executive committee members. The operating members are listed under the heading 'The Operating Members are:'. The executive committee members are listed under the heading 'Executive Committee Members Wall H.O.D, Sheikhpara Abdur Rahaman Memorial Polytechnic:'. The advisory committee members are listed under the heading 'Advisory Committee:'. A 'Home' button is located at the bottom right of the form.

The Operating Members are:

Cheif Co-ordinator
Internal Co-ordinator

Executive Committee Members Wall H.O.D, Sheikhpara Abdur Rahaman Memorial Polytechnic:

Azad Hossain, H.O.D of Computer Software Technology
Monojit Bandoyapadhaya, H.O.D of Medical Laboratory Technology
Krishnendu Roy, H.O.D of Food Processing Technology
Principal, Murshidabad Institute of Technology
Savapoti, Raninagar-||, Panchayet Samity
Pradhan, Sheikhpara Gram Panchayet

Advisory Committee:

Principal, Sheikhpara Abdur Rahaman Memorial Polytechnic
Savadhipoti, Murshidabad Jilla Porisod
Director NITTTTR, Saltlake | Prof. U.C. Kumar, H.O.D of CDRT
Director of Technical Education
Principal, ITI, Berhampore
Savapoti, Raninagar-||, Panchayet Samity
Pradhan, Sheikhpara Gram Panchayet

[Home](#)

CODES

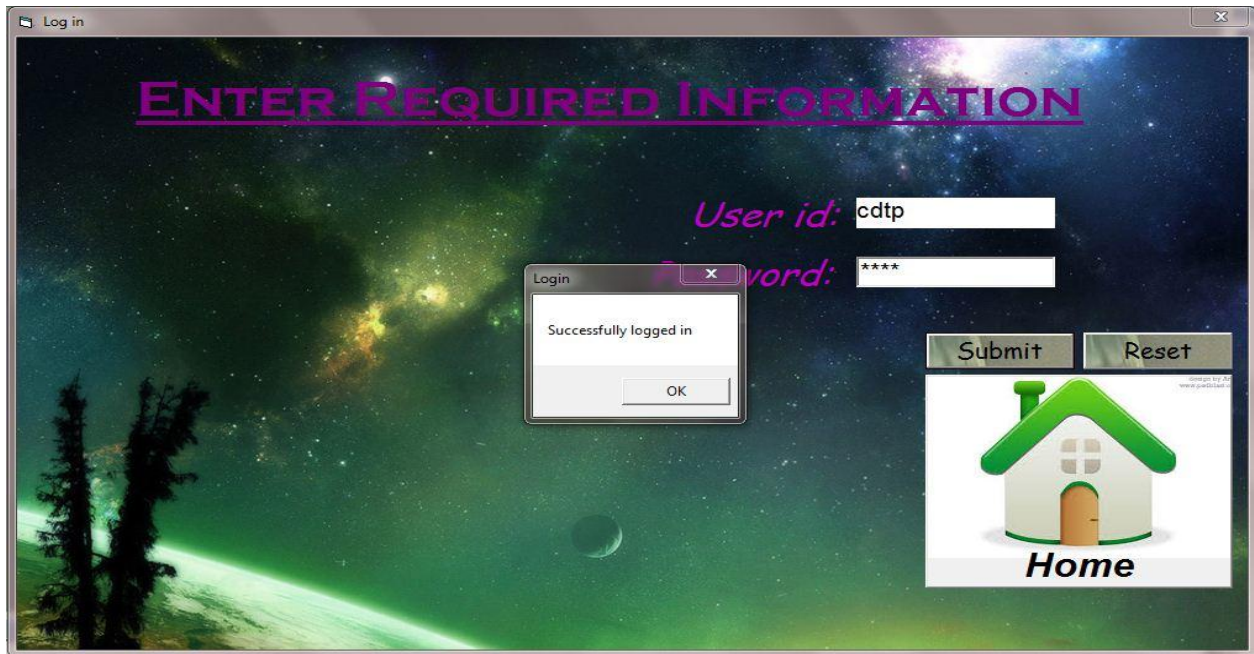
○ ***Home***

```
Private Sub Command1_Click()  
Me.Hide  
init.Show  
End Sub
```

By returning in home page clicking by Log In button you face the page like as next page...

Form Description

If you know the user id & password then you can able to go to registration Form. This page consist of 3 buttons describe below.



