

USER GUIDE

आकृति विस्तार AKRUTI VISTAAR

शब्द एक भाषा अनेक



 **CYBERSCAPE**
MULTIMEDIA LIMITED

Welcome

Congratulations!! On the purchase of Akruti the easiest way to start working with Indian Languages on your personal computer.

You can have fun working with your PC in your mother tongue. You can send e-mails, design your web pages, send greeting cards, prepare visiting cards, design your personal letter pad, write school and college notes, legal documents, agreements, letters, infact anything and everything that could be done with most windows based application. **Akruti** can be used by companies for in-house magazines, religious publications, social service organisations for creating any kind of Local Language contents.

Akruti is easy to install, requiring about 150MB space on your Hard Disk. It comes with professional quality fonts that are used by DTP professionals. It has popular Keyboard Layouts to facilitate easy learning and typing. With this package one can do work on most of the Windows applications in Indian languages.

Go Ahead & Have Fun with Akruti

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Please read the license agreement before installing the software.

Akruti is a product of Cyberscape Multimedia Limited and is available with various options. The contents of the software will depend upon the purchased options and the specifications may vary from time to time. Kindly check at the time of purchase about the details of the options, if required. The product covered in this manual is Akruti.

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AKRUTI & MICROSOFT WINDOWS

Akruti provides Indian Language Interface to Microsoft Windows Operating System developed by Microsoft Corporation.

AKRUTI SOFTWARE LICENSE AGREEMENT

Opening this package indicates your acceptance of the terms and conditions in this “**License Agreement**”. This software product is provided by **Cyberscape Multimedia Limited, (Cyberscape)** either directly or through its dealer network only upon the following terms and conditions.

This is a legal agreement between **Cyberscape** and the Licensee. Cyberscape reserves the right to take suitable action in case of any violations

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2. The user is recommended to check any specific requirements thoroughly before purchasing the software.
3. Cyberscape is not responsible for the installation and solving any problems arising out of this software package.

LICENSEE

The Licensee assumes full responsibility for the selection, installation and use of the program. Cyberscape assumes no responsibility for any direct/indirect damages ensuing from the use of this program.

Copies of the program can be made only for back up purpose. When such back-up copies can not be used for commercial purpose.

License : This software is licensed to work in one PC only. Additional licenses are to be purchased separately. For users with multiple licenses, you need to get a separate license certificate indicating the number of licenses.

Corporate License is available for large organisations with multiple PCs and multiple locations. Contact us for more details.

ACKNOWLEDGMENT

We convey our sincere thanks with the deepest gratitude to the following persons without whom this product would not have been possible.

We thank the almighty for guiding us to develop this software. We also thank all the users of Akruti, all the employees of Cyberscape Multimedia Limited, the distributors & resellers of Akruti, all other developers of Indian Language software, our family members and all who have contributed to the product.

We express our deepest gratitude to Rajbhasha departments of all Central and State Government Organisations and PSUs, who have provided us with valuable feedback to improve the product.

About Akruti

What is Akruti Software ?

Akruti is a general purpose yet powerful software which enables one to type in any Indian language in most of application software on your computer with the same ease as English. So from now on you can use any language of your choice with any of your application program. It is easy to install and easier to use. It comes with popular Keyboard Layouts viz. English Phonetic, DoE Inscript 88, Typewriter etc.

It can be used by practically everybody, who uses computers for the love and fun of using the computer in your mother tongue. You can use Akruti in all the applications under Windows. You can use it effectively in Offices, Public Sector Undertakings, Nationalised Banks, Co-operative Banks, Schools, Colleges, Training Institutes, Authors, Writers, Students, Executives, Businessmen, Social Service Organisations, Politicians, Trade Unions, and all others, who have a love for the language and a computer to use.

Features –

- 1) Easy to install and use by the user.
- 2) Contains TrueType fonts.
- 3) Professional Typefaces to do any kind of job.
- 4) Variety of Keyboard Layouts to meet the popular demand.
- 5) No hardware protection only a simple registration process.
- 6) Can be used to create Language contents for Web Pages.
- 7) Can be used for sending e-mails in your language.
- 8) Powerful utilities.
- 9) API calls to develop Applications in Indian Languages.

The support and the responsibility

Cyberscape Multimedia Limited will be very happy to give our valuable customers every support they wish, related to the **Akruti**. But the package being so user friendly, we wish to make the user responsible for the procurement and the installation of the basic software needs. **Cyberscape** will, in no way be connected with the procurement & installation of the pre-requisites. To know about the software requirements, see the chapter under the heading “Pre-requisites”. **Cyberscape** also wishes to inform that problems that are not related to the basic functioning of **Akruti** software will not be a part of the software support. **Cyberscape** will provide support to its registered users through e-mail or telephone. On-site support will be charged extra.

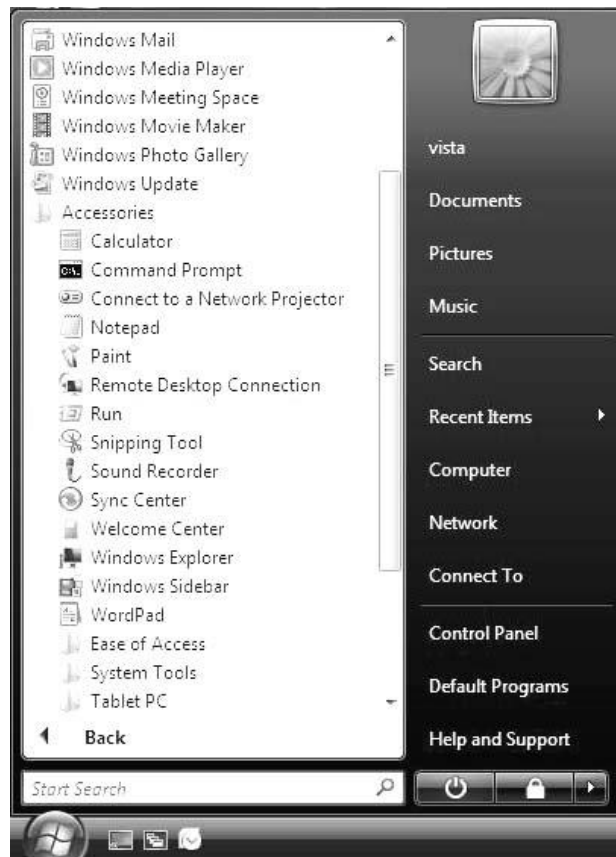
Packing List

The **Akruti** software package consists of the following –

1. Akruti Installation CD
2. Akruti User manual.
3. Keyboard Layout Sticker(s) for your convenience.
4. Registration card.

Akruti Installation procedure for Windows 95/98/2000/NT/XP/Vista

1. Start *WINDOWS*

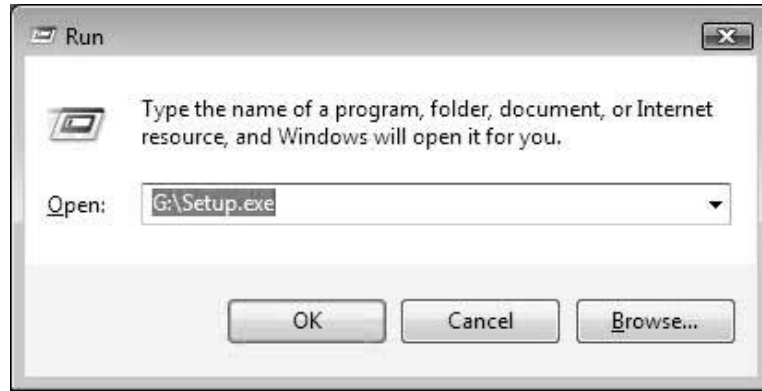


2. Choose **RUN** from **START** menu.

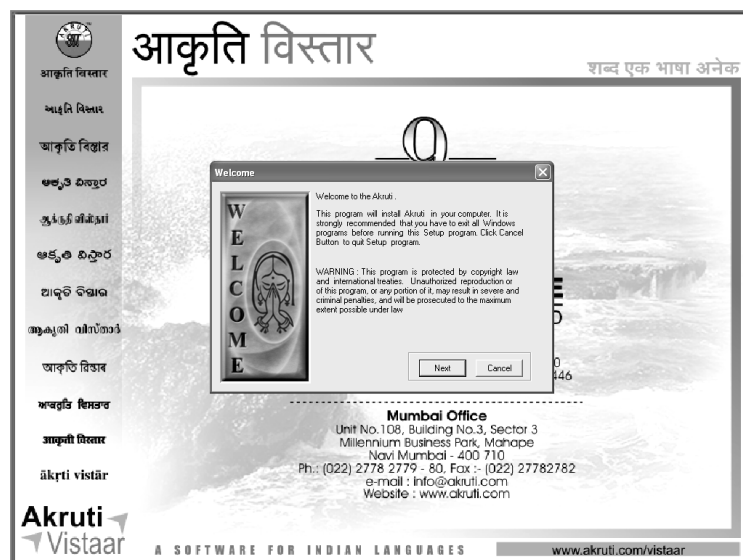


3. In the **Run** dialog , click the **Browse** button to open the Browse dialog box.

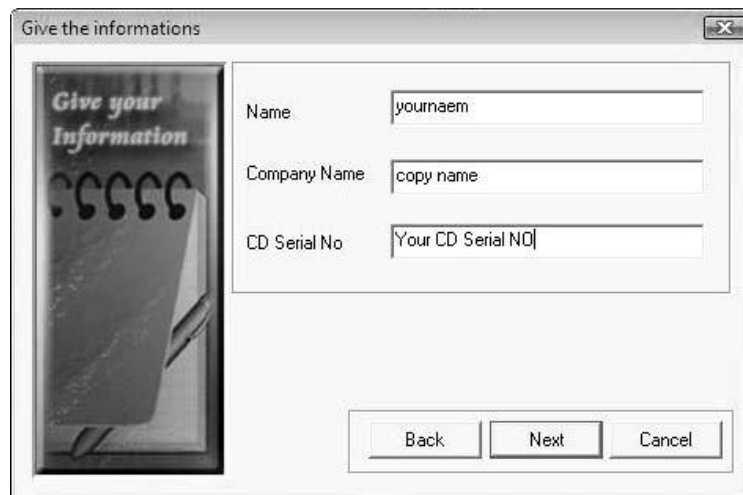
4. In the **Browse** dialog box, select the CD-Drive in which the Installation CD is kept.



- 5) Choose **SETUP.EXE** from the directory.
- 6) You will be introduced to the startup screen. When the startup screen disappears, the following window is displayed.



7. This window will be followed by the information window, where you will be asked to give your Name, Organisation Name and the CD Serial Number. This is written on your CD-ROM.



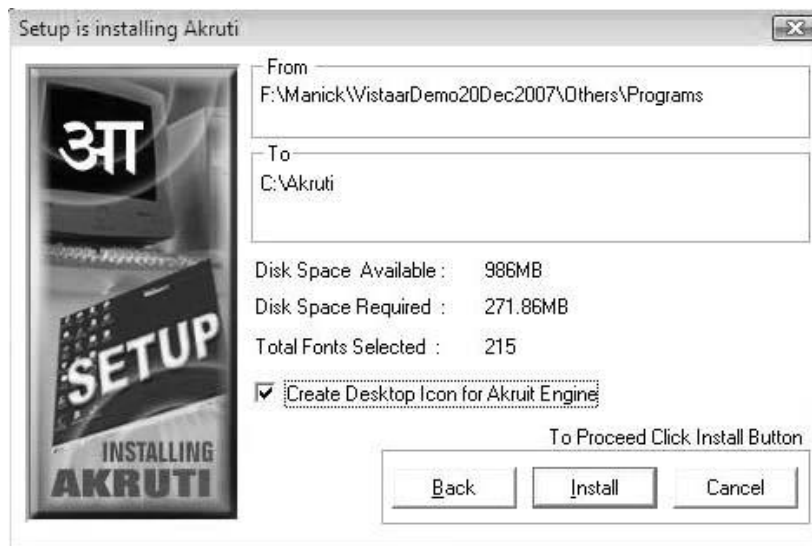
Please mention your CD serial Number here.

For special corporate customers, we provide pre created unique serial number for the entire organisation. In those cases, there is no need to type serial number in the box mentioned .

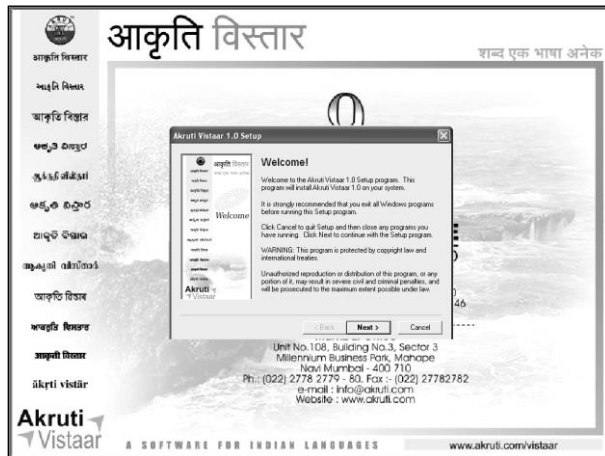
8. You can specify a directory name in which you wish to install Akruti or simply press Next to install in the default directory **c:\Akruti** .



9. This Dialog box will confirm the Hard Disk Space available and space needed by Akruti and report in case the available space is less than required you need to make some additional space.

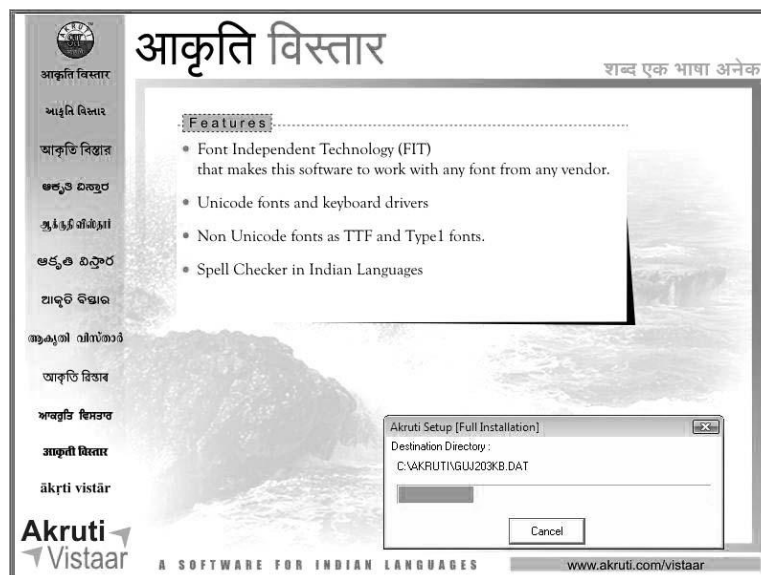


10. Check the box **“Create Icon on the Desktop”** if you want a shortcut to be on the Desktop.
11. Then click on the next button. After this actual installation begins.
12. During this phase, the files necessary for Akruti software are copied into the specified directory.

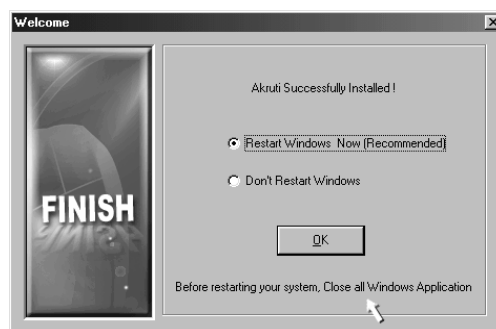


13. This Dialog box shows you the progress of the installation.

14. This is final stage of installation of AkruTi.



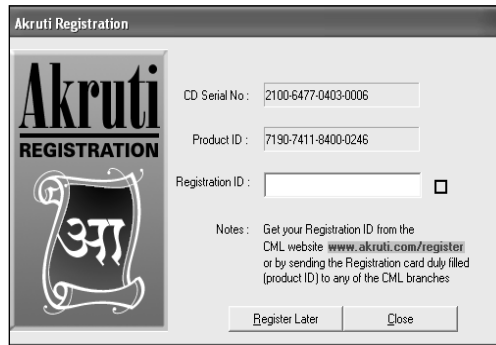
15. This will show when the installation is completed and you can restart windows if you desire so. It is recommended that you restart your windows.



16. This will reboot the system automatically. Now you can go to the AkruTi folder in the menu, and run any of the programs associated with it.

How to Register your Akruti

1. Start **Akruti Engine** by clicking the Akruti icon created on the desktop or from **Start – Programs – Akruti - AkrutiVistaar**.



2. When you start the engine it shows **Registration form** and asks for **Registration ID**.
3. **CD-serial** was given by you when you installed the software.
4. **Product ID**, is generated by Akruti according to your PC. It will be different for each and every computer.
5. Based on **CD serial** number and **Product ID**. We are generating **Registration ID** (this is also sixteen digit number, each four digit number separated by a hyphen).
6. You have to communicate the Product ID and CD serial number, customer details to us, this can be done by phone/fax or by e-mail. Web registry services will be started soon to register the product. On receipt of this information we will provide the Registration ID. The given Registration ID will work only on that particular PC. For additional PCs, extra licenses will have to be purchased.
7. You can start Akruti without registering also by clicking the "Register Later" button. Akruti will work for 15 days from the date of installation without registering. Akruti will work as a full version during this period, for the last 3 days it will display a message "Product in trial". Simply click **OK** and continue working.

Note: If you change the system date backward or forward the trial period will be over. You have to reformat the system before reinstalling Akruti.

- e-mail : mumbai@cyberscapeindia.com

UNINSTALLING AKRUTI

To uninstall the AKRUTI click the **Uninstall** Program from Akruti Program group. This will remove all the fonts, programs and the files copied by the setup program. This will not remove any files created by the user lying in Akruti directory.

WHEN YOU ARE IN TROUBLE

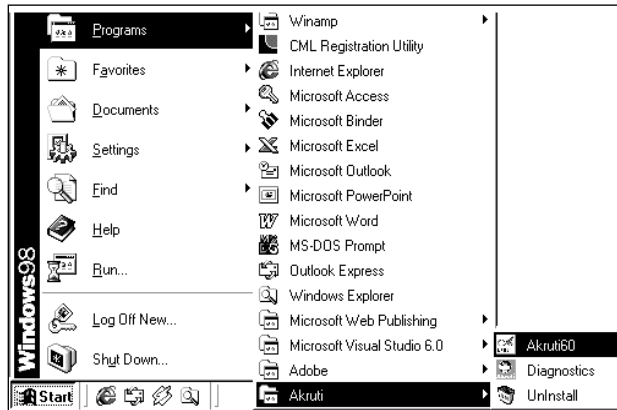
Akruti is easy to install and normally user should not encounter any problem while installing and using the software. However some useful tips are given here.

Problem related to installation -

As far as the installation problems are concerned, either you may get an error saying that the CD is not readable or you may get an error during the installation procedure. In both the cases (and any other defect), kindly send the faulty CD to our office at MUMBAI for replacement. The replacement is free of charge if returned within 30 days from the date of purchase (please send the xerox copy of bill) and if the damage is due to manufacturing defects. The decision of the company is final.

USING AKRUTI

To start the Akruti program, click on the Akruti icon on the desktop or from **Programs > Akruti** Group or execute the program **AKRUTI\AKRUTI60.EXE**.



Note: The program is not automatically loaded. You have to manually start this by clicking the icon.

This will load the software. The Akruti Engine is the heart of the software. From here you will be controlling your computer's multilingual capabilities. As soon as the engine is loaded, you will be introduced with a splash screen. Click on the screen to enter the engine interface.



The Akruti interface would be as shown above. all the menus will be explained later.

To type in any language in Bilingual fonts do the following :-

- Start the **Akruti Engine**.
- To see the keyboard select from the first option "**Akruti**" and then click on Display Keyboard (The selected keyboard will be displayed on the screen).
- Choose the language of your choice (Hindi) from the "**Script**" menu.
- Choose the layout of your choice from the "**Layout**" menu.
- Do not change the "**Application**" menu at this point of time.
- Select from the "Font" Menu "**Akruti Bilingual**" or "**Akruti Vistaar**"
- Start your application like MS Office, Pagemaker etc.
- Press SCROLL LOCK key or click on the "**RED**" button when "**OFF**" is indicated it will change color to "**GREEN**" and "**ON**" will display.
- Choose a Font like AkrutDev_BYogini, AkrutiVistaarYogini, AkruitOfficeYogini or any other bilingual in the respective language from the font list of your application or details about the fonts see the chart elsewhere in the manual.
- Start typing as per the layout.

To type in English, do the following :-

- Press the **SCROLL LOCK** key (OFF).
- Start typing in English.

Note : There is no need to close Engine program for typing in English. For typing again in language, repeat steps g to h above.

To type in any language in Regular fonts do the following:-

- a. Start the **Akruti Engine**.
- b. To see the keyboard select from the first option "**Akruti**" and then click on Display Keyboard (The selected keyboard will be displayed on the screen).
- c. Choose the language of your choice (**Hindi**) from the "**Script**" menu.
- d. Choose the layout of your choice from the "**Layout**" menu.
- e. Do not change the "**Application**" menu at this point of time.
- f. Select from the "**Font**" Menu "**Akruti Regular**"
- g. Start your application like MS Office, Pagemaker etc.
- h. Press **SCROLL LOCK** key or click on the "**RED**" button when "**OFF**" is indicated it will change color to "**GREEN**" and "**ON**" will display.
- i. Choose a Font like **AkrutDevYogini** or any other Regular in the respective language from the fonts list of your application. For details about the fonts see the chart elsewhere in the manual.
- j. Start typing as per the layout.

To type in English, do the following :-

- a. Press the **SCROLL LOCK** key (**OFF**).
- b. Select the English font like **Arial, Times New Roman**.
- c. Start typing in English.

Note : There is no need to close Engine program for typing in English. For typing again in language, repeat steps f to h above.

Akruti English Halant f key. Nukta] key.

Phonetic Layout

DoE Inscript Layout Halant d key . Nukta] key.

Typewriter Layout Halant | key Nukta ' key
or shift + \ key. the key to the left of 1.)