CODES

In this form a function has defined like that.

```
Private Sub TBclear()
```

```
Text1.Text = ""
```

```
Text2.Text = ""
```

```
End Sub
```

& the codes of buttons are:

- **Home**

```
Private Sub home_Click()
```

```
init.Show
```

```
Unload Me
```

```
End Sub
```

- **Submit**

```

Private Sub Submit_Click()
If Text1.Text = "cdtp" Then
    If Text2.Text = "cdtp" Then
        MsgBox "Successfully logged in", , "Login"
        r.Show
        Unload Me
    Else
        MsgBox "Login Failed!!Try Again", , "Login"
        Text1.SetFocus
    End If
Else
    MsgBox "User id should be filled up!", , "Login"
    Text1.SetFocus
End If
End Sub

```

○ Reset

```

Private Sub reset_Click()
TBclear
End Sub

```

In This page if you are able to login then you can face the form registration & here you can add,delete,edit the data & return to home page or General information page & operating member page Or can be printed application form & Certificate or can be close the project.

Form Description

The Registration form is Like that:

The screenshot shows a 'Registration' form window. At the top, it says 'Application Date: 8/8/2009' and 'Form No.: ABC4321'. The form is divided into two main sections. The left section contains personal details: Id (101), Name (Krishna Kamal Mandal), C/o (Kshitish Ch. Mandal), Date Of Birth (10/14/1995), Gender (male), Caste (Gen), Religion (Hindu), Citizenship (Indian), Marital Status (Single), Contact (789456123), Email Id (krishnakamal69@outlook.com), BPL No. (No), Physically Handicaped (No), Educational Qualification (Diploma in CSWT), and Taken Course (Food). The right section contains address details: Address Line 1 (Bural), Address Line 2 (Barjagu), Address Line 3 (Sabog), District (Paschim Mednipur), and State (West Bengal). A small photo of a man is visible on the right. A 'Save Record' dialog box is open in the center, displaying 'Record Saved Successfully.' with an 'OK' button. Below the form, there are buttons for 'Add New', 'Save Profile', 'Modify', 'Delete', and navigation arrows. At the bottom, there are buttons for 'CDTP Operating Member', 'Home', 'Quit', and 'What is CDTP?'. A footer note states '*Dates are in this format: mm/dd/yyyy'.

CODES

In this form some function is defined. The codes of buttons & functions are:

- **Form Load**

Private Sub Form_Load()

TBlock

End Sub

- **TBlock**

```
Private Sub TBlock()  
Text1.Locked = True  
Text2.Locked = True  
Text3.Locked = True  
Text4.Locked = True  
Text5.Locked = True  
Text6.Locked = True  
Text7.Locked = True  
Text8.Locked = True  
Text9.Locked = True  
Text10.Locked = True  
Text11.Locked = True  
Text12.Locked = True  
Text13.Locked = True  
Text14.Locked = True  
Text15.Locked = True  
Text16.Locked = True  
Text17.Locked = True  
Text18.Locked = True  
Text19.Locked = True  
Text20.Locked = True  
Text21.Locked = True  
Text22.Locked = True  
Text24.Locked = True  
Text25.Locked = True  
Text26.Locked = True
```



```
Text27.Locked = True  
lpic.Visible = False  
End Sub
```

- **TBunlock**

```
Private Sub TBunlock()  
Text1.Locked = False  
Text2.Locked = False  
Text3.Locked = False  
Text4.Locked = False  
Text5.Locked = False  
Text6.Locked = False  
Text7.Locked = False  
Text8.Locked = False  
Text9.Locked = False  
Text10.Locked = False  
Text11.Locked = False  
Text12.Locked = False  
Text13.Locked = False  
Text14.Locked = False  
Text15.Locked = False  
Text16.Locked = False  
Text17.Locked = False  
Text18.Locked = False  
Text19.Locked = False  
Text20.Locked = False  
Text21.Locked = False  
Text22.Locked = False  
Text24.Locked = False  
Text25.Locked = False  
Text26.Locked = False
```

```
Text27.Locked = False  
lpic.Visible = True  
End Sub
```

- **TBclear**

```
Private Sub TBclear()  
Text1.Text = ""  
Text2.Text = ""  
Text3.Text = ""  
Text4.Text = ""  
Text5.Text = ""  
Text6.Text = ""  
Text7.Text = ""  
Text8.Text = ""  
Text9.Text = ""  
Text10.Text = ""  
Text11.Text = ""  
Text12.Text = ""  
Text13.Text = ""  
Text14.Text = ""  
Text15.Text = ""  
Text16.Text = ""  
Text17.Text = ""  
Text18.Text = ""  
Text19.Text = ""  
Text20.Text = ""  
Text21.Text = ""  
Text22.Text = ""  
Text23.Text = ""  
Text24.Text = ""  
Text25.Text = ""
```

```
Text26.Text = ""
Text27.Text = ""
Label17.Caption = ""
Image1.Picture = Nothing
End Sub
```