1. Typing by using the Akruti English Phonetic method is very simple. Characters are typed the way it is spoken. For combining characters, type the first character followed by halant and then follow it by the second character. Example kra is typed as ka + halant + ra. Similarly shtra is typed as Sha + halant + Ta + Halant + ra. Halant is available on "f" key. Read the Typing Sequence section for details.
2. You may experience that some conjuncts do not appear as they should if you are using programs like CorelDraw 10, MS Excel, Ventura etc. Change the mode from Generic from the Application menu. Then change the application type depending on the software you are using as given in the "Application Menu"

Generic For most of the Windows applications like PageMaker, MS Word etc.

MS-Wordpad WordPad, Power Point, Netscape and E5.0

MS-Excel For Excel

Lotus 1-2-3,

Star Office For Lotus 1-2-3

CorelDraw For CorelDraw

Oracle D2K Oracle

Paradox For Paradox

Ventura For Ventura Publisher

Publisher 4.2

Pagemaker For PageMaker Text Editor

Text Editor

The following programs work with generic mode or the respective mode is automatically selected MS-Office, SmartSuite, Word Perfect, Open Office, Start Office, Word Pad, IE, Netscape, Page Maker, Quark, CorelDraw, Photoshop, VB, VC, Paint, Ventura, OracleD2K, Paradox

Exploring Akruti

An Overview

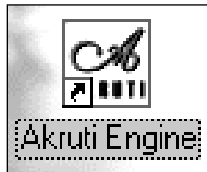
This chapter gives you a detailed overview of how to extract the powers of Akruti. It helps to guide you through the menus, commands and useful shortcuts to enhance your working. You will be explained with some basic information, such as-

1. Activating Akruti and moving from one application to an other.
2. Using Akruti Tools to create and manipulate multilingual text and graphics.
3. Working with text, including how and when to use Akruti Script.
4. Changing the language selection, keyboard selection and fonts.
5. Fixing up the problems in display, printing and basic functioning of the Akruti programs.

In the following session we will elaborate each item as it appears on each menu. This chapter is written with the basic assumption that the user is new to the multilingual software. However experienced users may find the tips and shortcut techniques very useful for them.

Experiment freely with the utilities and techniques presented in this chapter. Don't worry about making mistakes. You can always refer to the respective topics again. Above all, have fun exploring Akruti.

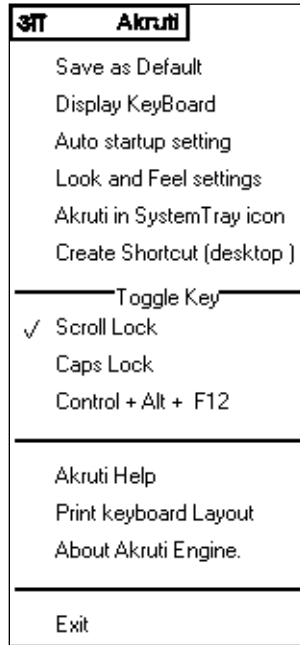
Akruti Engine



This is the core program of Akruti. It gets loaded when the Akruti Engine icon is clicked. It can also be invoked later if desired so.



When the Akruti Engine system hook gets loaded, a sign on message is displayed. This message is self explanatory and it is to guide the next move for the operator.



The menu wise details of this application are as follows:

Save as Defaults

To save the current setting as default. The setting involves the language, keyboard layout, application and the toggle key selection. The selected script, layout, application, toggle key options will be saved for further use. You will get the same options when you start windows hereafter, or even after putting the computer off. Otherwise the changes in the settings will be lost when you exit the application.



Display Keyboard

This option will display the current selected keyboard Layout.



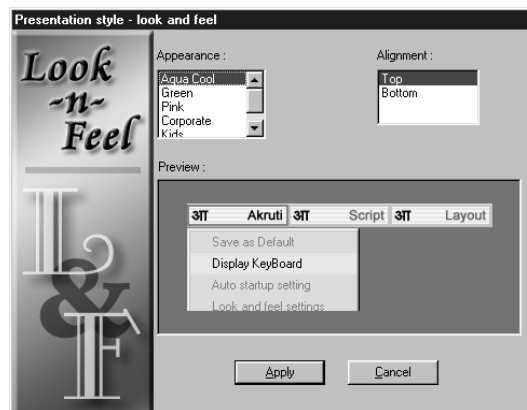
Auto Startup Setting

With This option you can set the auto startup. This will start the Akrti Engine as soon as a window starts up.



Look and Feel setting

This option you can change the look of Akrti engine. You can change the colour and location of the engine



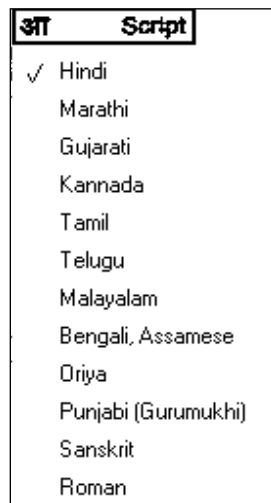
Akrti in System Tray

This option will hide the existing upside Akrti and it will be shown in the task bar. In the task bar mode you can change the setting by clicking the Icon. **A** and getting the required menus. You can restore by clicking on restore to desktop.

Create Shortcut (Desktop)

This will create a short cut item on the desktop to start Akrti.

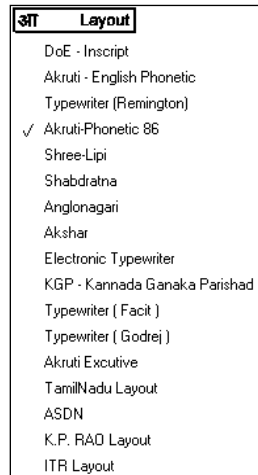
Script



This menu is used to select the language you want to use. The currently selected language is indicated by a tick mark on to the left.

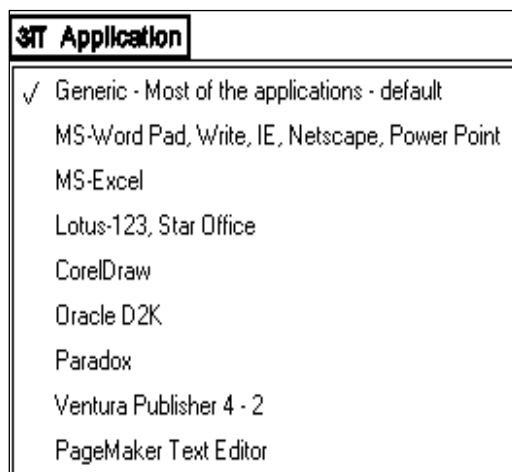
Note : The language selected there will be applicable for all the Windows applications that are currently running in your system.

Layout



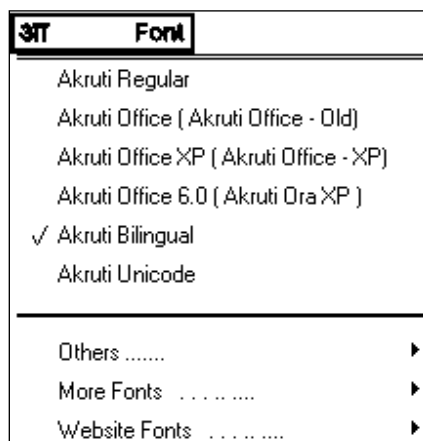
Caution: Certain keyboard layouts will not be available for all the languages. An error message will be flashed if such a combination is selected.

Application Menu



Though all windows applications handle the system resources in a uniform way, the keyboard character codes get interpreted differently by different programs. In this menu, options are provided to select the applications in which you are going to work on, manually or automatically. Selecting Auto (default) will work well most of the programs. In case of any problem in any of the future application releases, choose manual mode and select the application type. If that language and the layout is still not working in that application, contact your CML.

Font Menu



In Akrti Engine, you not only type in Akrti fonts you can also type in other font choose the target fonts for which you want the keyboard to work. Choosing wrong option may result in wrong characters/garbage

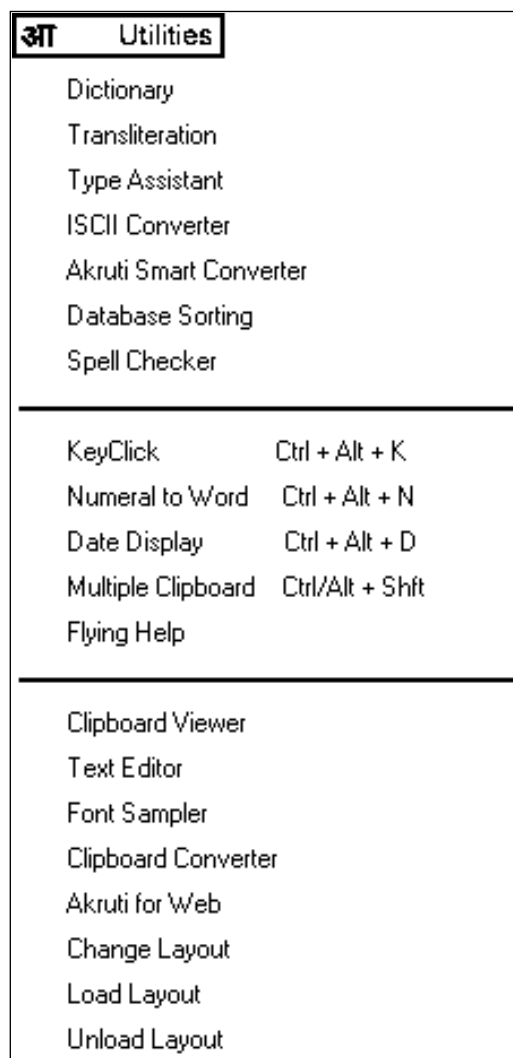
In some version of Akrti, there is an option for selecting the type of by selecting Akrti Regular you can use AkrtiDevPriya series fonts and by selecting Akrti Vistaar you can use AkrtiOfficePriya series Bilingual fonts and by selecting Akrti Bilingual you can use AkrtiDev_BPriya Bilingual fonts developed by Akrti. In the font menu also provided other companies fonts. This is given only as a convenience to the user, if he is used to other fonts.

Error Messages

If you choose a wrong layout that is not available in a particular language then an error message will be displayed and the current settings will not change.

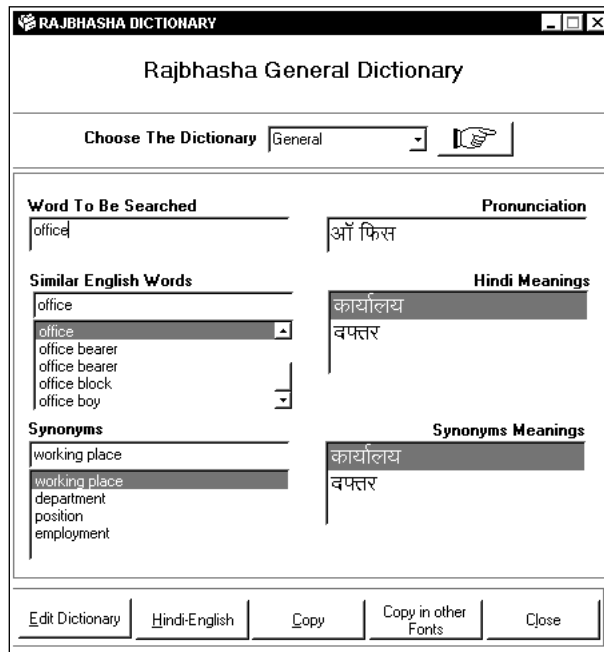
Utilities Menu

The utilities are available only in Akrti Vistaar, Akrti Publisher packages and above Contact to upgrade to the higher versions.



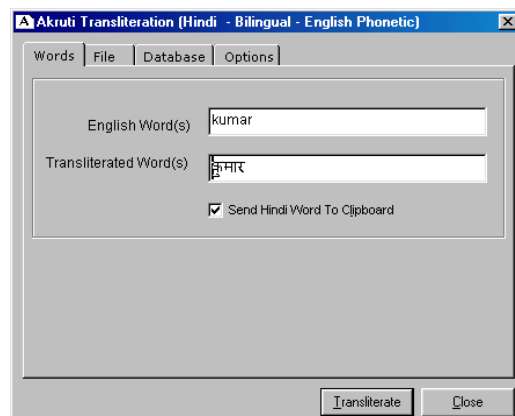
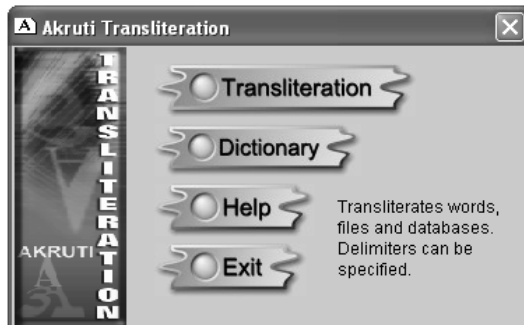
Dictionary

This program is to see the meaning of English to Hindi and Hindi to English with this you can copy the meaning for related word and copy in the MS-Word or Pagemaker.



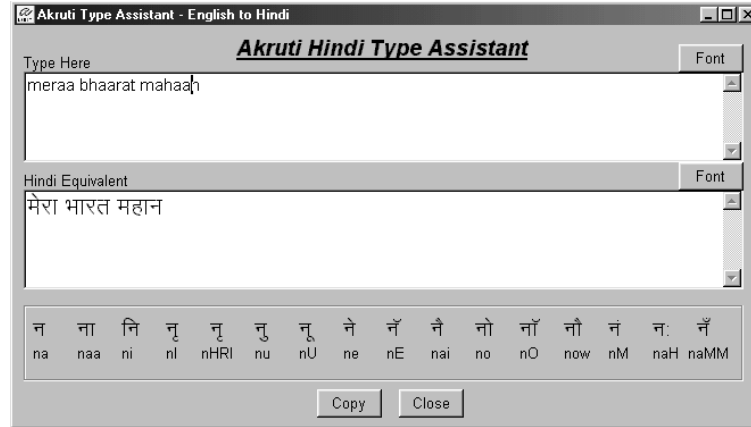
Transliteration

This program is to translate the English word to Hindi. This is used mainly for names and addresses.



Type Assist

This utility provides a simple way to type English and get Hindi. You need not have Akrti Engine working.



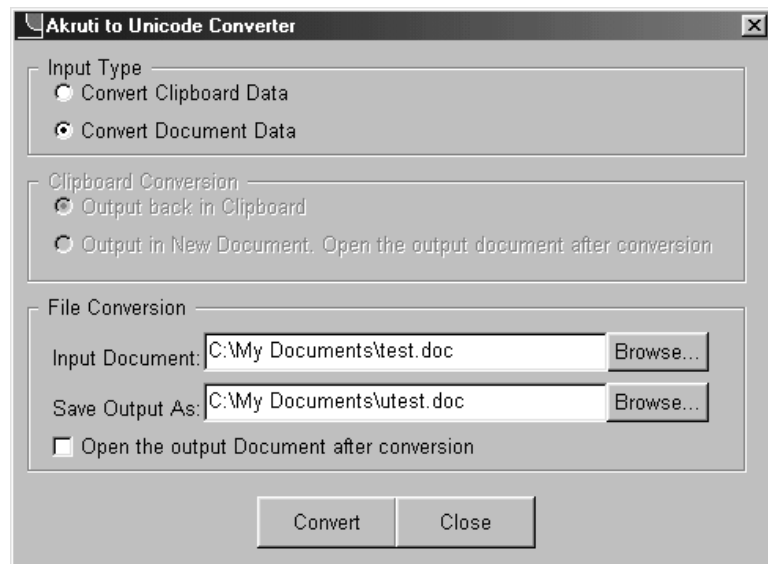
Typing method using Akrti Executive Layout

This layout is based on English spellings equivalent to Hindi characters. Do not delete half of a block or character or matra. Delete the full phonetic block and retype the whole block. This method remembers the characters typed before, within a phonetic block. To start afresh, type a space and then delete it. This clears the residue in the buffer.

Character	Key(s) to be pressed	Char-acter	Key(s) to be pressed	Char-acter	Key(s) to be pressed
अ	a	क	ka	द	da
आ	A	ख	kha	ध	dha
इ	I	ग	ga	न	na
ई	I	घ	gha	प	pa
उ	u	ङ	shift 8 / Nga	फ	pha
ऊ	U	च	cha	ब	ba
ऋ	HRI	छ	chha	भ	bha
ए	e	ज	ja	म	ma
ऐ	AY	झ	jha	य	ya
ँ	E	ञ	shift - / Nja	र	ra
ओ	o	ट	Ta	ल	la
औ	AW	ठ	Tha	व	va
ॉ	OE	ड	Da	श	sha
अं	aM	ढ	Dha	ष	Sha /shha
अँ	aMM	ण	Na	स	sa
अः	a:	त	ta	ह	ha
-	-	थ	tha	क्ष	kSha/shift 3
क	Ka	ग	Ga	त्र	tra
ख	Kha	ज	Ja	ज्ञ	jNja / shift 5
फ़	fa	ड़	DHa	ड़	Ra

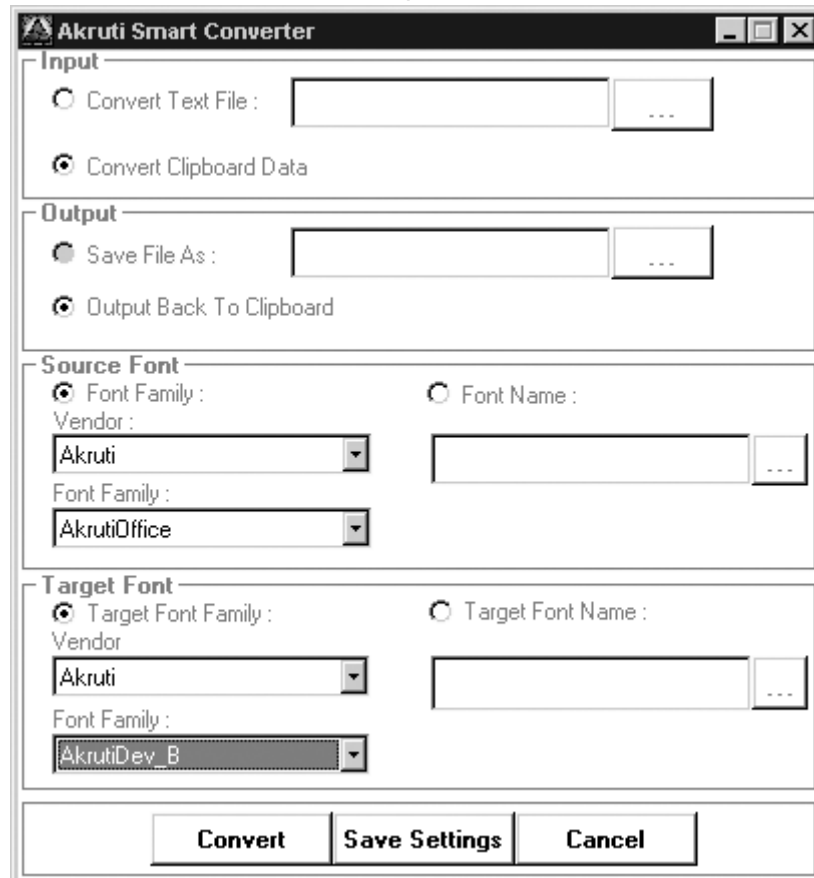
ISCII Converter

This dialog box used to convert ISCII format to Akruti.



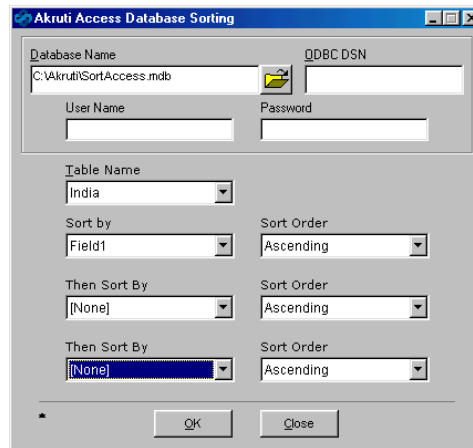
Akruti Smart Converter

The Smart Font Converter converts text from other fonts like Isfoc, Unicode, Akshar, Aps etc. This converter convert the .txt file and clipboard data.



Access Database Sorting

This Program is for sorting the MS-Access database or any other database details and say OK. The sorted data will be created as aksorted .mdb. For other database create ODBC connection by going through control Panel. Your database administrator will guide you on this detail.



Keyclick

This Program is to type Hindi Language text with a mouse.

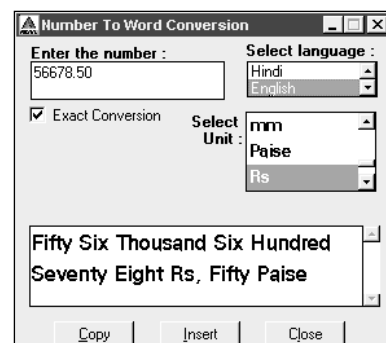
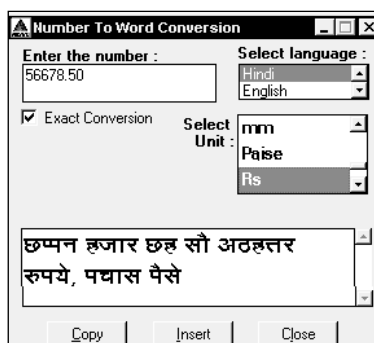
Select the keyclick option. Keep the cursor inside your application where the data is to be typed, Press Ctrl + Alt + K the keyboard will pop up. Now click on the keyboard to get the required character on the screen.



You can get a display like keyboard with normal and shift layouts or the varnamala sequence where all the vowel, consonants and matras are displayed.

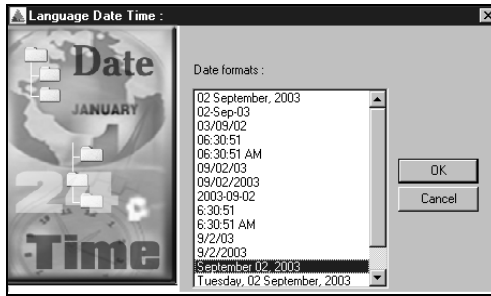
Number to words

This program for converting the numbers to words Click on the number to word menu. Place the cursor wherever you want type some numbers copy the text and and press Ctrl+Alt+N then say insert.