- **Add New**

```
Private Sub Add_Click()
ans = MsgBox("Are You Sure to ADD a new?", vbInformation + vbYesNo,
"New")
If ans = vbYes Then
    Adodc1.Refresh
    TBunlock
    TBClear
    Text1.SetFocus
    Adodc1.Refresh
    Adodc1.Recordset.AddNew
    End If
End Sub
```

- **Save Profile**

```
Private Sub save_Click()
On Error Resume Next
Adodc1.Recordset.Update
    MsgBox ("Record Saved Successfully. "), vbInformation, "Save Record"
TBlock
End Sub
```

- **Modify**

```
Private Sub Edit_Click()
ans = MsgBox("Are U Sure to Modify data?", vbInformation + vbYesNo,
"Modify Data")
If ans = vbYes Then
```

```
TBunlock
Text1.SetFocus
End If
End Sub
```

- **Delete**

```
Private Sub del_Click()
On Error GoTo err
ans = MsgBox("Are you Sure to Delete the Record?", vbExclamation +
vbYesNo, "Delete Record")
If ans = vbYes Then
    Adodc1.Recordset.Delete
    Adodc1.Recordset.MovePrevious
End If
err:
If err.Number <> 0 Then
    MsgBox ("Empty Data Row!Please click on " > " button"), vbCritical,
"Error"
End If
End Sub
```

- **First Record**

```
Private Sub first_Click()
On Error GoTo err:
Adodc1.Recordset.MoveFirst
MsgBox ("This is the First Record in Database!"), vbExclamation,
"Record Search"
If Adodc1.Recordset.BOF Then
    Adodc1.Recordset.MoveFirst
    MsgBox ("This is the First Record in Database!"), vbExclamation,
"Record Search"
End If
```



```
err:
    MsgBox "Try Again!"
End Sub
```

- **Last Record**

```
Private Sub last_Click()
    On Error GoTo err:
    Adodc1.Recordset.MoveLast
```

```
MsgBox ("This is the Last Record in Database!"), vbExclamation,
"Record Search"
```

```
    If Adodc1.Recordset.EOF Then
        Adodc1.Recordset.MoveLast
    MsgBox ("This is the Last Record in Database!"), vbExclamation,
    "Record Search"
    End If
err:
    MsgBox "Try Again!"
End Sub
```

- **Previous**

```
Private Sub prev_Click()
    On Error GoTo err
    Adodc1.Recordset.MovePrevious
    If Adodc1.Recordset.BOF Then
        Adodc1.Recordset.MoveFirst
        MsgBox ("This is the First Record in Database!"), vbExclamation,
        "Record Search"
    End If
err:
    If err.Number <> 0 Then
        MsgBox ("Please Try Again!"), vbCritical, "Error"
```

```
End If
End Sub
```

- **Next**

```
Private Sub next_Click()
On Error GoTo err
Adodc1.Recordset.MoveNext
If Adodc1.Recordset.EOF Then
    Adodc1.Recordset.MoveLast
    MsgBox ("This is the Last Record in Database!"), vbExclamation,
"Record Search"
End If
err:
If err.Number <> 0 Then
    MsgBox ("Please Try Again!"), vbCritical, "Error"
End If
End Sub
```

- **Home**

```
Private Sub home_Click()
Me.Hide
init.Show
End Sub
```

- **Load Picture**

```
Private Sub lpic_Click()
CommonDialog1.FileName = ""
CommonDialog1.Filter = "JPEG Files | *.jpg | GIF Files | * .gif | All Files | *.*"
CommonDialog1.ShowOpen
Label17 = CommonDialog1.FileName
If Len(Trim(Label17)) < 1 Then
    Exit Sub
```

End If

Image1.Picture = LoadPicture(Label17)

End Sub

- **Quit**

Private Sub quit_Click()

End

End Sub

- **Search by id**

Private Sub Search_Click()

On Error Resume Next

Tbunlock

Adodc1.RecordSource = "Select *from Student where id='" & Text23 & "'"

Text1.Text = Val(Text23.Text)

Text2.Text = Adodc1.Recordset("nam")

Text3.Text = Adodc1.Recordset("fname")

Text4.Text = Adodc1.Recordset("dob")

Text5.Text = Adodc1.Recordset("gender")

Text6.Text = Adodc1.Recordset("caste")

Text7.Text = Adodc1.Recordset("religion")

Text8.Text = Adodc1.Recordset("citizenship")

Text9.Text = Adodc1.Recordset("marst")

Text10.Text = Adodc1.Recordset("mob")

Text11.Text = Adodc1.Recordset("email")

Text12.Text = Adodc1.Recordset("bpl")

Text13.Text = Adodc1.Recordset("ph")

Text14.Text = Adodc1.Recordset("eq")