Date Display

1. Switch on the engine and select the language.



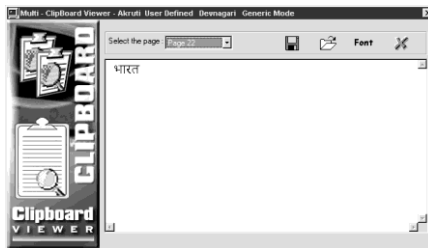
2. Select Date Time option from utilities menu from your document, Click Control + Alt + D.
3. It shows the dialog box, from which you can select date & time and say ok.

Multiple Clipboard :-

This utility allows user to have 99 clipboard short cuts text format. Select Multiple Clipboard option from **Utilities** menu.

- 1) Open a document.
- 2) Select the text which you want to store on a clipboard press Control + Shift + 11 (This will store the selected text to page 11 region.)
- 3) Whenever You want to use clipboard text press Alt + Shift + 11 your stored text will paste.

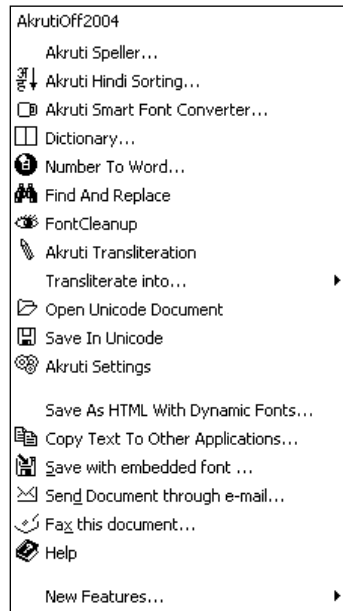
You can check with **Clipboard Viewer**.



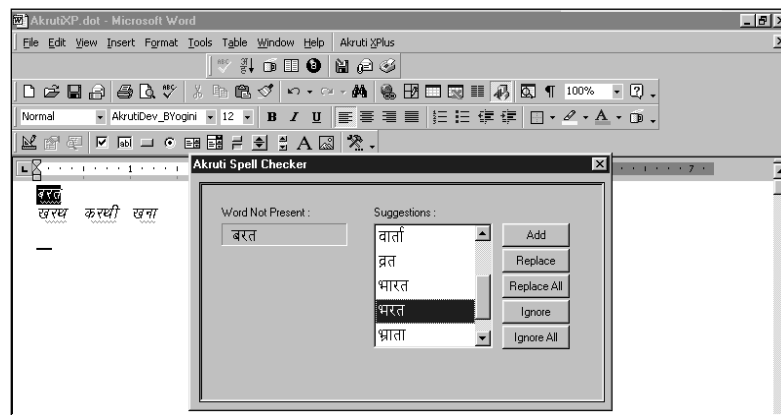
Font Sampler

This is used to see sample of fonts available in your computer.

Integrated Utilities for MS-Word.



Spelling Checker



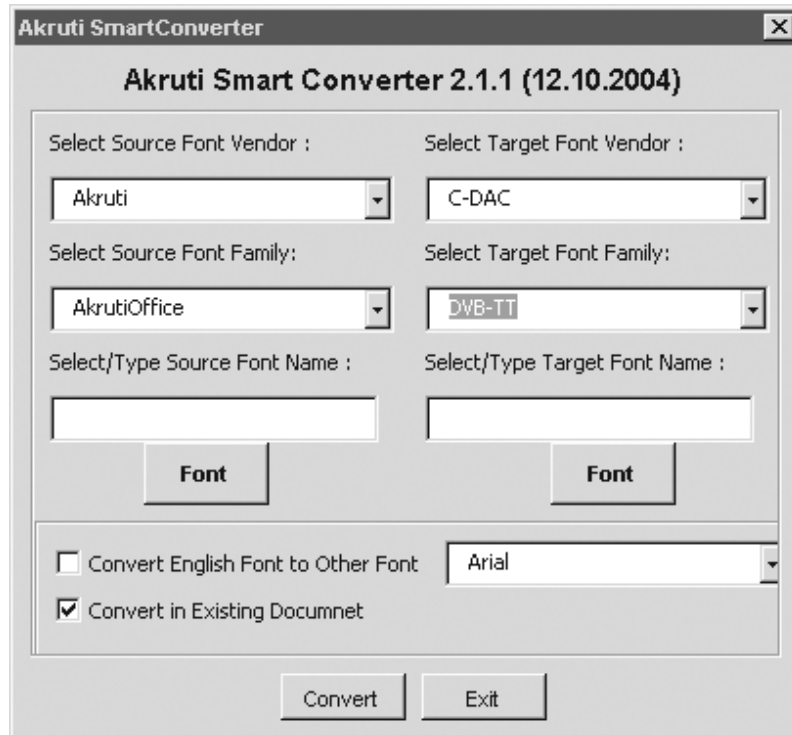
With Akrti, you get integrated spelling checker that you can invoke from a AkrtiXP.

Akruti Hindi Sorting

This will sort the hindi text in alphabetic order. Enter the text in tabular format and select the column and click on the AkrtiXplus Menu and say Akruti Hindi sort This will ask you the column and the order ascending or descending order then say OK this will the sort entire column.

Smart Font Converter

The Smart Font Converter converts text from other fonts like Isfoc, Unicode, Akshar, Aps etc. This utility can convert text in any font format to any other font format. Your page layout remains intact.



Dictionary and Translation

This program is to see the meaning of English to Hindi and Hindi to English with this you can copy the meaning for related word and copy in the MS-Word or Pagemaker.

Number To Word

This program for converting the number to word you type some number and select the number and click on the Akruti Xplus Menu and click on the number to word menu and say insert .

Find and Replace

With this option you can find and replace text in language.

Open Unicode Document

This will the open the document if any other versions of Akruti Vistaar.

Save in Unicode

This will save the file if the file is any other versions of Akruti Vistaar font.

Save as HTML with Dynamic Fonts

This Option will save the HTML with Dynamic Fonts for the Website needs.

Copy text to other applications..

You can copy the text and pest it any other application.

Save with Embedded font

This will save the document with embedded font.

Send Document through e-mail

This option will send the document with embedded font.

Fax this document

You can send the document to the fax.

Typing Sequence

The Hindi or language typing can be done by using the same English keyboard and using the similar sounding alphabet in English. The example will be k for क, t for त, r for र etc. Certain characters like ट, ठ, ड, ढ, ङ, ज, श, ष, ण, मात्रा, इ, ई, उ, ऊ, ए, ऐ, ओ, औ, ँ, ऌ, ऍ, ऎ, ॐ, ॕ require you to type some other keys as mentioned below. The combining of characters is achieved by using the halant key which is on the key `'. For example kra (क़) is formed by `ka+halant+ra' (क + ` + र) or (kfr). Similarly `da_dha' (द़) in siddhi is formed by `da+halant+dha' (द + ` + ध) or (dfD). Similarly the short `ee matra' is typed after the character. क्ति is typed as `ka+halant+ta+ee_matra' (kfti). The reph character is formed as typing it as ra+halant+character. The word पूर्णा is typed as (pUrNa). Devnagri can be activated by pressing **SCROLL LOCK** key. This is a toggle key for between English & Devnagri. The following table describes the key sequences to be :-

देवनागरी जोडाक्षर बनाने के लिए की-बोर्ड चार्ट (Typing Sequence for Bilingual fonts)

क्षिंत (d) = d (lower) for Phonetic 88 Key Board Layout

क्षिंत (d) = f (lower) for English Phonetic Key Board Layout

क्षिंत (d) = d (Back Slash) for Typewriter Key Board Layout

Type This Character	Get This Result	Type This Character	Get This Result
अ = अ		क + ँ = कै	
अ + ि = आ		क + ऌ = कॉ	
इ = इ		क + ऍ + क = कक	
ई = ई		क्षिंत is indicated as - लंत	
उ = उ		क + क्षिंत + र = क्र	
ऊ = ऊ		र + क्षिंत + क = र्क	
ऋ = ऋ		घ + क्षिंत + न = घन	
ए = ए		ड + क्षिंत + क = डक	
ऐ = ऐ		ड + क्षिंत + ख = डख	
अ + ो = ओ		ड + क्षिंत + ग = डग	
अ + ौ = औ		ड + क्षिंत + घ = डघ	
अ + ँ = अं		ड + क्षिंत + य = ड्य	
अ + ः = अः		छ + क्षिंत + र = छ्र	
अ + ँ = अँ		ज + क्षिंत + ङ = ज्य	
अ + ऌ = अँ		ज + क्षिंत + ङ = ज्य	
अ + ऍ = अँ		ट + क्षिंत + ट = ट्ट	
ए + ँ = ऐँ		ट + हलंत + ट = ट्ट	
र + ु = रु		ट + हलंत + ठ = ट्ठ	
र + ू = रू		ठ + क्षिंत + ठ = ठ्ठ	
ॐ + नुक्ता = ॐ		ड + क्षिंत + ङ = ड्य	
, + , = ।		ङ + क्षिंत + ङ = ङ्य	
। + नुक्ता = ॕ		ण + क्षिंत + म = णम	
. + नुक्ता = .		त + क्षिंत + त = त्त	
। + नुक्ता = !			

2	+ नुक्ता = ‘	त + [लं] + र = त्र
3	+ नुक्ता = ’	द + [लं] = दृ
4	+ नुक्ता = ?	द + [लं] + ग = द्र
5	+ नुक्ता = /	द + [लं] + द = द्
6	+ नुक्ता = ;	द + [लं] + ध = द्ध
7	+ नुक्ता = :	द + [लं] + र = द्र
8	+ नुक्ता = श्रा	द + [लं] + य = द्य
9	+ नुक्ता = ि	द + [लं] + व = द्व
0	+ नुक्ता = २	द + [लं] + [॥] = द्द
क + नुक्ता = क		द + [लं] + भ = द्भ
ग + नुक्ता = ग		न + [लं] + न = न्न
ज + नुक्ता = ज		प + [लं] + र = प्र
ड + नुक्ता = ड		र + [लं] + त = र्त
ढ + नुक्ता = ढ		ल + [लं] + ल = ल्ल
फ + नुक्ता = फ		श + [लं] + न = श्न
क + [॥] = का		श + [लं] + [॥] = श्च
क + ि = कि		श + [लं] + व = श्व
क + ी = की		0 + नुक्ता + ल = श्ल
क + ु = कु		श + BS + व = श्व
क + ू = कू		श + [लं] + र = श्र
क + ु = कु		ष + [लं] + ण = षण
क + े = के		[॥] + [लं] + य = ह्य
क + ै = कै		[॥] + [लं] + र = ह्र
क + ो = को		[॥] + [लं] = ह
क + ौ = कौ		[॥] + [लं] + म = ह्म
क + े = के		[॥] + [लं] + न = ह्न
क + : = कः		[॥] + [लं] + ल = ह्ल
क + े = के		[॥] + [लं] + व = ह्व
क + े = के		[॥] + [लं] + ण = हण

देवनागरी जोडाक्षर बनाने के लिए की-बोर्ड चार्ट

(Typing Sequence for Regular fonts)

हलन्त (d) = d (lower) for Phonetic 88 Key Board Layout

हलन्त (d) = f (lower) for English Phonetic Key Board Layout

हलन्त (d) = d (Back Slash) for Typewriter Key Board Layout

Type This Character	Get This Result	Type This Character	Get This Result
अ = अ		क + ु = कँ	
अ + [॥] = आ		क + ौ = कौ	
इ = इ		क + ु + क = कक	
ई = ई		ु is indicated as हलन्त	
उ = उ		क + हलन्त + र = क्र	
ऊ = ऊ		र + हलन्त + क = र्क	
ऋ = ऋ		घ + हलन्त + न = घ्न	
ए = ए		ड + हलन्त + क = डक	

ऐ	= ऐ	ड	+	हलंत	+	ख	=	ख
अ	+ ो = ओ	ड	+	हलंत	+	ग	=	ख
अ	+ ौ = औ	ड	+	हलंत	+	घ	=	ख
अ	+ = अं	च	+	हलंत	+	य	=	च
अ	+ थं = अथं	छ	+	हलंत	+	र	=	छ
अ	+ ॅ = अँ	ज	+	हलंत	+	च	=	ज
अ	+ ॉ = अॉ	ज	+	हलंत	+	ज	=	ज
ए	+ ॅ = एँ	ट	+	हलंत	+	ट	=	ट
र	+ ु = रु	ट	+	हलंत	+	ठ	=	ठ
र	+ ू = रू	ठ	+	हलंत	+	ठ	=	ठ
ृ	+ नुक्ता = ॄ	ड	+	हलंत	+	ढ	=	ड
,	+ , = ।	ढ	+	हलंत	+	ढ	=	ढ
।	+ नुक्ता = ॥	ण	+	हलंत	+	म	=	ण
.	+ नुक्ता = !	त	+	हलंत	+	त	=	त
१	+ नुक्ता = '	त	+	हलंत	+	र	=	त्र
२	+ नुक्ता = ' ,	द	+	ृ = दृ				
३	+ नुक्ता = ?	द	+	हलंत	+	ग	=	द
४	+ नुक्ता = /	द	+	हलंत	+	द	=	द
५	+ नुक्ता = ;	द	+	हलंत	+	ध	=	द
६	+ नुक्ता = थं	द	+	हलंत	+	र	=	द
७	+ नुक्ता = —	द	+	हलंत	+	य	=	द
८	+ नुक्ता = —	द	+	हलंत	+	व	=	द
९	+ नुक्ता = —	द	+	हलंत	+	ब	=	द
०	+ नुक्ता = ०	द	+	हलंत	+	भ	=	द
नुक्ता + क = क		न	+	हलंत	+	न	=	न
नुक्ता + ग = ग		प	+	हलंत	+	र	=	प
नुक्ता + ज = ज		र	+	हलंत	+	त	=	र
नुक्ता + ड = ड		ल	+	हलंत	+	ल	=	ल
नुक्ता + ढ = ढ		श	+	हलंत	+	न	=	श
नुक्ता + फ = फ		श	+	हलंत	+	च	=	श
क + ा = का		श	+	हलंत	+	व	=	श
क + ि = कि		०	+	नुक्ता	+	ल	=	श
क + ी = की		श	+	BS	+	व	=	श
क + ु = कु		श	+	हलंत	+	र	=	श
क + ू = कू		ष	+	हलंत	+	ण	=	ष
क + ृ = कु		Shift	+	य	=	च		
क + ॅ = के		ह	+	हलंत	+	य	=	ह
क + फ़ = कै		ह	+	हलंत	+	र	=	ह
क + ो = को		ह	+	ृ = ह				
क + ौ = कौ		ह	+	हलंत	+	म	=	ह
क + ॑ = को		ह	+	हलंत	+	न	=	ह
क + ॒ = कः		ह	+	हलंत	+	ल	=	ह
क + ॑ = कँ		ह	+	हलंत	+	व	=	ह
		ह	+	हलंत	+	ण	=	ह

Font Compatibility with various Applications

Indian Languages differ a lot from English and many programs have most of the default options set as per English.

In such cases, working with Indian Languages, may pose some problems. The programs are MS Office, Lotus Smartsuite, Corel Draw, Pagemaker etc. Certain options are to be disabled in the programs to make the software work properly.

The symptoms in such cases are typically

- a) Characters getting replaced by another.
- b) Characters getting replaced by another after pressing space or enter.
- c) Some characters like quote marks do not appear at all.

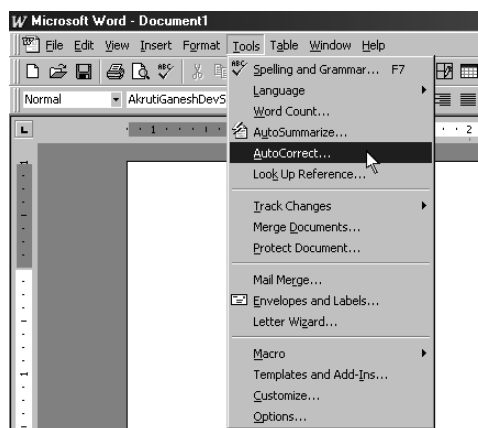
It appears all right on screen, but prints a different character on the printouts.

All these problems are sorted out by selecting or removing certain options hidden inside various menus. The settings to be changed are shown in the following pages.

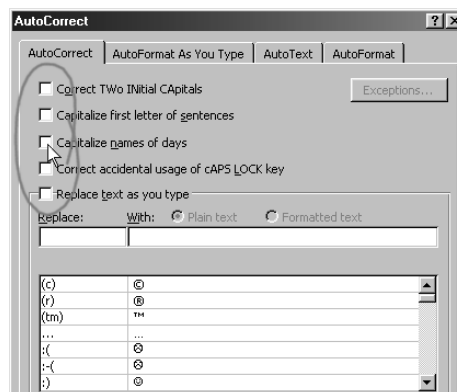
Some important guidelines in using Indian languages are

- a) Preserving upper and lower case
- b) No capitalising first character
- c) Not capitalising sentences

Settings for Microsoft Word



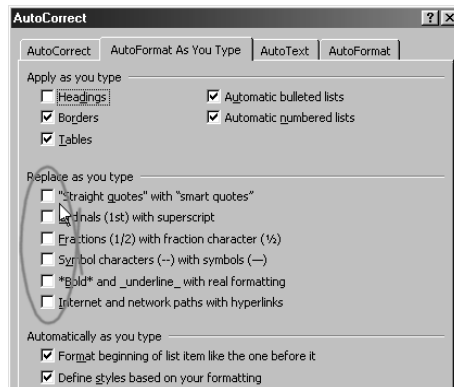
1. Go to **Tools** menu, and select the **AutoCorrect** option.
2. Remove the tick marks from the following options



- * Correct TWO INital, CAPitals.
- * Capitalize first letter of sentences.
- * Capitalize names of days.
- * Correct accidental usage of cAPS LOCK key.
- * Replace text as you type.

Settings for Microsoft Word

3. Click the tab - **Autoformat** as you type and remove the tick marks from the following options –

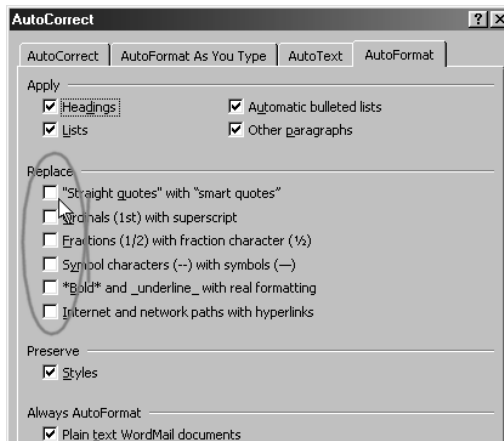


- * "Straight quotes" with "smart quotes" .
- * Ordinals (1st) with super script.
- * Fractions (1/2) with fraction characters (1/2).
- * Symbol characters (--)with symbols (--).
- * *Bold*and_underscore_withreal formatting.
- * Internet and network paths with hyperlinks.

4. Click the tab –

AutoFormat

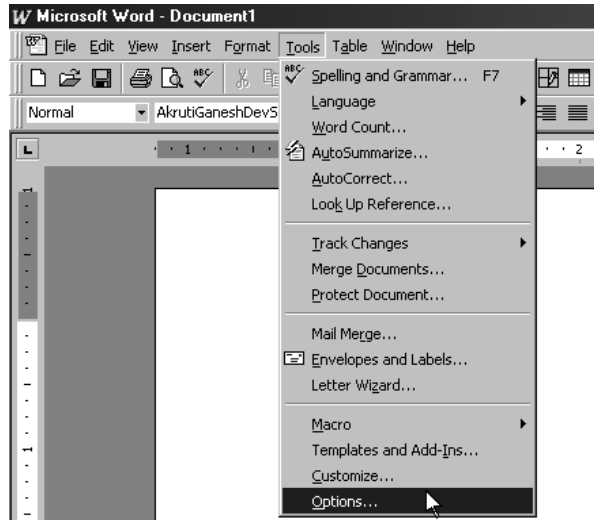
5. In **AutoFormat** Menu Remove the tickmarks from the following options –



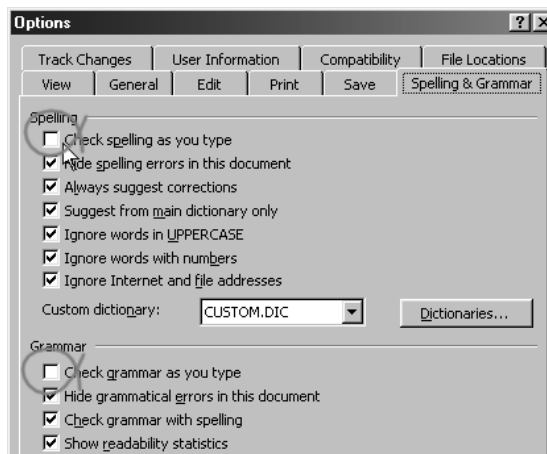
- * "Straight quotes" with "smart quotes"
- * Ordinals (1st) with super script
- * Fractions (1/2) with fraction character (1/2)
- * Symbol characters (--) with symbols (--)
- * *Bold*and_underscore_with real formatting
- * Internet and network paths as with hyperlinks

* Press OK.