Text15.Text = Adodc1.Recordset("cname")

Text16.Text = Adodc1.Recordset("add1")

Text17.Text = Adodc1.Recordset("add2")

Text18.Text = Adodc1.Recordset("add3")

Text22.Text = Adodc1.Recordset("district")

Text19.Text = Adodc1.Recordset("state")

```
Text20.Text = Adodc1.Recordset("pin")
Text21.Text = Adodc1.Recordset("marks")
Text24.Text = Adodc1.Recordset("apdt")
Text26.Text = Adodc1.Recordset("admdt")
Text27.Text = Adodc1.Recordset("reldt")
LabelNew.Caption = Adodc1.Recordset("picture")
Image1.Picture = LoadPicture(LabelNew)
TBlock
End Sub
```

- **Print App. Form**

```
Private Sub appform_Click()
Me.Hide
ppi.Show
End Sub
```

- **Print Certificate**

```
Private Sub Cert_Click()
abcd.Label25.Caption = Text1.Text
abcd.Label7.Caption = Text2.Text
abcd.Label10.Caption = Text15.Text
abcd.Label12.Caption = Text26.Text
abcd.Label14.Caption = Text27.Text
abcd.Label17.Caption = Text21.Text
Me.Hide
abcd.Show
End Sub
```



- **What is CDTP?**

```
Private Sub cdtp_Click()
Me.Hide
About.Show
End Sub
```


- **CDTP Operating Member**
Private Sub oper_Click()
Unload Me
opm.Show
End Sub

Form Description

From here you can print application form.

Application Form	
	<div>Prev.</div> <div>Quit</div>
	
<p align="center"> Sheikhpara Abdur Rahaman Memorial Polytechnic (Govt. of West Bengal) P.O.:Sheikhpara,Dist.:Murshidabad,PIN:742308,Fax:03481-242167 <u>Application Form</u> </p>	
Course Name:..... Applicant's Name:..... C/O:..... Address:..... *Date of Birth:.....Gender:.....*Citizenship:.....Religion:..... *Caste:.....*Educational Qualification:.....*BPL No.:..... Marital Status:.....*Physically Handicaped: Yes/No Mobile:..... Email id(if any):..... Date:.....	<div> Paste a Recent Passport Size photo Duly Signed by Applicant </div>
<div> <div>Office Use Only</div> </div>	
Course Name:..... Course Time:..... Course Venue:..... Applicant's Name:.....	<div> Applicant's Signature Form No.:..... Stamp Of The Institution </div>
N.B.:Proof have to submitted in case of '*' fields.Voter card must.	

CODES

- **Print**

```
Private Sub cmdPrint_Click()  
cmdPrint.Visible = False  
cmdExit.Visible = False  
pp.Visible = False  
PrintForm  
cmdPrint.Visible = True  
cmdExit.Visible = True  
pp.Visible = True  
End Sub
```

- **Prev.**

```
Private Sub pp_Click()  
Unload Me  
r.Show  
End Sub
```

- **Quit**

```
Private Sub cmdExit_Click()  
End  
End Sub
```


And if you want to print certificate then you have to return to registration form & then fetch the detail of the student whose certificate you want to print.

Form Description

Here required fields are filled & by print symbol you can print it.

Certificate

Sl No.: 1234


(Govt. of West Bengal)
Community Development Through Polytechnic
A Scheme of Ministry of Human Resource Development, Govt. of India
Sheikhpara Abdur Rahaman Memorial Polytechnic
Sheikhpara*Murshidabad*West Bengal*PIN-742308

It is certify that Mr./Ms./Mrs. Krishna Kamal Mandal has successfully completed the training program on Computer from 5/9/2016 to 7/3/2017 in this institution under the Community Development Through Polytechnic scheme.

His/Her performance during the training program was on Proficiency 96 % and conduct was found to be Good.

Dated: 04/05/2016

Internal Co-ordinator Principal/Chief Co-ordinator/Officer-in-Charge

CODES

○ **Print**

```
Private Sub cmdPrint_Click()
```

```
cmdPrint.Visible = False
```

```
pp.Visible = False
```

```
complete.Visible = False
```

```
PrintForm
```

```
cmdPrint.Visible = True
```

```
pp.Visible = True
```

```
complete.Visible = True
```

```
End Sub
```

- **Previous**

```
Private Sub pp_Click()
```

```
Me.Hide
```

```
r.Show
```

```
End Sub
```

- **Complete**

```
Private Sub complete_Click()
```

```
End
```

```
End Sub
```

To issue the date of certificate as system date the form is load by following code:

```
Private Sub Form_Load()
```

```
Label23.Caption = Format$(Date, "dd/mm/yyyy")
```

```
End Sub
```