6. Go to **Tools** menu, and select the Options....



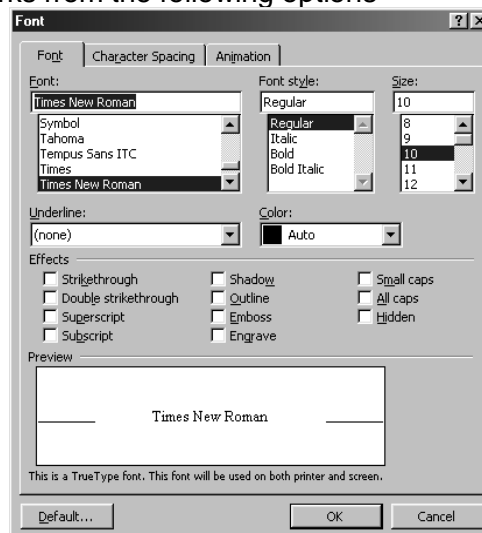
7. Remove the tickmarks from the following options –



- * *Check grammer as you type*
- * *Check grammar as you type*
- * Press Ok

8. Go to **Format** menu, and select **Font** option:

9. Remove the tickmarks from the following options

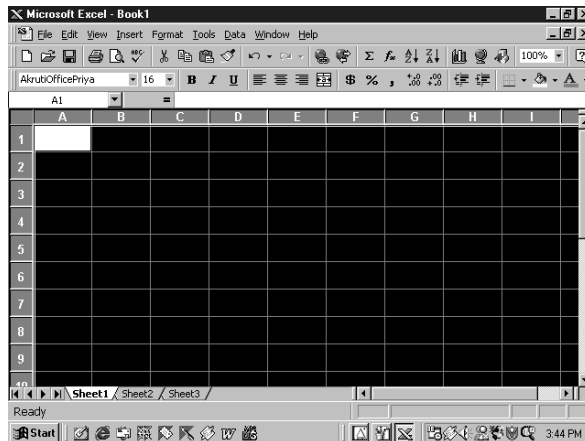


- * Small caps
- * Press Ok

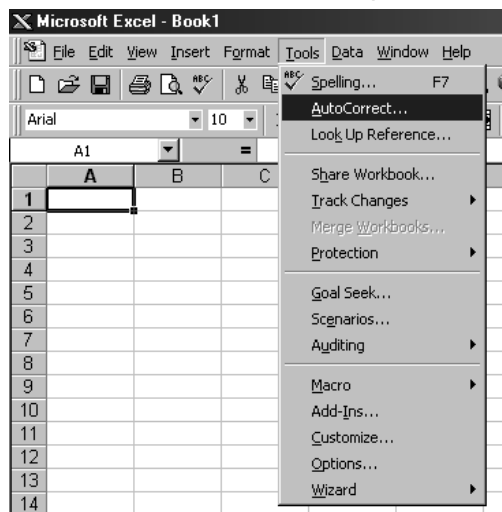
Settings for Microsoft Excel

1. Select all the cells you would be using for data entry in indian languages.
2. Select the required **Akruti font** from the font list menu.
3. Set the required font size.

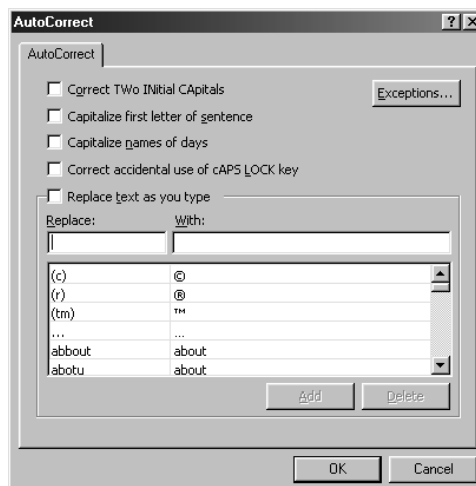
By doing this procedure, you can avoid repetitive work of setting the font and its size.



4. Go to **Tools** menu, and select **AutoCorrect** option.

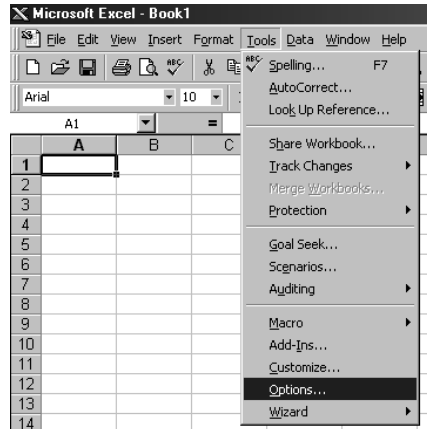


5. Remove the tickmarks from the following options –

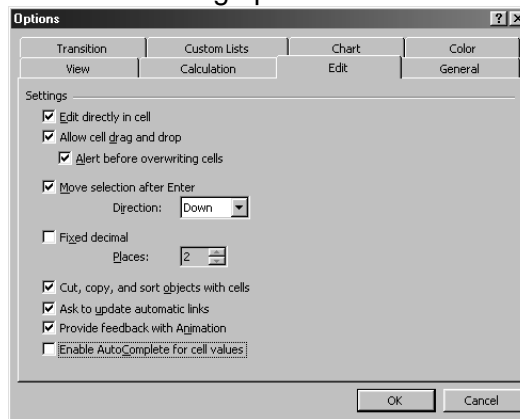


- * Correct Two Initial, Capitals
- * Capitalize first letter of sentences
- * Capitalize names of days
- * Correct accidental usage of CAPLOCK key
- * Replace text as you type

6. Go to **Tools** menu, and select **Options**.

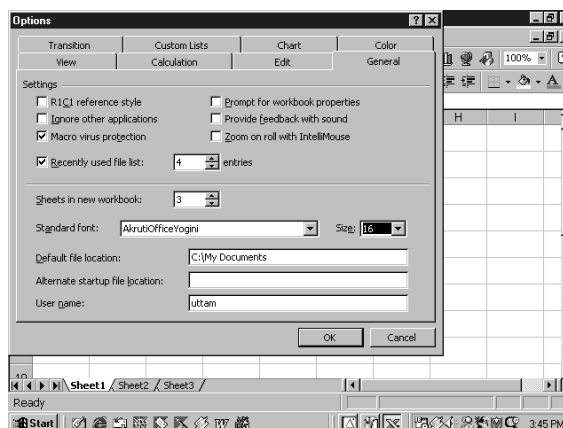


7. Remove the tickmarks from the following options.



- * Enable **AutoComplete** for cell values.

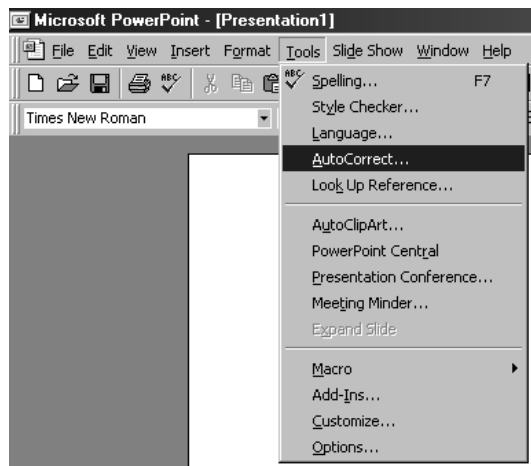
8. Press the **General** Tab



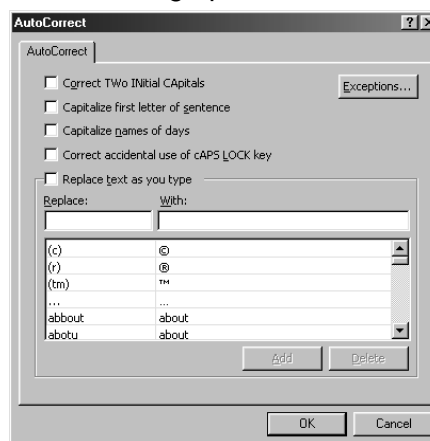
- * Change - Standard font - Akru font. Press Ok.

Settings for Microsoft PowerPoint

1. Go to **Tools** menu, and select **AutoCorrect** option -

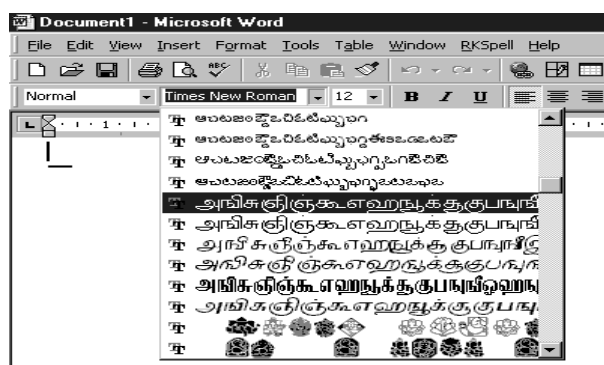


2. Remove the tickmarks from the following options –



- * Correct Two Initial, Capitals
- * Capitalize first letter of sentences
- * Capitalize names of days
- * Correct accidental usage of CAPS LOCK key
- * Replace text as you type

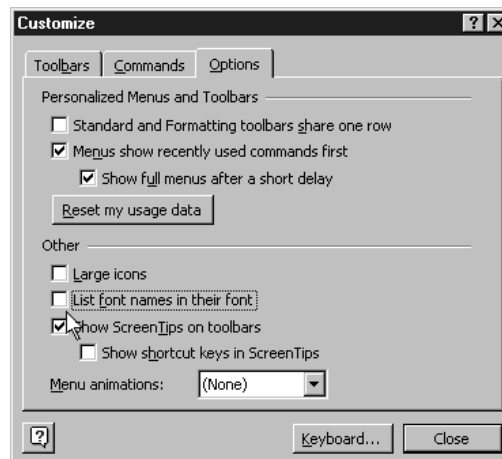
Settings for Office 2000/XP/2003



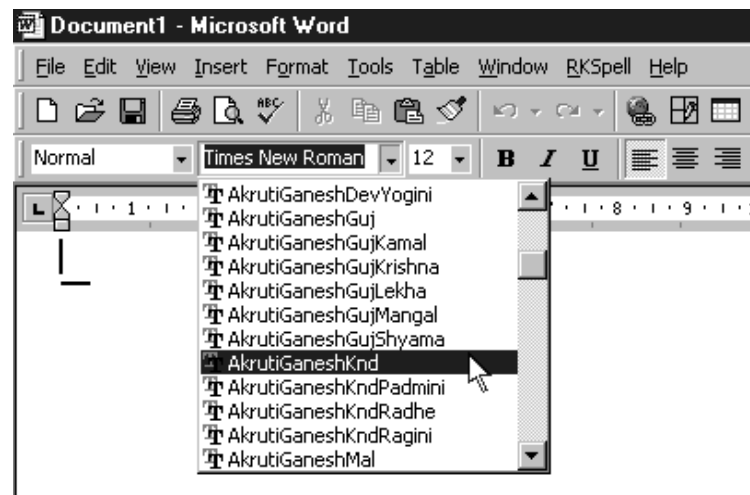
When using language fonts in any of the applications of Office 2000 like Word, Excel, Powerpoint, Access, Front Page and Outlook Express, the font list menu of these applications looks like the figure given above.

Settings for Office 2000/XP/2003

1. From the Tools menu, select Customize option.
2. Select the Options tab in the customize window.



3. Remove the tick mark from the option –
* List font names in their font
4. Say Close .

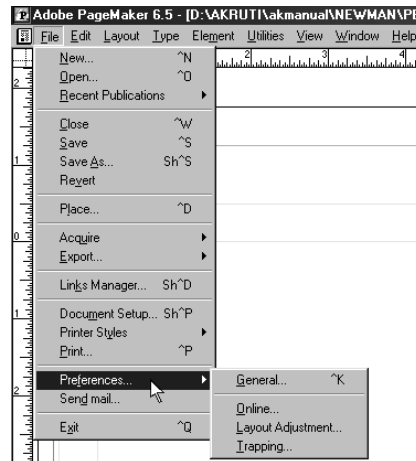


Now the Font list menu will be legible as shown above.

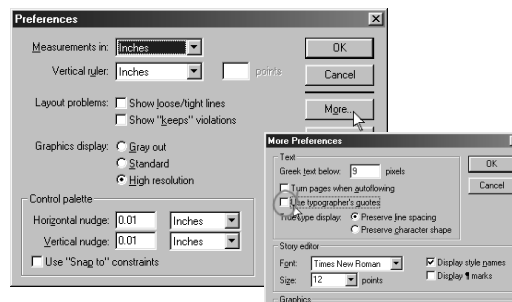
Note : This setting is common to all the applications of Office 2000/XP/2003

Settings for Adobe PageMaker

1. Go to **File** menu, and select the **Preferences > General** option.



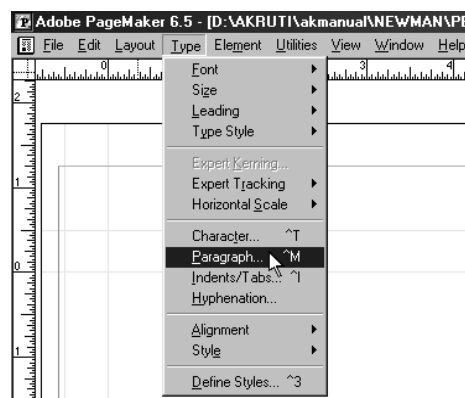
2. In the Preferences dialog box, click on the more button.



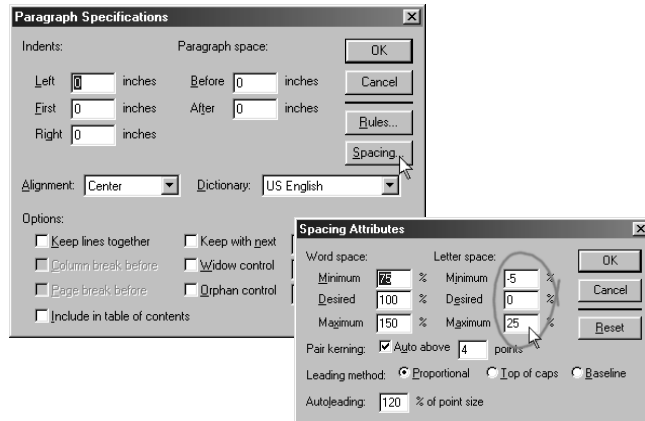
Remove the tick mark from the option:

- * Use typographer's quotes - press OK.

Settings for Adobe PageMaker

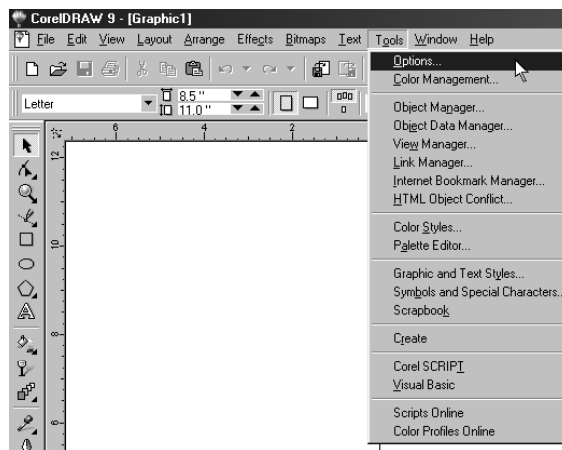


1. Go to **Type** menu, and select the **Paragraph** option.
2. In the **Paragraph** dialog box, click the **Spacing** button.
3. In the Spacing Attributes dialog box, set the **Letter space** parameters Minimum, Desired and Maximum to zero.

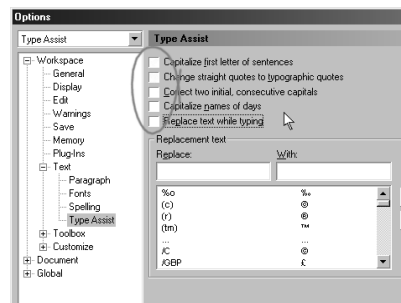


* Press OK and then again OK.

Settings for CoreIDRAW



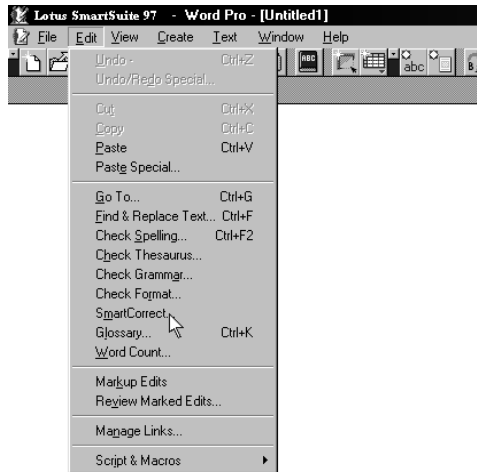
1. Go to Tools menu, and select the Options.
2. Select **Type Assist / Quick correct** in the left column.
3. Remove the tickmarks from the following options –



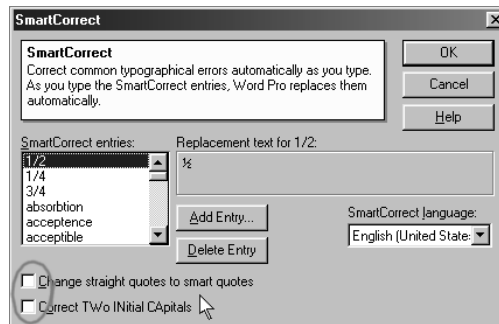
- * Capitalize first letter of sentences
- * Change straight quotes to typographic quotes
- * Correct two initial, consecutive capitals
- * Capitalize names of days
- * Replace text while typing
- * Press OK.

Settings for Lotus Smartsuite - Word Pro

1. Go to **Edit** menu and select the **SmartCorrect** option.



You will come across the **SmartCorrect** Dialog box.



3. Remove the tick marks from the **options**

- * Change straight quotes to smart quotes
- * Correct TWo INitial CApitals

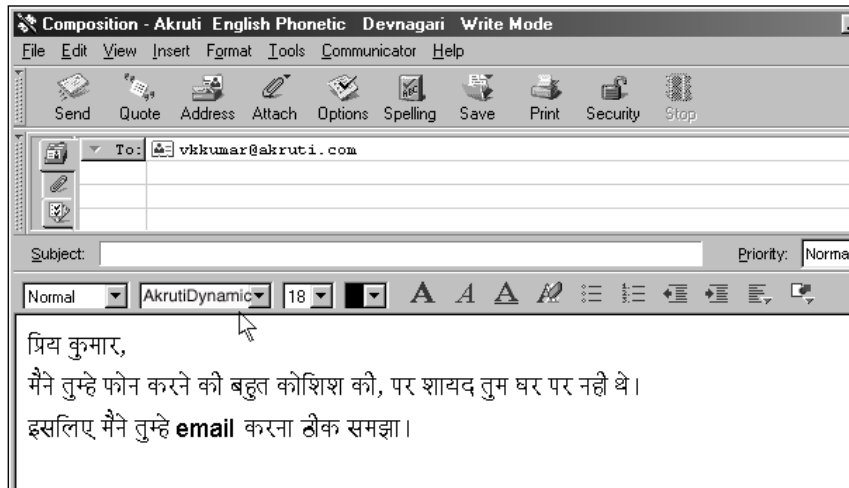
Press OK.

Sending e-mails using Akrti

Use IE and Netscape with any of e-mail account to send email in Indian Languages.

INTRODUCTION

Akruti software enables you to mail in all regional languages listed before. as an instance, in the next figure, a message is displayed using Akrti Hindi Font. You can type the message in outlook express, Netscape messenger using Akrti Font, but for using the font kindly follow the following steps.



- 1) Select **AkrutiDynamicPriya** or **AkrutiDynamicYogini** font from Font Selection Box.
- 2) Select **Font Size** as per requirement.
- 3) Type the message as per the Selected Akrti Layout.

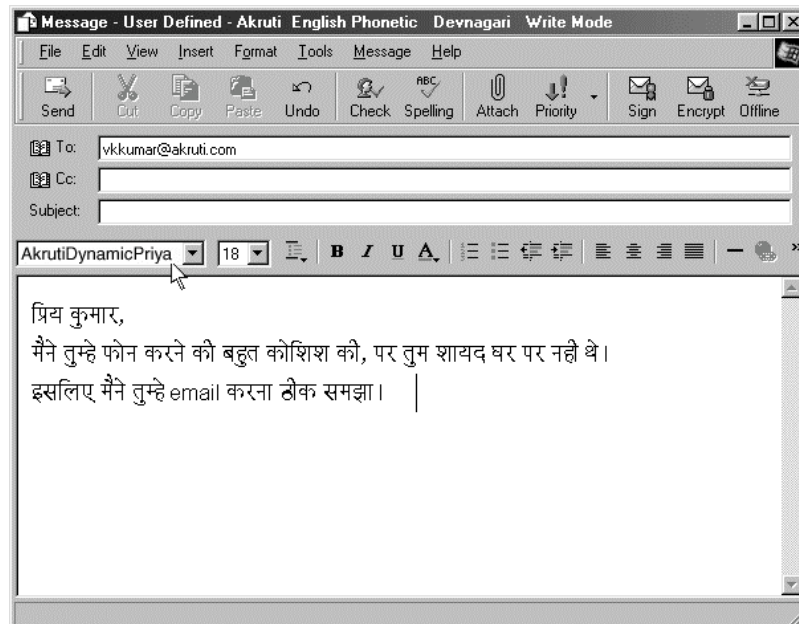
After sending the message to the destination viewer, it will be displayed on the screen in the form of unreadable garbage characters. So, to view the message correctly by the recipient you have to send the font file with your mail.

To attach the font file to the mail, click attach button from tool bar and select the font file (Akrti.ttf), and send the message.

The recipient has to save the file font by right clicking on the attachment by mouse and add the font from the control panel by following the given route.

Procedure to send e-mail in Outlook Express

1. Select **New Mail**. You will get a composition window as shown above.
2. To type in any language, first run the **Akruti Engine**.



3. Select the font **AkrutiDynamicPriya** or **AkrutiDynamicYogini** from the font selection box. as shown above.
4. Set the font size, press **Scroll Lock** (ON), and start typing.
5. To switch back to english mode, press **Scroll Lock** (OFF), and start typing.

Available Keyboard Layouts



Available Keyboard Layouts



Akruti Typefaces

AkrutiOfficeAditi

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeAjit

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeAkanksha

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeAkshardhara

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeAkshay

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeChakra

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeChampa

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeDeepa

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeHansa

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeManorama

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeMogara

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeMouj

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficePriya

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeSulekh

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficePriyaExpand

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeShruti

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeSwati

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeTriveni

मेरा भारत महान मेरा भारत महान

AkrutiOfficeVijay

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeYogini

Mera Bharat Mahan मेरा भारत महान

AkrutiOfficeImage1



AkrutiOfficeImage2



USER REGISTRATION CARD

CML Copy

Akruti Vistaar

Others (Pl. specify) _____

Product Code : _____ Date : _____

Serial No.: _____ Ref. : _____

Dealer : _____

Name : _____

Company : _____

Address : _____

City : _____ State: _____ Pin : _____

Phone : _____ Fax : _____

e-mail : _____

Signature of Authority

Signature of Customer

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